

# Digest of Education Statistics 2012

Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
All fields, total	1,715,913	734,133	981,780	730,635	291,551	439,084	163,765	79,654	84,111
Agriculture and natural resources	28,623	14,675	13,948	5,773	2,750	3,023	1,246	675	571
Agriculture, agriculture operations, and related sciences	15,857	7,825	8,032	2,490	1,198	1,292	692	368	324
Agriculture, general	1,642	946	696	350	171	179	20	12	8
Agricultural business and management, general	1,059	692	367	63	40	23	0	0	0
Agribusiness/agricultural business operations	1,375	946	429	73	39	34	0	0	0
Agricultural economics	1,452	994	458	436	237	199	139	74	65
Farm/farm and ranch management	101	75	26	9	7	2	0	0	0
Agricultural/farm supply	82	47	35	0	0	0	0	0	0
Agricultural wholesaling	22	13	9	0	0	0	0	0	0
Agricultural business	43	26	17	13	3	10	0	0	0
Agricultural business, by agency: Fiscal year	240	124	6	0	0	0	0	0	0
Agricultural mechanization	20	10	10	0	0	0	0	0	0
Agricultural production	20	10	10	0	0	0	0	0	0
Animal/livestock husbandry	20	10	10	0	0	0	0	0	0
Aquaculture	20	10	10	0	0	0	0	0	0
Crop production	20	10	10	0	0	0	0	0	0
Horse husbandry	20	10	10	0	0	0	0	0	0
Agroecology and natural resources	20	10	10	0	0	0	0	0	0
Viticulture and enology	20	10	10	0	0	0	0	0	0
Agricultural and natural resources, other	20	10	10	0	0	0	0	0	0
Equestrian	20	10	10	0	0	0	0	0	0
Agricultural and natural resources, other	20	10	10	0	0	0	0	0	0
Applied horticulture	20	10	10	0	0	0	0	0	0
Ornamental horticulture	20	10	10	0	0	0	0	0	0
Landscaping	20	10	10	0	0	0	0	0	0
Turf and turfgrass	20	10	10	0	0	0	0	0	0
Applied horticulture	20	10	10	0	0	0	0	0	0
International agriculture	20	10	10	0	0	0	0	0	0
Agricultural and natural resources, other	20	10	10	0	0	0	0	0	0
Agricultural communication	20	10	10	0	0	0	0	0	0
Agricultural public relations	20	10	10	0	0	0	0	0	0
Animal sciences, general	20	10	10	0	0	0	0	0	0
Agricultural animal breeding	20	10	10	0	0	0	0	0	0
Animal health	20	10	10	0	0	0	0	0	0
Animal nutrition	20	10	10	0	0	0	0	0	0
Dairy science	20	10	10	0	0	0	0	0	0
Livestock management	20	10	10	0	0	0	0	0	0
Poultry science	20	10	10	0	0	0	0	0	0
Animal sciences, other	20	10	10	0	0	0	0	0	0
Food science	20	10	10	0	0	0	0	0	0
Food technology and processing	20	10	10	0	0	0	0	0	0
Food science and technology, other	20	10	10	0	0	0	0	0	0
Plant sciences, general	20	10	10	0	0	0	0	0	0
Agronomy and crop science	20	10	10	0	0	0	0	0	0
Horticultural science	20	10	10	0	0	0	0	0	0
Agncultural and horticultural plant breeding	20	10	10	0	0	0	0	0	0
Plant protection and integrated pest management	20	10	10	0	0	0	0	0	0
Range science and management	20	10	10	0	0	0	0	0	0
Plant sciences, other	20	10	10	0	0	0	0	0	0
Soil science and agronomy, general	20	10	10	0	0	0	0	0	0
Soil chemistry and physics	20	10	10	0	0	0	0	0	0
Soil sciences, other	20	10	10	0	0	0	0	0	0
Agriculture, agriculture operations, and related sciences, other	20	10	10	0	0	0	0	0	0
Natural resources and conservation	12,766	6,850	5,916	3,283	1,552	1,731	554	307	247
Natural resources/conservation, general	1,302	733	569	490	203	287	74	34	40
Environmental studies	4,298	2,013	2,285	681	293	388	50	25	25
Environmental science	3,638	1,791	1,847	780	341	439	108	45	63
Natural resources conservation and research, other	5	1	4	27	12	15	3	1	2
Natural resources management and policy	494	276	218	410	184	226	46	29	17
Natural resource economics	37	23	14	8	6	2	7	1	6
Water, wetlands, and marine resources management	73	39	34	82	27	55	0	0	0
Land use planning and management/development	50	28	22	68	40	28	10	5	5
Natural resource recreation and tourism	55	39	16	0	0	0	0	0	0
Natural resources law enforcement and protective services	31	29	2	0	0	0	0	0	0
Natural resources management and policy, other	229	122	107	15	7	8	0	0	0



# Digest of Education Statistics 2012

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**Thomas D. Snyder**

National Center for Education Statistics

**Sally A. Dillow**

American Institutes for Research

**U.S. Department of Education**

Arne Duncan  
*Secretary*

**Institute of Education Sciences**

John Q. Easton  
*Director*

**National Center for Education Statistics**

Jack Buckley  
*Commissioner*

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**Content Contact**

Thomas D. Snyder  
(202) 502-7452  
[tom.snyder@ed.gov](mailto:tom.snyder@ed.gov)



# FOREWORD

The 2012 edition of the *Digest of Education Statistics* is the 48th in a series of publications initiated in 1962. The *Digest* has been issued annually except for combined editions for the years 1977–78, 1983–84, and 1985–86. Its primary purpose is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest*, material must be nationwide in scope and of current interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to data on educational attainment, finances, federal funds for education, libraries, and international comparisons. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data. Although the *Digest* contains important information on federal education funding, more detailed information on federal activities is available from federal education program offices.

The *Digest* contains seven chapters: All Levels of Education, Elementary and Secondary Education, Postsecondary Education, Federal Programs for Education and Related Activities, Outcomes of Education, International Comparisons of Education, and Libraries and Adult Education. Preceding these chapters is an Introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The *Digest* concludes with three appendixes. The first appendix, Guide to Sources, provides a brief synopsis of the surveys used to generate the *Digest* tables; the second, Definitions, is included to help readers understand terms used in the *Digest*; and the third, Index of Table Numbers, allows readers to quickly locate tables on specific topics.

In addition to updating many of the statistics that have appeared in previous years, this edition contains new material, including

- Percentage distribution of 6- to 18-year-olds, by parent's highest level of educational attainment, household type (either two-parent or single-parent), and child's race/ethnicity (table 12);
- Enrollment and percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and region (table 44);
- Number and percentage of public school students participating in programs for English language learners, by state (table 47);
- Children 3 to 21 years old served under Individuals with Disabilities Education Act, Part B, by race/ethnicity and age group (table 49);
- Percentage of 3-, 4-, and 5-year-old children enrolled in preprimary programs, by attendance status, level of program, and selected child and family characteristics (table 57);
- Number and enrollment of public elementary and secondary schools that have closed, by school level and type (table 109);
- Number and percentage distribution of public school students eligible for free or reduced-price lunch, by school level, locale, and student race/ethnicity (table 112);
- Public elementary and secondary charter schools and enrollment, by state (table 117);
- First-time kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by selected child, family, and school characteristics (table 135);
- Number and percentage distribution of kindergartners, by kindergarten entry status (i.e., early entrant, on-time entrant, delayed entrant, or kindergarten repeater) and selected child, family, and school characteristics (table 136);
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- Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, family poverty status, and race/ethnicity (table 429);
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The *Digest* can be accessed from <http://nces.ed.gov/programs/digest>.

Jack Buckley  
Commissioner for Education Statistics

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### Chapter 3. Postsecondary Education

#### *Enrollment*

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# READER'S GUIDE

## Data Sources

The data in this volume were obtained from many different sources—including students and teachers, state education agencies, local elementary and secondary schools, and colleges and universities—using surveys and compilations of administrative records. Users should be cautious when comparing data from different sources. Differences in aspects such as procedures, timing, question phrasing, and interviewer training can affect the comparability of results across data sources.

Most of the tables present data from surveys conducted by the National Center for Education Statistics (NCES) or conducted by other agencies and organizations with support from NCES. Some tables also include other data published by federal and state agencies, private research organizations, or professional organizations. Brief descriptions of the surveys and other data sources used in this volume can be found in Appendix A: Guide to Sources. For each NCES and non-NCES data source, the Guide to Sources also provides information on where to obtain further details about that source.

Data are obtained primarily from two types of surveys: universe surveys and sample surveys. In universe surveys, information is collected from every member of the population. For example, in a survey regarding certain expenditures of public elementary and secondary schools, data would be obtained from each school district in the United States. When data from an entire population are available, estimates of the total population or a subpopulation are made by simply summing the units in the population or subpopulation. As a result, there is no sampling error, and observed differences are reported as true.

Since a universe survey is often expensive and time consuming, many surveys collect data from a sample of the population of interest (sample survey). For example, the National Assessment of Educational Progress (NAEP) assesses a representative sample of students rather than the entire population of students. When a sample survey is used, statistical uncertainty is introduced, because the data come from only a portion of the entire population. This statistical uncertainty must be considered when reporting estimates and making comparisons. For information about how NCES accounts for statistical uncertainty when reporting sample survey results, see “Data Analysis and Interpretation,” later in this Reader’s Guide.

## Common Measures and Indexes

Various types of statistics derived from universe and sample surveys are reported. Many tables report the size of a population or a subpopulation, and often the size of a subpopulation is expressed as a percentage of the total population.

In addition, the average (or *mean*) value of some characteristic of the population or subpopulation may be reported. The average is obtained by summing the values for all members of the population and dividing the sum by the size of the population. An example is the average annual salary of full-time instructional faculty at postsecondary degree-granting institutions. Another measure that is sometimes used is the *median*. The median is the midpoint value of a characteristic at or above which 50 percent of the population is estimated to fall, and at or below which 50 percent of the population is estimated to fall. An example is the median annual earnings of young adults who are full-time year-round workers. Some tables also present an *average per capita*, or per person, which represents an average computed for every person in a specified group or population. It is derived by dividing the total for an item (such as income or expenditures) by the number of persons in the specified population.

Many tables report financial data in dollar amounts. Unless otherwise noted, all financial data are in *current dollars*, meaning not adjusted for changes in the purchasing power of the dollar over time due to inflation. For example, 1991–92 teacher salaries in current dollars are the amounts that the teachers earned in 1991–92, without any adjustments to account for inflation. *Constant dollar* adjustments attempt to remove the effects of price changes (inflation) from statistical series reported in dollars. For example, if teacher salaries over a 20-year period are adjusted to constant 2011–12 dollars, the salaries for all years are adjusted to the dollar values that presumably would exist if prices in each year were the same as in 2011–12, in other words, as if the dollar had constant purchasing power over the entire period. Any changes in the constant dollar amounts would reflect only changes in real values. Constant dollar amounts are computed using *price indexes*. Price indexes for inflation adjustments can be found in table 34. Each table that presents constant dollars includes a note indicating which index was used for the inflation adjustments; in most cases, the Consumer Price Index was used.

When presenting data for a time series, some tables include both *actual* and *projected* data. Actual data are data that have already been collected. Projected data can be used when data

for a recent or future year are not yet available. Projections are estimates that are based on recent trends in relevant statistics and patterns associated with correlated variables. Unless otherwise noted, all data in this volume are actual.

## Standard Errors

Using estimates calculated from data based on a sample of the population requires consideration of several factors before the estimates become meaningful. When using data from a sample, some margin of error will always be present in estimations of characteristics of the total population or subpopulation because the data are available from only a portion of the total population. Consequently, data from samples can provide only an approximation of the true or actual value. The margin of error of an estimate, or the range of potential true or actual values, depends on several factors such as the amount of variation in the responses, the size and representativeness of the sample, and the size of the subgroup for which the estimate is computed. The magnitude of this margin of error is measured by what statisticians call the “standard error” of an estimate.

When data from sample surveys are reported, the standard error is calculated for each estimate. In the tables, the standard error for each estimate generally appears in parentheses next to the estimate to which it applies. In order to caution the reader when interpreting findings, estimates from sample surveys are flagged with a “!” when the standard error is between 30 and 50 percent of the estimate, and suppressed with a “‡” when the standard error is 50 percent of the estimate or greater.

## Nonsampling Errors

In addition to standard errors, which apply only to sample surveys, all surveys are subject to nonsampling errors. Nonsampling errors may arise when individual respondents or interviewers interpret questions differently; when respondents must estimate values, or when coders, keyers, and other processors handle answers differently; when people who should be included in the universe are not; or when people fail to respond, either totally or partially. Total nonresponse means that people do not respond to the survey at all, while partial nonresponse (or item nonresponse) means that people fail to respond to specific survey items. To compensate for nonresponse, adjustments are often made. For universe surveys, an adjustment made for either type of nonresponse, total or partial, is often referred to as an imputation, which is often a substitution of the “average” questionnaire response for the nonresponse. For universe surveys, imputations are usually made separately within various groups of sample members that have similar survey characteristics. For sample surveys, total nonresponse is handled through nonresponse adjustments to the sample weights. For sample surveys, imputation for item nonresponse is usually made by substituting for a missing item the response to that item of a respondent having characteristics

that are similar to those of the nonrespondent. For additional general information about imputations, see the *NCES Statistical Standards* (NCES 2003-601). Appendix A: Guide to Sources includes some information about specific surveys’ response rates, nonresponse adjustments, and other efforts to reduce nonsampling error. Although the magnitude of non-sampling error is frequently unknown, idiosyncrasies that have been identified are noted in the appropriate tables.

## Data Analysis and Interpretation

When estimates are from a sample, caution is warranted when drawing conclusions about one estimate in comparison to another, or about whether a time series of estimates is increasing, decreasing, or staying the same. Although one estimate may appear to be larger than another, a statistical test may find that the apparent difference between them is not reliably measurable due to the uncertainty around the estimates. In this case, the estimates will be described as having no measurable difference, meaning that the difference between them is not statistically significant.

Whether differences in means or percentages are statistically significant can be determined using the standard errors of the estimates. In reports produced by NCES, when differences are statistically significant, the probability that the difference occurred by chance is less than 5 percent, according to NCES standards.

Data presented in the text do not investigate more complex hypotheses, account for interrelationships among variables, or support causal inferences. We encourage readers who are interested in more complex questions and in-depth analysis to explore other NCES resources, including publications, online data tools, and public- and restricted-use datasets at <http://nces.ed.gov>.

In all text that reports estimates based on samples, differences between estimates (including increases and decreases) are stated only when they are statistically significant. To determine whether differences reported are statistically significant, two-tailed *t* tests at the .05 level are typically used. The *t* test formula for determining statistical significance is adjusted when the samples being compared are dependent. The *t* test formula is not adjusted for multiple comparisons, with the exception of statistical tests conducted using the NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). When the variables to be tested are postulated to form a trend, the relationship may be tested using linear regression, logistic regression, or ANOVA trend analysis instead of a series of *t* tests. These alternate methods of analysis test for specific relationships (e.g., linear, quadratic, or cubic) among variables. For more information on data analysis, please see the *NCES Statistical Standards*, Standard 5-1, available at [http://nces.ed.gov/statprog/2002/std5\\_1.asp](http://nces.ed.gov/statprog/2002/std5_1.asp).

A number of considerations influence the ultimate selection of the data years to include in the tables and to feature in the text. To make analyses as timely as possible, the latest year of available data is shown. The choice of comparison years is often also based on the need to show the earliest

available survey year, as in the case of NAEP and the international assessment surveys. The text typically compares the most current year's data with those from the initial year and then with those from a more recent year. In the case of surveys with long time frames, such as surveys measuring enrollment, changes over the course of a decade may be noted in the text. Where applicable, the text may also note years in which the data begin to diverge from previous trends. In figures and tables, intervening years are selected in increments in order to show the general trend.

## Rounding and Other Considerations

All calculations are based on unrounded estimates. Therefore, the reader may find that a calculation, such as a difference or a percentage change, cited in the text or a figure may not be identical to the calculation obtained by using the rounded values shown in the accompanying tables. Although values reported in the tables are generally rounded to one decimal place (e.g., 76.5 percent), values reported in the text are generally rounded to whole numbers (with any value of 0.50 or above rounded to the next highest whole number). Due to rounding, cumulative percentages may sometimes equal 99 or 101 percent rather than 100 percent.

## Race and Ethnicity

The Office of Management and Budget (OMB) is responsible for the standards that govern the categories used to collect and present federal data on race and ethnicity. The OMB revised the guidelines on racial/ethnic categories used by the federal government in October 1997, with a January 2003 deadline for implementation. The revised standards require a minimum of these five categories for data on race: American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, and White. The standards also require the collection of data on the ethnicity categories Hispanic or Latino and Not Hispanic or Latino. It is important to note that Hispanic origin is an ethnicity rather than a race, and therefore persons of Hispanic origin may be of any race. Origin can be viewed as the heritage, nationality group, lineage, or country of birth of the person or the person's parents or ancestors before their arrival in the United States. The race categories White, Black, Asian, Native Hawaiian or Other Pacific Islander, and American Indian or Alaska Native exclude persons of Hispanic origin unless otherwise noted.

For a description of each racial/ethnic category, please see the "Racial/ethnic group" entry in Appendix B: Definitions. Some of the category labels are shortened for more concise presentation in text, tables, and figures. American Indian or Alaska Native is denoted as American Indian/Alaska Native (except when separate estimates are available for American Indians alone or Alaska Natives alone); Black or African American is shortened to Black; and Hispanic or Latino is shortened to Hispanic. When discussed separately

from Asian estimates, Native Hawaiian or Other Pacific Islander is shortened to Pacific Islander.

Many of the data sources used for this volume are federal surveys that collect data using the OMB standards for racial/ethnic classification described above; however, some sources have not fully adopted the standards, and some tables include historical data collected prior to the adoption of the OMB standards. Asians and Pacific Islanders are combined into a single category for years in which the data were not collected separately for the two groups. The combined category can sometimes mask significant differences between the two subgroups. For example, prior to 2011, NAEP collected data that did not allow for separate reporting of estimates for Asians and Pacific Islanders. The population counts presented in table 21, based on the U.S. Census Bureau's Current Population Reports, indicate that 96 percent of all Asian/Pacific Islander 5- to 24-year-olds were Asian in 2010. Thus, the combined category for Asians/Pacific Islanders is more representative of Asians than of Pacific Islanders.

Some surveys give respondents the option of selecting either an "other" race category, a "two or more races" or "multiracial" category, or both. Where possible, tables present data on the "two or more races" category; however, in some cases this category may not be separately shown because the information was not collected or due to other data issues. Some tables include the "other" category. Any comparisons made between persons of one racial/ethnic group and persons of "all other racial/ethnic groups" include only the racial/ethnic groups shown in the reference table. In some surveys, respondents are not given the option to select more than one race. In these surveys, respondents of two or more races must select a single race category. Any comparisons between data from surveys that give the option to select more than one race and surveys that do not offer such an option should take into account the fact that there is a potential for bias if members of one racial group are more likely than members of the others to identify themselves as "two or more races."<sup>1</sup> For postsecondary data, foreign students are counted separately and are therefore not included in any racial/ethnic category.

In addition to the major racial/ethnic categories, several tables include Hispanic ancestry subgroups (such as Mexican, Puerto Rican, Cuban, Dominican, Salvadoran, Other Central American, and South American) and Asian ancestry subgroups (such as Asian Indian, Chinese, Filipino, Japanese, Korean, and Vietnamese). In addition, selected tables include "two or more races" subgroups (such as White and Black, White and Asian, and White and American Indian/Alaska Native).

<sup>1</sup>For discussion of such bias in responses to the 2000 Census, see Parker, J. et al. (2004). Bridging Between Two Standards for Collecting Information on Race and Ethnicity: An Application to Census 2000 and Vital Rates. *Public Health Reports*, 119(2): 192–205. Available at <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=1497618>.

## Limitations of the Data

Due to large standard errors, some differences that seem substantial are not statistically significant and, therefore, are not cited in the text. This situation often applies to estimates involving American Indians/Alaska Natives and Pacific Islanders. The relatively small sizes of these populations pose many measurement difficulties when conducting statistical analysis. Even in larger surveys, the numbers of American Indians/Alaska Natives and Pacific Islanders included in a sample are often small. Researchers studying data on these two populations often face small sample sizes that increase the size of standard errors and reduce the reliability of results. Readers should keep these limitations in mind when comparing estimates presented in the tables.

As mentioned, caution should be exercised when comparing data from different sources. Differences in sampling, data

collection procedures, coverage of target population, timing, phrasing of questions, scope of nonresponse, interviewer training, and data processing and coding mean that results from different sources may not be strictly comparable. For example, the racial/ethnic categories presented to a respondent, and the way in which the question is asked, can influence the response, especially for individuals who consider themselves of mixed race or ethnicity. In addition, data on American Indians/Alaska Natives are often subject to inaccuracies that can result from respondents self-identifying their race/ethnicity. Research on the collection of race/ethnicity data suggests that the categorization of American Indian and Alaska Native is the least stable self-identification.<sup>2</sup>

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<sup>2</sup>See U.S. Department of Labor, Bureau of Labor Statistics (1995). *A Test of Methods for Collecting Racial and Ethnic Information* (USDL 95-428). Washington DC: Author.



# INTRODUCTION

The Introduction provides an overview of key data presented throughout this volume, describing in brief the participation of students, teachers, and faculty in U.S. educational institutions; the performance of U.S. elementary/secondary students overall and in comparison to students in other countries; the numbers of high school graduates and postsecondary degrees; and the amounts of expenditures on education at the elementary/secondary and postsecondary levels.

In fall 2012, about 76.3 million people were enrolled in American schools and colleges (table 1). About 4.7 million people were employed as elementary and secondary school teachers or as college faculty, in full-time equivalents (FTE). Other professional, administrative, and support staff at educational institutions totaled 5.6 million. All data for 2012 in this Introduction are projected, except for data on educational attainment. Some data for other years are projected or estimated as noted. In discussions of historical trends, different time periods and specific years are cited, depending on the timing of important changes as well as the availability of relevant data.

## Elementary/Secondary Education

### *Enrollment*

A pattern of annual increases in total public elementary and secondary school enrollment began in 1985, but enrollment stabilized at 49.3 million between 2006 and 2008, before beginning to increase again (table 3). Overall, public school enrollment rose 26 percent, from 39.4 million to 49.8 million, between 1985 and 2012. Private school enrollment fluctuated during this period, with the fall 2012 enrollment of 5.3 million being 5 percent lower than the enrollment of 5.6 million in 1985. About 10 percent of elementary and secondary school students were enrolled in private schools in 2012.

In public schools between 1985 and 2012, there was a 30 percent increase in elementary enrollment (prekindergarten through grade 8), compared with a 19 percent increase in secondary enrollment (grades 9 through 12) (table 3). Part of the relatively fast growth in public elementary school enrollment resulted from the expansion of prekindergarten enrollment (table 39). Between fall 1985 and fall 2010, enrollment in prekindergarten increased 745 percent, while enrollment in other elementary grades (including kindergarten through grade 8 plus ungraded elementary programs) increased 24 percent. The number of children enrolled in prekindergarten increased from 0.2 million in 1985 to 1.3 million in 2010, and the number enrolled in other elementary grades increased from 26.9 million to 33.3 million. Public secondary school

enrollment declined 8 percent from 1985 to 1990, but then increased 33 percent from 1990 to 2007, before declining 2 percent from 2007 to 2012 (table 3). Between 1990 and 2012, the net increase in public secondary school enrollment was 30 percent, compared with a 17 percent increase in public elementary school enrollment. Overall, public school enrollment rose 3 percent between 2002 and 2012.

Since the enrollment rates of 5- and 6-year-olds, 7- to 13-year-olds, and 14- to 17-year-olds changed by about 2 or fewer percentage points from 1985 to 2011, increases in public elementary and secondary school enrollment primarily reflect increases in the number of children in these age groups (tables 7 and 19). For example, the enrollment rate of 7- to 13-year-olds decreased from 99 to 98 percent between 1985 and 2011, but the number of 7- to 13-year-olds increased by 25 percent. Increases in both the enrollment rate of 3- and 4-year-old children (from 39 percent in 1985 to 52 percent in 2011) and the number of children in this age group (from 7.1 million to 8.2 million) also contributed to overall enrollment increases.

The National Center for Education Statistics (NCES) projects record levels of total elementary and secondary enrollment from 2012 (55.1 million) through at least 2021 (58.4 million) (table 3). For public schools, the projected fall 2012 enrollment is expected to be a new record, and new records are expected every year through 2021, the last year for which NCES enrollment projections have been developed. Public elementary school enrollment (prekindergarten through grade 8) is projected to increase by 7 percent between 2012 and 2021. Public secondary school enrollment (grades 9 through 12) is expected to increase 5 percent between 2012 and 2021. Overall, total public school enrollment is expected to increase 7 percent between 2012 and 2021.

### *Teachers*

A projected 3.7 million full-time-equivalent (FTE) elementary and secondary school teachers were engaged in classroom instruction in fall 2012 (table 4). This number has risen 7 percent since 2002. The 2012 projected number of FTE teachers includes 3.3 million public school teachers and 0.4 million private school teachers.

The number of public school teachers has increased by a larger percentage than the number of public school students over the past 10 years, resulting in declines in the pupil/teacher ratio (table 76). In fall 2002, the number of public school pupils per teacher was 15.9, compared with a projected number of 15.2 public school pupils per teacher in fall 2012.

The average salary for public school teachers in 2011–12 was \$56,643 in current dollars (i.e., dollars that are not adjusted for inflation) (table 90). In constant (i.e., inflation-adjusted) dollars, the average salary was about 1 percent higher in 2011–12 than in 1990–91.

## Student Performance

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs: the national main NAEP, state NAEP, and long-term trend NAEP. The national main NAEP and state NAEP provide current information about student performance in a variety of subjects, while long-term trend NAEP provides information on performance since the early 1970s in reading and mathematics only. Results from long-term trend NAEP are included in the discussion in chapter 2 of the *Digest*, while the information in this Introduction includes only results from the national main and state NAEP.

The main NAEP reports current information for the nation and specific geographic regions of the country. The assessment program includes students drawn from both public and private schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board and use the latest advances in assessment methodology. The state NAEP is identical in content to the national main NAEP, but the state NAEP reports information only for public school students. Chapter 2 presents more information on the NAEP designs and methodology, and additional details appear in Appendix A: Guide to Sources.

## Reading

The main NAEP assessment data are reported on a scale of 0 to 500. From 2009 to 2011, there were no measurable changes in average reading scores for 4th-grade males and females or for 4th-grade students from any of the five racial/ethnic groups (table 141). From 1992 to 2011, male 4th-graders' average reading scores increased from 213 to 218 and female 4th-graders' scores increased from 221 to 225 (tables 141 and 142). The 2011 average NAEP reading score for 8th-graders was 1 point higher than the 2009 score and 5 points higher than the 1992 score. For 12th-graders, the 2009 average reading score was 4 points lower than the score in 1992 but 2 points higher than the score in 2005 (12th-graders were not assessed in 2007 or 2011).

The 2011 main NAEP reading assessment of states found that the average reading proficiency of public school 4th- and 8th-graders varied across participating jurisdictions (the 50 states, the Department of Defense overseas and domestic schools, and the District of Columbia). For 4th-graders in public schools, the U.S. average score was 220, with average scores in participating jurisdictions ranging from 201 in the District of Columbia to 237 in Massachusetts (table 146). For 8th-graders in public schools, the U.S. average score

was 264, with average scores in participating jurisdictions ranging from 242 in the District of Columbia to 275 in Connecticut, New Jersey, and Massachusetts (table 148).

## Mathematics

The average mathematics score for the nation's 4th-graders in 2011 was higher than the scores in the eight previous assessment years (table 160). On a 0- to 500-point scale, 4th-graders scored 1 point higher in 2011 than in 2009 and 28 points higher than in 1990 (the first assessment year). Average scores for White, Black, and Hispanic 4th-graders were higher in 2011 than in any of the previous assessment years. The 25-point score gap between White and Black 4th-graders in 2011 was not significantly different from the gap in 2009. However, larger gains from 1990 to 2011 for Black 4th-graders than for White 4th-graders contributed to a smaller gap in 2011 than in 1990. The 20-point score gap between White and Hispanic 4th-graders in 2011 was not significantly different from the gap in either 2009 or 1990. For the nation's 8th-graders, the average mathematics score in 2011 was also higher than the scores in the eight previous assessment years. Eighth-graders scored 1 point higher in 2011 than in 2009 and 21 points higher than in 1990. The average score for female 8th-graders was higher in 2011 than in 2009, while there was no significant change in the score for males. Scores for both groups were higher in 2011 than in the earlier assessment years, from 1990 to 2007. Male 8th-graders scored 1 point higher, on average, than female 8th-graders in 2011. While there were no significant changes from 2009 to 2011 in the average scores for White or Black 8th-graders, the average score for Hispanic 8th-graders was 4 points higher in 2011 than in 2009. Scores for all three groups were higher in 2011 than in 1990. The 31-point score gap between White and Black 8th-graders in 2011 did not differ significantly from the gap in either 2009 or 1990. The 23-point score gap between White and Hispanic 8th-graders in 2011 was smaller than the gap in 2009 but not significantly different from the gap in 1990. For 12th-graders, the average mathematics score (reported on a scale of 0 to 300) was 3 points higher in 2009 than in 2005 (data for 12th-graders were not collected in 2011). Average scores increased from 2005 to 2009 for both male and female 12th-graders as well as for 12th-graders from all the racial/ethnic groups.

The 2011 main NAEP assessment of states found that the average mathematics proficiency of public school 4th- and 8th-graders varied across participating jurisdictions (the 50 states, the Department of Defense overseas and domestic schools, and the District of Columbia). For 4th-graders in public schools, the U.S. average score was 240, with average scores in participating jurisdictions ranging from 222 in the District of Columbia to 252 in New Hampshire and 253 in Massachusetts (table 164). For 8th-graders in public schools, the U.S. average score was 283, with average scores in participating jurisdictions ranging from 260 in the District of Columbia to 299 in Massachusetts (table 165).

## Science

NAEP has assessed the science abilities of students in grades 4, 8, and 12 in both public and private schools since 1996. As of 2009, however, NAEP science assessments are based on a new framework, so results from these assessments cannot be compared to results from earlier science assessments. Scores are based on a scale ranging from 0 to 300. In 2009, White 4th-graders had a higher average science score (163) than did Black (127), Hispanic (131), Asian/Pacific Islander (160), and American Indian/Alaska Native (135) 4th-graders (table 168). The average science score was higher for male 4th-graders (151) than for female 4th-graders (149). In 2009, the pattern of differences in average science scores by students' race/ethnicity at grade 8 was similar to the pattern at grade 4. The average science score also was higher for male 8th-graders (152) than for female 8th-graders (148). At grade 12, average scores for White (159) and Asian/Pacific Islander (164) students were higher than the scores for Black (125), Hispanic (134), and American Indian/Alaska Native (144) students. The average science score in 2009 for male 12th-graders (153) was higher than the score for female 12th-graders (147). In 2011, a science assessment was conducted at grade 8 only. The average 8th-grade science score increased from 150 in 2009 to 152 in 2011. Although the average science score of White 8th-graders continued to be higher than the average scores of 8th-graders in the other racial/ethnic groups in 2011, score gaps between White and Black 8th-graders and between White and Hispanic 8th-graders narrowed from 2009 to 2011. In 2011, the average score of male 8th-graders was 5 points higher than the average score of female 8th-graders, which was not significantly different from the 4-point gap in 2009.

## International Comparisons

The 2011 Trends in International Mathematics and Science Study (TIMSS) assessed students' mathematics and science performance at grade 4 in 45 countries and at grade 8 in 38 countries. In addition to countries, a number of subnational entities—including the public school systems in several U.S. states—also participated in TIMSS as separate education systems. Results for the participating states are included in the discussion in chapter 6 of the *Digest*, while this Introduction includes only results for the United States and other countries. TIMSS assessments are curriculum based and measure what students have actually learned against the subject matter that is expected to be taught in the participating countries by the end of grades 4 and 8. At both grades, TIMSS scores are reported on a scale of 0 to 1,000, with the scale average set at 500. In 2011, the average mathematics scores of U.S. 4th-graders (541) and 8th-graders (509) were higher than the scale average (tables 460 and 461). U.S. 4th-graders scored higher in mathematics, on average, than their counterparts in 37 countries and lower than those in 3 countries (table 460). Average mathematics scores in the other 4 countries were not measurably different from the U.S. average. At grade 8, the average U.S. mathematics score was higher than the average

scores of students in 27 countries in 2011 and below the average scores of students in 4 countries (table 461). Average 8th-grade mathematics scores in the other 6 countries were not measurably different from the U.S. average. The average science scores of both U.S. 4th-graders (544) and U.S. 8th-graders (525) were higher than the TIMSS scale average of 500 in 2011. The average U.S. 4th-grade science score was higher than the average scores of students in 39 countries and lower than those of students in 5 countries. At grade 8, the average U.S. science score was higher than the average scores of students in 28 countries, lower than those in 6 countries, and not measurably different from those in the other 3 countries.

The 2009 Program for International Student Assessment (PISA) assessed 15-year-olds' reading, mathematics, and science literacy in 34 countries that are members of the Organization for Economic Cooperation and Development (OECD) and in 31 non-OECD jurisdictions. PISA scores are reported on a scale of 0 to 1,000. In reading literacy, the average score of 15-year-olds in the United States was 500, which was not measurably different from the OECD average of 493 (table 463). The average reading literacy score in the United States was lower than the average score in 6 of the 33 other OECD countries that participated in the 2009 assessment, higher than the average score in 13 of the other OECD countries, and not measurably different from the average score in 14 of the OECD countries. Three of the 31 participating non-OECD jurisdictions had higher average reading literacy scores than the United States. In mathematics literacy, U.S. 15-year-olds' average score of 487 on the 2009 PISA was lower than the OECD average score of 496. The average mathematics literacy score in the United States was lower than the average score in 17 OECD countries, higher than the average score in 5 OECD countries, and not measurably different from the average score in 11 OECD countries. Six of the non-OECD jurisdictions had higher average mathematics literacy scores than the United States. In science literacy, the average score of 15-year-olds in the United States was not measurably different from the OECD average score. The U.S. average science literacy score was lower than the average score in 12 OECD countries, higher than the average score in 9 OECD countries, and not measurably different from the average score in 12 OECD countries. Six of the non-OECD jurisdictions had higher science literacy scores than the United States.

The Progress in International Reading Literacy Study (PIRLS) measures the reading knowledge and skills of 4th-graders over time. On the 2011 PIRLS, U.S. 4th-graders had an average reading literacy score of 556 (table 462). The U.S. average score in 2011 was 14 points higher than in 2001 and 16 points higher than in 2006. In all 3 assessment years, the U.S. average score was higher than the PIRLS scale average. (PIRLS scores are reported on a scale from 0 to 1,000, with the scale average set at 500.) In 2011, PIRLS assessed 4th-grade reading literacy in 40 countries. The average reading literacy score of 4th-graders in the United States was higher than the average score in 33 of the 39 other participating countries, lower than the average score in 3 countries, and not measurably different from the average in the remaining 3 countries.

## High School Graduates and Dropouts

About 3,376,000 high school students are expected to graduate during the 2012–13 school year (table 122), including about 3,092,000 public school graduates and 283,000 private school graduates. High school graduates include only recipients of diplomas, not recipients of equivalency credentials. The number of high school graduates projected for 2012–13 is lower than the record high in 2009–10, but exceeds the high point during the baby boom era in 1975–76, when 3,142,000 students earned diplomas. In 2009–10, an estimated 78.2 percent of public high school students graduated on time—that is, received a diploma 4 years after beginning their freshman year (table 124).

The number of General Educational Development (GED) credentials issued by the states to GED test passers rose from 330,000 in 1977 to 487,000 in 2000 (table 127). A record number of 648,000 GED credentials were issued in 2001. In 2002, there were revisions to the GED test and to the data reporting procedures. In 2001, test takers were required to successfully complete all five components of the GED or else begin the five-part series again with the new test that was introduced in 2002. Prior to 2002, reporting was based on summary data from the states on the number of GED credentials issued. As of 2002, reporting has been based on individual GED candidate- and test-level records collected by the GED Testing Service. Between 2002 and 2011, the number of persons passing the GED tests increased by 32 percent, from 330,000 to 434,000.<sup>1</sup>

The percentage of dropouts among 16- to 24-year-olds has decreased over the past two decades. This percentage, known as the status dropout rate, includes all people in the 16- to 24-year-old age group who are not enrolled in school and who have not completed a high school program, regardless of when they left school. (People who left school but went on to receive a GED credential are not treated as dropouts in this measure.) Between 1990 and 2011, the status dropout rate declined from 12.1 percent to 7.1 percent (table 128). Although the status dropout rate declined for both Blacks and Hispanics during this period, their rates in 2011 (7.3 and 13.6 percent, respectively) remained higher than the rate for Whites (5.0 percent). This measure is based on the civilian noninstitutionalized population, which excludes people in prisons, people in the military, and other people not living in households.

## Educational Technology

The number of computers used for instruction in public elementary and secondary schools has increased. In 2008,

the average public school contained 189 instructional computers, compared to 110 in 2000 (table 120). Most of these computers (98 percent) had internet access in 2008, up from 77 percent in 2000. There were 3 students per computer with internet access in 2008, compared to 7 students per computer with internet access in 2000.

## Postsecondary Education

### College Enrollment

College enrollment was 21.0 million in fall 2011, which was nearly as high as the record enrollment in fall 2010 (table 3). College enrollment is expected to set new records from fall 2012 through fall 2021. Between fall 2011 and fall 2021, enrollment is expected to increase by 13 percent. Despite decreases in the size of the traditional college-age population (18 to 24 years old) during the late 1980s and early 1990s, total enrollment increased during this period (tables 19 and 221). The traditional college-age population rose 11 percent between 2001 and 2011, and total college enrollment increased 32 percent during the same period. Between 2001 and 2011, the number of full-time students increased by 38 percent, compared with a 23 percent increase in part-time students (table 221). During the same time period, the number of males enrolled increased 30 percent, while the number of females enrolled increased 33 percent.

### Faculty

In fall 2011, degree-granting institutions—defined as postsecondary institutions that grant an associate’s or higher degree and are eligible for Title IV federal financial aid programs—employed 1.5 million faculty members, including 0.8 million full-time and 0.8 million part-time faculty (table 286). In addition, degree-granting institutions employed 0.4 million graduate assistants.

### Postsecondary Degrees

During the 2012–13 academic year, postsecondary degrees are projected to number 993,000 associate’s degrees; 1,812,000 bachelor’s degrees; 756,000 master’s degrees; and 175,000 doctor’s degrees (table 310). The doctor’s degree total includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees. Between 2000–01 and 2010–11 (the last year of actual data), the number of degrees conferred increased at all levels. The number of associate’s degrees was 63 percent higher in 2010–11 than in 2000–01, the number of bachelor’s degrees was 38 percent higher, the number of master’s degrees was 54 percent higher, and the number of doctor’s degrees was 37 percent higher.

<sup>1</sup>Information on changes in GED test series and reporting is based on the 2003 edition of *Who Passed the GED Tests?*, by the GED Testing Service of the American Council on Education, as well as communication with staff of the GED Testing Service.

Between 2000–01 and 2010–11, the number of bachelor's degrees awarded to males increased 38 percent, as did the number of bachelor's degrees awarded to females. Females earned 57 percent of all bachelor's degrees in 2010–11, the same percentage as in 2000–01. Between 2000–01 and 2010–11, the number of White students earning bachelor's degrees increased 28 percent, compared with the larger increases of 55 percent for Black students, 98 percent for Hispanic students, 53 percent for Asian/Pacific Islander students, and 32 percent for American Indian/Alaska Native students (table 328). In 2010–11, White students earned 69 percent of all bachelor's degrees awarded (vs. 75 percent in 2000–01), Black students earned 10 percent (vs. 9 percent in 2000–01), Hispanic students earned 9 percent (vs. 6 percent in 2000–01), and Asian/Pacific Islander students earned 7 percent (vs. 6 percent in 2000–01). American Indian/Alaska Native students earned about 1 percent of the degrees in both years.

### ***Undergraduate Prices***

For the 2011–12 academic year, annual prices for undergraduate tuition, room, and board were estimated to be \$14,292 at public institutions, \$37,768 at private nonprofit institutions, and \$23,330 at private for-profit institutions (table 381). Between 2001–02 and 2011–12, prices for undergraduate tuition, room, and board at public institutions rose 40 percent, and prices at private nonprofit institutions rose 28 percent, after adjustment for inflation. Prices for total tuition, room, and board at private for-profit institutions were 2 percent lower in 2011–12 than in 2001–02.

## **Educational Attainment**

The U.S. Census Bureau collects annual statistics on the educational attainment of the population. Between 2002 and 2012, the percentage of the adult population 25 years of age and over who had completed high school rose from 84 percent to 88 percent, and the percentage of adults with a bachelor's degree increased from 27 percent to 31 percent (table 8). High school completers include those people who graduated from high school with a diploma, as well as those who completed high school through equivalency programs. The percentage of young adults (25- to 29-year-olds) who had completed high school increased from 86 percent in 2002 to 90 percent in 2012 (table 9).<sup>2</sup> The percentage of young adults who had completed a bachelor's degree increased from 29 percent in 2002 to 33 percent in 2012.

## **Education Expenditures**

Expenditures for public and private education, from pre-kindergarten through graduate school (excluding postsecondary schools not awarding associate's or higher degrees), are estimated at \$1.2 trillion for 2011–12 (table 28). Expenditures of elementary and secondary schools are expected to total \$700 billion, while those of degree-granting postsecondary institutions are expected to total \$483 billion. Total expenditures for education are expected to amount to 7.8 percent of the gross domestic product in 2011–12, about 0.5 percentage points higher than in 2001–02.

<sup>2</sup>For the 2002 data on high school completion and bachelor's degree attainment of 25- to 29-year-olds, see *Digest of Education Statistics 2011* (NCES 2012-001), table 8.



## CHAPTER 1

# All Levels of Education

This chapter provides a broad overview of education in the United States. It brings together material from preprimary, elementary, secondary, and postsecondary education, as well as from the general population, to present a composite picture of the American educational system. Tables feature data on the total number of people enrolled in school, the number of teachers, the number of schools, and total expenditures for education at all levels. This chapter also includes statistics on education-related topics such as educational attainment, computer and internet usage, family characteristics, and population. Economic indicators and price indexes have been added to facilitate analyses.

Many of the statistics in this chapter are derived from the statistical activities of the National Center for Education Statistics (NCES). In addition, substantial contributions have been drawn from the work of other groups, both governmental and nongovernmental, as shown in the source notes of the tables. Information on survey methodologies is contained in Appendix A: Guide to Sources and in the publications cited in the table source notes.

## The U.S. System of Education

The U.S. system of education can be described as having three levels of formal education (elementary, secondary, and postsecondary) (figure 1). Students may spend 1 to 3 years in preprimary programs (prekindergarten [PK] and kindergarten [K]), which may be offered either in separate schools or in elementary schools that also offer higher grades. (In *Digest of Education Statistics* tables, prekindergarten and kindergarten are generally defined as a part of elementary education.) Following kindergarten, students ordinarily spend from 6 to 8 years in elementary school. The elementary school program is followed by a 4- to 6-year program in secondary school. Students normally complete the entire program through grade 12 by age 18. Education at the elementary and secondary levels is provided in a range of institutional settings—including elementary schools (preprimary schools, middle schools, and schools offering broader ranges of elementary grades); secondary schools (junior high schools, high schools, and senior high schools); and combined elementary/secondary schools—that vary in structure from locality to locality.

High school graduates who decide to continue their education may enter a specialized career/technical institution, a 2-year community or junior college, or a 4-year college or university. A 2-year college normally offers the first 2 years of a standard 4-year college curriculum and a selection of terminal career and technical education programs. Academic courses completed at a 2-year college are usually transferable for credit at a 4-year college or university. A career/technical institution offers postsecondary technical training programs of varying lengths leading to a specific career.

An associate's degree requires at least 2 years of postsecondary coursework, and a bachelor's degree normally requires 4 years of postsecondary coursework. At least 1 year of coursework beyond the bachelor's is necessary for a master's degree, while a doctor's degree usually requires a minimum of 3 or 4 years beyond the bachelor's.

Professional schools differ widely in admission requirements and program length. Medical students, for example, generally complete a bachelor's program of premedical studies at a college or university before they can enter the 4-year program at a medical school. Law programs normally require 3 years of coursework beyond the bachelor's degree level.

## Enrollment

Total enrollment in public and private elementary and secondary schools (prekindergarten through grade 12) grew rapidly during the 1950s and 1960s, reaching a peak year in 1971 (table A, table 3, and figure 2). This enrollment rise reflected what is known as the “baby boom,” a dramatic increase in births following World War II. Between 1971 and 1984, total elementary and secondary school enrollment decreased every year, reflecting the decline in the size of the school-age population over that period. After these years of decline, enrollment in elementary and secondary schools started increasing in fall 1985, began hitting new record levels in the mid-1990s, and continued to reach new record levels every year through 2006. Enrollment in fall 2010 (54.9 million) was about the same as in fall 2009 (also 54.9 million), but slightly lower than in fall 2006 (55.3 million). However, annual enrollment increases are projected from fall 2011 through fall 2021 (the last year for which NCES has projected school enrollment).

**Table A. Total elementary and secondary school enrollment, by overall trends: Selected years, 1949–50 to fall 2011**

Trend and year	Number of students (in millions)
"Baby boom" increases	
1949–50 school year .....	28.5
Fall 1959 .....	40.9
Fall 1969 .....	51.1
Fall 1971 (peak) .....	51.3
13 years with annual declines	
Fall 1972 (first year of decline) .....	50.7
Fall 1984 (final year of decline) .....	44.9
Annual increases from 1985 to 2006	
Fall 1985 .....	45.0
Fall 1996 (new record highs begin) .....	51.5
Fall 2006 (final year of record highs) .....	55.3
Slight declines or stable enrollment	
Fall 2007 .....	55.2
Fall 2008 .....	55.0
Fall 2009 .....	54.9
Fall 2010 .....	54.9
Annual increases projected to start again	
Fall 2011 .....	55.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States, 1949–50; Statistics of Public Elementary and Secondary School Systems, 1959 through 1972; Common Core of Data (CCD), 1984 through 2010; Private School Universe Survey (PSS), 1997–98 through 2009–10; and Projections of Education Statistics to 2021.*

From 1985 to 2011, total public and private school enrollment rates changed by about 2 percentage points or less for 5- and 6-year-olds (no measurable difference between 1985 and 2011), 7- to 13-year-olds (99 percent in 1985 vs. 98 percent in 2011), and 14- to 17-year-olds (95 percent in 1985 vs. 97 percent in 2011) (table 7). Since these enrollment rates remained relatively steady between 1985 and 2011, increases in public and private elementary and secondary school enrollment primarily reflect increases in the number of children in these age groups. Between 1985 and 2011, the number of 5- and 6-year-olds increased by 18 percent, the number of 7- to 13-year-olds increased by 25 percent, and the number of 14- to 17-year-olds increased by 13 percent (table 19). Increases in the enrollment rate of prekindergarten age children (ages 3 and 4) from 39 percent in 1985 to 52 percent in 2011 (table 7) and in the number of 3- and 4-year-olds from 7.1 million to 8.2 million (table 19) also contributed to overall prekindergarten through grade 12 enrollment increases.

Public school enrollment at the elementary level (prekindergarten through grade 8) rose from 29.9 million in fall 1990 to 34.2 million in fall 2003 (table 3). After a decrease of less than 1 percent between fall 2003 and fall 2004, elementary enrollment generally increased to a projected total of 35.1 million for fall 2012. Public elementary enrollment is projected to continue increasing annually, for an increase of 7 percent between 2012 and 2021. Public school enrollment at the secondary level (grades 9 through 12) rose from 11.3 million in 1990 to 15.1 million in 2007, but then declined 2 percent to a projected enrollment of 14.8 million in 2012. Public secondary enrollment is projected to increase about 5 percent between 2012 and 2021. Total public ele-

mentary and secondary enrollment is projected to set new records every year from 2012 to 2021.

The percentage of students in private elementary and secondary schools declined from 11.4 percent in fall 1999 to 10.0 percent in fall 2009 (table 3). In fall 2012, an estimated 5.3 million students were enrolled in private schools at the elementary and secondary levels.

Total enrollment in public and private postsecondary degree-granting institutions reached 14.5 million in fall 1992 and decreased to 14.3 million in fall 1995 (derived from table 3). Total enrollment increased 47 percent between 1995 and 2011 (to 21.0 million), and a further increase of 13 percent is expected between fall 2011 and fall 2021. The percentage of students who attended private institutions rose from 23 to 28 percent between 2001 and 2011. In fall 2011, about 5.9 million students attended private institutions, with about 3.9 million in nonprofit institutions and 2.0 million in for-profit institutions (table 221). Enrollment increases in postsecondary degree-granting institutions have been driven by both increases in population and increases in enrollment rates. For example, the percentage of 18- and 19-year-olds enrolled in postsecondary degree-granting institutions rose from 44 to 50 percent between 2001 and 2011, and the enrollment rate of 20- to 24-year-olds rose from 34 percent to 40 percent (table 7). During the same period, the number of 18- and 19-year-olds rose 8 percent, and the number of 20- to 24-year-olds rose 12 percent (table 19).

## Educational Attainment

The percentages of adults 25 years old and over completing high school and higher education have been rising. In 2012, some 88 percent of the population 25 years old and over had completed at least high school, and 31 percent had completed a bachelor's or higher degree (table 8 and figure 3). These percentages are higher than in 2002, when 84 percent had completed at least high school and 27 percent had completed a bachelor's or higher degree. In 2012, about 8 percent of people 25 years old or over held a master's degree as their highest degree and 3 percent held a doctor's or first-professional degree (table 10).

Among young adults (25- to 29-year-olds), the percentage who had completed at least high school increased from 86 percent in 2002 to 90 percent in 2012 (table 9 and figure 4).<sup>1</sup> The percentage of young adults who had completed a bachelor's or higher degree increased from 29 percent in 2002 to 33 percent in 2012. In 2012, about 5 percent of young adults held a master's degree as their highest degree and 2 percent held a doctor's or first-professional degree (table 10 and figure 5).

In both 2002 and 2012, the educational attainment of young adults differed by race/ethnicity. From 2002 to 2012,

<sup>1</sup>For the 2002 data on high school completion and bachelor's degree attainment of 25- to 29-year-olds, see *Digest of Education Statistics 2011* (NCES 2012-001), table 8.



the percentage of 25- to 29-year-olds who had completed at least high school increased from 93 to 95 percent for Whites and from 62 to 75 percent for Hispanics (figure 6). During this period, there was no measurable change in the percentage of Black and Asian 25- to 29-year-olds who had completed high school. In 2012, the percentage of 25- to 29-year-olds who had completed high school was higher for Whites (95 percent) and Asians (96 percent) than for Blacks (89 percent); the percentage for Hispanics (75 percent) was lower than for Whites, Asians, or Blacks (table 9 and figure 6). In 2012, the percentage of bachelor's degree holders also varied among 25- to 29-year-olds of different racial/ethnic groups, with 62 percent of Asians in this age group holding a bachelor's or higher degree, compared with 40 percent of Whites, 23 percent of Blacks, and 15 percent of Hispanics.

## Teachers and Faculty

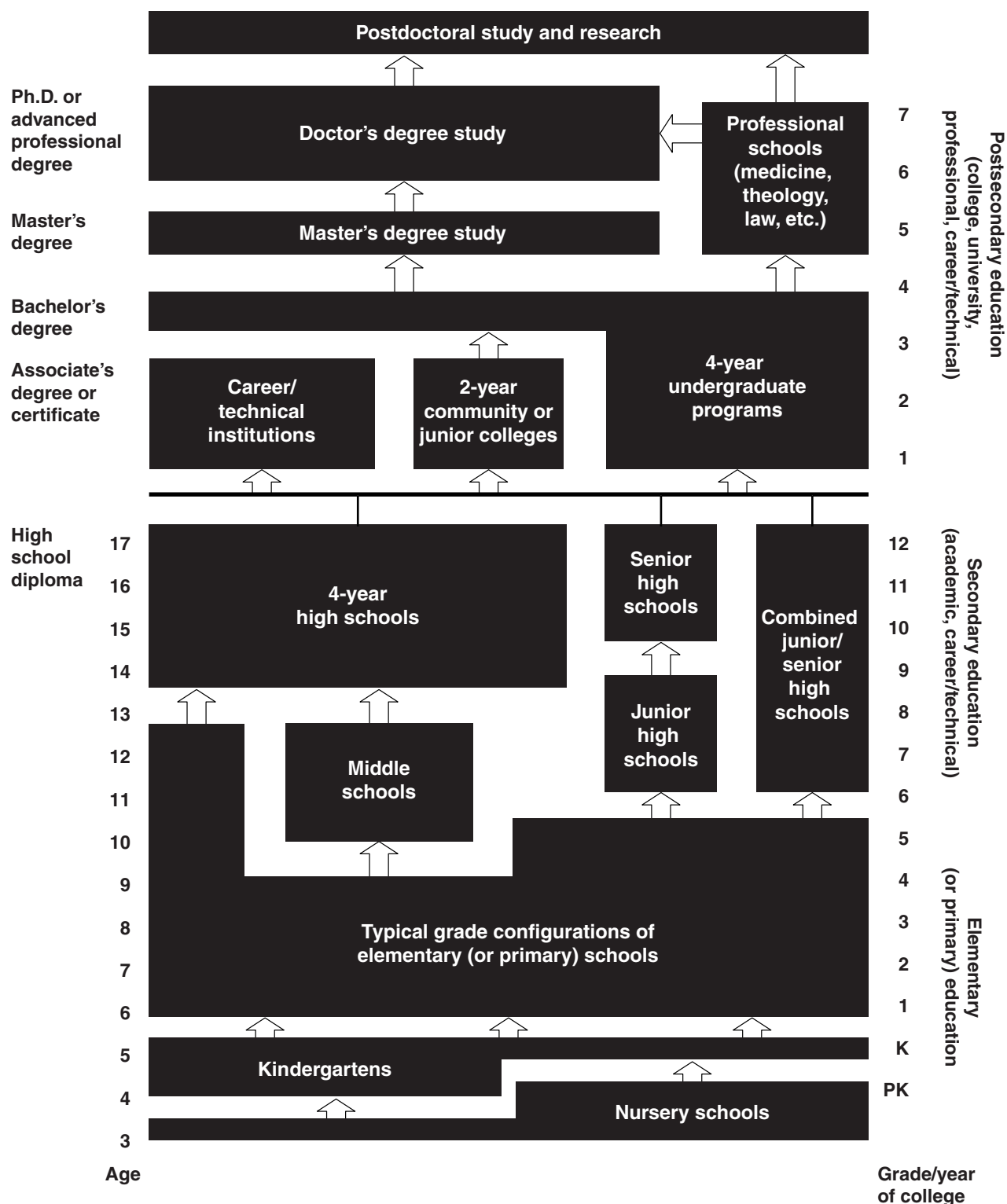
A projected 3.7 million elementary and secondary school full-time-equivalent (FTE) teachers were engaged in classroom instruction in the fall of 2012 (table 4), an increase of about 7 percent over 2002. The number of FTE public school teachers in 2012 was about 3.3 million, and the number of

FTE private school teachers was about 0.4 million. FTE faculty at postsecondary degree-granting institutions totaled a projected 1.0 million in 2012, including 0.7 million at public institutions and 0.4 million at private institutions (table 1).

## Expenditures

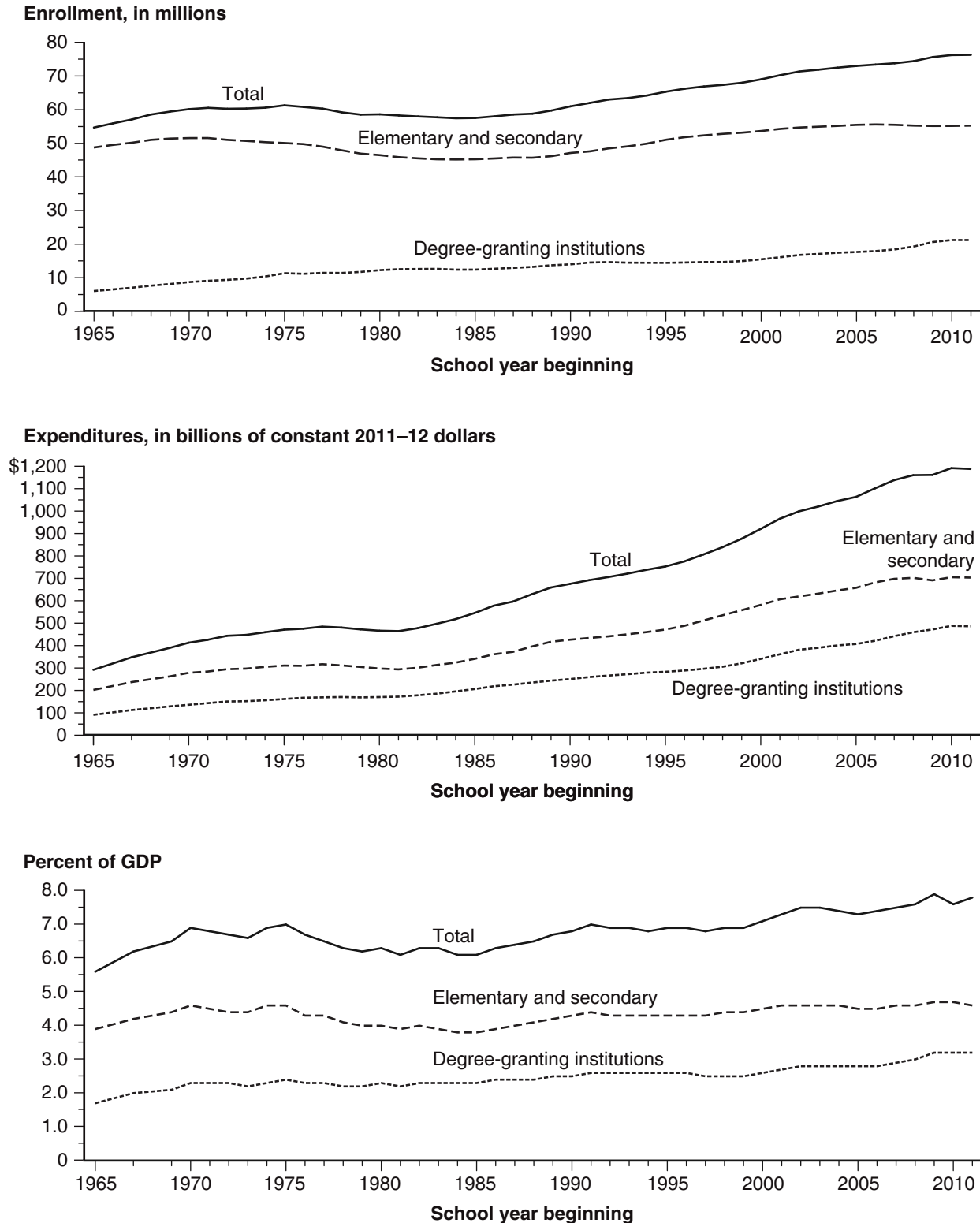
Expenditures of educational institutions were an estimated \$1.2 trillion for the 2011–12 school year (table 29 and figure 2). Elementary and secondary schools spent about 59 percent of this total (\$700 billion), and colleges and universities spent the remaining 41 percent (\$483 billion). After adjustment for inflation, total expenditures of all educational institutions rose by an estimated 23 percent between 2001–02 and 2011–12. Inflation-adjusted expenditures of elementary and secondary schools rose by an estimated 16 percent during this period, while those of postsecondary degree-granting institutions rose by an estimated 35 percent. In 2011–12, expenditures of educational institutions were an estimated 7.8 percent of the gross domestic product (table 28).

Figure 1. The structure of education in the United States



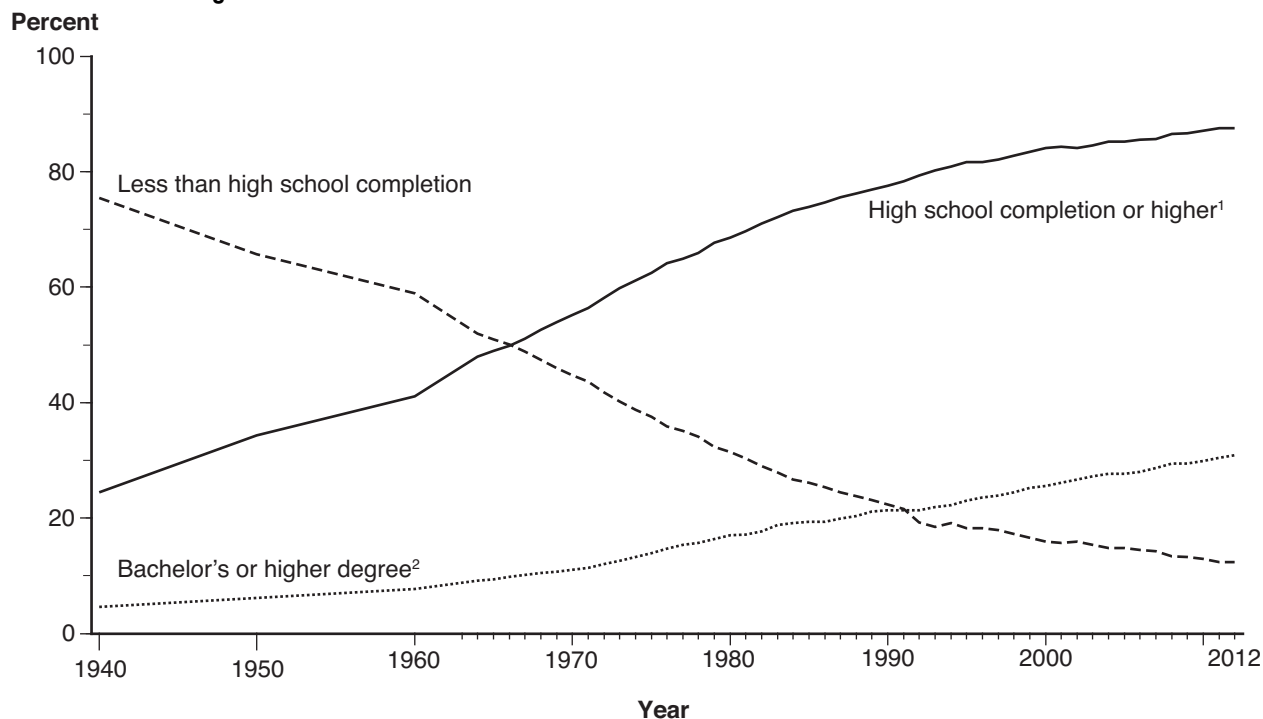
NOTE: Figure is not intended to show relative number of institutions nor relative size of enrollment for the different levels of education. Figure reflects typical patterns of progression rather than all possible variations. Adult education programs, while not separately delineated above, may provide instruction at the adult basic, adult secondary, or postsecondary education levels. SOURCE: U.S. Department of Education, National Center for Education Statistics, Annual Reports Program.

**Figure 2. Enrollment, total expenditures in constant dollars, and expenditures as a percentage of the gross domestic product (GDP), by level of education: Selected years, 1965–66 through 2011–12**



NOTE: Elementary and secondary enrollment data for school year 2011 (2011–12) are projected. Elementary and secondary expenditure data for school years 2010 and 2011 (2010–11 and 2011–12) are estimated. Postsecondary expenditure data for school year 2011 (2011–12) are estimated.

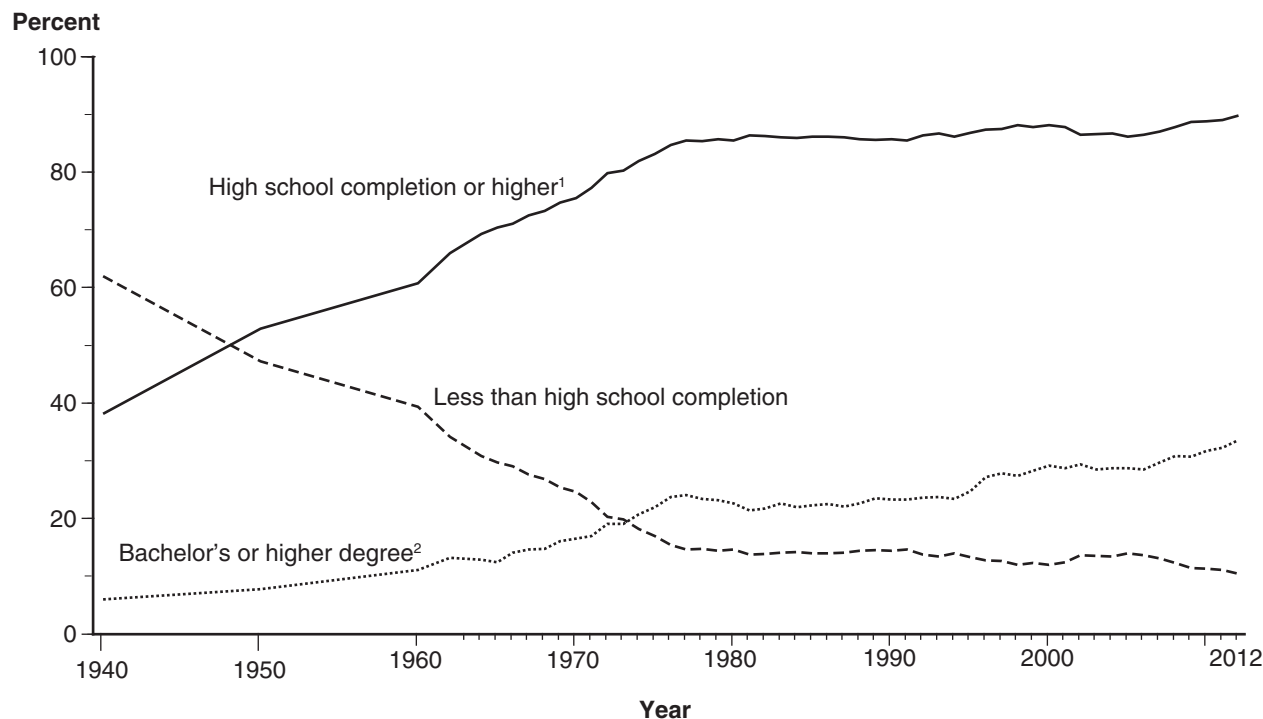
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, 1965–66 through 1969–70; *Statistics of Public Elementary and Secondary School Systems*, 1965 through 1980; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1981–82 through 2010–11, and "National Public Education Financial Survey," 1987–88 through 2009–10; Private School Universe Survey (PSS), 1989–90 through 2009–10; *Projections of Education Statistics to 2021*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Financial Statistics of Institutions of Higher Education" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99) and "Finance Survey" (IPEDS-F:FY87–99); and IPEDS Spring 2001 through Spring 2012, Enrollment and Finance components. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts Tables, retrieved January 10, 2013, from [http://www.bea.gov/table/index\\_nipa.cfm](http://www.bea.gov/table/index_nipa.cfm).

**Figure 3. Percentage of persons 25 years old and over, by highest level of educational attainment: Selected years, 1940 through 2012**

<sup>1</sup>Includes high school completion through equivalency programs, such as a GED program. For years prior to 1993, includes all persons with 4 or more years of high school.

<sup>2</sup>For years prior to 1993, includes all persons with 4 or more years of college.

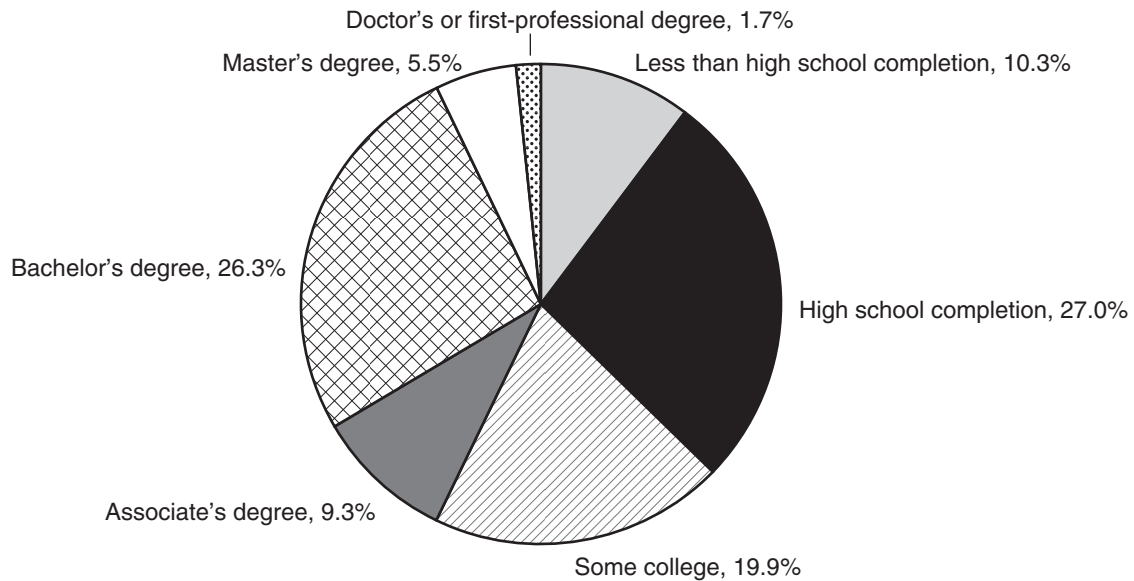
SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), March 1961 through March 2012.

**Figure 4. Percentage of persons 25 through 29 years old, by highest level of educational attainment: Selected years, 1940 through 2012**

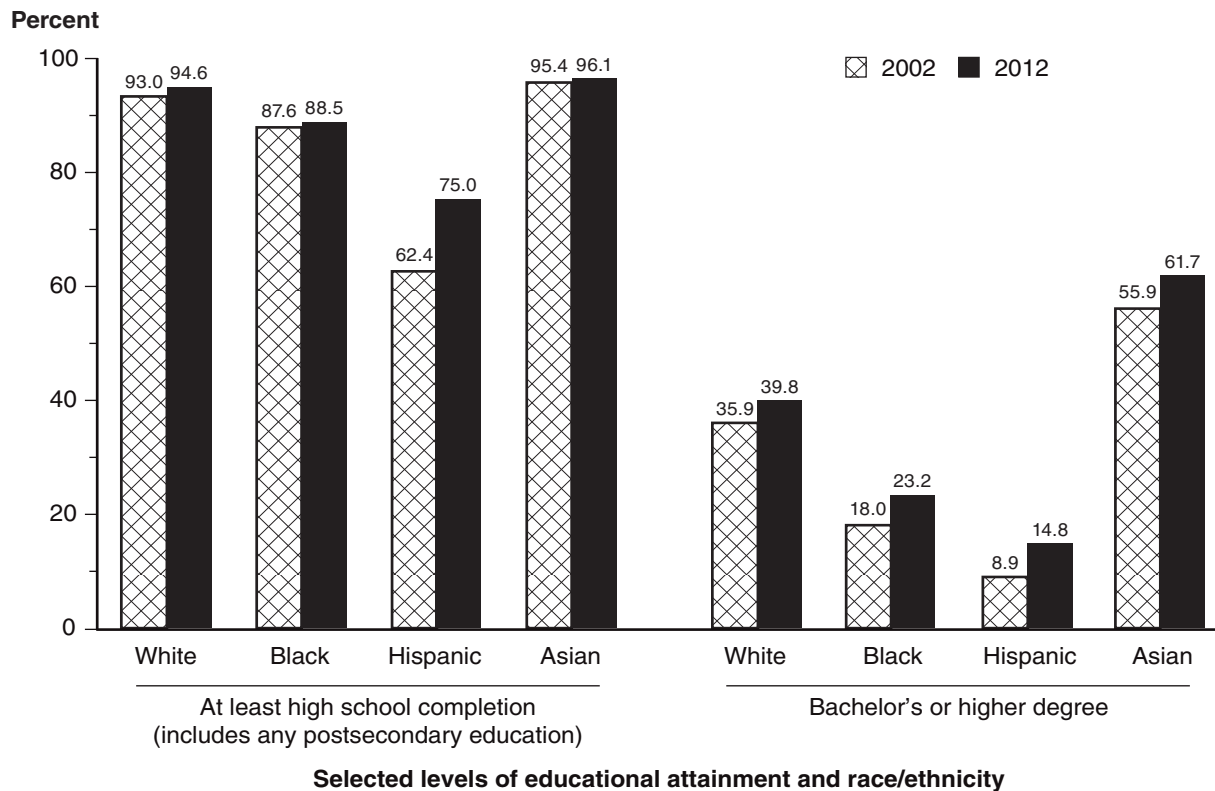
<sup>1</sup>Includes high school completion through equivalency programs, such as a GED program. For years prior to 1993, includes all persons with 4 or more years of high school.

<sup>2</sup>For years prior to 1993, includes all persons with 4 or more years of college.

SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), March 1961 through March 2012.

**Figure 5. Highest level of education attained by persons 25 through 29 years old: March 2012**

NOTE: High school completion includes equivalency programs, such as a GED program. Detail may not sum to totals because of rounding.  
 SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2012.

**Figure 6. Percentage of persons 25 through 29 years old, by selected levels of educational attainment and race/ethnicity: 2002 and 2012**

NOTE: High school completion includes equivalency programs, such as a GED program. For 2002, Asian includes Pacific Islander. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2002 and March 2012.

**Table 1. Projected number of participants in educational institutions, by level and control of institution: Fall 2012**  
[In millions]

Participants	All levels (elementary, secondary, and postsecondary degree-granting)	Elementary and secondary schools			Postsecondary degree-granting institutions		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
<b>Total.....</b>	<b>86.7</b>	<b>62.4</b>	<b>56.4</b>	<b>6.0</b>	<b>24.2</b>	<b>17.2</b>	<b>7.0</b>
Enrollment .....	76.3	55.1	49.8	5.3	21.3	15.3	6.0
Teachers and faculty .....	4.7	3.7	3.3	0.4	1.0	0.7	0.4
Other professional, administrative, and support staff .....	5.6	3.6	3.3	0.3	2.0	1.3	0.7

NOTE: Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes federal Bureau of Indian Education schools and Department of Defense schools. Excludes private preprimary enrollment in schools that do not offer kindergarten or above. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data for teachers and other staff in public and private elementary and secondary schools and col-

leges and universities are reported in terms of full-time equivalents. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Projections of Education Statistics to 2021*; and unpublished projections and estimates. (This table was prepared January 2013.)

**Table 2. Enrollment in educational institutions, by level and control of institution, enrollment level, and attendance status and sex of student: Selected years, fall 1980 through fall 2021**  
[In thousands]

Level and control of institution, enrollment level, and attendance status and sex of student	Actual				Projected										
	1980	1990	2000	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All levels .....	58,305	60,683	68,685	75,892	75,950	76,344	76,773	77,331	77,898	78,523	79,246	79,993	80,746	81,509	82,199
Elementary and secondary schools <sup>1</sup> .....	46,208	46,864	53,373	54,876	54,956	55,091	55,288	55,599	55,957	56,330	56,722	57,098	57,507	57,975	58,444
Public .....	40,877	41,217	47,204	49,484	49,636	49,828	50,067	50,407	50,773	51,146	51,524	51,880	52,260	52,688	53,113
Private .....	5,331	5,648 <sup>2</sup>	6,169 <sup>2</sup>	5,391 <sup>2</sup>	5,320	5,263	5,221	5,192	5,183	5,185	5,198	5,218	5,247	5,287	5,331
Prekindergarten to grade 8....	31,639	34,388	38,592	38,716	38,909	39,115	39,334	39,539	39,788	40,114	40,451	40,797	41,149	41,506	41,861
Public <sup>3</sup> .....	27,647	29,876	33,686	34,625	34,849	35,076	35,301	35,502	35,735	36,029	36,329	36,639	36,956	37,278	37,598
Private .....	3,992	4,512 <sup>2</sup>	4,906 <sup>2</sup>	4,091 <sup>2</sup>	4,060	4,039	4,033	4,037	4,053	4,085	4,122	4,158	4,193	4,228	4,263
Grades 9 to 12 .....	14,570	12,476	14,781	16,160	16,047	15,976	15,954	16,060	16,169	16,217	16,271	16,301	16,358	16,469	16,583
Public <sup>3</sup> .....	13,231	11,341	13,517	14,860	14,787	14,752	14,766	14,905	15,038	15,116	15,195	15,241	15,304	15,410	15,515
Private .....	1,339	1,136 <sup>2</sup>	1,264 <sup>2</sup>	1,300 <sup>2</sup>	1,260	1,224	1,188	1,155	1,130	1,100	1,076	1,061	1,054	1,059	1,068
Postsecondary degree-granting institutions .....	12,097	13,819	15,312	21,016	20,994 <sup>4</sup>	21,253	21,485	21,731	21,941	22,194	22,524	22,895	23,239	23,534	23,755
Undergraduate .....	10,475	11,959	13,155	18,079	18,063 <sup>4</sup>	18,262	18,436	18,622	18,779	18,973	19,238	19,542	19,842	20,105	20,303
Full-time .....	6,362	6,976	7,923	11,452	11,359 <sup>4</sup>	11,466	11,547	11,631	11,693	11,784	11,926	12,104	12,293	12,463	12,591
Part-time .....	4,113	4,983	5,232	6,627	6,704 <sup>4</sup>	6,796	6,888	6,991	7,085	7,189	7,312	7,438	7,549	7,642	7,712
Male .....	5,000	5,380	5,778	7,835	7,817 <sup>4</sup>	7,874	7,910	7,927	7,934	7,972	8,043	8,130	8,227	8,316	8,389
Female .....	5,475	6,579	7,377	10,244	10,246 <sup>4</sup>	10,388	10,525	10,695	10,845	11,001	11,195	11,412	11,615	11,789	11,914
2-year .....	4,525	5,240	5,948	7,681	7,500 <sup>4</sup>	7,583	7,663	7,756	7,835	7,931	8,055	8,194	8,325	8,435	8,514
4-year .....	5,950	6,719	7,207	10,398	10,563 <sup>4</sup>	10,678	10,772	10,866	10,944	11,043	11,184	11,348	11,517	11,670	11,789
Public .....	8,442	9,710	10,539	13,704	13,689 <sup>4</sup>	13,840	13,975	14,120	14,242	14,393	14,598	14,830	15,061	15,259	15,408
Private .....	2,033	2,250	2,616	4,374	4,374 <sup>4</sup>	4,421	4,461	4,502	4,537	4,580	4,640	4,712	4,782	4,847	4,895
Postbaccalaureate .....	1,622	1,860	2,157	2,937	2,931 <sup>4</sup>	2,991	3,050	3,110	3,162	3,220	3,286	3,353	3,397	3,429	3,453
Full-time .....	736	845	1,087	1,631	1,642 <sup>4</sup>	1,680	1,714	1,746	1,773	1,801	1,835	1,867	1,887	1,898	1,906
Part-time .....	886	1,015	1,070	1,307	1,289 <sup>4</sup>	1,311	1,335	1,364	1,389	1,419	1,451	1,485	1,511	1,531	1,547
Male .....	874	904	944	1,210	1,210 <sup>4</sup>	1,233	1,250	1,262	1,273	1,289	1,307	1,327	1,339	1,347	1,353
Female .....	748	955	1,213	1,728	1,722 <sup>4</sup>	1,758	1,800	1,848	1,889	1,932	1,978	2,026	2,058	2,082	2,100

<sup>1</sup>Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes homeschooled children who were not also enrolled in public and private schools. Based on the National Household Education Survey, the homeschooled children numbered approximately 1.5 million in 2007. Private elementary enrollment includes preprimary students in schools offering kindergarten or higher grades.

<sup>2</sup>Estimated.

<sup>3</sup>Includes prorated proportion of students classified as ungraded.

<sup>4</sup>Data are actual.

NOTE: Postsecondary data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant

degrees. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems, 1980*; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1990–91 through 2010–11; Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFIEHES:2007); Private School Universe Survey (PSS), 1995–96 through 2009–10; *Projections of Education Statistics to 2021*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1980 and 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90–99); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared January 2012.)

**Table 3. Enrollment in educational institutions, by level and control of institution: Selected years, 1869–70 through fall 2021**  
[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools <sup>1</sup>			Postsecondary degree-granting institutions <sup>2</sup>		
			Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
1869–70.....	—	—	6,872	6,792	80	—	—	—	52	—	—
1879–80.....	—	—	9,868	9,757	110	—	—	—	116	—	—
1889–90.....	14,491	14,334	12,723	12,520	203	1,611	1,516	95	157	—	—
1899–1900.....	17,092	16,855	15,503	14,984	519	1,352	1,241	111	238	—	—
1909–10.....	19,728	19,372	17,814	16,899	915	1,558	1,441	117	355	—	—
1919–20.....	23,876	23,278	21,578	19,378	2,200	1,699	1,486	214	598	—	—
1929–30.....	29,430	28,329	25,678	21,279	4,399	2,651	2,310	341	1,101	—	—
1939–40.....	29,539	28,045	25,434	18,832	6,601	2,611	2,153	458	1,494	797	698
1949–50.....	31,151	28,492	25,111	19,387	5,725	3,380	2,708	672	2,659	1,355	1,304
Fall 1959.....	44,497	40,857	35,182	26,911	8,271	5,675	4,640	1,035	3,640	2,181	1,459
Fall 1969.....	59,055	51,050	45,550	32,513	13,037	5,500 <sup>3</sup>	4,200 <sup>3</sup>	1,300 <sup>3</sup>	8,005	5,897	2,108
Fall 1970.....	59,838	51,257	45,894	32,558	13,336	5,363	4,052	1,311	8,581	6,428	2,153
Fall 1971.....	60,220	51,271	46,071	32,318	13,753	5,200 <sup>3</sup>	3,900 <sup>3</sup>	1,300 <sup>3</sup>	8,949	6,804	2,144
Fall 1972.....	59,941	50,726	45,726	31,879	13,848	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	9,215	7,071	2,144
Fall 1973.....	60,047	50,445	45,445	31,401	14,044	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	9,602	7,420	2,183
Fall 1974.....	60,297	50,073	45,073	30,971	14,103	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	10,224	7,989	2,235
Fall 1975.....	61,004	49,819	44,819	30,515	14,304	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	11,185	8,835	2,350
Fall 1976.....	60,490	49,478	44,311	29,997	14,314	5,167	3,825	1,342	11,012	8,653	2,359
Fall 1977.....	60,003	48,717	43,577	29,375	14,203	5,140	3,797	1,343	11,286	8,847	2,439
Fall 1978.....	58,897	47,637	42,551	28,463	14,088	5,086	3,732	1,353	11,260	8,786	2,474
Fall 1979.....	58,221	46,651	41,651	28,034	13,616	5,000 <sup>3</sup>	3,700 <sup>3</sup>	1,300 <sup>3</sup>	11,570	9,037	2,533
Fall 1980.....	58,305	46,208	40,877	27,647	13,231	5,331	3,992	1,339	12,097	9,457	2,640
Fall 1981.....	57,916	45,544	40,044	27,280	12,764	5,500 <sup>3</sup>	4,100 <sup>3</sup>	1,400 <sup>3</sup>	12,372	9,647	2,725
Fall 1982.....	57,591	45,166	39,566	27,161	12,405	5,600 <sup>3</sup>	4,200 <sup>3</sup>	1,400 <sup>3</sup>	12,426	9,696	2,730
Fall 1983.....	57,432	44,967	39,252	26,981	12,271	5,715	4,315	1,400	12,465	9,683	2,782
Fall 1984.....	57,150	44,908	39,208	26,905	12,304	5,700 <sup>3</sup>	4,300 <sup>3</sup>	1,400 <sup>3</sup>	12,242	9,477	2,765
Fall 1985.....	57,226	44,979	39,422	27,034	12,388	5,557	4,195	1,362	12,247	9,479	2,768
Fall 1986.....	57,709	45,205	39,753	27,420	12,333	5,452 <sup>3</sup>	4,116 <sup>3</sup>	1,336 <sup>3</sup>	12,504	9,714	2,790
Fall 1987.....	58,254	45,488	40,008	27,933	12,076	5,479	4,232	1,247	12,767	9,973	2,793
Fall 1988.....	58,485	45,430	40,189	28,501	11,687	5,242 <sup>3</sup>	4,036 <sup>3</sup>	1,206 <sup>3</sup>	13,055	10,161	2,894
Fall 1989.....	59,680	46,141	40,543	29,150	11,393	5,599	4,468	1,131	13,539	10,578	2,961
Fall 1990.....	60,683	46,864	41,217	29,876	11,341	5,648 <sup>3</sup>	4,512 <sup>3</sup>	1,136 <sup>3</sup>	13,819	10,845	2,974
Fall 1991.....	62,087	47,728	42,047	30,503	11,544	5,681	4,550	1,131	14,359	11,310	3,049
Fall 1992.....	63,181	48,694	42,823	31,086	11,737	5,870 <sup>3</sup>	4,746 <sup>3</sup>	1,125 <sup>3</sup>	14,487	11,385	3,103
Fall 1993.....	63,837	49,532	43,465	31,502	11,963	6,067	4,950	1,118	14,305	11,189	3,116
Fall 1994.....	64,385	50,106	44,111	31,896	12,215	5,994 <sup>3</sup>	4,856 <sup>3</sup>	1,138 <sup>3</sup>	14,279	11,134	3,145
Fall 1995.....	65,020	50,759	44,840	32,338	12,502	5,918	4,756	1,163	14,262	11,092	3,169
Fall 1996.....	65,911	51,544	45,611	32,762	12,849	5,933 <sup>3</sup>	4,755 <sup>3</sup>	1,178 <sup>3</sup>	14,368	11,120	3,247
Fall 1997.....	66,574	52,071	46,127	33,071	13,056	5,944	4,759	1,185	14,502	11,196	3,306
Fall 1998.....	67,033	52,526	46,539	33,344	13,195	5,988 <sup>3</sup>	4,776 <sup>3</sup>	1,212 <sup>3</sup>	14,507	11,138	3,369
Fall 1999.....	67,725	52,875	46,857	33,486	13,371	6,018	4,789	1,229	14,850	11,376	3,474
Fall 2000.....	68,685	53,373	47,204	33,686	13,517	6,169 <sup>3</sup>	4,906 <sup>3</sup>	1,264 <sup>3</sup>	15,312	11,753	3,560
Fall 2001.....	69,920	53,992	47,672	33,936	13,736	6,320	5,023	1,296	15,928	12,233	3,695
Fall 2002.....	71,015	54,403	48,183	34,114	14,069	6,220 <sup>3</sup>	4,915 <sup>3</sup>	1,306 <sup>3</sup>	16,612	12,752	3,860
Fall 2003.....	71,551	54,639	48,540	34,201	14,339	6,099	4,788	1,311	16,911	12,859	4,053
Fall 2004.....	72,154	54,882	48,795	34,178	14,618	6,087 <sup>3</sup>	4,756 <sup>3</sup>	1,331 <sup>3</sup>	17,272	12,980	4,292
Fall 2005.....	72,674	55,187	49,113	34,204	14,909	6,073	4,724	1,349	17,487	13,022	4,466
Fall 2006.....	73,066	55,307	49,316	34,235	15,081	5,991 <sup>3</sup>	4,631 <sup>3</sup>	1,360 <sup>3</sup>	17,759	13,180	4,579
Fall 2007.....	73,451	55,203	49,293	34,205	15,087	5,910	4,546	1,364	18,248	13,491	4,757
Fall 2008.....	74,076	54,973	49,266	34,286	14,980	5,707 <sup>3</sup>	4,365 <sup>3</sup>	1,342 <sup>3</sup>	19,103	13,972	5,131
Fall 2009.....	75,277	54,849	49,361	34,409	14,952	5,488	4,179	1,309	20,428	14,811	5,617

See notes at end of table.

**Table 3. Enrollment in educational institutions, by level and control of institution: Selected years, 1869–70 through fall 2021—Continued**  
[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools <sup>1</sup>			Postsecondary degree-granting institutions <sup>2</sup>		
			Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Prekindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
Fall 2010.....	75,892	54,876	49,484	34,625	14,860	5,391 <sup>3</sup>	4,091 <sup>3</sup>	1,300 <sup>3</sup>	21,016	15,143	5,873
Fall 2011 <sup>4</sup> .....	75,950	54,956	49,636	34,849	14,787	5,320	4,060	1,260	20,994	15,110	5,884
Fall 2012 <sup>4</sup> .....	76,344	55,091	49,828	35,076	14,752	5,263	4,039	1,224	21,253	15,290	5,963
Fall 2013 <sup>4</sup> .....	76,773	55,288	50,067	35,301	14,766	5,221	4,033	1,188	21,485	15,453	6,032
Fall 2014 <sup>4</sup> .....	77,331	55,599	50,407	35,502	14,905	5,192	4,037	1,155	21,731	15,627	6,104
Fall 2015 <sup>4</sup> .....	77,898	55,957	50,773	35,735	15,038	5,183	4,053	1,130	21,941	15,775	6,166
Fall 2016 <sup>4</sup> .....	78,523	56,330	51,146	36,029	15,116	5,185	4,085	1,100	22,194	15,954	6,239
Fall 2017 <sup>4</sup> .....	79,246	56,722	51,524	36,329	15,195	5,198	4,122	1,076	22,524	16,191	6,333
Fall 2018 <sup>4</sup> .....	79,993	57,098	51,880	36,639	15,241	5,218	4,158	1,061	22,895	16,456	6,439
Fall 2019 <sup>4</sup> .....	80,746	57,507	52,260	36,956	15,304	5,247	4,193	1,054	23,239	16,708	6,532
Fall 2020 <sup>4</sup> .....	81,509	57,975	52,688	37,278	15,410	5,287	4,228	1,059	23,534	16,921	6,613
Fall 2021 <sup>4</sup> .....	82,199	58,444	53,113	37,598	15,515	5,331	4,263	1,068	23,755	17,082	6,673

—Not available.

<sup>1</sup>Beginning in fall 1980, data include estimates for an expanded universe of private schools. Therefore, direct comparisons with earlier years should be avoided.

<sup>2</sup>Data for 1869–70 through 1949–50 include resident degree-credit students enrolled at any time during the academic year. Beginning in 1959, data include all resident and extension students enrolled at the beginning of the fall term.

<sup>3</sup>Estimated.

<sup>4</sup>Projected data from NCES 2013-008, *Projections of Education Statistics to 2021*. Fall 2011 data for degree-granting institutions are actual.

NOTE: Data for 1869–70 through 1949–50 reflect enrollment for the entire school year. Elementary and secondary enrollment includes students in local public school systems and in most private schools (religiously affiliated and nonsectarian), but generally excludes homeschooled children and students in subcollegiate departments of colleges and in federal schools. Based on the National Household Education Survey, the homeschooled children numbered approximately 1.5 million in 2007. Excludes preprimary pupils in private schools that do not offer kindergarten or above. Postsecondary data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and

participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1870 to 1910; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of Public Elementary and Secondary School Systems, 1959 through 1980; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary and Secondary Education," 1981–82 through 2010–11; Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2007); Private School Universe Survey (PSS), 1989–90 through 2009–10; Projections of Education Statistics to 2021; Opening (Fall) Enrollment in Higher Education, 1959; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1969 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared January 2013.)*



**Table 4. Number of teachers in elementary and secondary schools, and instructional staff in postsecondary degree-granting institutions, by control of institution: Selected years, fall 1970 through fall 2021**  
[In thousands]

Year	All levels			Elementary and secondary teachers <sup>1</sup>			Degree-granting institutions instructional staff <sup>2</sup>		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1970.....	2,766	2,373	393	2,292	2,059	233	474	314	160
1975.....	3,081	2,641	440	2,453	2,198	255 <sup>3</sup>	628	443	185
1980.....	3,171	2,679	492	2,485	2,184	301	686 <sup>3,4</sup>	495 <sup>3,4</sup>	191 <sup>3,4</sup>
1981.....	3,145	2,636	509	2,440	2,127	313 <sup>3</sup>	705	509	196
1982.....	3,168	2,639	529	2,458	2,133	325 <sup>3</sup>	710 <sup>3,4</sup>	506 <sup>3,4</sup>	204 <sup>3,4</sup>
1983.....	3,200	2,651	549	2,476	2,139	337	724	512	212
1984.....	3,225	2,673	552	2,508	2,168	340 <sup>3</sup>	717 <sup>3,4</sup>	505 <sup>3,4</sup>	212 <sup>3,4</sup>
1985.....	3,264	2,709	555	2,549	2,206	343	715 <sup>3,4</sup>	503 <sup>3,4</sup>	212 <sup>3,4</sup>
1986.....	3,314	2,754	560	2,592	2,244	348 <sup>3</sup>	722 <sup>3,4</sup>	510 <sup>3,4</sup>	212 <sup>3,4</sup>
1987.....	3,424	2,832	592	2,631	2,279	352	793	553	240
1988.....	3,472	2,882	590	2,668	2,323	345	804 <sup>3</sup>	559 <sup>3</sup>	245 <sup>3</sup>
1989.....	3,537	2,934	603	2,713	2,357	356	824	577	247
1990.....	3,577	2,972	604	2,759	2,398	361 <sup>3</sup>	817 <sup>3</sup>	574 <sup>3</sup>	244 <sup>3</sup>
1991.....	3,623	3,013	610	2,797	2,432	365	826	581	245
1992.....	3,700	3,080	621	2,823	2,459	364 <sup>3</sup>	877 <sup>3</sup>	621 <sup>3</sup>	257 <sup>3</sup>
1993.....	3,784	3,154	629	2,868	2,504	364	915	650	265
1994.....	3,846	3,205	640	2,922	2,552	370 <sup>3</sup>	923 <sup>3</sup>	653 <sup>3</sup>	270 <sup>3</sup>
1995.....	3,906	3,255	651	2,974	2,598	376	932	657	275
1996.....	4,006	3,339	666	3,051	2,667	384 <sup>3</sup>	954 <sup>3</sup>	672 <sup>3</sup>	282 <sup>3</sup>
1997.....	4,127	3,441	687	3,138	2,746	391	990	695	295
1998.....	4,230	3,527	703	3,230	2,830	400 <sup>3</sup>	999 <sup>3</sup>	697 <sup>3</sup>	303 <sup>3</sup>
1999.....	4,347	3,624	723	3,319	2,911	408	1,028	713	315
2000.....	4,433	3,682	750	3,366	2,941	424	1,067 <sup>3</sup>	741 <sup>3</sup>	325 <sup>3</sup>
2001.....	4,554	3,771	783	3,440	3,000	441	1,113	771	342
2002.....	4,631	3,829	802	3,476	3,034	442 <sup>3</sup>	1,155 <sup>3</sup>	794 <sup>3</sup>	361 <sup>3</sup>
2003.....	4,663	3,840	823	3,490	3,049	441	1,174	792	382
2004.....	4,774	3,909	865	3,538	3,091	447 <sup>3</sup>	1,237 <sup>3</sup>	818 <sup>3</sup>	418 <sup>3</sup>
2005.....	4,883	3,984	899	3,593	3,143	450	1,290	841	449
2006.....	4,944	4,021	924	3,622	3,166	456 <sup>3</sup>	1,322 <sup>3</sup>	854 <sup>3</sup>	468 <sup>3</sup>
2007.....	5,006	4,055	951	3,634	3,178	456	1,371	877	494
2008.....	5,059	4,107	953	3,670	3,222	448 <sup>3</sup>	1,390 <sup>3</sup>	885 <sup>3</sup>	505 <sup>3</sup>
2009.....	5,086	4,123	963	3,647	3,210	437	1,439	914	525
2010.....	5,046	4,044	1,002	3,542	3,099	443 <sup>3</sup>	1,504 <sup>3</sup>	945 <sup>3</sup>	559 <sup>3</sup>
2011 <sup>5</sup> .....	5,202	4,199	1,002	3,679	3,246	432	1,524	953	570
2012 <sup>6</sup> .....	—	—	—	3,711	3,283	428	—	—	—
2013 <sup>6</sup> .....	—	—	—	3,738	3,312	426	—	—	—
2014 <sup>6</sup> .....	—	—	—	3,782	3,357	425	—	—	—
2015 <sup>6</sup> .....	—	—	—	3,830	3,403	427	—	—	—
2016 <sup>6</sup> .....	—	—	—	3,881	3,451	430	—	—	—
2017 <sup>6</sup> .....	—	—	—	3,935	3,500	434	—	—	—
2018 <sup>6</sup> .....	—	—	—	3,988	3,549	439	—	—	—
2019 <sup>6</sup> .....	—	—	—	4,045	3,601	444	—	—	—
2020 <sup>6</sup> .....	—	—	—	4,102	3,651	451	—	—	—
2021 <sup>6</sup> .....	—	—	—	4,151	3,694	457	—	—	—

—Not available.

<sup>1</sup>Includes teachers in local public school systems and in most private schools (religiously affiliated and nonsectarian). Teachers are reported in terms of full-time equivalents.

<sup>2</sup>Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Includes full-time and part-time faculty with the rank of instructor or above in colleges, universities, professional schools, and 2-year colleges. Excludes teaching assistants.

<sup>3</sup>Estimated.

<sup>4</sup>Inclusion of institutions is not consistent with surveys for 1987 and later years.

<sup>5</sup>Data for degree-granting institutions are actual; other data are projected.

<sup>6</sup>Projected.

NOTE: Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. Headcounts are used to report data for degree-granting institutions instructional staff.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, 1970 and 1975; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1980 through 2010; Private School Universe Survey (PSS), 1989–90 through 2009–10; *Projections of Education Statistics to 2021*; Higher Education General Information Survey (HEGIS), "Fall Staff" survey, 1970 and 1975; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S:87–99); IPEDS Winter 2001–02 through Winter 2011–12, Human Resources component, Fall Staff section; U.S. Equal Opportunity Commission, EEO-6, 1981 and 1983; and unpublished data. (This table was prepared January 2013.)

**Table 5. Number of educational institutions, by level and control of institution: Selected years, 1980–81 through 2010–11**

Level and control of institution	1980–81	1990–91	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>All institutions .....</b>	<b>—</b>	<b>—</b>	<b>131,414</b>	<b>—</b>	<b>136,465</b>	<b>—</b>	<b>136,819</b>	<b>—</b>	<b>138,899</b>	<b>—</b>	<b>139,207</b>	<b>—</b>	<b>138,925</b>	<b>—</b>
<b>Elementary and secondary schools ....</b>	<b>106,746</b>	<b>109,228</b>	<b>125,007</b>	<b>—</b>	<b>130,007</b>	<b>—</b>	<b>130,407</b>	<b>—</b>	<b>132,436</b>	<b>—</b>	<b>132,656</b>	<b>—</b>	<b>132,183</b>	<b>—</b>
Elementary .....	72,659	74,716	86,433	—	89,277	—	89,252	—	88,896	—	88,982	—	88,565	—
Secondary .....	24,856	23,602	24,903	—	24,884	—	25,476	—	26,925	—	27,575	—	27,427	—
Combined .....	5,202	8,847	12,197	—	14,430	—	13,931	—	14,964	—	14,837	—	14,895	—
Other <sup>1</sup> .....	4,029	2,063	1,474	—	1,416	—	1,749	—	1,651	—	1,262	—	1,296	—
Public schools .....	85,982	84,538	92,012	93,273	94,112	95,615	95,726	96,513	97,382	98,793	98,916	98,706	98,817	98,817
Elementary .....	59,326	59,015	64,131	64,601	65,228	65,718	65,758	65,984	66,026	66,458	67,112	67,148	67,140	67,086
Secondary .....	22,619	21,135	22,365	21,994	22,180	22,599	22,782	23,445	23,998	23,920	24,643	24,348	24,651	24,544
Combined .....	1,743	2,325	4,042	5,096	5,288	5,552	5,437	5,572	5,707	5,984	5,899	5,623	5,730	6,137
Other <sup>1</sup> .....	2,294	2,063	1,474	1,582	1,416	1,746	1,749	1,512	1,651	2,431	1,262	1,587	1,296	1,050
Private schools <sup>2</sup> .....	20,764	24,690	32,995	—	35,895	—	34,681	—	35,054	—	33,740	—	33,366	—
Elementary .....	13,333	15,701	22,302	—	24,049	—	23,494	—	22,870	—	21,870	—	21,425	—
Schools with highest grade of kindergarten .....	†	†	5,952	—	6,622	—	6,297	—	6,059	—	5,522	—	5,275	—
Secondary .....	2,237	2,467	2,538	—	2,704	—	2,694	—	2,927	—	2,932	—	2,776	—
Combined .....	3,459	6,522	8,155	—	9,142	—	8,494	—	9,257	—	8,938	—	9,165	—
Other <sup>1</sup> .....	1,735	( <sup>9</sup> )	( <sup>9</sup> )	—	( <sup>9</sup> )	—	( <sup>9</sup> )	—	( <sup>9</sup> )	—	( <sup>9</sup> )	—	( <sup>9</sup> )	—
<b>Postsecondary Title IV institutions .....</b>	<b>—</b>	<b>—</b>	<b>6,407</b>	<b>6,479</b>	<b>6,458</b>	<b>6,354</b>	<b>6,412</b>	<b>6,383</b>	<b>6,463</b>	<b>6,536</b>	<b>6,551</b>	<b>6,632</b>	<b>6,742</b>	<b>7,021</b>
Public .....	—	—	2,078	2,084	2,099	2,051	2,047	2,027	2,013	2,009	2,004	1,997	1,989	2,015
Private .....	—	—	4,329	4,395	4,359	4,303	4,365	4,356	4,450	4,527	4,547	4,635	4,753	5,006
Nonprofit .....	—	—	1,936	1,950	1,941	1,921	1,913	1,875	1,866	1,848	1,815	1,809	1,809	1,812
For-profit .....	—	—	2,393	2,445	2,418	2,382	2,452	2,481	2,584	2,679	2,732	2,826	2,944	3,194
Title IV non-degree-granting institutions .....	—	—	2,323	2,297	2,261	2,186	2,176	2,167	2,187	2,222	2,199	2,223	2,247	2,422
Public .....	—	—	396	386	386	339	327	327	320	321	319	321	317	359
Private .....	—	—	1,927	1,911	1,875	1,847	1,849	1,840	1,867	1,901	1,880	1,902	1,930	2,063
Nonprofit .....	—	—	255	255	265	256	249	238	219	208	191	180	185	182
For-profit .....	—	—	1,672	1,656	1,610	1,591	1,600	1,602	1,648	1,693	1,689	1,722	1,745	1,881
Title IV degree-granting institutions .....	3,231	3,559	4,084	4,182	4,197	4,168	4,236	4,216	4,276	4,314	4,352	4,409	4,495	4,599
2-year colleges .....	1,274	1,418	1,721	1,732	1,710	1,702	1,706	1,683	1,694	1,685	1,677	1,690	1,721	1,729
Public .....	945	972	1,068	1,076	1,085	1,081	1,086	1,061	1,053	1,045	1,032	1,024	1,000	978
Private .....	329	446	653	656	625	621	620	622	641	640	645	666	721	751
Nonprofit .....	182	167	150	144	135	127	118	112	113	107	92	92	85	87
For-profit .....	147	279	503	512	490	494	502	510	528	533	553	574	636	664
4-year colleges .....	1,957	2,141	2,363	2,450	2,487	2,466	2,530	2,533	2,582	2,629	2,675	2,719	2,774	2,870
Public .....	552	595	614	622	628	631	634	639	640	643	653	652	672	678
Private .....	1,405	1,546	1,749	1,828	1,859	1,835	1,896	1,894	1,942	1,986	2,022	2,067	2,102	2,192
Nonprofit .....	1,387	1,482	1,531	1,551	1,541	1,538	1,546	1,525	1,534	1,533	1,532	1,537	1,539	1,543
For-profit .....	18	64	218	277	318	297	350	369	408	453	490	530	563	649

—Not available.

†Not applicable.

<sup>1</sup>Includes special education, alternative, and other schools not classified by grade span. Because of changes in survey definitions, figures for "other" schools are not comparable from year to year.

<sup>2</sup>Data for 1980–81 and 1990–91 include schools with first or higher grades. Data for 1997–98 and later years include schools with kindergarten or higher grades.

<sup>3</sup>Included in the elementary, secondary, and combined categories.

NOTE: Postsecondary data for 1980–81 and 1990–91 are for institutions of higher education, while later data are for Title IV degree-granting and non-degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher educa-

tion classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1989–90 through 2010–11; *Private Schools in American Education: Statistics of Public Elementary and Secondary Day Schools, 1980–81*; Schools and Staffing Survey (SASS), "Private School Data File," 1990–91; Private School Universe Survey (PSS), 1995–96 through 2009–10; Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" survey, 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:90–99); and IPEDS Fall 2001 through Fall 2010, Institutional Characteristics component. (This table was prepared December 2012.)





**Table 7. Percentage of the population 3 to 34 years old enrolled in school, by age group: Selected years, 1940 through 2011**

[Standard errors appear in parentheses]

Year	Total, 3 to 34 years old	3 and 4 years old	5 and 6 years old	7 to 13 years old	14 to 17 years old			18 and 19 years old			20 to 24 years old			25 to 29 years old	30 to 34 years old
					Total	14 and 15	16 and 17	Total	In elementary and secondary	In higher education	Total	20 and 21	22 to 24		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1940.....	— (t)	— (t)	— (t)	95.0 (—)	79.3 (—)	— (t)	— (t)	28.9 (—)	— (t)	— (t)	6.6 (—)	— (t)	— (t)	— (t)	— (t)
1945.....	— (t)	— (t)	— (t)	98.1 (—)	78.4 (—)	— (t)	— (t)	20.7 (—)	— (t)	— (t)	3.9 (—)	— (t)	— (t)	— (t)	— (t)
1947.....	— (t)	— (t)	73.8 (—)	98.5 (—)	79.3 (—)	91.6 (—)	67.6 (—)	24.3 (—)	— (t)	— (t)	10.2 (—)	— (t)	— (t)	3.0 (—)	1.0 (—)
1948.....	— (t)	— (t)	74.7 (—)	98.1 (—)	81.8 (—)	92.7 (—)	71.2 (—)	26.9 (—)	— (t)	— (t)	9.7 (—)	— (t)	— (t)	2.6 (—)	0.9 (—)
1949.....	— (t)	— (t)	76.2 (—)	98.6 (—)	81.6 (—)	93.5 (—)	69.5 (—)	25.3 (—)	— (t)	— (t)	9.2 (—)	— (t)	— (t)	3.8 (—)	1.1 (—)
1950.....	— (t)	— (t)	74.4 (—)	98.7 (—)	83.7 (—)	94.7 (—)	71.3 (—)	29.4 (—)	— (t)	— (t)	9.0 (—)	— (t)	— (t)	3.0 (—)	0.9 (—)
1951.....	— (t)	— (t)	73.6 (—)	99.1 (—)	85.2 (—)	94.8 (—)	75.1 (—)	26.2 (—)	— (t)	— (t)	8.6 (—)	— (t)	— (t)	2.5 (—)	0.7 (—)
1952.....	— (t)	— (t)	75.2 (—)	98.8 (—)	85.2 (—)	96.2 (—)	73.4 (—)	28.8 (—)	— (t)	— (t)	9.7 (—)	— (t)	— (t)	2.6 (—)	1.2 (—)
1953.....	— (t)	— (t)	78.6 (—)	99.4 (—)	85.9 (—)	96.5 (—)	74.7 (—)	31.2 (—)	— (t)	— (t)	11.1 (—)	— (t)	— (t)	2.9 (—)	1.7 (—)
1954.....	— (t)	— (t)	77.3 (—)	99.4 (—)	87.1 (—)	95.8 (—)	78.0 (—)	32.4 (—)	— (t)	— (t)	11.2 (—)	— (t)	— (t)	4.1 (—)	1.5 (—)
1955.....	— (t)	— (t)	78.1 (—)	99.2 (—)	86.9 (—)	95.9 (—)	77.4 (—)	31.5 (—)	— (t)	— (t)	11.1 (—)	— (t)	— (t)	4.2 (—)	1.6 (—)
1956.....	— (t)	— (t)	77.6 (—)	99.3 (—)	88.2 (—)	96.9 (—)	78.4 (—)	35.4 (—)	— (t)	— (t)	12.8 (—)	— (t)	— (t)	5.1 (—)	1.9 (—)
1957.....	— (t)	— (t)	78.6 (—)	99.5 (—)	89.5 (—)	97.1 (—)	80.5 (—)	34.9 (—)	— (t)	— (t)	14.0 (—)	— (t)	— (t)	5.5 (—)	1.8 (—)
1958.....	— (t)	— (t)	80.4 (—)	99.5 (—)	89.2 (—)	96.9 (—)	80.6 (—)	37.6 (—)	— (t)	— (t)	13.4 (—)	— (t)	— (t)	5.7 (—)	2.2 (—)
1959.....	— (t)	— (t)	80.0 (—)	99.4 (—)	90.2 (—)	97.5 (—)	82.9 (—)	36.8 (—)	— (t)	— (t)	12.7 (—)	18.8 (—)	8.6 (—)	5.1 (—)	2.2 (—)
1960.....	— (t)	— (t)	80.7 (—)	99.5 (—)	90.3 (—)	97.8 (—)	82.6 (—)	38.4 (—)	— (t)	— (t)	13.1 (—)	19.4 (—)	8.7 (—)	4.9 (—)	2.4 (—)
1961.....	— (t)	— (t)	81.7 (—)	99.3 (—)	91.4 (—)	97.6 (—)	83.6 (—)	38.0 (—)	— (t)	— (t)	13.7 (—)	21.5 (—)	8.4 (—)	4.4 (—)	2.0 (—)
1962.....	— (t)	— (t)	82.2 (—)	99.3 (—)	92.0 (—)	98.0 (—)	84.3 (—)	41.8 (—)	— (t)	— (t)	15.6 (—)	23.0 (—)	10.3 (—)	5.0 (—)	2.6 (—)
1963.....	— (t)	— (t)	82.7 (—)	99.3 (—)	92.9 (—)	98.4 (—)	87.1 (—)	40.9 (—)	10.9 (—)	29.8 (—)	17.3 (—)	25.0 (—)	11.4 (—)	4.9 (—)	2.5 (—)
1964.....	— (t)	9.5 (—)	83.3 (—)	99.0 (—)	93.1 (—)	98.6 (—)	87.7 (—)	41.6 (—)	11.0 (—)	30.6 (—)	16.8 (—)	26.3 (—)	9.9 (—)	5.2 (—)	2.6 (—)
1965.....	55.5 (—)	10.6 (—)	84.9 (—)	99.4 (—)	93.2 (—)	98.9 (—)	87.4 (—)	46.3 (—)	11.2 (—)	35.0 (—)	19.0 (—)	27.6 (—)	13.2 (—)	6.1 (—)	3.2 (—)
1966.....	56.1 (—)	12.5 (—)	85.8 (—)	99.3 (—)	93.7 (—)	98.6 (—)	88.5 (—)	47.2 (—)	10.8 (—)	36.3 (—)	19.9 (—)	29.9 (—)	13.2 (—)	6.5 (—)	2.7 (—)
1967.....	56.6 (—)	14.2 (—)	87.4 (—)	99.3 (—)	93.7 (—)	98.2 (—)	88.8 (—)	47.6 (—)	11.7 (—)	36.0 (—)	22.0 (—)	33.3 (—)	13.6 (—)	6.6 (—)	4.0 (—)
1968.....	56.7 (—)	15.7 (—)	87.6 (—)	99.1 (—)	94.2 (—)	98.0 (—)	90.2 (—)	50.4 (—)	12.4 (—)	38.0 (—)	21.4 (—)	31.2 (—)	13.8 (—)	7.0 (—)	3.9 (—)
1969.....	57.0 (—)	16.1 (—)	88.4 (—)	99.2 (—)	94.0 (—)	98.1 (—)	89.7 (—)	50.2 (—)	11.2 (—)	39.0 (—)	23.0 (—)	34.1 (—)	15.4 (—)	7.9 (—)	4.8 (—)
1970.....	56.4 (0.22)	20.5 (0.73)	89.5 (0.53)	99.2 (0.08)	94.1 (0.27)	98.1 (0.22)	90.0 (0.49)	47.7 (0.85)	10.5 (0.52)	37.3 (0.83)	21.5 (0.47)	31.9 (0.85)	14.9 (0.52)	7.5 (0.33)	4.2 (0.27)
1971.....	56.2 (0.21)	21.2 (0.75)	91.6 (0.49)	99.1 (0.08)	94.5 (0.26)	98.6 (0.19)	90.2 (0.48)	49.2 (0.84)	11.5 (0.54)	37.7 (0.81)	21.9 (0.46)	32.2 (0.83)	15.4 (0.51)	8.0 (0.33)	4.9 (0.29)
1972.....	54.9 (0.21)	24.4 (0.80)	91.9 (0.50)	99.2 (0.08)	93.3 (0.28)	97.6 (0.24)	88.9 (0.50)	46.3 (0.82)	10.4 (0.50)	35.9 (0.79)	21.6 (0.45)	31.4 (0.79)	14.8 (0.50)	8.6 (0.33)	4.6 (0.27)
1973.....	53.5 (0.21)	24.2 (0.78)	92.5 (0.49)	99.2 (0.08)	92.9 (0.28)	97.5 (0.24)	88.3 (0.51)	42.9 (0.81)	10.0 (0.49)	32.9 (0.77)	20.8 (0.44)	30.1 (0.78)	14.5 (0.49)	8.5 (0.32)	4.5 (0.26)
1974.....	53.6 (0.21)	28.8 (0.83)	94.2 (0.43)	99.3 (0.08)	92.9 (0.28)	97.9 (0.22)	87.9 (0.51)	43.1 (0.80)	9.9 (0.48)	33.2 (0.76)	21.4 (0.44)	30.2 (0.76)	15.1 (0.50)	9.6 (0.33)	5.7 (0.29)
1975.....	53.7 (0.21)	31.5 (0.87)	94.7 (0.41)	99.3 (0.08)	93.6 (0.27)	98.2 (0.21)	89.0 (0.49)	46.9 (0.80)	10.2 (0.48)	36.7 (0.77)	22.4 (0.44)	31.2 (0.76)	16.2 (0.51)	10.1 (0.33)	6.6 (0.30)
1976.....	53.1 (0.21)	31.3 (0.90)	95.5 (0.38)	99.2 (0.09)	93.7 (0.27)	98.2 (0.21)	89.1 (0.49)	46.2 (0.79)	10.2 (0.48)	36.0 (0.76)	23.3 (0.44)	32.0 (0.75)	17.1 (0.51)	10.0 (0.33)	6.0 (0.28)
1977.....	52.5 (0.21)	32.0 (0.93)	95.8 (0.38)	99.4 (0.07)	93.7 (0.27)	98.5 (0.19)	88.9 (0.49)	46.2 (0.80)	10.4 (0.49)	35.7 (0.77)	22.9 (0.44)	31.8 (0.75)	16.5 (0.51)	10.8 (0.34)	6.9 (0.30)
1978.....	51.2 (0.21)	34.2 (0.94)	95.3 (0.41)	99.1 (0.09)	93.7 (0.27)	98.4 (0.20)	89.1 (0.49)	45.4 (0.80)	9.8 (0.48)	35.6 (0.77)	21.8 (0.43)	29.5 (0.73)	16.3 (0.50)	9.4 (0.31)	6.4 (0.28)
1979.....	50.3 (0.21)	35.1 (0.95)	95.8 (0.40)	99.2 (0.09)	93.6 (0.28)	98.1 (0.22)	89.2 (0.49)	45.0 (0.79)	10.3 (0.48)	34.6 (0.76)	21.7 (0.42)	30.2 (0.74)	15.8 (0.49)	9.6 (0.31)	6.4 (0.28)
1980.....	49.7 (0.21)	36.7 (0.95)	95.7 (0.40)	99.3 (0.09)	93.4 (0.29)	98.2 (0.22)	89.0 (0.50)	46.4 (0.80)	10.5 (0.49)	35.9 (0.77)	22.3 (0.43)	31.0 (0.74)	16.3 (0.49)	9.3 (0.30)	6.4 (0.27)
1981.....	48.9 (0.21)	36.0 (0.92)	94.0 (0.46)	99.2 (0.09)	94.1 (0.27)	98.0 (0.24)	90.6 (0.47)	49.0 (0.80)	11.5 (0.51)	37.5 (0.78)	22.5 (0.42)	31.6 (0.73)	16.5 (0.48)	9.0 (0.29)	6.9 (0.27)
1982.....	48.6 (0.22)	36.4 (0.96)	95.0 (0.44)	99.2 (0.10)	94.4 (0.29)	98.5 (0.22)	90.6 (0.51)	47.8 (0.85)	11.3 (0.54)	36.5 (0.81)	23.5 (0.45)	34.0 (0.79)	16.8 (0.50)	9.6 (0.31)	6.3 (0.27)
1983.....	48.4 (0.22)	37.5 (0.94)	95.4 (0.42)	99.2 (0.09)	95.0 (0.27)	98.3 (0.23)	91.7 (0.49)	50.4 (0.86)	12.8 (0.57)	37.6 (0.83)	22.7 (0.44)	32.5 (0.79)	16.6 (0.50)	9.6 (0.31)	6.4 (0.27)
1984.....	47.9 (0.22)	36.3 (0.92)	94.5 (0.45)	99.2 (0.09)	94.7 (0.28)	97.8 (0.26)	91.5 (0.50)	50.1 (0.88)	11.5 (0.56)	38.6 (0.86)	23.7 (0.45)	33.9 (0.80)	17.3 (0.51)	9.1 (0.30)	6.3 (0.27)

See notes at end of table.

**Table 7. Percentage of the population 3 to 34 years old enrolled in school, by age group: Selected years, 1940 through 2011—Continued**  
[Standard errors appear in parentheses]

Year	Total, 3 to 34 years old	3 and 4 years old	5 and 6 years old	7 to 13 years old	14 to 17 years old			18 and 19 years old			20 to 24 years old			25 to 29 years old	30 to 34 years old
					Total	14 and 15	16 and 17	Total	In elementary and secondary	In higher education	Total	20 and 21	22 to 24		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1985.....	48.3 (0.22)	38.9 (0.94)	96.1 (0.38)	99.2 (0.09)	94.9 (0.27)	98.1 (0.24)	91.7 (0.49)	51.6 (0.89)	11.2 (0.56)	40.4 (0.88)	24.0 (0.46)	35.3 (0.83)	16.9 (0.51)	9.2 (0.30)	6.1 (0.26)
1986.....	48.2 (0.22)	38.9 (0.93)	95.3 (0.40)	99.2 (0.10)	94.9 (0.28)	97.6 (0.28)	92.3 (0.47)	54.6 (0.90)	13.1 (0.61)	41.5 (0.89)	23.6 (0.46)	33.0 (0.83)	17.9 (0.53)	8.8 (0.29)	6.0 (0.25)
1987.....	48.6 (0.22)	38.3 (0.93)	95.1 (0.41)	99.5 (0.07)	95.0 (0.28)	98.6 (0.22)	91.7 (0.48)	55.6 (0.89)	13.1 (0.60)	42.5 (0.89)	25.5 (0.48)	38.7 (0.88)	17.5 (0.53)	9.0 (0.30)	5.8 (0.25)
1988.....	48.7 (0.24)	38.2 (1.01)	96.0 (0.41)	99.7 (0.07)	95.1 (0.30)	98.9 (0.22)	91.6 (0.54)	55.6 (0.96)	13.9 (0.67)	41.8 (0.95)	26.1 (0.53)	39.1 (0.96)	18.2 (0.60)	8.3 (0.31)	5.9 (0.27)
1989.....	49.0 (0.22)	39.1 (1.00)	95.2 (0.44)	99.3 (0.09)	95.7 (0.29)	98.8 (0.22)	92.7 (0.52)	56.0 (0.95)	14.4 (0.68)	41.6 (0.95)	27.0 (0.55)	38.5 (0.97)	19.9 (0.63)	9.3 (0.33)	5.7 (0.26)
1990.....	50.2 (0.23)	44.4 (0.99)	96.5 (0.37)	99.6 (0.06)	95.8 (0.28)	99.0 (0.19)	92.5 (0.52)	57.2 (0.94)	14.5 (0.67)	42.7 (0.94)	28.6 (0.54)	39.7 (0.92)	21.0 (0.63)	9.7 (0.33)	5.8 (0.25)
1991.....	50.7 (0.22)	40.5 (0.96)	95.4 (0.41)	99.6 (0.06)	96.0 (0.27)	98.8 (0.22)	93.3 (0.49)	59.6 (0.96)	15.6 (0.71)	44.0 (0.97)	30.2 (0.55)	42.0 (0.92)	22.2 (0.64)	10.2 (0.34)	6.2 (0.26)
1992.....	51.4 (0.22)	39.7 (0.95)	95.5 (0.41)	99.4 (0.08)	96.7 (0.25)	99.1 (0.18)	94.1 (0.46)	61.4 (0.96)	17.1 (0.74)	44.3 (0.98)	31.6 (0.56)	44.0 (0.95)	23.7 (0.65)	9.8 (0.34)	6.1 (0.26)
1993.....	51.8 (0.22)	40.4 (0.93)	95.4 (0.41)	99.5 (0.07)	96.5 (0.25)	98.9 (0.20)	94.0 (0.46)	61.6 (0.95)	17.2 (0.74)	44.4 (0.97)	30.8 (0.56)	42.7 (0.97)	23.6 (0.65)	10.2 (0.35)	5.9 (0.25)
1994.....	53.3 (0.21)	47.3 <sup>1</sup> (0.87)	96.7 (0.32)	99.4 (0.08)	96.6 (0.22)	98.8 (0.19)	94.4 (0.40)	60.2 (0.87)	16.2 (0.65)	43.9 (0.88)	32.0 (0.51)	44.9 (0.88)	24.0 (0.59)	10.8 (0.33)	6.7 (0.25)
1995.....	53.7 (0.21)	48.7 <sup>1</sup> (0.87)	96.0 (0.34)	98.9 (0.10)	96.3 (0.23)	98.9 (0.18)	93.6 (0.42)	59.4 (0.85)	16.3 (0.64)	43.1 (0.86)	31.5 (0.52)	44.9 (0.89)	23.2 (0.60)	11.6 (0.34)	5.9 (0.24)
1996.....	54.1 (0.22)	48.3 <sup>1</sup> (0.91)	94.0 (0.43)	97.7 (0.15)	95.4 (0.26)	98.0 (0.24)	92.8 (0.45)	61.5 (0.87)	16.7 (0.67)	44.9 (0.89)	32.5 (0.55)	44.4 (0.93)	24.8 (0.65)	11.9 (0.36)	6.1 (0.25)
1997.....	55.6 (0.22)	52.6 <sup>1</sup> (0.92)	96.5 (0.33)	99.1 (0.09)	96.6 (0.22)	98.9 (0.18)	94.3 (0.40)	61.5 (0.86)	16.7 (0.66)	44.7 (0.88)	34.3 (0.55)	45.9 (0.91)	26.4 (0.66)	11.8 (0.36)	5.7 (0.25)
1998.....	55.8 (0.22)	52.1 <sup>1</sup> (0.92)	95.6 (0.37)	98.9 (0.10)	96.1 (0.24)	98.4 (0.22)	93.9 (0.41)	62.2 (0.84)	15.7 (0.63)	46.4 (0.86)	33.0 (0.55)	44.8 (0.91)	24.9 (0.65)	11.9 (0.37)	6.6 (0.27)
1999.....	56.0 (0.22)	54.2 <sup>1</sup> (0.93)	96.0 (0.36)	98.7 (0.11)	95.8 (0.24)	98.2 (0.23)	93.6 (0.42)	60.6 (0.84)	16.5 (0.64)	44.1 (0.85)	32.8 (0.54)	45.3 (0.90)	24.5 (0.64)	11.1 (0.36)	6.2 (0.27)
2000.....	55.9 (0.22)	52.1 <sup>1</sup> (0.93)	95.6 (0.38)	98.2 (0.13)	95.7 (0.25)	98.7 (0.20)	92.8 (0.45)	61.2 (0.84)	16.5 (0.64)	44.7 (0.85)	32.5 (0.53)	44.1 (0.88)	24.6 (0.63)	11.4 (0.37)	6.7 (0.28)
2001.....	56.4 (0.22)	52.4 <sup>1</sup> (0.88)	95.3 (0.37)	98.3 (0.12)	95.8 (0.24)	98.1 (0.23)	93.4 (0.42)	61.1 (0.83)	17.1 (0.64)	44.0 (0.84)	34.1 (0.53)	46.1 (0.87)	25.5 (0.64)	11.8 (0.38)	6.9 (0.28)
2002.....	56.2 (0.21)	56.3 <sup>1</sup> (0.89)	95.5 (0.37)	98.3 (0.12)	96.4 (0.22)	98.4 (0.21)	94.3 (0.40)	63.3 (0.83)	18.0 (0.67)	45.3 (0.86)	34.4 (0.52)	47.8 (0.87)	25.6 (0.62)	12.1 (0.37)	6.6 (0.27)
2003.....	56.2 (0.20)	55.1 <sup>1</sup> (0.85)	94.5 (0.40)	98.3 (0.12)	96.2 (0.21)	97.5 (0.25)	94.9 (0.34)	64.5 (0.80)	17.9 (0.64)	46.6 (0.84)	35.6 (0.50)	48.3 (0.83)	27.8 (0.59)	11.8 (0.34)	6.8 (0.26)
2004.....	56.2 (0.20)	54.0 <sup>1</sup> (0.85)	95.4 (0.37)	98.4 (0.12)	96.5 (0.21)	98.5 (0.19)	94.5 (0.36)	64.4 (0.80)	16.6 (0.62)	47.8 (0.83)	35.2 (0.49)	48.9 (0.82)	26.3 (0.58)	13.0 (0.35)	6.6 (0.26)
2005.....	56.5 (0.20)	53.6 <sup>1</sup> (0.86)	95.4 (0.37)	98.6 (0.11)	96.5 (0.20)	98.0 (0.22)	95.1 (0.33)	67.6 (0.79)	18.3 (0.65)	49.3 (0.84)	36.1 (0.49)	48.7 (0.80)	27.3 (0.59)	11.9 (0.34)	6.9 (0.27)
2006.....	56.0 (0.20)	55.7 <sup>1</sup> (0.86)	94.6 (0.39)	98.3 (0.12)	96.4 (0.21)	98.3 (0.21)	94.6 (0.36)	65.5 (0.77)	19.3 (0.64)	46.2 (0.81)	35.0 (0.49)	47.5 (0.81)	26.7 (0.58)	11.7 (0.33)	7.2 (0.27)
2007.....	56.1 (0.20)	54.5 <sup>1</sup> (0.86)	94.7 (0.39)	98.4 (0.11)	96.4 (0.21)	98.7 (0.18)	94.3 (0.36)	66.8 (0.75)	17.9 (0.61)	48.9 (0.80)	35.7 (0.49)	48.4 (0.81)	27.3 (0.59)	12.4 (0.33)	7.2 (0.27)
2008.....	56.2 (0.20)	52.8 <sup>1</sup> (0.85)	93.8 (0.42)	98.7 (0.10)	96.8 (0.20)	98.6 (0.19)	95.2 (0.34)	66.0 (0.75)	17.4 (0.60)	48.6 (0.79)	36.9 (0.49)	50.1 (0.81)	28.2 (0.59)	13.2 (0.34)	7.3 (0.27)
2009.....	56.5 (0.20)	52.4 <sup>1</sup> (0.85)	94.1 (0.40)	98.2 (0.12)	96.3 (0.22)	98.0 (0.23)	94.6 (0.36)	68.9 (0.73)	19.1 (0.62)	49.8 (0.79)	38.7 (0.50)	51.7 (0.81)	30.4 (0.60)	13.5 (0.34)	8.1 (0.28)
2010 <sup>2</sup> .....	56.6 (0.17)	53.2 <sup>1</sup> (0.89)	94.5 (0.46)	98.0 (0.16)	97.1 (0.21)	98.1 (0.25)	96.1 (0.33)	69.2 (0.92)	18.1 (0.71)	51.2 (1.05)	38.6 (0.71)	52.4 (1.08)	28.9 (0.79)	14.6 (0.47)	8.3 (0.39)
2011 <sup>2</sup> .....	56.8 (0.19)	52.4 <sup>1</sup> (0.90)	95.1 (0.43)	98.3 (0.14)	97.1 (0.22)	98.6 (0.21)	95.7 (0.38)	71.1 (0.95)	21.0 (0.78)	50.1 (1.08)	39.9 (0.68)	52.7 (1.05)	31.1 (0.82)	14.8 (0.44)	7.7 (0.32)

—Not available.

<sup>†</sup>Not applicable.

<sup>1</sup>Beginning in 1994, preprimary enrollment data were collected using new procedures. Data may not be comparable to figures for earlier years.

<sup>2</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years.

NOTE: Data for 1940 are for April. Data for all other years are as of October. Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. SOURCE: U.S. Department of Commerce, Census Bureau, *Historical Statistics of the United States, Colonial Times to 1970; Current Population Reports*, Series P-20, various years; CPS Historical Time Series Tables on School Enrollment, retrieved June 6, 2012, from <http://www.census.gov/hhes/school/data/cps/historical/index.html>; and Current Population Survey, October, 1970 through 2011. (This table was prepared June 2012.)







**Table 8. Percentage of persons age 25 and over with high school completion or higher and a bachelor's or higher degree, by race/ethnicity and sex: Selected years, 1910 through 2012—Continued**

[Standard errors appear in parentheses]

Sex, high school or bachelor's degree attainment, and year	Total	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
1996.....	81.6 (0.22)	85.9 (0.22)	74.6 (0.71)	53.3 (0.97)	81.0 (1.21)	— (†)	— (†)	— (†)	— (†)
1997.....	82.2 (0.20)	86.3 (0.20)	76.5 (0.68)	54.6 (0.76)	82.9 (1.11)	— (†)	— (†)	— (†)	— (†)
1998.....	82.9 (0.19)	87.1 (0.20)	77.1 (0.67)	55.3 (0.75)	82.3 (1.09)	— (†)	— (†)	— (†)	— (†)
1999.....	83.3 (0.19)	87.6 (0.19)	77.5 (0.66)	56.3 (0.73)	82.8 (1.06)	— (†)	— (†)	— (†)	— (†)
2000.....	84.0 (0.19)	88.4 (0.19)	78.7 (0.64)	57.5 (0.71)	83.4 (1.03)	— (†)	— (†)	— (†)	— (†)
2001.....	84.2 (0.18)	88.8 (0.19)	78.6 (0.64)	57.4 (0.70)	85.2 (0.91)	— (†)	— (†)	— (†)	— (†)
2002.....	84.4 (0.13)	88.9 (0.13)	79.4 (0.45)	57.9 (0.48)	85.7 (0.64)	— (†)	— (†)	— (†)	— (†)
2003.....	85.0 (0.13)	89.7 (0.13)	80.7 (0.44)	57.8 (0.46)	86.1 (0.62)	86.1 (0.64)	86.9 (2.63)	77.9 (2.30)	85.1 (1.38)
2004.....	85.4 (0.12)	90.1 (0.12)	81.2 (0.43)	59.5 (0.46)	85.3 (0.63)	85.1 (0.64)	88.1 (2.76)	78.6 (2.24)	86.5 (1.29)
2005.....	85.5 (0.15)	90.3 (0.18)	81.5 (0.53)	59.1 (0.63)	85.4 (0.76)	85.2 (0.78)	91.7 (2.46)	75.6 (2.29)	88.1 (1.12)
2006.....	85.9 (0.16)	90.8 (0.17)	81.5 (0.51)	60.1 (0.59)	85.6 (0.82)	85.6 (0.81)	85.7 (3.08)	78.9 (2.18)	88.2 (1.11)
2007.....	86.4 (0.15)	91.0 (0.16)	83.0 (0.49)	62.5 (0.56)	86.1 (0.93)	86.0 (0.97)	89.1 (2.40)	81.9 (1.91)	89.2 (1.22)
2008.....	87.2 (0.17)	91.8 (0.18)	84.2 (0.49)	63.7 (0.61)	87.2 (0.75)	87.0 (0.78)	93.0 (1.57)	79.2 (2.95)	89.5 (1.53)
2009.....	87.1 (0.16)	91.9 (0.17)	84.2 (0.48)	63.3 (0.59)	86.4 (0.73)	86.3 (0.75)	89.7 (2.33)	82.7 (1.96)	87.6 (1.16)
2010.....	87.6 (0.15)	92.3 (0.17)	85.0 (0.46)	64.4 (0.59)	87.2 (0.72)	87.1 (0.75)	90.9 (2.41)	82.5 (1.95)	89.7 (1.13)
2011.....	88.0 (0.15)	92.8 (0.16)	85.3 (0.50)	65.1 (0.57)	87.1 (0.64)	87.0 (0.66)	89.5 (2.25)	83.8 (2.00)	90.7 (1.22)
2012.....	88.0 (0.17)	92.7 (0.18)	86.1 (0.46)	66.0 (0.65)	87.9 (0.64)	87.8 (0.66)	90.1 (2.11)	81.8 (1.84)	91.6 (1.13)
Bachelor's or higher degree <sup>4</sup>									
1940.....	3.8 (—)	4.0 (—)	1.2 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1950.....	5.2 (—)	5.4 (—)	2.4 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1960.....	5.8 (—)	6.0 (—)	3.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1970.....	8.2 (—)	8.6 (—)	5.6 (—)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
1980.....	13.6 (0.20)	14.4 (0.23)	8.1 (0.59)	6.2 (0.79)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	18.4 (0.21)	19.8 (0.25)	10.8 (0.59)	8.7 (0.69)	37.8 (2.01)	— (†)	— (†)	— (†)	— (†)
1995.....	20.2 (0.22)	22.1 (0.26)	13.0 (0.62)	8.4 (0.61)	35.0 (1.90)	— (†)	— (†)	— (†)	— (†)
1996.....	21.4 (0.23)	23.2 (0.27)	14.8 (0.58)	8.3 (0.53)	38.0 (1.50)	— (†)	— (†)	— (†)	— (†)
1997.....	21.7 (0.21)	23.7 (0.25)	14.0 (0.56)	10.1 (0.46)	37.4 (1.43)	— (†)	— (†)	— (†)	— (†)
1998.....	22.4 (0.21)	24.1 (0.25)	15.4 (0.58)	10.9 (0.47)	38.9 (1.39)	— (†)	— (†)	— (†)	— (†)
1999.....	23.1 (0.22)	25.0 (0.26)	16.5 (0.59)	11.0 (0.46)	39.0 (1.37)	— (†)	— (†)	— (†)	— (†)
2000.....	23.6 (0.22)	25.5 (0.26)	16.8 (0.59)	10.6 (0.44)	41.0 (1.37)	— (†)	— (†)	— (†)	— (†)
2001.....	24.3 (0.22)	26.5 (0.26)	16.3 (0.58)	11.3 (0.45)	43.4 (1.26)	— (†)	— (†)	— (†)	— (†)
2002.....	25.1 (0.15)	27.3 (0.19)	17.7 (0.42)	11.2 (0.31)	44.2 (0.91)	— (†)	— (†)	— (†)	— (†)
2003.....	25.7 (0.15)	27.9 (0.19)	18.0 (0.43)	11.6 (0.30)	45.3 (0.89)	46.3 (0.92)	28.0 (3.50)	12.2 (1.81)	22.2 (1.61)
2004.....	26.1 (0.15)	28.4 (0.19)	18.5 (0.43)	12.3 (0.31)	45.2 (0.88)	45.7 (0.90)	32.9 (4.01)	13.1 (1.84)	22.7 (1.59)
2005.....	26.5 (0.23)	28.9 (0.30)	18.9 (0.51)	12.1 (0.42)	46.0 (1.08)	46.8 (1.10)	24.1 (4.08)	12.2 (2.00)	23.3 (1.43)
2006.....	26.9 (0.22)	29.3 (0.28)	19.5 (0.55)	12.9 (0.39)	46.6 (1.11)	47.3 (1.15)	27.2 (4.03)	12.3 (1.81)	23.6 (1.70)
2007.....	28.0 (0.23)	30.6 (0.29)	19.2 (0.59)	13.7 (0.44)	48.6 (1.07)	49.5 (1.10)	27.9 (4.16)	13.4 (1.53)	25.8 (1.58)
2008.....	28.8 (0.24)	31.5 (0.29)	20.5 (0.58)	14.1 (0.37)	49.3 (0.99)	50.1 (1.02)	29.3 (3.82)	15.1 (1.75)	26.1 (1.92)
2009.....	29.1 (0.21)	31.9 (0.26)	20.6 (0.56)	14.0 (0.41)	48.8 (0.98)	49.7 (1.02)	32.9 (3.74)	18.8 (1.91)	26.6 (1.67)
2010.....	29.6 (0.21)	32.4 (0.26)	21.6 (0.63)	14.9 (0.42)	49.1 (1.12)	49.9 (1.19)	32.2 (4.11)	18.2 (1.83)	25.7 (1.59)
2011.....	30.1 (0.22)	33.1 (0.28)	21.7 (0.60)	15.2 (0.43)	47.0 (1.04)	48.0 (1.07)	24.7 (3.52)	17.9 (2.17)	28.9 (1.70)
2012.....	30.6 (0.23)	33.5 (0.30)	22.9 (0.61)	15.8 (0.45)	48.6 (0.93)	49.7 (0.94)	24.9 (3.70)	17.2 (2.13)	28.8 (1.88)

—Not available.

†Not applicable.

<sup>1</sup>Includes persons of Hispanic ethnicity for years prior to 1980.

<sup>2</sup>Data for years prior to 1993 are for persons with 4 or more years of high school. Data for later years are for high school completers—i.e., those persons who graduated from high school with a diploma as well as those who completed high school through equivalency programs, such as a GED program.

<sup>3</sup>Estimates based on Census Bureau reverse projection of 1940 census data on education by age.

<sup>4</sup>Data for years prior to 1993 are for persons with 4 or more years of college.

NOTE: Beginning in 2005, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years. For 1960 and prior years, data were collected in April. For all other years, data were collected in March. Race categories exclude persons of Hispanic ethnicity except where otherwise noted.

SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), March 1970 through March 2012. (This table was prepared October 2012.)



**Table 9. Percentage of persons 25 to 29 years old with selected levels of educational attainment, by race/ethnicity and sex: Selected years, 1920 through 2012—Continued**

[Standard errors appear in parentheses]

Sex, high school or bachelor's degree attainment, and year	Total	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races
					Total	Asian	Pacific Islander		
1	2	3	4	5	6	7	8	9	10
2006.....	25.3 (0.67)	31.4 (0.98)	15.2 (1.66)	6.9 (0.70)	58.7 (3.46)	60.9 (3.52)	†	†	20.8 (4.65)
2007.....	26.3 (0.72)	31.9 (0.98)	18.9 (1.86)	8.6 (0.71)	58.5 (3.45)	60.4 (3.54)	†	†	23.3 (4.88)
2008.....	26.8 (0.64)	32.6 (0.89)	19.0 (1.94)	10.0 (0.86)	54.1 (3.41)	55.8 (3.53)	†	†	25.7 (4.45)
2009.....	26.6 (0.66)	32.6 (1.04)	14.8 (1.82)	11.0 (1.04)	55.2 (3.07)	59.2 (3.24)	†	†	24.6 (5.77)
2010.....	27.8 (0.68)	34.8 (0.96)	15.0 (1.72)	10.8 (1.06)	49.0 (3.12)	52.3 (3.31)	†	†	24.9 (4.91)
2011.....	28.4 (0.82)	35.5 (1.16)	17.0 (1.83)	9.6 (0.90)	50.8 (3.42)	52.1 (3.55)	†	†	34.1 (6.62)
2012.....	29.8 (0.82)	36.0 (1.06)	19.1 (1.74)	12.5 (1.20)	55.0 (3.15)	56.9 (3.16)	†	†	30.4 (5.44)
<b>Master's or higher degree</b>									
1995.....	4.9 (0.35)	5.6 (0.45)	2.2 ! (0.80)	2.0 ! (0.70)	12.6 (2.68)	— (†)	— (†)	— (†)	— (†)
2000.....	4.7 (0.34)	4.9 (0.43)	2.1 ! (0.72)	1.5 (0.43)	17.2 (2.56)	— (†)	— (†)	— (†)	— (†)
2005.....	5.2 (0.38)	6.2 (0.55)	1.1 ! (0.43)	1.7 (0.46)	19.7 (3.13)	20.5 (3.30)	†	†	†
2006.....	5.1 (0.37)	5.8 (0.51)	1.7 ! (0.52)	1.1 (0.32)	20.5 (2.68)	21.8 (2.83)	†	†	5.9 ! (2.66)
2007.....	5.0 (0.39)	5.7 (0.50)	3.3 (0.99)	0.6 ! (0.19)	18.4 (2.89)	19.3 (3.00)	†	†	9.8 ! (4.28)
2008.....	5.3 (0.34)	5.9 (0.49)	3.4 (0.90)	1.2 (0.32)	20.9 (2.94)	22.1 (3.07)	†	†	7.8 ! (2.85)
2009.....	6.1 (0.37)	7.4 (0.60)	3.2 (0.73)	1.2 (0.28)	20.4 (2.48)	22.0 (2.69)	†	†	5.0 ! (2.38)
2010.....	5.2 (0.32)	6.3 (0.50)	2.9 (0.69)	1.5 (0.39)	15.0 (2.19)	16.2 (2.36)	†	†	# (†)
2011.....	5.1 (0.38)	5.9 (0.49)	1.9 (0.54)	1.8 (0.41)	18.0 (2.58)	19.1 (2.71)	†	†	†
2012.....	5.6 (0.42)	6.3 (0.59)	2.7 (0.72)	2.4 (0.50)	16.2 (2.46)	17.2 (2.60)	†	†	†
<b>Females</b>									
<b>High school completion or higher<sup>2</sup></b>									
1980.....	85.5 (0.48)	89.2 (0.48)	78.3 (1.71)	58.9 (3.38)	— (†)	— (†)	— (†)	— (†)	— (†)
1985.....	86.4 (0.47)	89.9 (0.48)	80.5 (1.61)	63.1 (2.48)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	87.0 (0.51)	91.7 (0.49)	82.0 (1.85)	59.9 (2.79)	85.1 (2.82)	— (†)	— (†)	— (†)	— (†)
1995.....	87.4 (0.54)	93.0 (0.50)	85.3 (1.75)	58.7 (2.60)	91.2 (2.50)	— (†)	— (†)	— (†)	— (†)
2000.....	89.4 (0.49)	95.2 (0.43)	86.2 (1.53)	66.4 (1.69)	95.2 (1.39)	— (†)	— (†)	— (†)	— (†)
2005.....	87.4 (0.44)	93.8 (0.47)	87.3 (1.22)	63.4 (1.54)	94.6 (1.36)	94.4 (1.41)	†	†	94.2 (2.26)
2006.....	88.5 (0.44)	94.6 (0.41)	88.0 (1.14)	66.6 (1.41)	95.6 (1.44)	96.0 (1.31)	†	†	89.4 (3.81)
2007.....	89.1 (0.45)	94.2 (0.44)	87.9 (1.46)	70.7 (1.30)	97.7 (1.05)	98.5 (0.68)	†	†	87.9 (3.82)
2008.....	89.9 (0.39)	94.7 (0.44)	89.2 (1.43)	71.9 (1.34)	96.1 (1.12)	96.2 (1.18)	†	†	84.2 (4.68)
2009.....	89.8 (0.41)	94.8 (0.44)	89.0 (1.12)	72.5 (1.34)	94.5 (1.20)	95.3 (1.18)	†	†	83.4 (4.81)
2010.....	90.2 (0.39)	94.4 (0.42)	91.1 (0.96)	74.1 (1.53)	93.6 (1.25)	94.5 (1.27)	†	†	86.8 (4.80)
2011.....	90.7 (0.36)	95.5 (0.42)	88.2 (1.24)	74.3 (1.26)	96.6 (0.89)	96.6 (0.92)	†	†	85.3 (6.02)
2012.....	91.1 (0.44)	95.3 (0.46)	90.6 (1.11)	76.9 (1.39)	96.3 (0.98)	96.1 (1.04)	†	†	85.8 (4.53)
<b>Bachelor's or higher degree<sup>4</sup></b>									
1980.....	21.0 (0.56)	23.2 (0.65)	12.4 (1.36)	6.9 (1.74)	— (†)	— (†)	— (†)	— (†)	— (†)
1985.....	21.3 (0.57)	23.3 (0.67)	12.6 (1.35)	11.2 (1.62)	— (†)	— (†)	— (†)	— (†)	— (†)
1990.....	22.8 (0.64)	26.2 (0.78)	11.9 (1.56)	9.1 (1.64)	37.4 (3.83)	— (†)	— (†)	— (†)	— (†)
1995.....	24.9 (0.70)	29.2 (0.89)	13.7 (1.70)	10.1 (1.59)	44.5 (4.38)	— (†)	— (†)	— (†)	— (†)
2000.....	30.1 (0.73)	35.8 (0.96)	17.4 (1.69)	11.0 (1.12)	53.1 (3.26)	— (†)	— (†)	— (†)	— (†)
2005.....	32.2 (0.75)	38.2 (1.00)	20.5 (1.68)	12.4 (1.07)	61.4 (3.06)	63.1 (3.11)	†	†	32.1 (5.70)
2006.....	31.6 (0.70)	37.2 (0.99)	21.7 (1.77)	12.8 (1.05)	60.4 (2.76)	62.8 (2.82)	†	†	25.7 (4.72)
2007.....	33.0 (0.72)	39.2 (1.03)	20.0 (1.38)	15.4 (1.10)	60.3 (2.83)	62.5 (2.88)	†	†	29.6 (5.17)
2008.....	34.9 (0.71)	41.7 (0.98)	21.6 (1.57)	15.5 (1.11)	61.6 (2.67)	64.4 (2.71)	†	†	27.7 (5.57)
2009.....	34.8 (0.78)	42.0 (1.12)	22.6 (1.75)	13.8 (1.09)	57.6 (3.00)	61.3 (3.03)	†	†	16.3 (4.42)
2010.....	35.7 (0.68)	42.4 (0.96)	23.3 (1.72)	16.8 (1.20)	55.8 (2.93)	58.9 (3.00)	†	†	18.4 ! (6.68)
2011.....	36.1 (0.71)	43.0 (1.03)	22.9 (1.62)	16.8 (1.10)	61.0 (2.74)	62.0 (2.75)	†	†	19.7 ! (6.64)
2012.....	37.2 (0.69)	43.6 (0.97)	26.7 (1.78)	17.4 (1.10)	64.0 (2.38)	66.2 (2.46)	†	†	14.0 ! (4.55)
<b>Master's or higher degree</b>									
1995.....	4.1 (0.32)	5.0 (0.42)	1.4 ! (0.59)	1.2 ! (0.58)	8.9 (2.50)	— (†)	— (†)	— (†)	— (†)
2000.....	6.2 (0.38)	6.7 (0.50)	4.9 (0.96)	2.7 (0.58)	13.9 (2.26)	— (†)	— (†)	— (†)	— (†)
2005.....	7.3 (0.44)	8.8 (0.64)	4.0 (0.70)	2.6 (0.51)	14.4 (2.08)	15.0 (2.15)	†	†	10.0 ! (4.26)
2006.....	7.8 (0.42)	9.2 (0.63)	4.5 (0.93)	2.0 (0.41)	19.7 (2.33)	20.4 (2.44)	†	†	8.3 ! (2.89)
2007.....	7.6 (0.43)	9.4 (0.63)	3.7 (0.66)	2.6 (0.53)	16.5 (2.39)	17.7 (2.54)	†	†	†
2008.....	8.7 (0.44)	10.4 (0.64)	5.2 (0.87)	2.9 (0.46)	18.9 (2.30)	19.9 (2.44)	†	†	†
2009.....	8.8 (0.45)	10.4 (0.66)	5.1 (0.80)	2.7 (0.43)	21.7 (2.45)	23.7 (2.70)	†	†	7.9 ! (2.84)
2010.....	8.5 (0.39)	9.2 (0.56)	6.2 (0.94)	3.8 (0.56)	20.6 (2.60)	21.8 (2.75)	†	†	10.0 ! (3.06)
2011.....	8.8 (0.48)	10.4 (0.72)	5.8 (0.85)	3.8 (0.63)	15.4 (1.98)	15.9 (2.03)	†	†	9.9 (2.61)
2012.....	8.8 (0.45)	10.0 (0.67)	7.1 (1.00)	3.0 (0.45)	19.3 (2.23)	20.4 (2.31)	†	†	6.3 ! (2.49)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

†Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes persons of Hispanic ethnicity for years prior to 1980.

<sup>2</sup>Data for years prior to 1993 are for persons with 4 or more years of high school. Data for later years are for high school completers—i.e., those persons who graduated from high school with a diploma as well as those who completed high school through equivalency programs, such as a GED program.

<sup>3</sup>Estimates based on Census Bureau reverse projection of 1940 census data on education by age.

<sup>4</sup>Data for years prior to 1993 are for persons with 4 or more years of college.

NOTE: Beginning in 2005, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years. For 1960 and prior years, data were collected in April. For all other years, data were collected in March. Race categories exclude persons of Hispanic ethnicity except where otherwise noted.

SOURCE: U.S. Department of Commerce, Census Bureau, *U.S. Census of Population: 1960*, Vol. I, Part 1; J.K. Folger and C.B. Nam, *Education of the American Population* (1960 Census Monograph); Current Population Reports, Series P-20, various years; and Current Population Survey (CPS), March 1970 through March 2012. (This table was prepared October 2012.)



**Table 10. Number of persons age 18 and over, by highest level of educational attainment, sex, race/ethnicity, and age: 2012—Continued**  
[Numbers in thousands. Standard errors appear in parentheses]

Sex, race/ethnicity, and age	Total	Elementary		High school			College					
		Less than 7 years	7 or 8 years	1 to 3 years	4 years, no completion	Completion	Some college	Associate's degree	Bachelor's degree	Master's degree	First-professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Hispanic, 18 and over...</b>	<b>34,679 (35.6)</b>	<b>4,377 (114.0)</b>	<b>1,673 (64.5)</b>	<b>4,402 (96.8)</b>	<b>1,156 (57.3)</b>	<b>10,542 (145.9)</b>	<b>5,874 (108.8)</b>	<b>2,211 (63.6)</b>	<b>3,230 (94.1)</b>	<b>914 (40.0)</b>	<b>171 (19.8)</b>	<b>129 (15.6)</b>
18 and 19 years old .....	1,763 (33.6)	† (†)	† (†)	551 (25.5)	191 (17.4)	522 (30.5)	453 (26.5)	† (†)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	4,471 (8.0)	143 (21.6)	80 (15.3)	463 (30.0)	195 (21.2)	1,483 (50.5)	1,534 (47.9)	268 (25.5)	290 (22.5)	† (†)	† (†)	† (†)
25 years old and over .....	28,445 (15.0)	4,225 (109.3)	1,574 (63.3)	3,388 (88.4)	770 (46.3)	8,538 (118.4)	3,887 (91.9)	1,931 (60.9)	2,935 (86.4)	903 (39.6)	169 (19.4)	126 (15.1)
25 to 29 years old .....	4,361 (33.6)	297 (30.0)	121 (16.4)	530 (34.7)	142 (17.3)	1,481 (49.4)	799 (40.7)	346 (27.1)	528 (35.4)	88 (13.4)	† (†)	† (†)
30 to 34 years old .....	4,178 (32.0)	446 (35.6)	196 (22.0)	568 (36.5)	132 (17.6)	1,312 (45.8)	586 (35.3)	290 (24.7)	470 (28.3)	128 (15.1)	† (†)	† (†)
35 to 39 years old .....	3,908 (29.9)	510 (32.8)	212 (20.2)	526 (29.6)	101 (14.1)	1,146 (40.3)	539 (31.0)	277 (22.8)	439 (28.8)	130 (14.7)	† (†)	† (†)
40 to 49 years old .....	6,797 (41.0)	898 (45.8)	384 (26.9)	827 (37.1)	217 (21.3)	2,074 (62.4)	882 (38.8)	484 (28.7)	708 (37.5)	244 (22.9)	47 (9.1)	† (†)
50 to 59 years old .....	4,650 (47.1)	847 (41.9)	268 (21.4)	469 (28.2)	105 (16.4)	1,329 (45.1)	624 (30.3)	320 (22.4)	477 (28.7)	163 (15.0)	† (†)	† (†)
60 to 64 years old .....	1,515 (40.4)	336 (24.6)	99 (12.1)	128 (15.9)	† (†)	445 (28.6)	210 (18.2)	91 (12.7)	98 (13.4)	61 (10.0)	† (†)	† (†)
65 years old and over .....	3,036 (4.9)	891 (37.7)	294 (21.5)	341 (23.8)	† (†)	752 (33.8)	248 (21.3)	124 (13.9)	215 (19.7)	88 (12.5)	† (†)	† (†)
<b>Asian, 18 and over .....</b>	<b>12,001 (87.3)</b>	<b>477 (37.8)</b>	<b>188 (21.4)</b>	<b>491 (32.1)</b>	<b>176 (22.3)</b>	<b>2,381 (75.0)</b>	<b>1,775 (61.8)</b>	<b>779 (38.9)</b>	<b>3,575 (80.4)</b>	<b>1,526 (69.1)</b>	<b>286 (30.0)</b>	<b>347 (24.6)</b>
18 and 19 years old .....	377 (21.7)	† (†)	† (†)	97 (12.5)	† (†)	79 (11.4)	170 (16.6)	† (†)	† (†)	† (†)	† (†)	† (†)
20 to 24 years old .....	1,153 (26.4)	† (†)	† (†)	† (†)	† (†)	155 (17.0)	574 (26.8)	63 (11.1)	248 (23.0)	† (†)	† (†)	† (†)
25 years old and over .....	10,471 (80.7)	473 (37.9)	184 (21.3)	363 (29.4)	128 (19.9)	2,147 (70.7)	1,030 (47.2)	716 (36.6)	3,323 (78.3)	1,476 (67.9)	286 (30.0)	344 (24.6)
25 to 29 years old .....	1,268 (30.9)	† (†)	† (†)	† (†)	† (†)	179 (18.4)	173 (17.7)	84 (12.4)	543 (30.1)	188 (23.5)	† (†)	† (†)
30 to 34 years old .....	1,306 (31.4)	† (†)	† (†)	† (†)	† (†)	187 (18.9)	146 (15.2)	94 (12.3)	448 (26.8)	258 (24.8)	67 (11.6)	† (†)
35 to 39 years old .....	1,317 (37.6)	† (†)	† (†)	† (†)	† (†)	204 (20.2)	116 (13.5)	80 (11.7)	438 (27.6)	289 (22.3)	† (†)	83 (12.5)
40 to 49 years old .....	2,366 (47.4)	76 (14.8)	† (†)	90 (13.1)	† (†)	454 (28.3)	195 (19.4)	170 (18.5)	804 (34.7)	381 (29.5)	46 (10.6)	90 (12.3)
50 to 59 years old .....	1,950 (45.7)	87 (12.8)	† (†)	67 (11.0)	† (†)	529 (29.0)	196 (19.9)	149 (16.7)	561 (30.3)	191 (19.5)	47 (10.3)	62 (10.2)
60 to 64 years old .....	751 (29.1)	46 (10.0)	† (†)	† (†)	† (†)	192 (18.3)	65 (10.3)	55 (9.7)	225 (20.4)	72 (12.1)	† (†)	† (†)
65 years old and over .....	1,514 (29.8)	218 (22.3)	71 (15.6)	90 (16.0)	† (†)	402 (27.5)	139 (17.1)	84 (11.9)	305 (26.3)	97 (13.1)	49 (10.3)	† (†)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Total includes other racial/ethnic groups not shown separately. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Standard errors were computed using replicate weights.  
SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2012. (This table was prepared October 2012.)

**Table 11. Persons age 25 and over who hold a bachelor's or higher degree, by sex, race/ethnicity, age group, and field of bachelor's degree: 2011**

[Standard errors appear in parentheses]

Field of bachelor's degree	Total <sup>1</sup>	Sex		Race/ethnicity					Age		
		Males	Females	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native	25 to 29 years old	30 to 49 years old	50 years old and over
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total population, 25 and over (in thousands)</b> .....	<b>206,533 (49.2)</b>	<b>99,460 (29.9)</b>	<b>107,072 (30.1)</b>	<b>140,314 (15.2)</b>	<b>23,442 (25.6)</b>	<b>28,147 (19.3)</b>	<b>10,452 (18.0)</b>	<b>1,249 (12.1)</b>	<b>21,044 (20.5)</b>	<b>83,549 (30.3)</b>	<b>101,940 (38.1)</b>
<b>Percent of population with bachelor's degree</b> .....	<b>28.6 (0.02)</b>	<b>28.8 (0.07)</b>	<b>28.4 (0.07)</b>	<b>31.8 (0.07)</b>	<b>18.7 (0.11)</b>	<b>13.4 (0.12)</b>	<b>49.4 (0.25)</b>	<b>14.3 (0.38)</b>	<b>31.0 (0.15)</b>	<b>31.1 (0.10)</b>	<b>26.0 (0.06)</b>
<b>Bachelor's degree holders</b>	Number (in thousands)										
<b>Total</b> .....	<b>58,996 (131.1)</b>	<b>28,619 (74.6)</b>	<b>30,377 (76.0)</b>	<b>44,684 (92.6)</b>	<b>4,374 (26.3)</b>	<b>3,759 (33.2)</b>	<b>5,162 (28.1)</b>	<b>179 (5.3)</b>	<b>6,516 (32.3)</b>	<b>25,999 (80.3)</b>	<b>26,481 (60.0)</b>
Agriculture/forestry .....	645 (9.7)	455 (7.1)	191 (5.3)	540 (8.9)	26 (2.2)	33 (2.4)	39 (2.4)	2 (0.6)	61 (3.2)	260 (6.9)	324 (6.2)
Art/architecture .....	2,781 (25.3)	1,215 (15.2)	1,566 (17.9)	2,181 (21.2)	120 (4.7)	185 (5.8)	241 (7.1)	7 (1.0)	416 (8.6)	1,261 (16.2)	1,104 (14.0)
Business/management .....	12,039 (49.3)	6,913 (33.2)	5,126 (29.3)	8,926 (42.1)	1,057 (13.0)	880 (12.0)	991 (12.3)	32 (2.0)	1,305 (16.6)	5,846 (35.7)	4,888 (26.6)
Communications .....	2,094 (18.8)	868 (11.3)	1,226 (13.3)	1,655 (15.8)	168 (5.6)	142 (5.1)	90 (3.8)	6 (1.0)	384 (8.9)	1,142 (13.0)	569 (9.0)
Computer and information sciences .....	1,602 (14.4)	1,134 (12.6)	468 (10.6)	955 (11.1)	159 (5.8)	110 (4.8)	346 (7.4)	3 (0.6)	237 (6.1)	1,021 (13.2)	343 (7.6)
Education .....	8,365 (35.1)	2,065 (15.2)	6,300 (31.0)	6,912 (30.7)	610 (10.2)	458 (9.6)	274 (6.3)	35 (2.4)	555 (9.9)	2,619 (20.9)	5,192 (24.9)
Engineering .....	4,596 (31.5)	3,958 (28.6)	638 (8.9)	3,161 (24.9)	174 (5.2)	319 (7.9)	861 (11.9)	9 (1.0)	432 (9.7)	2,050 (17.4)	2,114 (17.0)
English/literature .....	1,957 (15.2)	671 (9.6)	1,286 (13.1)	1,606 (15.2)	104 (4.6)	82 (3.9)	129 (4.3)	5 (0.8)	209 (6.3)	799 (8.8)	948 (11.5)
Foreign languages .....	654 (11.1)	186 (4.9)	468 (9.0)	491 (9.4)	24 (2.0)	60 (3.2)	67 (2.8)	1 ! (0.4)	64 (3.3)	266 (6.8)	324 (6.7)
Health sciences .....	4,146 (27.9)	746 (11.0)	3,401 (23.4)	3,026 (22.4)	354 (8.5)	225 (6.5)	472 (9.3)	13 (1.3)	402 (9.8)	1,809 (18.5)	1,935 (15.2)
Liberal arts/humanities .....	855 (9.7)	347 (6.1)	508 (7.7)	651 (8.3)	58 (3.7)	69 (3.3)	60 (2.7)	3 (0.8)	87 (3.8)	381 (7.7)	387 (5.2)
Mathematics/statistics .....	885 (10.9)	530 (7.5)	355 (6.9)	682 (9.4)	49 (2.7)	30 (2.2)	110 (4.3)	2 (0.6)	76 (3.9)	325 (7.1)	484 (7.4)
Natural sciences (biological and physical) .....	4,669 (29.2)	2,720 (23.0)	1,949 (16.9)	3,392 (22.9)	288 (9.5)	259 (7.3)	644 (10.4)	10 (1.2)	550 (9.9)	2,048 (19.4)	2,072 (17.3)
Philosophy/religion/theology .....	823 (12.1)	581 (9.2)	243 (7.1)	649 (11.5)	69 (3.1)	41 (2.2)	47 (2.7)	3 (0.7)	86 (4.0)	309 (8.4)	428 (7.1)
Pre-professional .....	884 (11.5)	535 (9.7)	350 (9.5)	616 (9.7)	138 (5.5)	86 (4.1)	25 (2.3)	5 (0.9)	138 (4.6)	509 (10.3)	238 (5.7)
Psychology .....	2,744 (20.3)	885 (13.5)	1,859 (15.9)	2,106 (15.6)	234 (5.6)	201 (5.9)	146 (5.9)	9 (1.0)	388 (8.2)	1,279 (14.8)	1,076 (11.7)
Social sciences/history .....	5,727 (35.6)	3,258 (22.6)	2,469 (21.0)	4,466 (29.8)	421 (9.6)	338 (7.2)	395 (8.4)	17 (1.4)	653 (11.3)	2,422 (20.3)	2,652 (22.0)
Other fields .....	3,528 (26.3)	1,553 (17.2)	1,975 (17.4)	2,669 (22.8)	323 (7.0)	238 (7.0)	225 (5.9)	15 (1.4)	473 (9.6)	1,653 (18.1)	1,402 (14.6)
<b>Total</b> .....	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
Agriculture/forestry .....	1.1 (0.02)	1.6 (0.02)	0.6 (0.02)	1.2 (0.02)	0.6 (0.05)	0.9 (0.06)	0.7 (0.05)	1.2 (0.33)	0.9 (0.05)	1.0 (0.03)	1.2 (0.02)
Art/architecture .....	4.7 (0.04)	4.2 (0.05)	5.2 (0.06)	4.9 (0.05)	2.8 (0.11)	4.9 (0.14)	4.7 (0.13)	4.1 (0.56)	6.4 (0.13)	4.9 (0.06)	4.2 (0.05)
Business/management .....	20.4 (0.07)	24.2 (0.11)	16.9 (0.08)	20.0 (0.08)	24.2 (0.28)	23.4 (0.25)	19.2 (0.21)	17.9 (1.04)	20.0 (0.23)	22.5 (0.12)	18.5 (0.08)
Communications .....	3.5 (0.03)	3.0 (0.04)	4.0 (0.04)	3.7 (0.03)	3.8 (0.12)	3.8 (0.13)	1.7 (0.07)	3.4 (0.54)	5.9 (0.14)	4.4 (0.05)	2.1 (0.03)
Computer and information sciences .....	2.7 (0.03)	4.0 (0.04)	1.5 (0.04)	2.1 (0.02)	3.6 (0.13)	2.9 (0.12)	6.7 (0.14)	1.9 (0.32)	3.6 (0.09)	3.9 (0.05)	1.3 (0.03)
Education .....	14.2 (0.05)	7.2 (0.05)	20.7 (0.08)	15.5 (0.06)	13.9 (0.21)	12.2 (0.23)	5.3 (0.12)	19.4 (1.17)	8.5 (0.14)	10.1 (0.07)	19.6 (0.08)
Engineering .....	7.8 (0.05)	13.8 (0.09)	2.1 (0.03)	7.1 (0.05)	4.0 (0.12)	8.5 (0.19)	16.7 (0.20)	4.9 (0.52)	6.6 (0.14)	7.9 (0.06)	8.0 (0.06)
English/literature .....	3.3 (0.02)	2.3 (0.03)	4.2 (0.04)	3.6 (0.03)	2.4 (0.10)	2.2 (0.10)	2.5 (0.08)	2.5 (0.46)	3.2 (0.10)	3.1 (0.03)	3.6 (0.04)
Foreign languages .....	1.1 (0.02)	0.6 (0.02)	1.5 (0.03)	1.1 (0.02)	0.5 (0.05)	1.6 (0.08)	1.3 (0.05)	0.8 ! (0.23)	1.0 (0.05)	1.0 (0.03)	1.2 (0.03)
Health sciences .....	7.0 (0.05)	2.6 (0.04)	11.2 (0.07)	6.8 (0.05)	8.1 (0.18)	6.0 (0.16)	9.1 (0.17)	7.1 (0.70)	6.2 (0.14)	7.0 (0.07)	7.3 (0.06)
Liberal arts/humanities .....	1.4 (0.02)	1.2 (0.02)	1.7 (0.03)	1.5 (0.02)	1.3 (0.08)	1.8 (0.09)	1.2 (0.05)	1.7 (0.45)	1.3 (0.06)	1.5 (0.03)	1.5 (0.02)
Mathematics/statistics .....	1.5 (0.02)	1.9 (0.03)	1.2 (0.02)	1.5 (0.02)	1.1 (0.06)	0.8 (0.06)	2.1 (0.08)	1.4 (0.31)	1.2 (0.06)	1.3 (0.03)	1.8 (0.03)
Natural sciences (biological and physical) .....	7.9 (0.05)	9.5 (0.08)	6.4 (0.05)	7.6 (0.05)	6.6 (0.21)	6.9 (0.18)	12.5 (0.19)	5.8 (0.62)	8.4 (0.15)	7.9 (0.07)	7.8 (0.06)
Philosophy/religion/theology .....	1.4 (0.02)	2.0 (0.03)	0.8 (0.02)	1.5 (0.03)	1.6 (0.07)	1.1 (0.06)	0.9 (0.05)	1.8 (0.40)	1.3 (0.06)	1.2 (0.03)	1.6 (0.03)
Pre-professional .....	1.5 (0.02)	1.9 (0.03)	1.2 (0.03)	1.4 (0.02)	3.1 (0.12)	2.3 (0.11)	0.5 (0.04)	2.5 (0.50)	2.1 (0.07)	2.0 (0.04)	0.9 (0.02)
Psychology .....	4.7 (0.03)	3.1 (0.05)	6.1 (0.05)	4.7 (0.03)	5.3 (0.12)	5.4 (0.15)	2.8 (0.11)	5.2 (0.53)	6.0 (0.12)	4.9 (0.06)	4.1 (0.04)
Social sciences/history .....	9.7 (0.06)	11.4 (0.07)	8.1 (0.07)	10.0 (0.06)	9.6 (0.22)	9.0 (0.19)	7.6 (0.16)	9.7 (0.76)	10.0 (0.16)	9.3 (0.07)	10.0 (0.08)
Other fields .....	6.0 (0.04)	5.4 (0.06)	6.5 (0.06)	6.0 (0.05)	7.4 (0.16)	6.3 (0.17)	4.4 (0.12)	8.6 (0.76)	7.3 (0.15)	6.4 (0.07)	5.3 (0.06)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Totals include other racial/ethnic groups not separately shown.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2011. (This table was prepared January 2013.)

**Table 12. Percentage distribution of 6- to 18-year-olds, by parent's highest level of educational attainment, household type, and child's race/ethnicity: 2006 and 2011**

[Standard errors appear in parentheses]

Year, household type, and race/ethnicity	Highest level of education attained by any parent residing with child <sup>1</sup>																		
	Total, all levels		Less than high school completion		High school completion <sup>2</sup>		Some college		Associate's degree		Bachelor's or higher degree								
											Total		Bachelor's degree		Master's degree		Doctor's degree		
1	2	3	4	5	6	7	8	9	10										
2006																			
<b>Total, both household types.....</b>	<b>100.0</b>	<b>(†)</b>	<b>11.2</b>	<b>(0.09)</b>	<b>23.6</b>	<b>(0.10)</b>	<b>21.6</b>	<b>(0.09)</b>	<b>10.5</b>	<b>(0.07)</b>	<b>33.2</b>	<b>(0.11)</b>	<b>19.8</b>	<b>(0.09)</b>	<b>8.8</b>	<b>(0.06)</b>	<b>4.6</b>	<b>(0.05)</b>	
White .....	100.0	(†)	4.2	(0.07)	20.8	(0.12)	21.7	(0.12)	11.7	(0.10)	41.6	(0.14)	24.4	(0.13)	11.3	(0.09)	5.9	(0.07)	
Black .....	100.0	(†)	13.2	(0.26)	31.8	(0.34)	26.9	(0.39)	10.0	(0.22)	18.1	(0.25)	12.1	(0.24)	4.5	(0.15)	1.5	(0.08)	
Hispanic.....	100.0	(†)	32.9	(0.33)	27.9	(0.26)	18.3	(0.22)	7.1	(0.14)	13.8	(0.17)	9.2	(0.14)	3.0	(0.08)	1.7	(0.06)	
Asian.....	100.0	(†)	9.7	(0.40)	15.5	(0.50)	11.6	(0.38)	7.2	(0.34)	56.0	(0.54)	30.0	(0.47)	14.8	(0.39)	11.2	(0.30)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	9.6	2.07	30.7	(2.72)	28.6	(3.09)	14.3	(2.65)	16.9	(2.23)	12.3	(2.32)	3.2	(0.96)	1.3	!	(0.55)
American Indian/Alaska Native.....	100.0	(†)	11.9	(0.99)	32.4	(1.14)	28.0	(1.03)	11.6	(0.85)	16.0	(0.85)	11.1	(0.72)	3.0	(0.39)	1.9	(0.39)	
Two or more races .....	100.0	(†)	5.9	(0.33)	21.5	(0.70)	25.2	(0.56)	12.3	(0.49)	35.1	(0.67)	20.8	(0.54)	8.9	(0.37)	5.4	(0.28)	
Two-parent household .....	100.0	(†)	7.4	(0.08)	19.4	(0.12)	20.2	(0.11)	11.2	(0.09)	41.8	(0.13)	24.2	(0.11)	11.4	(0.08)	6.2	(0.07)	
White .....	100.0	(†)	2.1	(0.06)	17.5	(0.12)	20.3	(0.13)	12.1	(0.11)	48.0	(0.17)	27.6	(0.15)	13.3	(0.11)	7.1	(0.08)	
Black .....	100.0	(†)	4.0	(0.26)	23.1	(0.55)	27.3	(0.58)	13.1	(0.45)	32.5	(0.60)	20.7	(0.53)	8.6	(0.34)	3.2	(0.19)	
Hispanic.....	100.0	(†)	29.5	(0.39)	26.6	(0.30)	18.8	(0.28)	7.8	(0.18)	17.2	(0.23)	11.3	(0.18)	3.8	(0.10)	2.2	(0.08)	
Asian.....	100.0	(†)	7.5	(0.34)	13.9	(0.53)	10.9	(0.42)	7.1	(0.36)	60.6	(0.62)	31.5	(0.55)	16.6	(0.47)	12.5	(0.34)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	7.7	!	25.1	(2.49)	32.5	(3.83)	15.2	(3.53)	19.5	(2.66)	14.0	(2.76)	4.0	!	1.6	!	(0.73)
American Indian/Alaska Native.....	100.0	(†)	5.4	(0.76)	28.7	(1.57)	28.7	(1.73)	12.8	(1.05)	24.3	(1.22)	17.5	(1.13)	4.1	(0.57)	2.7	(0.59)	
Two or more races .....	100.0	(†)	1.5	(0.18)	16.0	(0.82)	22.1	(0.74)	13.4	(0.64)	47.0	(0.78)	26.7	(0.72)	12.4	(0.54)	8.0	(0.42)	
Single-parent household.....	100.0	(†)	19.2	(0.18)	32.5	(0.18)	24.4	(0.18)	8.9	(0.12)	15.1	(0.15)	10.4	(0.12)	3.3	(0.08)	1.4	(0.05)	
White .....	100.0	(†)	10.7	(0.22)	31.4	(0.27)	26.2	(0.27)	10.6	(0.18)	21.1	(0.25)	14.2	(0.19)	4.8	(0.14)	2.0	(0.09)	
Black .....	100.0	(†)	18.5	(0.37)	36.9	(0.44)	26.7	(0.49)	8.2	(0.29)	9.8	(0.25)	7.1	(0.21)	2.1	(0.12)	0.6	(0.07)	
Hispanic.....	100.0	(†)	39.1	(0.50)	30.1	(0.47)	17.4	(0.32)	5.7	(0.24)	7.6	(0.20)	5.4	(0.19)	1.5	(0.10)	0.7	(0.07)	
Asian.....	100.0	(†)	20.4	(1.46)	23.3	(1.22)	15.3	(0.91)	7.7	(0.77)	33.3	(1.51)	22.9	(1.35)	5.9	(0.43)	4.4	(0.51)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	14.4	(3.80)	44.2	(6.13)	19.1	(4.80)	11.9	(3.36)	10.4	!	8.3	(3.14)	†	(†)	†	(†)	
American Indian/Alaska Native.....	100.0	(†)	18.9	(1.73)	36.5	(1.92)	27.3	(1.53)	10.2	(1.17)	7.1	(0.91)	4.2	(0.67)	1.8	(0.39)	1.1	!	(0.42)
Two or more races .....	100.0	(†)	12.4	(0.75)	29.6	(1.26)	29.7	(1.02)	10.8	(0.74)	17.5	(0.88)	12.2	(0.73)	3.6	(0.33)	1.7	(0.31)	
2011																			
<b>Total, both household types.....</b>	<b>100.0</b>	<b>(†)</b>	<b>11.2</b>	<b>(0.09)</b>	<b>20.1</b>	<b>(0.10)</b>	<b>22.9</b>	<b>(0.12)</b>	<b>10.3</b>	<b>(0.07)</b>	<b>35.5</b>	<b>(0.15)</b>	<b>20.5</b>	<b>(0.11)</b>	<b>10.3</b>	<b>(0.09)</b>	<b>4.7</b>	<b>(0.05)</b>	
White .....	100.0	(†)	3.7	(0.06)	17.2	(0.13)	22.2	(0.15)	11.6	(0.12)	45.3	(0.19)	25.9	(0.14)	13.4	(0.12)	6.0	(0.08)	
Black .....	100.0	(†)	10.9	(0.26)	25.9	(0.30)	30.9	(0.34)	10.7	(0.22)	21.7	(0.29)	13.5	(0.26)	6.2	(0.18)	1.9	(0.10)	
Hispanic.....	100.0	(†)	30.8	(0.26)	25.2	(0.27)	21.0	(0.24)	7.3	(0.16)	15.7	(0.21)	10.2	(0.18)	3.8	(0.11)	1.7	(0.07)	
Asian.....	100.0	(†)	10.1	(0.33)	12.3	(0.35)	11.3	(0.39)	7.1	(0.25)	59.2	(0.57)	29.0	(0.48)	18.2	(0.40)	12.0	(0.38)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	7.8	(1.63)	28.7	(2.90)	31.5	(2.85)	14.9	(2.06)	17.1	(2.19)	10.6	(1.81)	3.8	(0.96)	2.7	!	(0.88)
American Indian/Alaska Native.....	100.0	(†)	10.9	(0.71)	25.0	(1.03)	31.2	(1.23)	13.2	(0.73)	19.8	(1.07)	14.4	(0.99)	4.2	(0.50)	1.3	(0.21)	
Two or more races .....	100.0	(†)	5.6	(0.31)	17.8	(0.46)	27.6	(0.55)	11.9	(0.43)	37.2	(0.69)	20.6	(0.54)	10.5	(0.42)	6.0	(0.30)	
Two-parent household .....	100.0	(†)	7.5	(0.09)	15.8	(0.12)	20.3	(0.14)	10.9	(0.10)	45.4	(0.18)	25.4	(0.14)	13.6	(0.12)	6.5	(0.08)	
White .....	100.0	(†)	1.8	(0.06)	13.5	(0.13)	19.9	(0.16)	11.9	(0.13)	52.9	(0.19)	29.5	(0.15)	16.1	(0.15)	7.4	(0.11)	
Black .....	100.0	(†)	3.1	(0.20)	16.8	(0.44)	28.3	(0.56)	13.5	(0.44)	38.2	(0.61)	22.0	(0.54)	12.0	(0.42)	4.2	(0.22)	
Hispanic.....	100.0	(†)	26.8	(0.33)	24.3	(0.36)	20.4	(0.30)	7.9	(0.20)	20.5	(0.34)	13.0	(0.28)	5.1	(0.16)	2.4	(0.10)	
Asian.....	100.0	(†)	8.2	(0.34)	10.7	(0.37)	10.3	(0.40)	6.8	(0.26)	63.9	(0.63)	30.2	(0.54)	20.2	(0.46)	13.5	(0.43)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	4.2	!	27.0	(3.67)	33.0	(3.39)	15.4	(2.64)	20.4	(2.92)	13.3	(2.50)	4.3	(1.22)	2.8	(0.83)	
American Indian/Alaska Native.....	100.0	(†)	3.7	(0.58)	20.0	(1.28)	29.6	(1.91)	17.3	(1.26)	29.5	(1.70)	20.9	(1.60)	6.2	(0.92)	2.4	(0.43)	
Two or more races .....	100.0	(†)	1.8	(0.20)	11.7	(0.56)	24.1	(0.74)	12.2	(0.59)	50.0	(0.91)	25.8	(0.72)	15.0	(0.61)	9.2	(0.49)	
Single-parent household.....	100.0	(†)	18.3	(0.18)	28.2	(0.19)	27.7	(0.20)	9.3	(0.10)	16.5	(0.17)	11.2	(0.14)	3.9	(0.09)	1.3	(0.04)	
White .....	100.0	(†)	9.3	(0.18)	28.3	(0.31)	28.7	(0.32)	11.0	(0.21)	22.8	(0.28)	15.2	(0.26)	5.6	(0.14)	2.0	(0.09)	
Black .....	100.0	(†)	15.0	(0.37)	30.6	(0.39)	32.2	(0.42)	9.2	(0.29)	12.9	(0.27)	9.1	(0.25)	3.2	(0.14)	0.7	(0.07)	
Hispanic.....	100.0	(†)	36.9	(0.48)	26.5	(0.42)	21.8	(0.34)	6.3	(0.23)	8.4	(0.27)	5.8	(0.21)	1.9	(0.13)	0.7	(0.06)	
Asian.....	100.0	(†)	18.9	(1.07)	20.2	(1.10)	16.3	(1.00)	8.4	(0.73)	36.1	(1.35)	23.4	(1.18)	8.2	(0.74)	4.5	(0.50)	
Native Hawaiian/Pacific Islander.....	100.0	(†)	15.8	(3.66)	32.6	(4.55)	28.1	(5.35)	13.8	(4.09)	9.7	(2.72)	4.6	!	†	(†)	†	(†)	
American Indian/Alaska Native.....	100.0	(†)	17.6	(1.26)	29.6	(1.67)	32.6	(1.74)	9.3	(0.87)	10.8	(1.06)	8.3	(0.99)	2.3	(0.39)	0.2	!	(0.09)
Two or more races .....	100.0	(†)	10.8	(0.69)	26.2	(0.86)	32.4	(0.82)	11.4	(0.58)	19.2	(0.75)	13.4	(0.56)	4.2	(0.46)	1.6	(0.26)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes adoptive and stepparents, but excludes parents not residing in the same household as their children.<sup>2</sup>Includes parents who completed high school through equivalency programs, such as a GED program.

NOTE: Table includes only 6- to 18-year-olds who resided with at least one parent (including an adoptive or stepparent). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2006 and 2011. (This table was prepared December 2012.)









**Table 15. Percentage of persons age 25 and over with high school completion or higher and a bachelor's or higher degree, by race/ethnicity and state: 2008–10—Continued**  
 [Standard errors appear in parentheses]

State	Percent with high school completion or higher								Percent with bachelor's degree or higher							
	Total	White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Total	White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ohio.....	87.7 (0.07)	89.0 (0.08)	81.4 (0.29)	70.2 (0.91)	90.1 (0.70)	74.3 (9.55)	80.4 (2.31)	86.2 (0.65)	24.4 (0.10)	25.1 (0.12)	14.8 (0.31)	16.4 (0.66)	62.7 (0.99)	16.6 ! (5.95)	21.8 (2.56)	23.8 (1.12)
Oklahoma.....	85.8 (0.16)	88.4 (0.15)	86.1 (0.73)	56.1 (1.02)	81.8 (1.72)	83.7 (6.88)	84.1 (0.63)	86.0 (0.63)	22.5 (0.20)	24.2 (0.23)	17.7 (0.75)	9.8 (0.62)	42.2 (2.46)	8.9 ! (3.97)	16.0 (0.60)	19.1 (0.81)
Oregon.....	88.8 (0.14)	92.3 (0.14)	86.7 (1.22)	55.3 (0.90)	85.6 (0.81)	84.5 (3.62)	86.2 (1.38)	88.6 (1.03)	28.7 (0.20)	30.1 (0.21)	24.6 (1.67)	10.8 (0.49)	45.6 (1.17)	20.2 (4.51)	13.2 (1.30)	22.8 (1.26)
Pennsylvania.....	88.0 (0.07)	89.7 (0.07)	82.6 (0.34)	67.2 (0.67)	82.5 (0.67)	81.2 (6.61)	83.6 (2.37)	87.7 (0.96)	26.6 (0.11)	27.6 (0.12)	14.7 (0.33)	14.0 (0.50)	53.8 (0.75)	21.1 ! (6.57)	21.5 (3.03)	24.9 (1.51)
Rhode Island.....	84.0 (0.26)	87.5 (0.28)	75.6 (1.92)	58.7 (1.55)	79.6 (2.16)	† (†)	70.6 (7.97)	83.9 (2.39)	30.3 (0.38)	32.9 (0.41)	18.1 (1.70)	11.7 (0.84)	43.1 (2.84)	† (†)	† ! (†)	25.3 (3.52)
South Carolina.....	83.7 (0.15)	87.7 (0.17)	76.9 (0.33)	58.2 (1.13)	86.0 (1.14)	† (†)	72.5 (2.86)	84.5 (1.58)	24.3 (0.13)	28.6 (0.16)	13.5 (0.35)	11.4 (0.63)	49.8 (1.87)	† (†)	10.0 (1.80)	23.3 (1.83)
South Dakota.....	89.9 (0.34)	91.3 (0.33)	83.6 (7.80)	80.1 (2.87)	86.7 (5.08)	† (†)	75.9 (1.90)	86.8 (2.78)	26.0 (0.43)	27.3 (0.49)	21.3 (4.98)	21.0 (3.81)	46.3 (5.62)	† (†)	10.3 (1.24)	19.0 (4.09)
Tennessee.....	83.2 (0.14)	84.7 (0.15)	80.5 (0.39)	57.1 (1.14)	87.1 (1.13)	† (†)	78.6 (2.86)	79.7 (1.36)	22.8 (0.16)	24.1 (0.17)	16.0 (0.34)	12.1 (0.61)	49.4 (1.63)	† (†)	17.0 (2.78)	19.8 (1.65)
Texas.....	80.3 (0.08)	91.7 (0.06)	85.4 (0.21)	58.6 (0.21)	86.5 (0.30)	93.1 (1.67)	86.8 (0.93)	89.8 (0.52)	25.8 (0.08)	33.7 (0.10)	19.2 (0.24)	11.4 (0.11)	54.0 (0.45)	13.8 (2.60)	22.8 (1.13)	30.1 (0.86)
Utah.....	90.5 (0.18)	94.2 (0.15)	84.4 (3.10)	63.4 (1.05)	87.1 (1.35)	87.7 (2.45)	79.6 (2.00)	90.7 (2.03)	29.1 (0.26)	31.3 (0.28)	26.6 (3.53)	10.9 (0.57)	44.2 (2.12)	11.2 (2.08)	12.1 (1.98)	27.7 (2.83)
Vermont.....	91.1 (0.32)	91.1 (0.32)	92.1 (3.45)	93.3 (2.09)	87.0 (3.56)	† (†)	68.5 (10.91)	89.4 (2.55)	33.7 (0.56)	33.8 (0.57)	37.9 (8.78)	29.6 (4.87)	38.9 (6.25)	† (†)	† ! (†)	23.3 (5.01)
Virginia.....	86.2 (0.11)	89.4 (0.12)	80.0 (0.34)	66.8 (0.84)	88.7 (0.50)	90.2 (4.51)	81.5 (2.14)	90.7 (0.91)	33.9 (0.16)	37.1 (0.17)	18.9 (0.26)	22.5 (0.64)	56.3 (0.78)	26.1 (6.26)	19.4 (2.26)	39.3 (1.58)
Washington.....	89.7 (0.12)	93.3 (0.11)	87.7 (0.68)	59.1 (0.86)	85.3 (0.52)	85.8 (2.29)	83.2 (0.99)	91.8 (0.58)	31.0 (0.14)	32.3 (0.18)	20.7 (0.73)	12.3 (0.38)	46.0 (0.64)	11.0 (1.61)	14.2 (0.97)	26.2 (0.88)
West Virginia.....	82.5 (0.25)	82.5 (0.26)	85.2 (1.29)	79.8 (2.88)	85.4 (3.13)	† (†)	83.8 (4.11)	76.4 (2.14)	17.1 (0.21)	17.0 (0.22)	12.4 (1.25)	20.6 (2.46)	65.5 (3.40)	† (†)	7.9 ! (2.88)	13.6 (1.77)
Wisconsin.....	89.9 (0.12)	92.1 (0.11)	79.8 (0.71)	59.6 (1.25)	81.7 (1.25)	† (†)	85.6 (1.40)	86.1 (1.62)	25.8 (0.19)	26.9 (0.20)	13.6 (0.92)	11.5 (0.64)	46.0 (1.73)	† (†)	13.2 (1.32)	22.1 (2.15)
Wyoming.....	92.2 (0.32)	93.3 (0.31)	89.9 (4.95)	78.1 (1.78)	94.3 (3.45)	† (†)	82.4 (3.73)	94.5 (2.14)	23.7 (0.51)	24.9 (0.53)	22.4 ! (7.12)	9.9 (1.41)	39.2 (8.32)	† (†)	12.0 ! (3.82)	18.1 (3.55)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Estimates are 3-year averages of 2008–10 data. Use of a 3-year average increases the sample size, thereby reducing the size of sampling errors and producing more stable estimates. Race categories exclude persons of Hispanic ethnicity.  
 SOURCE: U.S. Department of Commerce, Census Bureau, 2008–2010 American Community Survey (ACS) 3-Year Public Use Microdata Sample (PUMS) data. (This table was prepared August 2012.)

**Table 16. Percentage of persons age 25 and over with high school completion or higher and a bachelor's or higher degree, by sex and state: 2008–10**

[Standard errors appear in parentheses]

State	Number of persons 25 years old and over (in thousands)			Percent with high school completion or higher degree			Percent with bachelor's or higher degree		
	Total	Males	Females	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
<b>United States ...</b>	<b>202,046 (30.2)</b>	<b>97,175 (16.6)</b>	<b>104,871 (16.9)</b>	<b>85.3 (0.03)</b>	<b>84.7 (0.03)</b>	<b>86.0 (0.03)</b>	<b>28.0 (0.04)</b>	<b>28.6 (0.05)</b>	<b>27.5 (0.04)</b>
Alabama.....	3,142 (1.7)	1,486 (1.5)	1,656 (1.3)	82.0 (0.17)	81.3 (0.24)	82.6 (0.19)	22.0 (0.16)	22.2 (0.22)	21.8 (0.22)
Alaska.....	439 (0.8)	227 (0.7)	212 (0.7)	91.5 (0.34)	91.5 (0.47)	91.5 (0.42)	27.6 (0.52)	26.0 (0.60)	29.3 (0.76)
Arizona.....	4,088 (1.7)	1,996 (1.3)	2,092 (1.1)	85.0 (0.13)	84.5 (0.17)	85.5 (0.17)	26.1 (0.16)	27.3 (0.22)	24.9 (0.18)
Arkansas.....	1,904 (1.6)	914 (1.3)	990 (1.1)	82.5 (0.20)	81.5 (0.29)	83.5 (0.23)	19.1 (0.22)	19.1 (0.26)	19.1 (0.26)
California.....	23,781 (3.0)	11,592 (3.0)	12,189 (2.7)	80.7 (0.05)	80.3 (0.07)	81.0 (0.07)	30.0 (0.07)	30.7 (0.09)	29.4 (0.08)
Colorado.....	3,268 (1.7)	1,613 (1.4)	1,655 (1.2)	89.5 (0.12)	89.0 (0.17)	90.0 (0.15)	36.2 (0.17)	36.7 (0.23)	35.8 (0.22)
Connecticut.....	2,416 (1.0)	1,145 (1.0)	1,271 (0.9)	88.5 (0.15)	88.0 (0.21)	89.0 (0.17)	35.6 (0.21)	36.7 (0.29)	34.6 (0.25)
Delaware.....	597 (0.7)	282 (0.5)	315 (0.5)	87.2 (0.29)	86.4 (0.41)	88.0 (0.36)	27.5 (0.40)	27.6 (0.54)	27.3 (0.49)
District of Columbia...	406 (0.4)	190 (0.4)	216 (0.4)	87.0 (0.44)	86.9 (0.58)	87.1 (0.48)	49.8 (0.45)	51.2 (0.63)	48.6 (0.53)
Florida.....	12,927 (2.8)	6,181 (2.2)	6,746 (1.9)	85.4 (0.08)	84.5 (0.11)	86.3 (0.08)	25.8 (0.08)	27.0 (0.11)	24.6 (0.11)
Georgia.....	6,155 (3.3)	2,926 (2.7)	3,228 (2.0)	84.1 (0.11)	82.9 (0.16)	85.1 (0.13)	27.4 (0.13)	27.6 (0.17)	27.2 (0.16)
Hawaii.....	916 (0.5)	450 (0.6)	466 (0.5)	90.2 (0.24)	90.8 (0.28)	89.7 (0.29)	29.3 (0.38)	28.9 (0.47)	29.7 (0.49)
Idaho.....	972 (1.0)	480 (0.8)	492 (0.8)	88.4 (0.22)	87.9 (0.25)	88.9 (0.29)	24.4 (0.29)	25.7 (0.35)	23.1 (0.36)
Illinois.....	8,406 (2.2)	4,031 (2.2)	4,376 (2.0)	86.5 (0.09)	86.0 (0.12)	87.0 (0.12)	30.5 (0.12)	31.0 (0.17)	30.2 (0.14)
Indiana.....	4,201 (1.6)	2,023 (1.5)	2,177 (1.4)	86.6 (0.11)	86.1 (0.17)	87.1 (0.14)	22.8 (0.15)	23.3 (0.19)	22.3 (0.19)
Iowa.....	2,003 (1.8)	972 (1.4)	1,032 (1.3)	90.4 (0.14)	89.7 (0.19)	91.1 (0.17)	25.0 (0.24)	24.7 (0.29)	25.2 (0.25)
Kansas.....	1,825 (1.5)	887 (1.3)	938 (1.1)	89.5 (0.18)	88.8 (0.24)	90.1 (0.22)	29.8 (0.22)	30.2 (0.31)	29.4 (0.27)
Kentucky.....	2,880 (1.5)	1,383 (1.2)	1,497 (1.3)	81.7 (0.18)	80.4 (0.22)	82.9 (0.21)	20.5 (0.16)	20.3 (0.23)	20.6 (0.19)
Louisiana.....	2,901 (1.6)	1,388 (1.3)	1,514 (1.1)	81.8 (0.18)	80.4 (0.25)	83.1 (0.20)	21.1 (0.18)	20.6 (0.22)	21.7 (0.22)
Maine.....	935 (0.8)	447 (0.7)	488 (0.7)	90.1 (0.23)	88.8 (0.29)	91.4 (0.33)	26.2 (0.43)	24.8 (0.50)	27.6 (0.49)
Maryland.....	3,825 (1.4)	1,798 (1.3)	2,027 (1.2)	87.9 (0.13)	86.8 (0.18)	88.8 (0.15)	35.6 (0.16)	36.3 (0.19)	35.0 (0.22)
Massachusetts.....	4,420 (1.4)	2,088 (1.1)	2,332 (1.2)	89.0 (0.11)	88.6 (0.15)	89.3 (0.12)	38.6 (0.18)	39.1 (0.23)	38.1 (0.20)
Michigan.....	6,563 (2.3)	3,153 (2.1)	3,410 (1.7)	88.6 (0.08)	87.9 (0.12)	89.2 (0.10)	25.2 (0.11)	25.8 (0.12)	24.7 (0.15)
Minnesota.....	3,495 (2.2)	1,709 (1.9)	1,786 (1.7)	91.4 (0.11)	90.9 (0.15)	91.8 (0.14)	31.8 (0.17)	32.1 (0.22)	31.4 (0.25)
Mississippi.....	1,891 (1.8)	892 (1.3)	998 (1.1)	80.7 (0.19)	79.2 (0.27)	82.0 (0.24)	19.8 (0.19)	19.3 (0.26)	20.3 (0.24)
Missouri.....	3,944 (1.9)	1,888 (1.8)	2,056 (1.3)	86.8 (0.12)	86.5 (0.18)	87.0 (0.14)	25.4 (0.15)	25.7 (0.20)	25.1 (0.19)
Montana.....	664 (1.0)	328 (0.9)	337 (0.7)	91.7 (0.28)	91.0 (0.40)	92.4 (0.32)	28.5 (0.36)	28.3 (0.49)	28.7 (0.45)
Nebraska.....	1,176 (1.2)	573 (0.9)	603 (1.0)	90.1 (0.19)	89.1 (0.25)	91.1 (0.23)	27.6 (0.31)	27.5 (0.39)	27.6 (0.40)
Nevada.....	1,769 (0.9)	887 (0.8)	882 (0.8)	84.1 (0.15)	83.8 (0.21)	84.5 (0.21)	21.8 (0.19)	22.6 (0.25)	21.0 (0.25)
New Hampshire.....	902 (0.7)	438 (0.7)	464 (0.5)	91.3 (0.21)	90.2 (0.31)	92.2 (0.26)	33.0 (0.40)	33.6 (0.56)	32.5 (0.43)
New Jersey.....	5,924 (1.7)	2,808 (1.5)	3,117 (1.2)	87.7 (0.08)	87.4 (0.12)	88.0 (0.11)	35.0 (0.15)	36.3 (0.18)	33.8 (0.18)
New Mexico.....	1,316 (1.2)	637 (0.9)	679 (0.9)	83.1 (0.25)	82.1 (0.33)	84.0 (0.27)	25.2 (0.28)	25.2 (0.34)	25.2 (0.37)
New York.....	12,991 (2.8)	6,117 (2.2)	6,874 (1.9)	84.5 (0.09)	84.2 (0.11)	84.7 (0.10)	32.3 (0.09)	32.4 (0.11)	32.3 (0.12)
North Carolina.....	6,239 (2.1)	2,961 (1.6)	3,278 (1.8)	84.1 (0.11)	82.3 (0.18)	85.8 (0.12)	26.4 (0.12)	26.3 (0.17)	26.5 (0.15)
North Dakota.....	434 (0.9)	216 (0.5)	219 (0.6)	90.1 (0.35)	89.6 (0.46)	90.7 (0.43)	27.0 (0.53)	25.6 (0.63)	28.4 (0.71)
Ohio.....	7,690 (1.8)	3,669 (1.8)	4,021 (1.5)	87.7 (0.07)	87.3 (0.11)	88.2 (0.09)	24.4 (0.10)	25.2 (0.14)	23.7 (0.12)
Oklahoma.....	2,413 (1.6)	1,170 (1.1)	1,243 (1.2)	85.8 (0.16)	85.0 (0.22)	86.5 (0.20)	22.5 (0.20)	22.8 (0.24)	22.1 (0.25)
Oregon.....	2,580 (1.1)	1,257 (1.1)	1,323 (1.0)	88.8 (0.14)	87.9 (0.17)	89.7 (0.19)	28.7 (0.20)	29.6 (0.25)	27.9 (0.23)
Pennsylvania.....	8,604 (3.1)	4,093 (2.5)	4,511 (2.4)	88.0 (0.07)	87.8 (0.10)	88.1 (0.11)	26.6 (0.11)	27.6 (0.14)	25.7 (0.12)
Rhode Island.....	709 (0.6)	333 (0.5)	375 (0.5)	84.0 (0.26)	83.3 (0.36)	84.6 (0.34)	30.3 (0.38)	31.4 (0.51)	29.2 (0.43)
South Carolina.....	3,036 (1.2)	1,439 (1.2)	1,597 (0.9)	83.7 (0.15)	82.4 (0.22)	85.0 (0.18)	24.3 (0.13)	24.6 (0.19)	24.0 (0.18)
South Dakota.....	525 (1.0)	257 (0.8)	268 (0.9)	89.9 (0.34)	88.6 (0.47)	91.2 (0.36)	26.0 (0.43)	26.0 (0.57)	26.0 (0.63)
Tennessee.....	4,207 (1.8)	2,005 (1.4)	2,202 (1.3)	83.2 (0.14)	82.2 (0.20)	84.1 (0.16)	22.8 (0.16)	23.4 (0.20)	22.3 (0.19)
Texas.....	15,446 (3.8)	7,511 (2.9)	7,935 (2.6)	80.3 (0.08)	79.6 (0.12)	80.9 (0.08)	25.8 (0.08)	26.6 (0.11)	25.0 (0.08)
Utah.....	1,547 (1.0)	767 (1.0)	780 (0.8)	90.5 (0.18)	89.9 (0.22)	91.1 (0.23)	29.1 (0.26)	32.3 (0.36)	25.9 (0.29)
Vermont.....	429 (0.7)	207 (0.6)	223 (0.5)	91.1 (0.32)	90.0 (0.44)	92.0 (0.43)	33.7 (0.56)	32.0 (0.72)	35.3 (0.66)
Virginia.....	5,282 (2.4)	2,537 (1.9)	2,745 (1.9)	86.2 (0.11)	85.1 (0.17)	87.3 (0.13)	33.9 (0.16)	34.5 (0.21)	33.4 (0.19)
Washington.....	4,437 (1.9)	2,175 (1.7)	2,263 (1.5)	89.7 (0.12)	89.2 (0.15)	90.1 (0.14)	31.0 (0.14)	31.9 (0.20)	30.0 (0.16)
West Virginia.....	1,290 (0.8)	623 (0.8)	667 (0.7)	82.5 (0.25)	81.3 (0.35)	83.7 (0.31)	17.1 (0.21)	16.7 (0.30)	17.4 (0.29)
Wisconsin.....	3,771 (2.2)	1,842 (1.8)	1,929 (1.5)	89.9 (0.12)	89.2 (0.16)	90.5 (0.16)	25.8 (0.19)	25.5 (0.23)	26.1 (0.23)
Wyoming.....	364 (0.7)	184 (0.6)	180 (0.5)	92.2 (0.32)	91.7 (0.49)	92.7 (0.37)	23.7 (0.51)	23.7 (0.66)	23.7 (0.65)

NOTE: Estimates are 3-year averages of 2008–10 data. Use of a 3-year average increases the sample size, thereby reducing the size of sampling errors and producing more stable estimates. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, 2008–2010 American Community Survey (ACS) 3-Year Public Use Microdata Sample (PUMS) data. (This table was prepared August 2012.)



**Table 18. Number and percentage of persons 3 years old and over using the Internet and percentage distribution by means of internet access from home and main reason for not having high-speed access, by selected characteristics of students and other users: 2010**

[Standard errors appear in parentheses]

Selected characteristic	Total population age 3 and over (in thousands)	Persons using the Internet anywhere		Among internet users, percent using the Internet from home	Percentage distribution of home internet users, by means of access from home		Percentage distribution of persons with no internet access at home or no high-speed access at home, by main reason for not having high-speed access						
		Number (in thousands)	Percent of population		A regular "dial-up" telephone	High speed (i.e., faster than dial-up) <sup>1</sup>	Don't need it, not interested	Too expensive	Can use it somewhere else	Not available in area	No computer or computer inadequate	Other reasons	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Total, all persons.....</b>	<b>292,233 (62.3)</b>	<b>249,031 (580.7)</b>	<b>85.2 (0.20)</b>	<b>89.1 (0.20)</b>	<b>3.9 (0.12)</b>	<b>96.1 (0.12)</b>	<b>38.8 (0.51)</b>	<b>31.1 (0.55)</b>	<b>5.0 (0.26)</b>	<b>3.8 (0.23)</b>	<b>14.3 (0.45)</b>	<b>7.0 (0.28)</b>	
Sex													
Male.....	142,999 (47.9)	122,464 (320.1)	85.6 (0.23)	89.5 (0.22)	3.8 (0.13)	96.2 (0.13)	38.5 (0.54)	31.0 (0.64)	5.4 (0.31)	3.9 (0.25)	14.2 (0.50)	7.1 (0.32)	
Female.....	149,234 (43.5)	126,567 (311.7)	84.8 (0.21)	88.7 (0.22)	4.1 (0.13)	95.9 (0.13)	39.1 (0.56)	31.2 (0.57)	4.6 (0.25)	3.7 (0.23)	14.5 (0.46)	6.9 (0.30)	
Race/ethnicity													
White.....	190,353 (70.3)	166,180 (391.6)	87.3 (0.20)	92.4 (0.18)	4.0 (0.14)	96.0 (0.14)	45.7 (0.72)	24.9 (0.65)	4.7 (0.27)	5.7 (0.34)	11.9 (0.41)	7.2 (0.36)	
Black.....	35,140 (109.0)	27,848 (228.6)	79.2 (0.59)	79.4 (0.76)	4.2 (0.44)	95.8 (0.44)	32.2 (1.30)	36.8 (1.45)	5.7 (0.60)	1.7 (0.35)	17.9 (1.28)	5.7 (0.56)	
Hispanic.....	46,402 (34.6)	36,729 (327.8)	79.2 (0.71)	80.2 (0.69)	4.1 (0.41)	95.9 (0.41)	28.8 (1.10)	41.2 (1.37)	4.7 (0.56)	1.3 (0.31)	16.7 (1.06)	7.3 (0.64)	
Other <sup>2</sup> .....	20,338 (107.3)	18,274 (135.1)	89.8 (0.52)	91.6 (0.58)	2.8 (0.39)	97.2 (0.39)	35.0 (1.94)	31.0 (2.07)	6.5 (0.94)	2.5 (0.62)	16.8 (1.59)	8.2 (1.17)	
Age													
3 and 4.....	8,850 (63.8)	7,693 (80.9)	86.9 (0.73)	84.8 (0.73)	2.9 (0.40)	97.1 (0.40)	21.0 (1.52)	48.3 (2.05)	3.6 (0.65)	2.6 (0.61)	16.4 (1.64)	8.0 (0.92)	
5 to 9.....	20,852 (45.0)	18,753 (109.3)	89.9 (0.50)	86.1 (0.52)	3.3 (0.26)	96.7 (0.26)	22.0 (1.41)	44.6 (1.61)	5.4 (0.73)	3.9 (0.52)	17.2 (1.26)	6.9 (0.75)	
10 to 14.....	20,018 (43.2)	18,640 (90.2)	93.1 (0.39)	87.3 (0.46)	2.8 (0.27)	97.2 (0.27)	21.3 (1.32)	48.0 (1.69)	6.1 (0.89)	4.7 (0.62)	13.9 (1.18)	6.1 (0.74)	
15 to 19.....	20,802 (33.9)	19,410 (81.3)	93.3 (0.37)	87.3 (0.53)	3.5 (0.26)	96.5 (0.26)	21.9 (1.13)	44.9 (1.44)	6.7 (0.81)	5.4 (0.63)	12.8 (1.15)	8.4 (0.87)	
20 to 24.....	21,130 (#)	18,986 (93.3)	89.9 (0.44)	87.1 (0.57)	2.9 (0.27)	97.1 (0.27)	24.0 (1.21)	45.1 (1.47)	7.3 (0.85)	2.8 (0.56)	14.3 (1.03)	6.6 (0.73)	
25 to 29.....	21,117 (#)	18,781 (95.6)	88.9 (0.45)	86.7 (0.50)	2.2 (0.22)	97.8 (0.22)	26.5 (1.22)	41.4 (1.46)	7.6 (0.87)	1.8 (0.38)	16.0 (1.20)	6.5 (0.78)	
30 to 39.....	39,430 (#)	35,792 (133.5)	90.8 (0.34)	89.3 (0.35)	2.7 (0.16)	97.3 (0.16)	27.3 (1.14)	39.7 (1.35)	6.3 (0.61)	3.7 (0.41)	15.2 (0.94)	7.7 (0.67)	
40 to 49.....	42,801 (#)	38,582 (123.5)	90.1 (0.29)	90.6 (0.28)	3.3 (0.19)	96.7 (0.19)	31.0 (0.99)	36.1 (0.93)	6.4 (0.55)	5.1 (0.42)	13.8 (0.72)	7.7 (0.50)	
50 to 59.....	41,517 (67.4)	35,171 (165.3)	84.7 (0.38)	91.1 (0.28)	4.8 (0.27)	95.2 (0.27)	42.5 (0.86)	27.0 (0.87)	4.3 (0.37)	5.3 (0.52)	14.1 (0.62)	6.9 (0.51)	
60 to 69.....	28,981 (102.4)	22,622 (158.0)	78.1 (0.45)	91.9 (0.34)	6.5 (0.36)	93.5 (0.36)	51.5 (1.09)	19.3 (0.86)	4.2 (0.40)	4.6 (0.44)	13.9 (0.71)	6.5 (0.49)	
70 or older.....	26,734 (73.8)	14,603 (158.3)	54.6 (0.60)	91.5 (0.42)	9.0 (0.47)	91.0 (0.47)	67.8 (0.82)	8.6 (0.47)	1.9 (0.21)	2.0 (0.25)	13.3 (0.58)	6.5 (0.37)	
Educational attainment													
Less than high school.....	41,353 (357.0)	28,768 (284.5)	69.6 (0.57)	80.4 (0.57)	5.3 (0.33)	94.7 (0.33)	39.8 (0.85)	32.3 (0.90)	3.0 (0.35)	2.1 (0.22)	15.6 (0.67)	7.2 (0.47)	
High school diploma or equivalent.....	71,361 (474.4)	55,319 (457.9)	77.5 (0.37)	86.6 (0.33)	5.8 (0.24)	94.2 (0.24)	45.0 (0.66)	26.5 (0.66)	4.1 (0.30)	3.8 (0.27)	14.4 (0.51)	6.3 (0.33)	
Some college.....	45,440 (357.6)	40,740 (352.1)	89.7 (0.26)	90.6 (0.27)	3.8 (0.18)	96.2 (0.18)	38.1 (0.92)	30.9 (0.88)	6.5 (0.48)	4.3 (0.41)	12.6 (0.71)	7.6 (0.49)	
Associate's degree.....	20,594 (241.2)	18,726 (229.9)	90.9 (0.33)	91.5 (0.43)	4.0 (0.29)	96.0 (0.29)	38.0 (1.34)	27.4 (1.19)	6.9 (0.73)	7.1 (0.79)	12.5 (0.93)	8.1 (0.74)	
Bachelor's or higher degree.....	63,765 (446.6)	60,393 (448.3)	94.7 (0.19)	95.7 (0.15)	2.5 (0.14)	97.5 (0.14)	43.9 (1.09)	21.3 (0.97)	9.8 (0.69)	5.8 (0.59)	11.7 (0.77)	7.6 (0.56)	
Bachelor's degree.....	41,973 (348.4)	39,579 (334.2)	94.3 (0.23)	95.2 (0.19)	2.5 (0.16)	97.5 (0.16)	42.8 (1.31)	22.5 (1.17)	9.7 (0.77)	5.2 (0.60)	12.2 (0.90)	7.6 (0.68)	
Master's or higher degree.....	21,793 (279.3)	20,815 (282.4)	95.5 (0.25)	96.7 (0.22)	2.4 (0.19)	97.6 (0.19)	46.4 (2.00)	18.3 (1.58)	9.9 (1.21)	7.4 (1.11)	10.3 (1.22)	7.6 (1.05)	
Family income													
Less than \$10,000.....	21,227 (404.9)	14,071 (342.3)	66.3 (0.97)	66.5 (1.30)	6.4 (0.64)	93.6 (0.64)	30.7 (1.14)	39.8 (1.40)	4.0 (0.54)	1.9 (0.35)	17.9 (1.16)	5.7 (0.59)	
\$10,000 to \$19,999.....	32,689 (512.0)	21,870 (441.8)	66.9 (0.72)	75.2 (0.95)	7.0 (0.55)	93.0 (0.55)	40.1 (1.03)	32.5 (1.12)	3.4 (0.36)	1.7 (0.22)	16.2 (0.84)	6.0 (0.51)	
\$20,000 to \$29,999.....	36,208 (498.0)	26,935 (473.1)	74.4 (0.70)	81.0 (0.72)	6.0 (0.50)	94.0 (0.50)	39.7 (1.08)	32.6 (1.08)	3.8 (0.40)	2.9 (0.40)	13.8 (0.83)	7.2 (0.60)	
\$30,000 to \$39,999.....	33,565 (503.2)	27,606 (469.8)	82.2 (0.58)	86.4 (0.66)	5.0 (0.42)	95.0 (0.42)	41.9 (1.30)	29.6 (1.39)	5.5 (0.61)	3.3 (0.47)	12.9 (0.86)	6.9 (0.65)	
\$40,000 to \$49,999.....	25,184 (474.0)	22,491 (451.7)	89.3 (0.48)	91.0 (0.59)	4.7 (0.41)	95.3 (0.41)	39.4 (1.83)	29.1 (1.89)	5.4 (0.88)	5.0 (0.84)	13.3 (1.21)	7.9 (0.95)	
\$50,000 to \$74,999.....	54,709 (660.7)	50,382 (642.3)	92.1 (0.36)	92.9 (0.33)	3.6 (0.28)	96.4 (0.28)	40.4 (1.49)	24.1 (1.37)	7.5 (0.88)	6.7 (0.78)	12.9 (0.97)	8.3 (0.93)	
\$75,000 to \$99,999.....	34,661 (562.8)	33,178 (551.5)	95.7 (0.31)	95.3 (0.41)	2.8 (0.28)	97.2 (0.28)	39.9 (2.51)	22.2 (2.34)	8.7 (1.45)	9.7 (1.40)	11.5 (1.55)	8.0 (1.29)	
\$100,000 or more.....	53,990 (698.6)	52,498 (693.8)	97.2 (0.22)	97.9 (0.18)	1.7 (0.17)	98.3 (0.17)	41.4 (2.44)	21.6 (1.85)	8.8 (1.62)	10.9 (1.86)	7.5 (1.31)	9.9 (1.54)	
<b>Total, all students.....</b>	<b>78,519 (249.5)</b>	<b>73,228 (320.9)</b>	<b>93.3 (0.26)</b>	<b>88.3 (0.31)</b>	<b>2.9 (0.16)</b>	<b>97.1 (0.16)</b>	<b>20.8 (0.84)</b>	<b>46.0 (1.13)</b>	<b>6.9 (0.58)</b>	<b>4.6 (0.43)</b>	<b>14.6 (0.86)</b>	<b>7.1 (0.49)</b>	
Elementary/secondary <sup>3</sup> .....	58,244 (133.2)	53,652 (218.7)	92.1 (0.32)	86.7 (0.38)	3.1 (0.20)	96.9 (0.20)	20.6 (0.92)	46.9 (1.22)	5.8 (0.60)	4.5 (0.43)	15.3 (0.95)	7.0 (0.52)	
3 and 4 years old.....	4,706 (84.1)	4,223 (83.6)	89.7 (0.94)	86.6 (1.01)	2.6 (0.49)	97.4 (0.49)	18.7 (2.20)	48.9 (3.26)	3.3 ! (1.03)	3.2 (1.01)	18.4 (2.65)	7.5 (1.33)	
5 to 9 years old.....	20,108 (58.8)	18,159 (111.2)	90.3 (0.50)	86.2 (0.53)	3.2 (0.26)	96.8 (0.26)	21.4 (1.34)	44.8 (1.61)	5.4 (0.75)	4.0 (0.54)	17.3 (1.30)	7.1 (0.79)	
10 to 14 years old.....	19,641 (57.7)	18,326 (98.3)	93.3 (0.38)	87.3 (0.46)	2.8 (0.28)	97.2 (0.28)	20.8 (1.28)	48.4 (1.69)	6.2 (0.91)	4.8 (0.63)	13.8 (1.21)	5.9 (0.72)	
15 years old and over.....	13,789 (89.3)	12,944 (96.8)	93.9 (0.41)	86.4 (0.62)	3.5 (0.31)	96.5 (0.31)	19.6 (1.22)	47.5 (1.60)	6.9 (0.88)	5.5 (0.72)	12.6 (1.20)	8.0 (0.90)	
College.....	20,275 (233.9)	19,575 (234.2)	96.5 (0.24)	92.6 (0.39)	2.4 (0.23)	97.6 (0.23)	21.8 (1.42)	41.6 (1.95)	12.3 (1.28)	5.1 (0.98)	11.4 (1.40)	7.9 (0.99)	

See notes at end of table.



**Table 19. Estimates of resident population, by age group: 1970 through 2011**  
[In thousands]

Year	Total, all ages	Total, 3 to 34 years old	3 and 4 years old	5 and 6 years old	7 to 13 years old	14 to 17 years old	18 and 19 years old	20 and 21 years old	22 to 24 years old	25 to 29 years old	30 to 34 years old
1	2	3	4	5	6	7	8	9	10	11	12
1970.....	205,052	109,592	6,961	7,703	28,969	15,924	7,510	7,210	9,992	13,736	11,587
1971.....	207,661	111,202	6,805	7,344	28,892	16,328	7,715	7,350	10,809	14,041	11,917
1972.....	209,896	112,807	6,789	7,051	28,628	16,639	7,923	7,593	10,560	15,240	12,383
1973.....	211,909	114,426	6,938	6,888	28,158	16,867	8,114	7,796	10,725	15,786	13,153
1974.....	213,854	116,075	7,117	6,864	27,600	17,035	8,257	8,003	10,972	16,521	13,704
1975.....	215,973	117,435	6,912	7,013	26,905	17,128	8,478	8,196	11,331	17,280	14,191
1976.....	218,035	118,474	6,436	7,195	26,321	17,119	8,659	8,336	11,650	18,274	14,485
1977.....	220,239	119,261	6,190	6,978	25,877	17,045	8,675	8,550	11,949	18,277	15,721
1978.....	222,585	119,833	6,208	6,500	25,594	16,946	8,677	8,730	12,216	18,683	16,280
1979.....	225,055	120,544	6,252	6,256	25,175	16,611	8,751	8,754	12,542	19,178	17,025
1980.....	227,225	121,132	6,366	6,291	24,800	16,143	8,718	8,669	12,716	19,686	17,743
1981.....	229,466	121,999	6,535	6,315	24,396	15,609	8,582	8,759	12,903	20,169	18,731
1982.....	231,664	121,823	6,658	6,407	24,121	15,057	8,480	8,768	12,914	20,704	18,714
1983.....	233,792	122,302	6,877	6,572	23,709	14,740	8,290	8,652	12,981	21,414	19,067
1984.....	235,825	122,254	7,045	6,694	23,367	14,725	7,932	8,567	12,962	21,459	19,503
1985.....	237,924	122,512	7,134	6,916	22,976	14,888	7,637	8,370	12,895	21,671	20,025
1986.....	240,133	122,688	7,187	7,086	22,992	14,824	7,483	8,024	12,720	21,893	20,479
1987.....	242,289	122,672	7,132	7,178	23,325	14,502	7,502	7,742	12,450	21,857	20,984
1988.....	244,499	122,713	7,176	7,238	23,791	14,023	7,701	7,606	12,048	21,739	21,391
1989.....	246,819	122,655	7,315	7,184	24,228	13,536	7,898	7,651	11,607	21,560	21,676
1990.....	249,623	122,787	7,359	7,244	24,785	13,329	7,702	7,886	11,264	21,277	21,939
1991.....	252,981	123,210	7,444	7,393	25,216	13,491	7,208	8,029	11,205	20,923	22,301
1992.....	256,514	123,722	7,614	7,447	25,752	13,775	6,949	7,797	11,391	20,503	22,494
1993.....	259,919	124,371	7,887	7,549	26,212	14,096	6,985	7,333	11,657	20,069	22,584
1994.....	263,126	124,976	8,089	7,725	26,492	14,637	7,047	7,071	11,585	19,740	22,590
1995.....	266,278	125,478	8,107	8,000	26,825	15,013	7,182	7,103	11,197	19,680	22,372
1996.....	269,394	125,924	8,022	8,206	27,168	15,443	7,399	7,161	10,715	19,864	21,945
1997.....	272,647	126,422	7,915	8,232	27,683	15,769	7,569	7,309	10,601	19,899	21,446
1998.....	275,854	126,939	7,841	8,152	28,302	15,829	7,892	7,520	10,647	19,804	20,953
1999.....	279,040	127,446	7,772	8,041	28,763	16,007	8,094	7,683	10,908	19,575	20,603
2000.....	282,162	128,041	7,724	7,972	29,082	16,144	8,199	7,995	11,122	19,280	20,524
2001.....	284,969	128,467	7,630	7,883	29,210	16,280	8,235	8,290	11,467	18,819	20,652
2002.....	287,625	128,955	7,617	7,750	29,251	16,506	8,237	8,342	11,902	18,691	20,658
2003.....	290,108	129,346	7,678	7,661	29,153	16,694	8,325	8,324	12,267	18,772	20,472
2004.....	292,805	129,965	7,885	7,652	28,806	17,054	8,457	8,312	12,534	19,107	20,160
2005.....	295,517	130,280	7,973	7,721	28,527	17,358	8,482	8,392	12,568	19,535	19,724
2006.....	298,380	130,754	7,937	7,942	28,327	17,549	8,567	8,507	12,529	20,110	19,285
2007.....	301,231	131,417	8,002	8,040	28,256	17,597	8,730	8,500	12,578	20,543	19,171
2008.....	304,094	132,269	8,033	8,012	28,426	17,395	9,014	8,555	12,626	20,903	19,305
2009.....	306,772	133,202	8,059	8,088	28,569	17,232	9,146	8,691	12,693	21,078	19,645
2010 <sup>1</sup> .....	309,330	134,101	8,190	8,138	28,729	17,064	9,061	8,956	12,748	21,146	20,070
2011.....	311,592	134,852	8,225	8,163	28,747	16,862	8,911	9,188	12,965	21,280	20,511

<sup>1</sup>Revised from previously published figures.

NOTE: Resident population includes civilian population and armed forces personnel residing within the United States; it excludes armed forces personnel residing overseas. Detail may not sum to totals because of rounding. Population estimates as of July 1 of the indicated reference year.

SOURCE: U.S. Department of Commerce, Census Bureau, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, and 1095; and 2000 through 2011 Population Estimates, retrieved August 14, 2012, from <http://www.census.gov/popest/data/national/asrh/2011/index.html>. (This table was prepared August 2012.)





**Table 21. Estimated total and school-age resident populations, by state: Selected years, 1970 through 2011**  
[In thousands]

State	Total, all ages								5- to 17-year-olds							
	1970 <sup>1</sup>	1980 <sup>1</sup>	1990 <sup>1</sup>	2000 <sup>2</sup>	2005 <sup>2</sup>	2009 <sup>2</sup>	2010 <sup>2</sup>	2011 <sup>2</sup>	1970 <sup>1</sup>	1980 <sup>1</sup>	1990 <sup>1</sup>	2000 <sup>2</sup>	2005 <sup>2</sup>	2009 <sup>2</sup>	2010 <sup>2</sup>	2011 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States .....</b>	<b>203,302</b>	<b>226,546</b>	<b>248,765</b>	<b>282,162</b>	<b>295,517</b>	<b>306,772</b>	<b>309,330</b>	<b>311,592</b>	<b>52,540</b>	<b>47,407</b>	<b>45,178</b>	<b>53,198</b>	<b>53,606</b>	<b>53,890</b>	<b>53,932</b>	<b>53,772</b>
Alabama .....	3,444	3,894	4,040	4,452	4,570	4,758	4,785	4,803	934	866	774	828	822	830	826	823
Alaska .....	303	402	550	628	667	699	714	723	88	92	117	143	136	133	134	134
Arizona .....	1,775	2,718	3,665	5,161	5,839	6,343	6,413	6,483	486	578	686	989	1,083	1,164	1,175	1,175
Arkansas .....	1,923	2,286	2,351	2,679	2,781	2,897	2,922	2,938	498	496	455	500	503	511	513	514
California .....	19,971	23,668	29,786	33,988	35,828	36,961	37,338	37,692	4,999	4,681	5,344	6,775	6,844	6,748	6,765	6,733
Colorado .....	2,210	2,890	3,294	4,327	4,632	4,972	5,048	5,117	589	592	607	808	827	874	882	888
Connecticut .....	3,032	3,108	3,287	3,412	3,507	3,562	3,575	3,581	768	638	520	619	632	618	614	606
Delaware .....	548	594	666	786	845	892	900	907	148	125	114	143	147	150	150	149
District of Columbia .....	757	638	607	572	567	592	605	618	164	109	80	82	75	69	68	69
Florida .....	6,791	9,746	12,938	16,048	17,842	18,653	18,839	19,058	1,609	1,789	2,011	2,709	2,896	2,919	2,924	2,920
Georgia .....	4,588	5,463	6,478	8,227	8,926	9,621	9,712	9,815	1,223	1,231	1,230	1,581	1,684	1,794	1,804	1,806
Hawaii .....	770	965	1,108	1,214	1,293	1,347	1,363	1,375	204	198	196	217	214	215	217	216
Idaho .....	713	944	1,007	1,299	1,428	1,554	1,571	1,585	200	213	228	272	284	305	307	309
Illinois .....	11,110	11,427	11,431	12,434	12,610	12,797	12,842	12,869	2,859	2,401	2,095	2,369	2,330	2,298	2,289	2,270
Indiana .....	5,195	5,490	5,544	6,092	6,279	6,459	6,491	6,517	1,386	1,200	1,056	1,152	1,165	1,175	1,172	1,168
Iowa .....	2,825	2,914	2,777	2,929	2,964	3,033	3,050	3,062	743	604	525	544	527	525	525	525
Kansas .....	2,249	2,364	2,478	2,694	2,745	2,833	2,859	2,871	573	468	472	525	511	519	521	520
Kentucky .....	3,221	3,661	3,687	4,049	4,183	4,317	4,347	4,369	844	800	703	730	731	740	741	740
Louisiana .....	3,645	4,206	4,222	4,472	4,577	4,492	4,545	4,575	1,041	969	891	902	854	803	802	801
Maine .....	994	1,125	1,228	1,277	1,319	1,330	1,327	1,328	260	243	223	231	221	208	204	202
Maryland .....	3,924	4,217	4,781	5,311	5,592	5,730	5,786	5,828	1,038	895	803	1,004	1,016	989	987	980
Massachusetts .....	5,689	5,737	6,016	6,361	6,403	6,518	6,555	6,588	1,407	1,153	940	1,104	1,086	1,056	1,051	1,039
Michigan .....	8,882	9,262	9,295	9,952	10,051	9,902	9,877	9,876	2,450	2,067	1,754	1,924	1,883	1,770	1,740	1,711
Minnesota .....	3,806	4,076	4,376	4,934	5,120	5,281	5,311	5,345	1,051	865	829	958	934	928	927	925
Mississippi .....	2,217	2,521	2,575	2,848	2,906	2,959	2,970	2,979	635	599	550	571	553	547	543	541
Missouri .....	4,678	4,917	5,117	5,607	5,790	5,961	5,996	6,011	1,183	1,008	944	1,059	1,046	1,037	1,034	1,028
Montana .....	694	787	799	904	940	984	991	998	197	167	163	175	164	162	161	161
Nebraska .....	1,485	1,570	1,578	1,714	1,761	1,813	1,830	1,843	389	324	309	333	322	325	327	329
Nevada .....	489	800	1,202	2,019	2,432	2,685	2,704	2,723	127	160	204	369	436	476	477	477
New Hampshire .....	738	921	1,109	1,240	1,298	1,316	1,317	1,318	189	196	194	235	232	220	217	212
New Jersey .....	7,171	7,365	7,748	8,431	8,652	8,756	8,800	8,821	1,797	1,528	1,269	1,526	1,558	1,528	1,522	1,507
New Mexico .....	1,017	1,303	1,515	1,821	1,932	2,037	2,066	2,082	311	303	320	378	365	370	374	374
New York .....	18,241	17,558	17,991	19,002	19,133	19,307	19,395	19,465	4,358	3,552	3,000	3,451	3,337	3,188	3,163	3,122
North Carolina .....	5,084	5,882	6,632	8,082	8,705	9,450	9,560	9,656	1,323	1,254	1,147	1,429	1,529	1,639	1,648	1,658
North Dakota .....	618	653	639	642	646	665	675	684	175	136	127	121	109	105	105	106
Ohio .....	10,657	10,798	10,847	11,364	11,463	11,529	11,538	11,545	2,820	2,307	2,012	2,133	2,085	2,024	2,004	1,983
Oklahoma .....	2,559	3,025	3,146	3,454	3,549	3,718	3,760	3,792	640	622	609	656	639	660	665	670
Oregon .....	2,092	2,633	2,842	3,430	3,613	3,809	3,838	3,872	534	525	521	624	622	628	628	627
Pennsylvania .....	11,801	11,864	11,883	12,284	12,450	12,667	12,718	12,743	2,925	2,376	1,996	2,192	2,137	2,074	2,060	2,037
Rhode Island .....	950	947	1,003	1,050	1,068	1,054	1,053	1,051	225	186	159	184	180	168	166	163
South Carolina .....	2,591	3,122	3,486	4,024	4,270	4,590	4,637	4,679	720	703	662	746	757	777	777	778
South Dakota .....	666	691	696	756	775	807	817	824	187	147	144	152	143	142	143	144
Tennessee .....	3,926	4,591	4,877	5,704	5,991	6,306	6,357	6,403	1,002	972	882	1,025	1,059	1,088	1,087	1,087
Texas .....	11,199	14,229	16,986	20,944	22,778	24,802	25,253	25,675	3,002	3,137	3,437	4,278	4,470	4,864	4,947	5,001
Utah .....	1,059	1,461	1,723	2,245	2,458	2,723	2,775	2,817	312	350	457	511	532	596	608	618
Vermont .....	445	511	563	610	621	625	626	626	118	109	102	113	106	98	97	95
Virginia .....	4,651	5,347	6,189	7,106	7,577	7,926	8,024	8,097	1,197	1,114	1,060	1,281	1,320	1,337	1,344	1,343
Washington .....	3,413	4,132	4,867	5,911	6,257	6,667	6,743	6,830	881	826	893	1,121	1,119	1,137	1,141	1,138
West Virginia .....	1,744	1,950	1,793	1,807	1,820	1,848	1,854	1,855	442	414	337	300	288	285	283	281
Wisconsin .....	4,418	4,706	4,892	5,374	5,546	5,669	5,692	5,712	1,203	1,011	927	1,027	1,001	984	979	972
Wyoming .....	332	470	454	494	514	560	565	568	92	101	101	98	91	95	95	95

<sup>1</sup>As of April 1.<sup>2</sup>Estimates as of July 1.

NOTE: Resident population includes civilian population and armed forces personnel residing within the United States and within each state; it excludes armed forces personnel residing overseas. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, *Current Population Reports*, Series P-25, No. 1095; CPH-L-74 (1990 data); and 2000 through 2011 Population Estimates, retrieved August 17, 2012, from <http://www.census.gov/popest/data/state/asrh/2011/index.html>. (This table was prepared August 2012.)

**Table 22. Number and percentage distribution of family households, by family structure and presence of own children under 18: Selected years, 1970 through 2011**

[Standard errors appear in parentheses]

Family structure and presence of children	1970	1980	1990	2000	2007	2008	2009	2010	2011	Change, 1990 to 2000	Change, 2000 to 2011
1	2	3	4	5	6	7	8	9	10	11	12
	Number (in thousands)									Percent change	
All families .....	51,456 (257.3)	59,550 (271.4)	66,090 (307.8)	72,025 (311.6)	78,425 (227.5)	77,873 (240.1)	78,850 (241.0)	78,833 (241.0)	78,613 (240.8)	9.0 (0.69)	9.1 (0.58)
Married-couple families.....	44,728 (243.6)	49,112 (252.7)	52,317 (283.3)	55,311 (289.5)	58,945 (211.3)	58,370 (218.6)	59,118 (219.6)	58,410 (218.6)	58,036 (218.1)	5.7 (0.80)	4.9 (0.68)
Without own children under 18 .....	19,196 (168.7)	24,151 (187.3)	27,780 (218.1)	30,062 (230.5)	32,787 (170.6)	33,197 (174.7)	33,989 (176.5)	33,835 (176.1)	34,098 (176.7)	8.2 (1.19)	13.4 (1.05)
With own children under 18 .....	25,532 (192.0)	24,961 (190.1)	24,537 (206.4)	25,248 (214.1)	26,158 (155.2)	25,173 (154.7)	25,129 (154.6)	24,575 (153.1)	23,938 (151.3)	2.9 ! (1.23)	-5.2 (1.00)
One own child under 18 .....	8,163 (112.5)	9,671 (122.0)	9,583 (133.0)	9,402 (136.2)	10,127 (100.7)	9,733 (99.3)	9,732 (99.3)	9,567 (98.5)	9,300 (97.1)	-1.9 (1.97)	‡ (t)
Two own children under 18.....	8,045 (111.7)	9,488 (120.9)	9,784 (134.3)	10,274 (142.1)	10,497 (102.4)	9,886 (100.0)	9,861 (99.9)	9,658 (98.9)	9,527 (98.3)	5.0 ! (2.05)	-7.3 (1.60)
Three or more own children under 18.....	9,325 (119.9)	5,802 (95.3)	5,170 (98.5)	5,572 (105.9)	5,534 (75.3)	5,555 (75.6)	5,536 (75.5)	5,351 (74.3)	5,111 (72.6)	7.8 ! (2.90)	-8.3 (2.18)
Families with male householder, no spouse present.....	1,228 (44.2)	1,733 (52.5)	2,884 (73.9)	4,028 (90.4)	5,063 (72.1)	5,100 (72.5)	5,252 (73.6)	5,580 (75.8)	5,559 (75.7)	39.7 (4.76)	38.0 (3.62)
Without own children under 18 .....	887 (37.6)	1,117 (42.2)	1,731 (57.4)	2,242 (67.7)	3,049 (56.2)	2,937 (55.3)	3,141 (57.1)	3,356 (59.0)	3,334 (58.8)	29.5 (5.81)	48.7 (5.20)
With own children under 18 .....	341 (23.3)	616 (31.3)	1,153 (46.9)	1,786 (60.5)	2,015 (45.8)	2,162 (47.5)	2,111 (46.9)	2,224 (48.2)	2,225 (48.2)	54.9 (8.20)	24.6 (5.01)
One own child under 18 .....	179 (16.9)	374 (24.4)	723 (37.2)	1,131 (48.2)	1,243 (36.1)	1,323 (37.2)	1,300 (36.9)	1,375 (37.9)	1,337 (37.4)	56.4 (10.45)	18.2 ! (6.03)
Two own children under 18.....	87 (11.8)	165 (16.2)	307 (24.2)	483 (31.6)	553 (24.1)	597 (25.0)	583 (24.7)	576 (24.6)	627 (25.7)	57.3 (16.12)	29.8 ! (10.01)
Three or more own children under 18.....	75 (10.9)	77 (11.1)	123 (15.3)	171 (18.8)	218 (15.1)	242 (15.9)	229 (15.5)	273 (16.9)	262 (16.6)	‡ (t)	53.2 ! (19.44)
Families with female householder, no spouse present.....	5,500 (92.8)	8,705 (116.0)	10,890 (141.4)	12,687 (156.9)	14,416 (118.9)	14,404 (119.7)	14,480 (120.0)	14,843 (121.4)	15,019 (122.1)	16.5 (2.09)	18.4 (1.75)
Without own children under 18 .....	2,642 (64.7)	3,261 (71.8)	4,290 (89.9)	5,116 (101.6)	5,832 (77.2)	6,030 (78.7)	6,086 (79.1)	6,424 (81.2)	6,422 (81.2)	19.3 (3.44)	25.5 (2.95)
With own children under 18 .....	2,858 (67.2)	5,445 (92.3)	6,599 (111.0)	7,571 (122.8)	8,585 (93.1)	8,374 (92.4)	8,394 (92.5)	8,419 (92.6)	8,597 (93.5)	14.7 (2.68)	13.6 (2.22)
One own child under 18 .....	1,008 (40.1)	2,398 (61.6)	3,225 (78.1)	3,777 (87.6)	4,280 (66.4)	4,104 (65.2)	4,185 (65.8)	4,207 (66.0)	4,375 (67.3)	17.1 (3.93)	15.8 (3.22)
Two own children under 18.....	810 (35.9)	1,817 (53.7)	2,173 (64.2)	2,458 (70.9)	2,765 (53.6)	2,675 (52.8)	2,696 (53.0)	2,714 (53.2)	2,681 (52.8)	13.1 ! (4.67)	9.1 ! (3.81)
Three or more own children under 18.....	1,040 (40.7)	1,230 (44.2)	1,202 (47.9)	1,336 (52.4)	1,540 (40.1)	1,594 (40.8)	1,514 (39.8)	1,499 (39.6)	1,541 (40.1)	‡ (t)	15.3 ! (5.43)
	Percentage distribution of all families									Change in percentage points	
All families .....	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	‡ (t)	‡ (t)
Married-couple families.....	86.9 (0.19)	82.5 (0.20)	79.2 (0.22)	76.8 (0.23)	75.2 (0.16)	75.0 (0.16)	75.0 (0.16)	74.1 (0.16)	73.8 (0.16)	-2.4 (0.31)	-3.0 (0.28)
Without own children under 18 .....	37.3 (0.27)	40.6 (0.25)	42.0 (0.27)	41.7 (0.26)	41.8 (0.18)	42.6 (0.18)	43.1 (0.18)	42.9 (0.18)	43.4 (0.18)	-0.3 ! (0.37)	1.6 (0.32)
With own children under 18 .....	49.6 (0.28)	41.9 (0.26)	37.1 (0.26)	35.1 (0.26)	33.4 (0.17)	32.3 (0.17)	31.9 (0.17)	31.2 (0.17)	30.5 (0.17)	-2.1 (0.36)	-4.6 (0.31)
One own child under 18 .....	15.9 (0.20)	16.2 (0.19)	14.5 (0.19)	13.1 (0.18)	12.9 (0.12)	12.5 (0.12)	12.3 (0.12)	12.1 (0.12)	11.8 (0.12)	-1.4 (0.26)	-1.2 (0.22)
Two own children under 18.....	15.6 (0.20)	15.9 (0.19)	14.8 (0.19)	14.3 (0.19)	13.4 (0.12)	12.7 (0.12)	12.5 (0.12)	12.3 (0.12)	12.1 (0.12)	-0.5 ! (0.27)	-2.1 (0.22)
Three or more own children under 18.....	18.1 (0.21)	9.7 (0.15)	7.8 (0.14)	7.7 (0.14)	7.1 (0.09)	7.1 (0.09)	7.0 (0.09)	6.8 (0.09)	6.5 (0.09)	-0.1 ! (0.20)	-1.2 (0.17)
Families with male householder, no spouse present.....	2.4 (0.09)	2.9 (0.09)	4.4 (0.11)	5.6 (0.12)	6.5 (0.09)	6.5 (0.09)	6.7 (0.09)	7.1 (0.09)	7.1 (0.09)	1.2 (0.17)	1.5 (0.15)
Without own children under 18 .....	1.7 (0.07)	1.9 (0.07)	2.6 (0.09)	3.1 (0.09)	3.9 (0.07)	3.8 (0.07)	4.0 (0.07)	4.3 (0.07)	4.2 (0.07)	0.5 (0.13)	1.1 (0.12)
With own children under 18 .....	0.7 (0.05)	1.0 (0.05)	1.7 (0.07)	2.5 (0.08)	2.6 (0.06)	2.8 (0.06)	2.7 (0.06)	2.8 (0.06)	2.8 (0.06)	0.7 (0.11)	0.4 (0.10)
One own child under 18 .....	0.3 (0.03)	0.6 (0.04)	1.1 (0.06)	1.6 (0.07)	1.6 (0.05)	1.7 (0.05)	1.6 (0.05)	1.7 (0.05)	1.7 (0.05)	0.5 (0.09)	‡ (t)
Two own children under 18.....	0.2 (0.02)	0.3 (0.03)	0.5 (0.04)	0.7 (0.04)	0.7 (0.03)	0.8 (0.03)	0.7 (0.03)	0.7 (0.03)	0.8 (0.03)	0.2 (0.06)	0.1 ! (0.05)
Three or more own children under 18.....	0.1 (0.02)	0.1 (0.02)	0.2 (0.02)	0.2 (0.03)	0.3 (0.02)	0.3 (0.02)	0.3 (0.02)	0.3 (0.02)	0.3 (0.02)	‡ (t)	0.1 ! (0.03)
Families with female householder, no spouse present.....	10.7 (0.17)	14.6 (0.18)	16.5 (0.20)	17.6 (0.20)	18.4 (0.14)	18.5 (0.14)	18.4 (0.14)	18.8 (0.14)	19.1 (0.14)	1.1 (0.29)	1.5 (0.25)
Without own children under 18 .....	5.1 (0.12)	5.5 (0.12)	6.5 (0.13)	7.1 (0.14)	7.4 (0.10)	7.7 (0.10)	7.7 (0.10)	8.1 (0.10)	8.2 (0.10)	0.6 ! (0.19)	1.1 (0.17)
With own children under 18 .....	5.6 (0.13)	9.1 (0.15)	10.0 (0.16)	10.5 (0.16)	10.9 (0.11)	10.8 (0.11)	10.6 (0.11)	10.7 (0.11)	10.9 (0.11)	0.5 ! (0.23)	0.4 ! (0.20)
One own child under 18 .....	2.0 (0.08)	4.0 (0.10)	4.9 (0.12)	5.2 (0.12)	5.5 (0.08)	5.3 (0.08)	5.3 (0.08)	5.3 (0.08)	5.6 (0.08)	0.4 ! (0.17)	0.3 ! (0.15)
Two own children under 18.....	1.6 (0.07)	3.1 (0.09)	3.3 (0.10)	3.4 (0.10)	3.5 (0.07)	3.4 (0.07)	3.4 (0.07)	3.4 (0.07)	3.4 (0.07)	‡ (t)	‡ (t)
Three or more own children under 18.....	2.0 (0.08)	2.1 (0.07)	1.8 (0.07)	1.9 (0.07)	2.0 (0.05)	2.0 (0.05)	1.9 (0.05)	1.9 (0.05)	2.0 (0.05)	‡ (t)	‡ (t)

†Not applicable.

#Rounds to zero.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals because of rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P20, *Household and Family Characteristics: 1995*, and *America's Families and Living Arrangements: 2000 and 2005-2011*, Current Population Survey (CPS), Annual Social and Economic Supplement, retrieved July 31, 2012, from <http://www.census.gov/population/www/socdemo/hh-fam/cps2011.html>. (This table was prepared August 2012.)

**Table 23. Number and percentage of family households with own children under age 18, under age 6, and under age 3, by race/ethnicity and family structure: 2011**

[Standard errors appear in parentheses]

Race/ethnicity and family structure		Families with own children under 18								Families with own children under 6		Families with own children under 3	
		Total (in thousands)	Percent of all families	Percentage distribution	Families (in thousands), by number of children				Total (in thousands)	Percent of all families	Total (in thousands)	Percent of all families	
					1 child under 18	2 children under 18	3 children under 18	4 or more under 18					
1	2	3	4	5	6	7	8	9	10	11	12	13	
All races¹ .....	78,613 (240.8)	34,760 (178.1)	44.2 (0.18)	100.0 (†)	15,012 (122.0)	12,835 (113.3)	4,917 (71.2)	1,996 (45.6)	15,314 (123.2)	19.5 (0.14)	8,674 (93.9)	11.0 (0.11)	
Married-couple families.....	58,036 (218.1)	23,938 (151.3)	41.2 (0.21)	68.9 (0.25)	9,300 (97.1)	9,527 (98.3)	3,618 (61.3)	1,493 (39.5)	10,887 (104.8)	18.8 (0.17)	6,323 (80.6)	10.9 (0.13)	
Families with male householder, no spouse present .....	5,559 (75.7)	2,225 (48.2)	40.0 (0.67)	6.4 (0.13)	1,337 (37.4)	627 (25.7)	199 (14.5)	63 (8.1)	1,000 (32.4)	18.0 (0.53)	579 (24.7)	10.4 (0.42)	
Families with female householder, no spouse present .....	15,019 (122.1)	8,597 (93.5)	57.2 (0.41)	24.7 (0.24)	4,375 (67.3)	2,681 (52.8)	1,100 (33.9)	441 (21.5)	3,427 (59.7)	22.8 (0.35)	1,772 (43.0)	11.8 (0.27)	
White, non-Hispanic .....	53,909 (212.3)	21,457 (144.0)	39.8 (0.22)	100.0 (†)	9,488 (98.1)	8,106 (90.9)	2,850 (54.5)	1,013 (32.6)	9,118 (96.2)	16.9 (0.17)	5,322 (74.1)	9.9 (0.13)	
Married-couple families.....	43,554 (195.5)	16,267 (126.7)	37.3 (0.24)	75.8 (0.30)	6,504 (81.7)	6,524 (81.8)	2,362 (49.6)	878 (30.3)	7,194 (85.8)	16.5 (0.18)	4,286 (66.6)	9.8 (0.15)	
Families with male householder, no spouse present .....	3,078 (56.6)	1,286 (36.7)	41.8 (0.91)	6.0 (0.17)	809 (29.1)	356 (19.3)	88 (9.6)	34 (6.0)	525 (23.5)	17.1 (0.70)	305 (17.9)	9.9 (0.55)	
Families with female householder, no spouse present .....	7,277 (86.3)	3,903 (63.6)	53.6 (0.60)	18.2 (0.27)	2,175 (47.6)	1,226 (35.8)	400 (20.5)	101 (10.3)	1,398 (38.2)	19.2 (0.47)	731 (27.7)	10.0 (0.36)	
Black².....	9,418 (84.8)	4,748 (63.8)	50.4 (0.50)	100.0 (†)	2,197 (44.7)	1,520 (37.4)	660 (24.9)	371 (18.7)	2,095 (43.7)	22.2 (0.42)	1,108 (32.1)	11.8 (0.32)	
Married-couple families.....	4,179 (60.2)	1,793 (40.5)	42.9 (0.75)	37.8 (0.69)	748 (26.5)	641 (24.5)	253 (15.5)	151 (12.0)	789 (27.2)	18.9 (0.59)	447 (20.5)	10.7 (0.47)	
Families with male householder, no spouse present .....	899 (29.0)	355 (18.3)	39.5 (1.59)	7.5 (0.37)	200 (13.8)	102 (9.8)	39 (6.1)	13 (3.5)	164 (12.5)	18.2 (1.26)	95 (9.5)	10.6 (1.00)	
Families with female householder, no spouse present .....	4,340 (61.3)	2,600 (48.4)	59.9 (0.73)	54.8 (0.70)	1,250 (34.0)	777 (27.0)	367 (18.6)	206 (14.0)	1,142 (32.6)	26.3 (0.65)	566 (23.1)	13.0 (0.50)	
Hispanic.....	10,659 (86.1)	6,373 (71.4)	59.8 (0.46)	100.0 (†)	2,403 (46.4)	2,319 (45.6)	1,136 (32.4)	515 (22.0)	3,093 (52.1)	29.0 (0.43)	1,711 (39.5)	16.1 (0.35)	
Married-couple families.....	6,725 (72.9)	4,106 (59.2)	61.1 (0.58)	64.4 (0.59)	1,350 (35.2)	1,601 (38.2)	783 (27.0)	372 (18.7)	2,062 (43.1)	30.7 (0.55)	1,143 (32.5)	17.0 (0.45)	
Families with male householder, no spouse present .....	1,180 (33.0)	465 (20.9)	39.4 (1.39)	7.3 (0.32)	245 (15.2)	140 (11.5)	65 (7.9)	14 (3.7)	258 (15.6)	21.9 (1.17)	150 (11.9)	12.7 (0.95)	
Families with female householder, no spouse present .....	2,754 (49.4)	1,803 (40.5)	65.5 (0.88)	28.3 (0.55)	808 (27.5)	578 (23.3)	287 (16.5)	129 (11.1)	773 (26.9)	28.1 (0.84)	418 (19.8)	15.2 (0.67)	
Asian² .....	3,537 (52.0)	1,683 (38.1)	47.6 (0.82)	100.0 (†)	694 (25.2)	749 (26.1)	175 (12.8)	64 (7.8)	769 (26.5)	21.7 (0.68)	418 (19.7)	11.8 (0.53)	
Married-couple families.....	2,820 (47.6)	1,459 (35.7)	51.7 (0.92)	86.7 (0.81)	567 (22.9)	677 (24.9)	154 (12.1)	61 (7.6)	690 (25.1)	24.5 (0.79)	376 (18.7)	13.3 (0.62)	
Families with male householder, no spouse present .....	272 (16.0)	39 (6.1)	14.3 (2.07)	2.3 (0.36)	31 (5.4)	6 † (2.4)	‡ (†)	# (†)	11 (3.2)	4.0 (1.17)	4 † (2.0)	1.5 † (0.71)	
Families with female householder, no spouse present .....	445 (20.3)	185 (13.2)	41.6 (2.28)	11.0 (0.74)	96 (9.5)	66 (7.9)	20 (4.4)	4 † (2.0)	68 (8.0)	15.3 (1.66)	38 (6.0)	8.5 (1.29)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Race of family is defined as race of head of household. "All races" includes other race/ethnicity categories not separately shown.

<sup>2</sup>Includes persons of Hispanic ethnicity.

NOTE: Own children are never-married sons and daughters, including stepchildren and adopted children, of the householder or married couple. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, *America's Families and Living Arrangements: 2011*, Current Population Survey (CPS), Annual Social and Economic Supplement, retrieved August 15, 2012, from <http://www.census.gov/population/www/socdemo/hh-fam/cps2011.html>. (This table was prepared August 2012.)

**Table 24. Median household income, by state: Selected years, 1990 through 2011**

[In constant 2011 dollars. Standard errors appear in parentheses]

State	1990 <sup>1</sup>	2000 <sup>2</sup>	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10
<b>United States .....</b>	<b>\$52,638</b>	<b>\$56,684</b>	<b>\$53,300 (\$70)</b>	<b>\$54,000 (\$60)</b>	<b>\$55,000 (\$50)</b>	<b>\$54,300 (\$50)</b>	<b>\$52,700 (\$50)</b>	<b>\$51,600 (\$40)</b>	<b>\$50,500 (\$40)</b>
Alabama .....	41,326	46,076	42,500 (370)	43,300 (350)	44,000 (280)	44,600 (430)	42,500 (340)	41,800 (300)	41,400 (330)
Alaska .....	72,519	69,611	64,800 (1,270)	66,300 (980)	69,800 (1,050)	71,500 (1,220)	70,200 (1,490)	66,600 (1,310)	67,800 (1,180)
Arizona .....	48,232	54,746	51,000 (450)	52,700 (300)	54,100 (330)	53,200 (320)	51,100 (310)	48,300 (330)	46,700 (340)
Arkansas .....	37,035	43,440	40,300 (420)	40,800 (330)	41,400 (490)	40,500 (450)	39,700 (400)	39,500 (400)	38,800 (460)
California .....	62,694	64,107	61,800 (230)	63,200 (160)	65,000 (190)	63,700 (150)	61,800 (170)	59,500 (220)	57,300 (170)
Colorado .....	52,785	63,715	58,400 (390)	58,000 (330)	59,900 (430)	59,500 (400)	58,100 (450)	55,800 (460)	55,400 (370)
Connecticut .....	73,067	72,802	70,200 (570)	70,700 (560)	71,600 (540)	71,700 (720)	70,300 (630)	66,100 (680)	65,800 (520)
Delaware .....	61,077	63,956	60,500 (990)	58,900 (960)	59,200 (1,040)	60,600 (1,020)	59,600 (1,110)	57,600 (940)	58,800 (960)
District of Columbia .....	53,813	54,164	54,400 (1,350)	57,800 (830)	58,900 (1,310)	60,500 (1,530)	62,200 (1,090)	62,800 (970)	63,100 (1,460)
Florida .....	48,132	52,399	48,900 (190)	50,700 (170)	51,900 (220)	49,900 (220)	46,900 (180)	45,800 (200)	44,300 (250)
Georgia .....	50,825	57,277	52,500 (310)	52,200 (270)	53,300 (320)	53,100 (260)	49,900 (260)	47,900 (290)	46,000 (280)
Hawaii .....	68,002	67,248	66,900 (1,380)	68,200 (790)	69,100 (1,270)	70,200 (1,190)	67,200 (1,000)	65,000 (980)	61,800 (630)
Idaho .....	44,233	50,715	47,700 (590)	47,800 (590)	50,200 (500)	49,700 (610)	47,100 (610)	44,900 (630)	43,300 (800)
Illinois .....	56,484	62,888	57,900 (240)	58,000 (190)	58,700 (240)	58,700 (230)	56,600 (260)	54,600 (280)	53,200 (310)
Indiana .....	50,433	56,108	50,700 (350)	50,600 (290)	51,500 (250)	50,100 (340)	47,600 (290)	46,000 (280)	46,400 (280)
Iowa .....	45,936	53,276	50,200 (360)	49,600 (350)	51,300 (380)	51,200 (410)	50,400 (270)	49,500 (410)	49,400 (420)
Kansas .....	47,795	54,835	49,400 (510)	50,700 (340)	51,500 (420)	52,400 (300)	50,100 (430)	49,800 (550)	49,000 (460)
Kentucky .....	39,464	45,451	43,100 (340)	43,900 (360)	43,700 (340)	43,400 (280)	42,000 (340)	41,300 (310)	41,100 (280)
Louisiana .....	38,440	43,958	42,300 (400)	43,900 (410)	44,400 (300)	45,700 (400)	44,600 (400)	43,800 (440)	41,700 (320)
Maine .....	48,781	50,267	49,300 (680)	48,500 (520)	49,800 (470)	48,700 (570)	48,000 (600)	47,300 (600)	46,000 (490)
Maryland .....	68,978	71,362	71,000 (420)	72,700 (450)	73,800 (490)	73,700 (390)	72,600 (440)	71,000 (580)	70,000 (490)
Massachusetts .....	64,715	68,168	65,900 (490)	66,900 (420)	67,600 (340)	68,300 (380)	67,200 (430)	64,000 (260)	62,900 (550)
Michigan .....	54,326	60,292	53,000 (310)	52,600 (220)	52,000 (250)	50,800 (270)	47,500 (230)	46,800 (190)	46,000 (200)
Minnesota .....	54,132	63,591	59,900 (260)	60,300 (300)	60,500 (400)	59,800 (330)	58,300 (350)	57,200 (290)	57,000 (300)
Mississippi .....	35,265	42,290	37,900 (430)	38,500 (420)	39,400 (450)	39,500 (430)	38,400 (440)	38,000 (400)	36,900 (350)
Missouri .....	46,168	51,204	48,400 (250)	47,800 (300)	48,900 (320)	49,000 (240)	47,400 (330)	45,700 (320)	45,200 (320)
Montana .....	40,259	44,576	45,300 (680)	45,300 (480)	47,200 (680)	45,600 (800)	44,400 (680)	44,000 (710)	44,200 (660)
Nebraska .....	45,562	52,980	50,500 (530)	50,700 (390)	51,100 (450)	51,900 (510)	49,700 (510)	49,900 (570)	50,300 (420)
Nevada .....	54,310	60,176	56,600 (620)	59,100 (710)	59,700 (620)	58,900 (500)	55,900 (630)	52,600 (500)	48,900 (620)
New Hampshire .....	63,624	66,771	65,400 (700)	66,600 (840)	67,700 (760)	66,600 (1,040)	63,500 (880)	63,000 (720)	62,600 (860)
New Jersey .....	71,677	74,437	71,100 (370)	71,900 (450)	72,700 (380)	73,500 (330)	71,700 (420)	69,800 (480)	67,500 (440)
New Mexico .....	42,184	46,073	43,200 (520)	45,300 (480)	45,000 (450)	45,400 (580)	45,100 (660)	43,400 (460)	42,000 (490)
New York .....	57,732	58,573	57,000 (300)	57,300 (170)	58,000 (230)	58,500 (240)	57,300 (250)	55,900 (240)	55,200 (240)
North Carolina .....	46,668	52,891	46,900 (220)	47,500 (300)	48,500 (280)	48,600 (270)	45,800 (240)	44,700 (230)	43,900 (320)
North Dakota .....	40,654	46,709	47,300 (490)	46,800 (680)	47,500 (790)	47,700 (620)	50,200 (630)	50,200 (990)	51,700 (770)
Ohio .....	50,274	55,283	50,100 (240)	49,700 (240)	50,500 (200)	50,100 (200)	47,600 (220)	46,500 (180)	45,700 (190)
Oklahoma .....	41,291	45,084	42,700 (400)	43,200 (440)	45,100 (260)	44,700 (450)	43,700 (320)	43,400 (260)	43,200 (370)
Oregon .....	47,724	55,229	49,500 (410)	51,600 (340)	52,900 (450)	52,400 (330)	50,800 (400)	48,000 (340)	46,800 (430)
Pennsylvania .....	50,909	54,136	51,300 (270)	51,600 (200)	52,700 (200)	53,000 (170)	51,900 (180)	50,800 (270)	50,200 (180)
Rhode Island .....	56,359	56,814	59,300 (960)	57,800 (780)	58,100 (890)	58,200 (1,140)	56,700 (970)	53,900 (780)	53,600 (1,030)
South Carolina .....	45,983	50,054	45,300 (430)	45,800 (290)	47,000 (420)	46,600 (400)	44,500 (360)	43,300 (270)	42,400 (340)
South Dakota .....	39,410	47,624	46,400 (620)	47,700 (670)	47,100 (620)	48,100 (740)	47,200 (770)	47,400 (760)	48,300 (970)
Tennessee .....	43,445	49,079	44,800 (340)	45,000 (290)	46,000 (230)	45,600 (270)	43,800 (280)	42,800 (250)	41,700 (260)
Texas .....	47,314	53,894	48,500 (170)	50,100 (190)	51,600 (200)	52,300 (140)	50,600 (160)	50,100 (220)	49,400 (240)
Utah .....	51,612	61,722	55,200 (660)	57,200 (390)	59,800 (500)	59,200 (450)	57,800 (510)	56,500 (390)	55,900 (490)
Vermont .....	52,175	55,148	52,600 (840)	53,200 (860)	54,100 (780)	54,400 (620)	54,100 (610)	51,000 (930)	52,800 (860)
Virginia .....	58,368	63,005	62,500 (380)	62,800 (310)	64,600 (390)	64,000 (280)	62,200 (310)	62,600 (290)	61,900 (310)
Washington .....	54,612	61,789	56,800 (450)	58,700 (320)	60,300 (330)	60,700 (370)	59,300 (340)	57,400 (340)	56,800 (350)
West Virginia .....	36,419	40,084	38,500 (560)	39,100 (420)	40,200 (500)	39,700 (650)	39,300 (450)	39,400 (560)	38,500 (530)
Wisconsin .....	51,563	59,110	54,300 (280)	54,400 (300)	54,900 (240)	54,400 (230)	52,400 (260)	50,500 (310)	50,400 (260)
Wyoming .....	47,454	51,147	53,200 (1,060)	52,900 (1,000)	56,100 (870)	55,600 (1,260)	55,200 (1,200)	55,200 (1,190)	56,300 (1,150)

<sup>1</sup>Based on 1989 incomes collected in the 1990 census.

<sup>2</sup>Based on 1999 incomes collected in the 2000 census.

NOTE: Constant dollars adjusted by the Consumer Price Index research series using current methods (CPI-U-RS).

SOURCE: U.S. Department of Commerce, Census Bureau, 1990 Summary Tape File 3 (STF 3), "Median Household Income in 1989," retrieved May 12, 2005, from (<https://www.census.gov/>)

[hhes/www/income/data/historical/state/state1.html](https://www.income/data/historical/state/state1.html)); Decennial Census, 2000, *Summary Social, Economic, and Housing Characteristics*; Census 2000 Summary File 4 (SF 4), retrieved March 28, 2005, from ([http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC\\_00\\_SF4\\_PCT089&prodType=table](http://factfinder2.census.gov/faces/tableservices/jsf/pages/productview.xhtml?pid=DEC_00_SF4_PCT089&prodType=table)); and American Community Survey, 2005 through 2011. (This table was prepared October 2012.)

**Table 25. Poverty rates for all persons and poverty status of 5- to 17-year-olds, by region and state: Selected years, 1990 through 2011**  
[Standard errors appear in parentheses]

Region and state	Percent of persons in poverty				Poverty status of related children <sup>1</sup> 5 through 17 years old					
	1990 <sup>2</sup>	2000 <sup>3</sup>	2010 <sup>4</sup>	2011 <sup>4</sup>	1990, <sup>2</sup> percent in poverty	2000, <sup>3</sup> percent in poverty	2010 <sup>4</sup>		2011 <sup>4</sup>	
							Number in poverty (in thousands)	Percent in poverty	Number in poverty (in thousands)	Percent in poverty
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>13.1</b>	<b>12.4</b>	<b>15.3 (0.06)</b>	<b>15.9 (0.06)</b>	<b>17.0 (0.02)</b>	<b>15.4 (0.01)</b>	<b>10,414 (66.6)</b>	<b>19.7 (0.12)</b>	<b>10,884 (72.4)</b>	<b>20.7 (0.14)</b>
<b>Region</b>										
Northeast .....	10.6	11.4	12.8 (0.09)	13.3 (0.10)	14.3 (0.54)	14.3 (0.39)	1,453 (18.9)	16.3 (0.21)	1,521 (21.7)	17.2 (0.24)
South .....	15.7	13.9	16.9 (0.09)	17.4 (0.08)	20.5 (0.90)	17.6 (0.64)	4,376 (36.5)	22.2 (0.18)	4,584 (34.8)	23.1 (0.17)
Midwest .....	12.0	10.2	14.5 (0.11)	14.9 (0.12)	14.9 (0.58)	12.0 (0.37)	2,114 (26.4)	18.4 (0.22)	2,163 (29.3)	19.0 (0.26)
West .....	12.6	13.0	15.3 (0.09)	16.1 (0.11)	16.2 (0.79)	16.2 (0.54)	2,472 (26.5)	19.4 (0.21)	2,618 (30.1)	20.7 (0.24)
Alabama .....	18.3	16.1	19.0 (0.40)	19.1 (0.42)	23.2 (0.16)	20.3 (0.11)	212 (7.5)	26.1 (0.90)	209 (7.6)	25.7 (0.93)
Alaska .....	9.0	9.4	10.8 (0.76)	10.2 (0.80)	9.6 (0.27)	10.3 (0.18)	15 (1.8)	11.2 (1.38)	18 (2.8)	14.0 (2.14)
Arizona .....	15.7	13.9	17.5 (0.36)	19.1 (0.39)	20.3 (0.15)	17.8 (0.11)	258 (8.8)	22.4 (0.77)	297 (9.9)	26.0 (0.87)
Arkansas .....	19.1	15.8	18.7 (0.42)	18.7 (0.49)	23.8 (0.20)	20.1 (0.13)	124 (5.0)	24.7 (1.00)	123 (5.1)	24.4 (1.02)
California .....	12.5	14.2	15.8 (0.13)	16.6 (0.14)	17.2 (0.06)	18.5 (0.04)	1,374 (19.7)	20.7 (0.30)	1,429 (17.9)	21.7 (0.27)
Colorado .....	11.7	9.3	13.1 (0.34)	13.3 (0.32)	13.7 (0.13)	10.0 (0.08)	130 (6.3)	14.9 (0.72)	136 (6.9)	15.6 (0.78)
Connecticut .....	6.8	7.9	9.9 (0.31)	10.9 (0.35)	9.8 (0.15)	9.6 (0.10)	68 (4.3)	11.2 (0.70)	84 (4.2)	14.1 (0.71)
Delaware .....	8.7	9.2	12.0 (0.75)	12.2 (0.68)	11.0 (0.27)	10.9 (0.22)	24 (2.3)	16.2 (1.55)	24 (2.6)	16.5 (1.77)
District of Columbia .....	16.9	20.2	19.3 (0.92)	18.9 (0.94)	24.1 (0.59)	30.4 (0.44)	20 (1.7)	30.2 (2.50)	20 (2.1)	29.6 (3.10)
Florida .....	12.7	12.5	16.5 (0.16)	17.0 (0.18)	17.5 (0.10)	16.6 (0.07)	623 (11.4)	21.7 (0.40)	663 (11.8)	23.3 (0.42)
Georgia .....	14.7	13.0	17.9 (0.27)	19.1 (0.27)	18.9 (0.14)	16.1 (0.09)	402 (8.5)	22.6 (0.48)	437 (10.3)	24.5 (0.58)
Hawaii .....	8.3	10.7	10.3 (0.52)	12.0 (0.67)	10.5 (0.25)	12.9 (0.18)	24 (2.7)	11.2 (1.28)	37 (3.8)	17.3 (1.80)
Idaho .....	13.3	11.8	15.3 (0.52)	15.4 (0.59)	14.4 (0.23)	12.6 (0.14)	45 (2.7)	15.0 (0.89)	49 (3.7)	16.3 (1.22)
Illinois .....	11.9	10.7	13.9 (0.19)	14.7 (0.23)	15.9 (0.08)	13.4 (0.05)	408 (9.3)	18.1 (0.41)	436 (11.2)	19.5 (0.50)
Indiana .....	10.7	9.5	15.3 (0.28)	15.7 (0.31)	12.8 (0.10)	10.6 (0.08)	228 (7.8)	20.0 (0.68)	231 (8.0)	20.4 (0.71)
Iowa .....	11.5	9.1	12.7 (0.42)	12.8 (0.39)	12.6 (0.14)	9.5 (0.09)	79 (4.9)	15.6 (0.95)	82 (5.4)	16.1 (1.05)
Kansas .....	11.5	9.9	13.1 (0.43)	14.1 (0.49)	12.8 (0.15)	10.4 (0.10)	80 (5.0)	15.7 (0.97)	82 (4.9)	16.3 (0.98)
Kentucky .....	19.0	15.8	18.7 (0.33)	19.5 (0.41)	23.2 (0.16)	19.4 (0.10)	168 (5.8)	23.3 (0.79)	185 (7.0)	25.8 (0.94)
Louisiana .....	23.6	19.6	18.5 (0.31)	20.2 (0.35)	30.4 (0.19)	25.3 (0.11)	190 (6.4)	24.2 (0.77)	210 (6.0)	26.6 (0.75)
Maine .....	10.8	10.9	13.6 (0.60)	14.2 (0.60)	12.3 (0.20)	12.0 (0.15)	34 (2.9)	17.0 (1.42)	34 (2.8)	17.2 (1.46)
Maryland .....	8.3	8.5	10.0 (0.26)	10.1 (0.25)	10.5 (0.12)	9.8 (0.09)	112 (4.8)	11.6 (0.50)	120 (5.9)	12.5 (0.62)
Massachusetts .....	8.9	9.3	11.3 (0.26)	11.7 (0.26)	12.2 (0.12)	11.4 (0.08)	130 (5.8)	12.6 (0.57)	145 (6.0)	14.1 (0.59)
Michigan .....	13.1	10.5	16.5 (0.24)	17.0 (0.26)	16.7 (0.09)	12.7 (0.05)	348 (10.0)	20.5 (0.58)	356 (10.7)	21.4 (0.64)
Minnesota .....	10.2	7.9	11.4 (0.32)	11.6 (0.32)	11.4 (0.10)	8.7 (0.06)	124 (7.5)	13.7 (0.81)	116 (5.9)	12.7 (0.64)
Mississippi .....	25.2	19.9	22.2 (0.53)	22.5 (0.48)	32.6 (0.21)	26.0 (0.13)	154 (5.5)	29.0 (1.03)	155 (4.8)	28.9 (0.88)
Missouri .....	13.3	11.7	15.5 (0.28)	15.9 (0.34)	16.2 (0.12)	14.4 (0.08)	181 (6.3)	18.1 (0.64)	199 (8.3)	19.9 (0.81)
Montana .....	16.1	14.6	14.5 (0.72)	14.0 (0.76)	18.4 (0.30)	17.1 (0.20)	27 (2.5)	17.8 (1.57)	26 (2.5)	16.7 (1.61)
Nebraska .....	11.1	9.7	13.1 (0.58)	11.9 (0.51)	12.0 (0.18)	11.1 (0.12)	52 (4.2)	16.4 (1.31)	44 (3.3)	13.7 (1.03)
Nevada .....	10.2	10.5	15.1 (0.49)	16.1 (0.50)	11.7 (0.26)	12.3 (0.16)	93 (5.1)	19.8 (1.08)	100 (5.4)	21.3 (1.15)
New Hampshire .....	6.4	6.5	8.2 (0.45)	8.8 (0.52)	6.4 (0.16)	6.7 (0.12)	17 (2.4)	8.1 (1.14)	22 (2.7)	10.7 (1.32)
New Jersey .....	7.6	8.5	10.2 (0.22)	10.3 (0.19)	10.8 (0.10)	10.5 (0.07)	194 (6.8)	12.9 (0.45)	193 (6.9)	13.0 (0.47)
New Mexico .....	20.6	18.4	20.3 (0.66)	21.4 (0.61)	26.3 (0.25)	23.6 (0.17)	104 (5.0)	28.2 (1.37)	103 (4.8)	28.0 (1.30)
New York .....	13.0	14.6	15.0 (0.19)	15.8 (0.16)	18.1 (0.09)	19.1 (0.06)	620 (12.0)	20.0 (0.39)	655 (13.5)	21.4 (0.43)
North Carolina .....	13.0	12.3	17.3 (0.25)	17.6 (0.26)	16.0 (0.11)	14.9 (0.07)	361 (8.9)	22.3 (0.55)	374 (9.5)	22.8 (0.58)
North Dakota .....	14.4	11.9	12.2 (0.80)	11.0 (0.68)	15.9 (0.30)	12.2 (0.17)	14 (1.9)	13.1 (1.76)	9 (1.5)	8.6 (1.40)
Ohio .....	12.5	10.6	15.9 (0.21)	16.4 (0.26)	16.2 (0.08)	12.9 (0.05)	412 (10.7)	21.0 (0.54)	422 (11.0)	21.9 (0.57)
Oklahoma .....	16.7	14.7	17.0 (0.40)	17.5 (0.45)	19.9 (0.16)	17.7 (0.11)	152 (6.8)	23.2 (1.04)	139 (6.3)	21.2 (0.96)
Oregon .....	12.4	11.6	15.9 (0.34)	16.9 (0.38)	13.4 (0.15)	12.8 (0.11)	119 (4.9)	19.5 (0.80)	131 (5.8)	21.6 (0.93)
Pennsylvania .....	11.1	11.0	13.2 (0.19)	13.6 (0.24)	14.5 (0.08)	13.6 (0.05)	349 (10.0)	17.3 (0.49)	349 (12.0)	17.5 (0.59)
Rhode Island .....	9.6	11.9	14.6 (0.61)	14.3 (0.67)	12.3 (0.30)	15.6 (0.25)	29 (2.6)	17.9 (1.57)	29 (2.1)	18.0 (1.32)
South Carolina .....	15.4	14.1	18.1 (0.34)	18.9 (0.35)	20.0 (0.19)	17.9 (0.12)	175 (6.7)	22.9 (0.86)	195 (6.8)	25.6 (0.88)
South Dakota .....	15.9	13.2	14.9 (0.92)	12.8 (0.82)	18.7 (0.33)	15.5 (0.21)	25 (3.2)	17.5 (2.26)	20 (2.2)	14.5 (1.53)
Tennessee .....	15.7	13.5	17.6 (0.30)	18.1 (0.29)	19.5 (0.13)	16.6 (0.10)	251 (8.1)	23.7 (0.76)	258 (7.6)	24.2 (0.71)
Texas .....	18.1	15.4	17.8 (0.16)	18.3 (0.16)	23.4 (0.09)	19.3 (0.06)	1,161 (15.7)	23.8 (0.32)	1,217 (18.2)	24.7 (0.37)
Utah .....	11.4	9.4	13.4 (0.47)	13.7 (0.55)	10.9 (0.16)	8.9 (0.09)	91 (5.4)	15.2 (0.91)	91 (6.9)	14.9 (1.14)
Vermont .....	9.9	9.4	11.9 (0.79)	11.0 (0.75)	10.7 (0.26)	9.9 (0.16)	11 (1.9)	12.4 (2.04)	10 (1.3)	10.7 (1.45)
Virginia .....	10.2	9.6	11.3 (0.18)	11.6 (0.22)	12.4 (0.12)	11.4 (0.08)	180 (6.1)	13.6 (0.46)	189 (7.3)	14.3 (0.54)
Washington .....	10.9	10.6	13.5 (0.27)	14.0 (0.27)	12.8 (0.10)	12.2 (0.09)	182 (6.7)	16.2 (0.59)	188 (8.2)	16.9 (0.72)
West Virginia .....	19.7	17.9	18.4 (0.56)	18.6 (0.60)	24.0 (0.23)	22.9 (0.17)	67 (4.1)	24.4 (1.50)	65 (4.0)	23.6 (1.48)
Wisconsin .....	10.7	8.7	13.1 (0.32)	13.6 (0.37)	13.3 (0.10)	10.0 (0.07)	162 (7.0)	17.0 (0.73)	165 (7.9)	17.4 (0.82)
Wyoming .....	11.9	11.4	10.7 (0.82)	11.2 (0.76)	12.6 (0.33)	12.5 (0.24)	11 (1.6)	11.7 (1.71)	13 (1.8)	13.9 (1.96)

<sup>1</sup>Related children in a family include all children in the household who are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). The householder is the person (or one of the people) who owns or rents (main-tains) the housing unit.

<sup>2</sup>Based on 1989 incomes and family sizes collected in the 1990 census. May differ from Current Population Survey data that are shown in other tables.

<sup>3</sup>Based on 1999 incomes and family sizes collected in the 2000 census. May differ from Current Population Survey data that are shown in other tables.

<sup>4</sup>Based on income and family size data from the American Community Survey (ACS). May differ from Current Population Survey data that are shown in other tables. ACS respondents were interviewed throughout the given year and reported the income they received during the previous 12 months.

NOTE: For information about how the Census Bureau determines who is in poverty, see <http://www.census.gov/hhes/www/poverty/about/overview/measure.html>. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, 1990 Summary Tape File 3 (STF 3), "Median Household Income in 1989" and "Poverty Status in 1989 by Family Type and Age"; Decennial Census, 1990, *Minority Economic Profiles*, unpublished data; Decennial Census, 2000, *Summary Social, Economic, and Housing Characteristics*; Census 2000 Summary File 4 (SF 4), "Poverty Status in 1999 of Related Children Under 18 Years by Family Type and Age"; and American Community Survey, 2010 and 2011. (This table was prepared February 2013.)

**Table 26. Poverty status of all persons, persons in families, and related children under age 18, by race/ethnicity: Selected years, 1960 through 2011**

[Standard errors appear in parentheses]

Year and race/ethnicity	Number below the poverty level (in thousands)						Percent below the poverty level					
	All persons	In all families			In families with female householder, no husband present		All persons	In all families			In families with female householder, no husband present	
		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b>												
1960.....	39,851 (644.0)	34,925 (493.6)	8,243 (177.2)	17,288 (290.6)	7,247 (163.6)	4,095 (116.6)	22.2 (0.34)	20.7 (0.17)	18.1 (0.30)	26.5 (0.29)	48.9 (0.69)	68.4 (1.01)
1965.....	33,185 (595.4)	28,358 (419.2)	6,721 (156.2)	14,388 (255.6)	7,524 (167.4)	4,562 (124.1)	17.3 (0.30)	15.8 (0.14)	13.9 (0.26)	20.7 (0.26)	46.0 (0.66)	64.2 (0.96)
1970.....	25,420 (431.8)	20,330 (266.6)	5,260 (110.1)	10,235 (166.2)	7,503 (136.5)	4,689 (102.9)	12.6 (0.21)	10.9 (0.10)	10.1 (0.18)	14.9 (0.19)	38.1 (0.48)	53.0 (0.73)
1975.....	25,877 (435.2)	20,789 (271.0)	5,450 (112.4)	10,882 (173.0)	8,846 (151.3)	5,597 (114.2)	12.3 (0.20)	10.9 (0.10)	9.7 (0.17)	16.8 (0.20)	37.5 (0.43)	52.7 (0.67)
1980.....	29,272 (460.0)	22,601 (288.2)	6,217 (121.7)	11,114 (175.4)	10,120 (165.0)	5,866 (117.5)	13.0 (0.20)	11.5 (0.10)	10.3 (0.17)	17.9 (0.21)	36.7 (0.40)	50.8 (0.64)
1985.....	33,064 (513.3)	25,729 (336.0)	7,223 (141.0)	12,483 (200.4)	11,600 (190.8)	6,716 (134.8)	14.0 (0.21)	12.6 (0.11)	11.4 (0.18)	20.1 (0.23)	37.6 (0.40)	53.6 (0.65)
1986.....	32,370 (508.5)	24,754 (326.3)	7,023 (138.6)	12,257 (197.9)	11,944 (194.6)	6,943 (137.6)	13.6 (0.21)	12.0 (0.10)	10.9 (0.18)	19.8 (0.23)	38.3 (0.40)	54.4 (0.64)
1987.....	32,221 (507.5)	24,725 (326.0)	7,005 (138.3)	12,275 (198.1)	12,148 (196.8)	7,074 (139.2)	13.4 (0.21)	12.0 (0.10)	10.7 (0.18)	19.7 (0.23)	38.1 (0.40)	54.7 (0.64)
1988.....	31,745 (504.2)	24,048 (319.3)	6,876 (136.8)	11,935 (194.5)	11,972 (194.9)	6,742 (135.1)	13.0 (0.20)	11.6 (0.10)	10.4 (0.17)	19.0 (0.23)	37.2 (0.39)	50.6 (0.63)
1989.....	31,528 (548.0)	24,066 (348.2)	6,784 (147.9)	12,001 (212.7)	11,668 (208.8)	6,808 (148.2)	12.8 (0.22)	11.5 (0.11)	10.3 (0.19)	19.0 (0.25)	35.9 (0.42)	51.1 (0.69)
1990.....	33,585 (534.7)	25,232 (342.5)	7,098 (144.3)	12,715 (209.9)	12,578 (208.4)	7,363 (147.6)	13.5 (0.21)	12.0 (0.11)	10.7 (0.18)	19.9 (0.24)	37.2 (0.40)	53.4 (0.64)
1991.....	35,708 (549.1)	27,143 (362.1)	7,712 (151.9)	13,658 (220.3)	13,824 (222.2)	8,065 (156.2)	14.2 (0.22)	12.8 (0.11)	11.5 (0.19)	21.1 (0.24)	39.7 (0.39)	55.5 (0.62)
1992.....	38,014 (564.0)	28,961 (380.7)	7,960 (154.9)	14,521 (229.8)	14,205 (226.3)	8,032 (155.8)	14.8 (0.22)	13.3 (0.11)	11.7 (0.19)	21.6 (0.24)	39.0 (0.38)	53.3 (0.62)
1993.....	39,265 (571.8)	29,927 (390.5)	8,393 (160.2)	14,961 (234.6)	14,636 (231.0)	8,503 (161.5)	15.1 (0.22)	13.6 (0.11)	12.3 (0.19)	22.0 (0.24)	38.7 (0.38)	53.7 (0.60)
1994.....	38,059 (564.3)	28,985 (380.9)	8,053 (156.1)	14,610 (230.8)	14,380 (228.3)	8,427 (160.6)	14.5 (0.21)	13.1 (0.11)	11.6 (0.18)	21.2 (0.23)	38.6 (0.38)	52.9 (0.59)
1995.....	36,425 (553.8)	27,501 (365.8)	7,532 (149.7)	13,999 (224.1)	14,205 (226.3)	8,364 (159.8)	13.8 (0.21)	12.3 (0.10)	10.8 (0.18)	20.2 (0.23)	36.5 (0.37)	50.3 (0.58)
1996.....	36,529 (572.0)	27,376 (378.5)	7,708 (157.7)	13,764 (230.1)	13,796 (230.4)	7,990 (161.3)	13.7 (0.21)	12.2 (0.11)	11.0 (0.18)	19.8 (0.24)	35.8 (0.38)	49.3 (0.61)
1997.....	35,574 (565.6)	26,217 (366.2)	7,324 (152.8)	13,422 (226.2)	13,494 (227.0)	7,928 (160.5)	13.3 (0.21)	11.6 (0.11)	10.3 (0.18)	19.2 (0.23)	35.1 (0.38)	49.0 (0.61)
1998.....	34,476 (558.1)	25,370 (357.2)	7,186 (151.0)	12,845 (219.5)	12,907 (220.3)	7,627 (156.7)	12.7 (0.21)	11.2 (0.10)	10.0 (0.17)	18.3 (0.23)	33.1 (0.37)	46.1 (0.61)
1999.....	32,791 (547.3)	23,830 (340.8)	6,676 (144.4)	11,678 (206.0)	11,764 (207.0)	6,602 (143.4)	11.9 (0.20)	10.3 (0.10)	9.3 (0.17)	16.6 (0.22)	30.5 (0.37)	41.9 (0.61)
2000.....	31,581 (538.4)	22,347 (324.8)	6,222 (138.4)	11,005 (198.1)	10,926 (197.1)	6,116 (136.9)	11.3 (0.19)	9.6 (0.10)	8.6 (0.16)	15.6 (0.21)	28.5 (0.36)	39.8 (0.62)
2001.....	32,907 (548.1)	23,215 (334.2)	6,813 (146.2)	11,175 (200.1)	11,223 (200.6)	6,341 (139.9)	11.7 (0.20)	9.9 (0.10)	9.2 (0.17)	15.8 (0.21)	28.6 (0.36)	39.3 (0.60)
2002.....	34,570 (599.9)	24,534 (348.6)	7,229 (148.2)	11,646 (197.7)	11,657 (197.8)	6,564 (140.2)	12.1 (0.14)	10.4 (0.07)	9.6 (0.12)	16.3 (0.15)	28.8 (0.25)	39.6 (0.42)
2003.....	35,861 (607.8)	25,684 (357.3)	7,607 (151.6)	12,340 (197.5)	12,413 (198.1)	7,085 (140.8)	12.5 (0.14)	10.8 (0.07)	10.0 (0.12)	17.2 (0.16)	30.0 (0.25)	41.8 (0.42)
2004.....	37,040 (613.5)	26,544 (363.9)	7,854 (153.9)	12,473 (198.6)	12,823 (199.5)	7,132 (140.3)	12.7 (0.14)	11.0 (0.07)	10.2 (0.12)	17.3 (0.16)	30.5 (0.25)	41.9 (0.42)
2005.....	36,950 (613.0)	26,068 (363.3)	7,657 (152.1)	12,335 (197.5)	13,153 (199.2)	7,210 (140.8)	12.6 (0.14)	10.8 (0.07)	9.9 (0.12)	17.1 (0.16)	31.1 (0.25)	42.8 (0.43)
2006.....	36,460 (610.7)	25,915 (363.1)	7,668 (152.2)	12,299 (197.5)	13,199 (199.6)	7,341 (140.9)	12.3 (0.14)	10.6 (0.07)	9.8 (0.12)	16.9 (0.15)	30.5 (0.25)	42.1 (0.42)
2007.....	37,276 (614.6)	26,509 (363.6)	7,623 (151.8)	12,802 (198.3)	13,478 (199.9)	7,546 (141.1)	12.5 (0.14)	10.8 (0.07)	9.8 (0.12)	17.6 (0.16)	30.7 (0.25)	43.0 (0.42)
2008.....	39,829 (626.4)	28,564 (379.2)	8,147 (156.5)	13,507 (200.1)	13,812 (201.6)	7,587 (141.5)	13.2 (0.14)	11.5 (0.07)	10.3 (0.12)	18.5 (0.16)	31.4 (0.25)	43.5 (0.42)
2009.....	43,569 (644.8)	31,197 (400.0)	8,792 (122.3)	14,774 (172.4)	14,746 (172.2)	7,942 (141.7)	14.3 (0.15)	12.5 (0.07)	11.1 (0.12)	20.1 (0.16)	32.5 (0.25)	44.4 (0.41)
2010.....	46,180 (655.7)	33,007 (421.5)	9,221 (126.0)	15,730 (180.1)	15,895 (181.4)	8,648 (121.0)	15.1 (0.15)	13.2 (0.08)	11.7 (0.13)	21.5 (0.17)	34.2 (0.25)	46.9 (0.41)
2011.....	46,247 (656.0)	33,126 (421.4)	9,497 (128.4)	15,539 (178.5)	16,451 (185.8)	9,026 (124.3)	15.0 (0.15)	13.1 (0.07)	11.8 (0.13)	21.4 (0.17)	34.2 (0.24)	47.6 (0.40)
<b>White</b>												
1970 <sup>3</sup> .....	17,484 (363.3)	13,323 (198.0)	3,708 (90.0)	6,138 (120.7)	3,761 (90.7)	2,247 (68.2)	9.9 (0.20)	8.1 (0.09)	8.0 (0.17)	10.5 (0.17)	28.4 (0.54)	43.1 (0.94)
1975 <sup>3</sup> .....	17,770 (366.1)	13,799 (202.8)	3,838 (91.7)	6,748 (127.9)	4,577 (101.5)	2,813 (77.1)	9.7 (0.20)	8.3 (0.09)	7.7 (0.16)	12.5 (0.20)	29.4 (0.50)	44.2 (0.86)
1980 <sup>3</sup> .....	19,699 (384.1)	14,587 (210.7)	4,195 (96.5)	6,817 (128.7)	4,940 (106.1)	2,813 (77.1)	10.2 (0.20)	8.6 (0.09)	8.0 (0.16)	13.4 (0.21)	28.0 (0.46)	41.6 (0.82)
1985 <sup>3</sup> .....	22,860 (435.1)	17,125 (249.2)	4,983 (112.8)	7,838 (148.3)	5,990 (125.8)	3,372 (90.2)	11.4 (0.21)	9.9 (0.10)	9.1 (0.18)	15.6 (0.24)	29.8 (0.47)	45.2 (0.84)
1990 <sup>3</sup> .....	22,326 (445.3)	15,916 (244.9)	4,622 (111.7)	7,696 (151.7)	6,210 (133.0)	3,597 (96.8)	10.7 (0.21)	9.0 (0.10)	8.1 (0.17)	15.1 (0.24)	29.8 (0.48)	45.9 (0.85)
1995 <sup>3</sup> .....	24,423 (463.9)	17,593 (262.9)	4,994 (116.9)	8,474 (161.1)	7,047 (143.7)	4,051 (103.5)	11.2 (0.21)	9.6 (0.10)	8.5 (0.17)	15.5 (0.23)	29.7 (0.45)	42.5 (0.76)
1996 <sup>3</sup> .....	24,650 (481.8)	17,621 (273.3)	5,059 (122.3)	8,488 (167.6)	7,073 (149.6)	4,029 (107.2)	11.2 (0.22)	9.6 (0.11)	8.6 (0.18)	15.5 (0.24)	29.8 (0.46)	43.1 (0.80)
1997 <sup>3</sup> .....	24,396 (479.6)	17,258 (269.3)	4,990 (121.3)	8,441 (167.0)	7,296 (152.5)	4,186 (109.6)	11.0 (0.21)	9.3 (0.11)	8.4 (0.18)	15.4 (0.24)	30.7 (0.47)	44.3 (0.80)
1998 <sup>3</sup> .....	23,454 (471.2)	16,549 (261.4)	4,829 (119.0)	7,935 (160.6)	6,674 (144.4)	3,875 (104.9)	10.5 (0.21)	8.9 (0.10)	8.0 (0.17)	14.4 (0.23)	27.6 (0.45)	40.0 (0.78)
1999 <sup>3</sup> .....	22,169 (459.8)	15,353 (248.1)	4,377 (112.4)	7,194 (151.2)	5,947 (134.6)	3,266 (95.2)	9.8 (0.20)	8.2 (0.10)	7.3 (0.17)	12.9 (0.22)	24.9 (0.44)	35.5 (0.78)
2000 <sup>3</sup> .....	21,645 (454.8)	14,692 (240.6)	4,151 (109.1)	6,834 (146.5)	5,609 (130.0)	2,955 (90.0)	9.5 (0.20)	7.8 (0.10)	6.9 (0.16)	12.3 (0.22)	23.2 (0.42)	33.0 (0.78)
2001 <sup>3</sup> .....	22,739 (465.2)	15,369 (248.2)	4,579 (115.4)	7,086 (149.8)	5,972 (135.0)	3,291 (95.6)	9.9 (0.20)	8.1 (0.10)	7.4 (0.16)	12.8 (0.22)	24.3 (0.43)	34.7 (0.76)
2002 <sup>4</sup> .....	15,567 (278.6)	9,389 (127.5)	3,208 (67.3)	3,848 (74.5)	3,733 (73.2)	1,949 (51.2)	8.0 (0.14)	5.9 (0.07)	6.0 (0.11)	8.9 (0.15)	20.0 (0.33)	29.2 (0.62)
2003 <sup>4</sup> .....	15,902 (281.9)	9,658 (129.8)	3,270 (68.0)	3,957 (75.7)	3,959 (75.7)	2,033 (52.4)	8.2 (0.14)	6.1 (0.07)	6.1 (0.12)	9.3 (0.16)	21.1 (0.33)	30.7 (0.63)
2004 <sup>4</sup> .....	16,908 (290.1)	10,323 (135.5)	3,505 (70.7)	4,190 (78.2)	4,116 (77.4)	2,114 (53.5)	8.7 (0.15)	6.5 (0.07)	6.5 (0.12)	9.9 (0.16)	21.7 (0.33)	31.5 (0.63)

See notes at end of table.

**Table 26. Poverty status of all persons, persons in families, and related children under age 18, by race/ethnicity: Selected years, 1960 through 2011—Continued**  
[Standard errors appear in parentheses]

Year and race/ethnicity	Number below the poverty level (in thousands)						Percent below the poverty level					
	All persons	In all families			In families with female householder, no husband present		All persons	In all families			In families with female householder, no husband present	
		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
2005 <sup>4</sup> .....	16,227 (284.6)	9,604 (129.4)	3,285 (68.1)	3,973 (75.9)	4,278 (79.2)	2,158 (54.1)	8.3 (0.14)	6.0 (0.07)	6.1 (0.11)	9.5 (0.16)	22.6 (0.34)	33.1 (0.65)
2006 <sup>4</sup> .....	16,013 (282.8)	9,676 (130.0)	3,372 (69.2)	3,930 (75.4)	4,353 (80.0)	2,206 (54.7)	8.2 (0.14)	6.1 (0.07)	6.2 (0.12)	9.5 (0.16)	22.5 (0.33)	32.9 (0.64)
2007 <sup>4</sup> .....	16,032 (282.9)	9,553 (128.9)	3,184 (67.0)	3,996 (76.1)	4,099 (77.3)	2,101 (53.3)	8.2 (0.14)	6.0 (0.07)	5.9 (0.11)	9.7 (0.16)	21.4 (0.33)	32.4 (0.65)
2008 <sup>4</sup> .....	17,024 (291.0)	10,138 (134.0)	3,383 (69.3)	4,059 (76.8)	4,046 (76.7)	1,985 (51.7)	8.6 (0.14)	6.4 (0.07)	6.2 (0.12)	10.0 (0.17)	21.5 (0.33)	31.7 (0.66)
2009 <sup>4</sup> .....	18,530 (303.4)	11,211 (143.1)	3,797 (74.0)	4,518 (81.7)	4,532 (81.9)	2,144 (53.9)	9.4 (0.15)	7.1 (0.07)	7.0 (0.12)	11.2 (0.18)	23.8 (0.34)	33.5 (0.66)
2010 <sup>4</sup> .....	19,599 (311.4)	11,740 (147.5)	3,922 (75.3)	4,675 (83.4)	4,802 (84.7)	2,269 (55.6)	9.9 (0.15)	7.4 (0.07)	7.3 (0.13)	11.7 (0.18)	24.8 (0.35)	34.8 (0.66)
2011 <sup>4</sup> .....	19,171 (308.2)	11,562 (146.0)	3,955 (75.7)	4,554 (82.1)	4,746 (84.1)	2,321 (56.3)	9.8 (0.15)	7.4 (0.07)	7.3 (0.12)	11.9 (0.18)	23.8 (0.34)	35.5 (0.66)
<b>Black<sup>3</sup></b>												
1970.....	7,548 (219.8)	6,683 (134.2)	1,481 (55.3)	3,922 (96.3)	3,656 (92.3)	2,383 (72.0)	33.5 (0.89)	32.2 (0.45)	29.5 (0.88)	41.5 (0.70)	58.7 (0.86)	67.7 (1.08)
1975.....	7,545 (219.8)	6,533 (132.3)	1,513 (56.0)	3,884 (95.7)	4,168 (99.9)	2,724 (77.7)	31.3 (0.85)	30.1 (0.43)	27.1 (0.82)	41.4 (0.70)	54.3 (0.78)	66.0 (1.01)
1980.....	8,579 (230.2)	7,190 (140.8)	1,826 (62.1)	3,906 (96.0)	4,984 (111.4)	2,944 (81.3)	32.5 (0.82)	31.1 (0.42)	28.9 (0.78)	42.1 (0.70)	53.4 (0.71)	64.8 (0.97)
1985.....	8,926 (246.7)	7,504 (153.2)	1,983 (68.7)	4,057 (103.9)	5,342 (123.1)	3,181 (89.9)	31.3 (0.82)	30.5 (0.43)	28.7 (0.79)	43.1 (0.74)	53.2 (0.72)	66.9 (0.99)
1990.....	9,837 (263.7)	8,160 (167.6)	2,193 (75.2)	4,412 (113.1)	6,005 (137.1)	3,543 (99.1)	31.9 (0.82)	31.0 (0.43)	29.3 (0.79)	44.2 (0.75)	50.6 (0.69)	64.7 (0.97)
1995.....	9,872 (264.0)	8,189 (168.0)	2,127 (73.9)	4,644 (116.7)	6,553 (145.0)	3,954 (105.9)	29.3 (0.77)	28.5 (0.40)	26.4 (0.74)	41.5 (0.70)	48.2 (0.64)	61.6 (0.91)
1996.....	9,694 (267.9)	7,993 (161.4)	2,206 (76.7)	4,411 (112.9)	6,123 (137.0)	3,619 (100.9)	28.4 (0.79)	27.6 (0.41)	26.1 (0.75)	39.5 (0.72)	46.4 (0.68)	58.2 (0.98)
1997.....	9,116 (262.9)	7,386 (153.6)	1,985 (72.5)	4,116 (108.5)	5,654 (130.6)	3,402 (97.4)	26.5 (0.77)	25.5 (0.40)	23.6 (0.72)	36.8 (0.71)	42.8 (0.67)	55.3 (0.99)
1998.....	9,091 (263.6)	7,259 (152.0)	1,981 (72.4)	4,073 (107.9)	5,629 (130.3)	3,366 (96.8)	26.1 (0.76)	24.7 (0.39)	23.4 (0.72)	36.4 (0.71)	42.8 (0.67)	54.7 (0.99)
1999.....	8,441 (257.8)	6,758 (145.5)	1,898 (70.7)	3,698 (102.1)	5,232 (124.8)	2,997 (90.7)	23.6 (0.72)	22.7 (0.38)	21.9 (0.69)	32.8 (0.69)	40.8 (0.68)	51.7 (1.03)
2000.....	7,982 (253.3)	6,221 (138.3)	1,685 (66.4)	3,495 (98.9)	4,774 (118.2)	2,830 (87.9)	22.5 (0.71)	21.2 (0.37)	19.1 (0.65)	30.9 (0.68)	38.6 (0.68)	49.4 (1.03)
2001.....	8,136 (255.5)	6,389 (140.6)	1,829 (69.3)	3,423 (97.7)	4,694 (117.1)	2,741 (86.4)	22.7 (0.71)	21.4 (0.37)	20.7 (0.67)	30.0 (0.67)	37.4 (0.67)	46.6 (1.02)
2002.....	8,602 (185.9)	6,761 (103.8)	1,923 (50.8)	3,570 (71.4)	4,980 (86.5)	2,855 (63.0)	24.1 (0.52)	22.8 (0.27)	21.5 (0.48)	32.1 (0.49)	38.2 (0.47)	47.5 (0.72)
2003.....	8,781 (197.6)	6,870 (104.9)	1,986 (51.7)	3,750 (73.4)	5,115 (87.9)	3,026 (65.1)	24.4 (0.52)	23.1 (0.27)	22.3 (0.49)	33.6 (0.50)	39.0 (0.47)	49.8 (0.72)
2004.....	9,014 (199.7)	7,153 (107.5)	2,035 (52.4)	3,702 (72.9)	5,247 (89.2)	2,963 (64.3)	24.7 (0.52)	23.8 (0.27)	22.8 (0.50)	33.4 (0.50)	39.6 (0.47)	49.2 (0.72)
2005.....	9,168 (201.5)	7,164 (107.6)	1,997 (51.9)	3,743 (73.4)	5,303 (89.7)	2,993 (64.7)	24.9 (0.52)	23.8 (0.27)	22.1 (0.49)	34.2 (0.51)	39.3 (0.47)	50.2 (0.72)
2006.....	9,048 (200.6)	7,072 (106.7)	2,007 (52.0)	3,690 (72.8)	5,180 (88.5)	2,971 (64.4)	24.3 (0.51)	23.1 (0.27)	21.6 (0.48)	33.0 (0.50)	39.1 (0.47)	49.7 (0.72)
2007.....	9,237 (203.0)	7,312 (108.9)	2,045 (52.5)	3,838 (74.4)	5,459 (91.3)	3,114 (66.1)	24.5 (0.51)	23.8 (0.27)	22.1 (0.48)	34.3 (0.50)	39.7 (0.47)	50.4 (0.71)
2008.....	9,379 (204.7)	7,339 (109.2)	2,055 (52.7)	3,781 (73.8)	5,533 (92.0)	3,123 (66.2)	24.7 (0.51)	23.7 (0.27)	22.0 (0.48)	34.4 (0.51)	40.5 (0.47)	51.9 (0.72)
2009.....	9,944 (209.8)	7,642 (112.0)	2,125 (53.6)	3,919 (75.3)	5,427 (91.0)	2,998 (64.8)	25.8 (0.51)	24.4 (0.27)	22.7 (0.48)	35.3 (0.51)	39.7 (0.47)	50.6 (0.72)
2010.....	10,675 (216.4)	8,140 (116.5)	2,279 (55.7)	4,282 (79.2)	5,830 (94.9)	3,272 (68.0)	27.4 (0.52)	26.0 (0.28)	24.2 (0.49)	39.2 (0.52)	41.0 (0.46)	53.4 (0.71)
2011.....	10,929 (218.4)	8,334 (118.2)	2,334 (56.4)	4,247 (78.8)	5,980 (96.4)	3,331 (68.7)	27.6 (0.52)	26.2 (0.27)	24.2 (0.49)	38.6 (0.52)	42.3 (0.46)	54.2 (0.71)
<b>Hispanic</b>												
1975.....	2,991 (176.8)	2,755 (90.2)	627 (41.3)	1,619 (67.7)	1,053 (54.0)	694 (43.5)	26.9 (1.41)	26.3 (0.70)	25.1 (1.41)	33.1 (1.09)	57.2 (1.88)	68.4 (2.37)
1980.....	3,491 (189.8)	3,143 (97.0)	751 (45.3)	1,718 (69.8)	1,319 (60.7)	809 (47.1)	25.7 (1.26)	25.1 (0.63)	23.2 (1.21)	33.0 (1.06)	54.5 (1.65)	65.0 (2.20)
1985.....	5,236 (202.8)	4,605 (107.7)	1,074 (48.7)	2,512 (76.6)	1,983 (67.4)	1,247 (52.7)	29.0 (1.01)	28.3 (0.51)	25.5 (0.98)	39.6 (0.89)	55.7 (1.21)	72.4 (1.57)
1990.....	6,006 (222.4)	5,091 (118.2)	1,244 (54.4)	2,750 (83.3)	2,115 (72.2)	1,314 (56.0)	28.1 (0.95)	26.9 (0.48)	25.0 (0.92)	37.7 (0.85)	53.0 (1.19)	68.4 (1.60)
1995.....	8,574 (256.1)	7,341 (147.3)	1,695 (64.1)	3,938 (101.9)	3,053 (88.3)	1,872 (67.6)	30.3 (0.85)	29.2 (0.43)	27.0 (0.84)	39.3 (0.73)	52.8 (0.99)	65.7 (1.34)
1996.....	8,697 (250.2)	7,515 (155.3)	1,748 (67.7)	4,090 (108.1)	3,020 (91.1)	1,779 (68.3)	29.4 (0.85)	28.5 (0.43)	26.4 (0.85)	39.9 (0.76)	53.5 (1.04)	67.4 (1.43)
1997.....	8,308 (246.9)	7,198 (151.2)	1,721 (67.1)	3,865 (104.7)	2,911 (89.3)	1,758 (67.9)	27.1 (0.82)	26.2 (0.41)	24.7 (0.81)	36.4 (0.73)	50.9 (1.03)	62.8 (1.43)
1998.....	8,070 (248.5)	6,814 (146.2)	1,648 (65.6)	3,670 (101.7)	2,837 (88.0)	1,739 (67.5)	25.6 (0.79)	24.3 (0.40)	22.7 (0.77)	33.6 (0.71)	46.7 (1.00)	59.6 (1.42)
1999.....	7,876 (247.8)	6,702 (144.7)	1,525 (62.9)	3,561 (99.9)	2,642 (84.6)	1,471 (61.7)	22.7 (0.72)	21.7 (0.37)	20.2 (0.72)	29.9 (0.66)	40.5 (0.95)	52.4 (1.47)
2000.....	7,747 (247.8)	6,430 (141.1)	1,431 (60.9)	3,342 (96.4)	2,444 (81.1)	1,303 (57.9)	21.5 (0.70)	20.3 (0.35)	18.5 (0.69)	27.6 (0.63)	37.8 (0.94)	48.3 (1.50)
2001.....	7,997 (251.7)	6,674 (144.4)	1,649 (65.6)	3,433 (97.9)	2,585 (83.6)	1,508 (62.6)	21.4 (0.68)	20.2 (0.35)	19.4 (0.67)	27.4 (0.62)	37.8 (0.92)	49.3 (1.41)
2002.....	8,555 (186.7)	7,184 (107.8)	1,792 (48.9)	3,653 (72.4)	2,554 (59.3)	1,501 (44.5)	21.8 (0.48)	20.8 (0.24)	19.7 (0.46)	28.2 (0.44)	36.4 (0.64)	47.9 (0.99)
2003.....	9,051 (192.6)	7,637 (111.9)	1,925 (50.8)	3,982 (76.0)	2,861 (63.1)	1,727 (48.0)	22.5 (0.48)	21.5 (0.24)	20.8 (0.47)	29.5 (0.44)	38.4 (0.63)	50.6 (0.95)
2004.....	9,122 (193.1)	7,705 (112.5)	1,958 (51.3)	3,985 (76.0)	3,072 (65.6)	1,837 (49.6)	21.9 (0.47)	21.1 (0.24)	20.5 (0.46)	28.6 (0.43)	39.3 (0.62)	51.9 (0.94)

See notes at end of table.



**Table 26. Poverty status of all persons, persons in families, and related children under age 18, by race/ethnicity: Selected years, 1960 through 2011—Continued**  
 [Standard errors appear in parentheses]

Year and race/ethnicity	Number below the poverty level (in thousands)						Percent below the poverty level					
	All persons	In all families			In families with female householder, no husband present		All persons	In all families			In families with female householder, no husband present	
		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>		Total	Householder <sup>1</sup>	Related children under 18 <sup>2</sup>	Total	Related children under 18 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
2005.....	9,368 (196.0)	7,767 (113.1)	1,948 (51.2)	3,977 (75.9)	3,069 (65.6)	1,774 (48.7)	21.8 (0.46)	20.6 (0.23)	19.7 (0.45)	27.7 (0.42)	39.0 (0.61)	50.2 (0.94)
2006.....	9,243 (195.7)	7,650 (112.0)	1,922 (50.8)	3,959 (75.7)	3,189 (67.0)	1,848 (49.7)	20.6 (0.44)	19.5 (0.22)	18.9 (0.43)	26.6 (0.40)	36.9 (0.58)	47.2 (0.89)
2007.....	9,890 (202.5)	8,248 (117.4)	2,045 (52.5)	4,348 (79.9)	3,527 (70.9)	2,092 (53.2)	21.5 (0.44)	20.6 (0.23)	19.7 (0.44)	28.3 (0.41)	39.6 (0.58)	51.6 (0.88)
2008.....	10,987 (211.3)	9,303 (126.7)	2,239 (55.2)	4,888 (85.5)	3,751 (73.4)	2,218 (54.9)	23.2 (0.45)	22.3 (0.23)	21.3 (0.45)	30.3 (0.40)	40.5 (0.57)	51.9 (0.85)
2009.....	12,350 (220.8)	10,345 (135.7)	2,369 (56.9)	5,419 (90.9)	4,176 (78.1)	2,437 (57.8)	25.3 (0.45)	24.2 (0.23)	22.7 (0.46)	32.5 (0.40)	40.6 (0.54)	52.2 (0.82)
2010.....	13,243 (226.6)	11,188 (142.9)	2,557 (59.3)	5,881 (95.4)	4,643 (83.0)	2,715 (61.3)	26.6 (0.46)	25.6 (0.23)	24.0 (0.46)	34.5 (0.41)	44.5 (0.54)	57.0 (0.80)
2011.....	13,244 (226.6)	11,143 (142.5)	2,651 (60.5)	5,820 (94.8)	4,996 (86.6)	2,955 (64.2)	25.3 (0.44)	24.3 (0.22)	22.9 (0.44)	33.7 (0.40)	44.0 (0.52)	56.8 (0.77)
<b>Asian<sup>3</sup></b>												
1990 <sup>5</sup> .....	858 (88.9)	712 (40.7)	— (†)	356 (28.6)	132 (17.3)	— (†)	12.2 (1.21)	11.3 (0.60)	— (†)	17.0 (1.23)	20.7 (2.41)	— (†)
1995 <sup>5</sup> .....	1,411 (112.3)	1,112 (51.3)	— (†)	532 (35.1)	266 (24.7)	— (†)	14.6 (1.11)	13.0 (0.55)	— (†)	18.6 (1.09)	28.9 (2.25)	— (†)
1996 <sup>5</sup> .....	1,454 (118.5)	1,172 (54.9)	— (†)	553 (37.2)	300 (27.3)	— (†)	14.5 (1.13)	13.2 (0.56)	— (†)	19.1 (1.14)	29.5 (2.24)	— (†)
1997 <sup>5</sup> .....	1,468 (119.0)	1,116 (53.5)	244 (24.6)	608 (39.1)	313 (27.9)	— (†)	14.0 (1.09)	12.0 (0.53)	10.2 (0.97)	19.9 (1.13)	33.6 (2.42)	— (†)
1998 <sup>5</sup> .....	1,360 (114.9)	1,087 (52.8)	270 (25.9)	542 (36.8)	373 (30.5)	— (†)	12.5 (1.02)	11.4 (0.51)	11.0 (0.99)	17.5 (1.07)	33.2 (2.20)	— (†)
1999 <sup>5</sup> .....	1,285 (111.9)	1,010 (50.8)	— (†)	367 (30.2)	275 (26.1)	— (†)	10.7 (0.91)	9.6 (0.45)	— (†)	11.5 (0.88)	22.9 (1.90)	— (†)
2000 <sup>5</sup> .....	1,258 (110.8)	895 (47.7)	235 (24.1)	407 (31.8)	289 (26.8)	128 (17.8)	9.9 (0.85)	8.1 (0.41)	8.8 (0.86)	12.5 (0.91)	23.4 (1.89)	32.3 (3.68)
2001 <sup>5</sup> .....	1,275 (111.5)	873 (47.1)	234 (24.1)	353 (29.6)	198 (22.1)	105 (16.1)	10.2 (0.87)	8.1 (0.41)	7.8 (0.77)	11.1 (0.87)	14.8 (1.52)	26.7 (3.49)
2002.....	1,161 (76.0)	763 (31.3)	210 (16.2)	302 (19.5)	155 (13.9)	85 (10.3)	10.1 (0.65)	7.7 (0.30)	7.4 (0.55)	11.4 (0.69)	15.2 (1.25)	29.8 (3.02)
2003.....	1,401 (82.9)	1,017 (36.3)	311 (19.8)	331 (20.4)	242 (17.4)	119 (12.2)	11.8 (0.68)	9.8 (0.33)	10.2 (0.61)	12.1 (0.70)	23.6 (1.48)	37.4 (3.02)
2004.....	1,201 (77.2)	812 (32.3)	232 (17.1)	265 (18.2)	135 (13.0)	55 (8.3)	9.8 (0.62)	7.6 (0.29)	7.4 (0.52)	9.4 (0.61)	13.2 (1.18)	18.7 (2.53)
2005.....	1,402 (83.0)	970 (35.4)	289 (19.1)	312 (19.8)	189 (15.4)	68 (9.2)	11.1 (0.64)	8.9 (0.30)	9.0 (0.56)	11.0 (0.66)	17.8 (1.31)	25.6 (2.99)
2006.....	1,353 (81.7)	912 (34.3)	260 (18.1)	351 (21.0)	187 (15.3)	91 (10.7)	10.3 (0.61)	8.0 (0.28)	7.8 (0.52)	12.0 (0.67)	17.7 (1.31)	36.2 (3.38)
2007.....	1,349 (81.8)	930 (34.7)	261 (18.1)	345 (20.9)	217 (16.5)	100 (11.2)	10.2 (0.60)	8.1 (0.28)	7.9 (0.52)	11.8 (0.67)	17.3 (1.19)	32.3 (2.96)
2008.....	1,576 (88.0)	1,192 (39.4)	341 (20.7)	430 (23.3)	209 (16.2)	88 (10.5)	11.8 (0.64)	10.2 (0.31)	9.8 (0.56)	14.2 (0.71)	16.0 (1.13)	25.0 (2.57)
2009.....	1,746 (92.4)	1,244 (40.3)	337 (20.6)	444 (23.7)	250 (17.7)	90 (10.6)	12.5 (0.64)	10.1 (0.30)	9.4 (0.54)	13.6 (0.67)	18.5 (1.18)	25.6 (2.60)
2010.....	1,729 (92.0)	1,244 (40.3)	329 (20.4)	459 (24.1)	301 (19.5)	132 (12.8)	12.1 (0.63)	10.0 (0.30)	9.3 (0.54)	14.0 (0.68)	22.4 (1.27)	36.9 (2.84)
2011.....	1,973 (97.8)	1,389 (42.7)	401 (22.5)	466 (24.3)	327 (20.3)	147 (13.6)	12.3 (0.60)	9.9 (0.28)	9.7 (0.51)	13.0 (0.63)	20.8 (1.14)	34.5 (2.57)

—Not available.

†Not applicable.

<sup>1</sup>Refers to the person who owns or rents (maintains) the housing unit.

<sup>2</sup>Refers to all children in the household who are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). For 1960 and 1965 only, the data exclude related children who have ever been married.

<sup>3</sup>Includes persons of Hispanic ethnicity.

<sup>4</sup>Excludes persons of Hispanic ethnicity.

<sup>5</sup>Includes Pacific Islanders as well as Asians.

NOTE: Data are from the Current Population Survey and may differ from data shown in other tables obtained from the Decennial Census and the American Community Survey. For information about how the Census Bureau determines who is in poverty, see <http://www.census.gov/hhes/www/poverty/about/overview/measure.html>.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-60, *Poverty in the United States*, selected years, 1960 through 2002; and *Income, Poverty, and Health Insurance Coverage in the United States*, 2003 through 2009; Current Population Survey (CPS), Annual Social and Economic Supplement, retrieved November 13, 2012, from <http://www.census.gov/hhes/www/cpstables/032012/pov/toc.htm>. (This table was prepared November 2012.)

**Table 27. Number and percentage of children under age 18 living in poverty, by family structure and race/ethnicity with selected subgroups: 2006 and 2011**

[Standard errors appear in parentheses]

Year and race/ethnicity	Number of related children <sup>1</sup> living in poverty (in thousands)		Percent of related children <sup>1</sup> living in poverty							
			Total, all families		Married-couple household <sup>2</sup>		Mother-only household, no spouse present <sup>2</sup>		Father-only household, no spouse present <sup>2</sup>	
1	2		3		4		5		6	
2006										
Total.....	12,871	(82.7)	17.9	(0.11)	8.3	(0.08)	42.1	(0.24)	21.2	(0.37)
White .....	4,245	(46.3)	10.3	(0.11)	4.9	(0.08)	32.0	(0.33)	16.0	(0.45)
Black .....	3,634	(38.0)	35.0	(0.32)	11.5	(0.40)	49.6	(0.43)	31.4	(1.09)
Hispanic.....	4,027	(37.6)	27.6	(0.24)	18.3	(0.30)	49.3	(0.43)	25.2	(0.77)
Mexican.....	2,936	(33.7)	29.2	(0.29)	21.2	(0.37)	51.2	(0.54)	26.4	(0.95)
Puerto Rican .....	398	(13.1)	31.5	(0.83)	10.6	(0.96)	52.3	(1.11)	28.5	(3.20)
Cuban .....	45	(4.1)	14.8	(1.26)	6.3	(1.13)	37.3	(3.06)	12.5	(3.58)
Dominican.....	113	(6.0)	31.6	(1.50)	12.0	(1.57)	49.8	(2.31)	23.1	(4.85)
Salvadoran.....	82	(6.1)	21.5	(1.34)	14.4	(1.79)	39.1	(2.64)	19.9	(3.42)
Other Central American .....	130	(8.7)	25.0	(1.52)	15.4	(1.54)	45.9	(2.52)	21.8	(3.86)
South American .....	76	(6.5)	13.5	(1.07)	7.8	(0.96)	32.1	(2.72)	14.8	(3.70)
Other Hispanic or Latino .....	248	(9.5)	21.8	(0.75)	10.6	(0.75)	43.7	(1.48)	23.6	(2.56)
Asian.....	318	(12.7)	11.3	(0.43)	9.0	(0.41)	28.5	(1.69)	13.2	(1.40)
Asian Indian .....	50	(4.1)	8.7	(0.65)	7.4	(0.66)	30.0	(4.97)	9.1 !	(3.25)
Chinese <sup>3</sup> .....	68	(4.7)	10.7	(0.69)	8.3	(0.67)	29.4	(3.16)	13.2	(3.11)
Filipino .....	22	(2.3)	5.1	(0.52)	2.5	(0.47)	16.3	(2.71)	10.6 !	(3.25)
Japanese .....	3	(0.8)	3.5	(0.91)	1.9 !	(0.80)	8.5 !	(3.41)	22.7 !	(10.77)
Korean .....	31	(2.9)	11.3	(0.97)	9.1	(0.96)	35.9	(5.01)	6.6 !	(3.22)
Vietnamese.....	55	(4.9)	16.2	(1.29)	13.2	(1.34)	30.3	(3.96)	19.1	(4.08)
Other Asian .....	89	(8.0)	19.4	(1.57)	16.7	(1.67)	37.9	(4.44)	14.4	(3.03)
Native Hawaiian/Pacific Islander.....	24	(3.1)	23.3	(2.70)	20.3	(3.46)	33.2	(6.30)	20.5 !	(6.69)
American Indian/Alaska Native.....	196	(8.5)	35.1	(1.31)	19.6	(1.51)	52.7	(2.00)	41.2	(3.83)
Two or more races .....	378	(11.6)	18.8	(0.51)	6.0	(0.42)	40.4	(1.08)	20.2	(1.96)
White and Black .....	206	(9.3)	26.8	(1.08)	8.6	(1.15)	42.5	(1.57)	24.4	(3.91)
White and Asian.....	30	(2.3)	6.0	(0.43)	2.7	(0.41)	25.5	(2.40)	10.3	(2.98)
White and American Indian/Alaska Native.....	57	(3.4)	18.6	(1.02)	8.8	(0.94)	42.2	(2.54)	20.0	(3.63)
Other two or more races .....	84	(5.2)	19.5	(1.01)	6.0	(0.79)	40.5	(2.03)	20.4	(3.88)
2011										
Total.....	15,947	(97.0)	22.0	(0.13)	11.2	(0.11)	45.3	(0.25)	27.1	(0.32)
White .....	5,013	(46.4)	13.0	(0.12)	6.8	(0.10)	35.5	(0.33)	20.3	(0.43)
Black .....	3,859	(36.7)	38.7	(0.32)	15.1	(0.48)	52.0	(0.41)	36.0	(0.96)
Hispanic.....	5,741	(47.8)	33.7	(0.28)	23.3	(0.32)	51.8	(0.43)	34.4	(0.78)
Mexican.....	4,221	(41.2)	35.4	(0.33)	26.4	(0.38)	53.3	(0.53)	35.4	(0.92)
Puerto Rican .....	568	(13.0)	36.3	(0.75)	14.0	(0.92)	55.1	(1.21)	37.1	(2.77)
Cuban .....	86	(5.8)	22.4	(1.43)	13.0	(1.34)	42.3	(2.94)	25.0	(4.04)
Dominican.....	164	(7.2)	37.2	(1.35)	18.8	(1.74)	52.4	(2.06)	26.4	(4.17)
Salvadoran.....	168	(8.8)	29.5	(1.39)	20.4	(1.64)	46.8	(2.47)	26.4	(4.14)
Other Central American .....	244	(11.2)	33.9	(1.21)	22.2	(1.51)	49.5	(2.15)	43.6	(3.79)
South American .....	117	(5.7)	15.9	(0.77)	10.2	(0.79)	29.9	(2.02)	22.2	(3.95)
Other Hispanic or Latino .....	171	(8.6)	24.1	(1.04)	12.1	(1.13)	44.7	(1.74)	27.5	(3.79)
Asian.....	392	(11.3)	12.5	(0.35)	9.4	(0.39)	30.7	(1.28)	22.3	(2.09)
Asian Indian .....	48	(3.6)	6.7	(0.50)	5.9	(0.50)	22.7	(3.77)	12.2 !	(4.08)
Chinese <sup>3</sup> .....	68	(4.0)	10.1	(0.60)	7.6	(0.52)	26.4	(2.44)	22.9	(4.77)
Filipino .....	29	(3.2)	6.8	(0.74)	3.9	(0.72)	18.8	(2.53)	8.8 !	(2.69)
Japanese .....	6	(1.2)	7.5	(1.45)	3.8	(0.94)	31.8 !	(10.93)	±	(†)
Korean .....	31	(2.9)	12.0	(1.06)	8.7	(1.09)	37.8	(4.51)	23.0 !	(8.20)
Vietnamese.....	67	(3.7)	17.0	(0.88)	12.5	(0.95)	36.2	(3.29)	21.5	(4.62)
Other Asian .....	144	(8.0)	24.1	(1.18)	19.9	(1.40)	40.3	(2.93)	32.8	(4.79)
Native Hawaiian/Pacific Islander.....	39	(4.0)	30.2	(2.63)	26.5	(3.20)	45.6	(5.45)	18.9 !	(7.23)
American Indian/Alaska Native.....	200	(5.8)	35.7	(0.95)	19.5	(1.30)	51.9	(1.40)	38.9	(2.54)
Two or more races .....	653	(16.5)	22.3	(0.51)	9.2	(0.45)	43.6	(0.98)	25.3	(1.89)
White and Black .....	375	(12.4)	31.1	(0.82)	11.7	(0.89)	46.5	(1.21)	32.7	(3.10)
White and Asian.....	70	(5.2)	9.1	(0.68)	6.1	(0.64)	29.1	(2.94)	8.0	(1.78)
White and American Indian/Alaska Native.....	81	(4.8)	21.8	(1.24)	10.4	(0.89)	44.1	(2.64)	25.3	(3.21)
Other two or more races .....	127	(7.0)	21.7	(0.99)	10.3	(0.95)	41.3	(2.08)	20.4	(3.29)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Related children in a family include all children in the household who are related to the householder by birth, marriage, or adoption (except a child who is the spouse of the householder). The householder is the person (or one of the people) who owns or rents (maintains) the housing unit. This table includes only children related to the householder. It excludes unrelated children and householders who are themselves under the age of 18.

<sup>2</sup>To determine family structure, children are classified by their parents' marital status or, if no parents are present in the household, by the marital status of the householder who is related

to the children. Mother-only households are those that have only a female householder, and father-only households are those that have only a male householder.

<sup>3</sup>Excludes Taiwanese. Taiwanese is included in "Other Asian."

NOTE: Data may differ from Current Population Survey data that are shown in other tables. American Community Survey respondents were interviewed throughout the given year and reported the income they received during the previous 12 months. For information about how the Census Bureau determines who is in poverty, see <http://www.census.gov/hhes/www/poverty/about/overview/measure.html>. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2006 and 2011. (This table was prepared February 2013.)

**Table 28. Expenditures of educational institutions related to the gross domestic product, by level of institution: Selected years, 1929–30 through 2011–12**

Year	Gross domestic product (GDP) (in billions of current dollars)	School year	Expenditures for education in current dollars					
			All educational institutions		All elementary and secondary schools		All postsecondary degree-granting institutions	
			Amount (in millions)	As a percent of GDP	Amount (in millions)	As a percent of GDP	Amount (in millions)	As a percent of GDP
1	2	3	4	5	6	7	8	9
1929.....	\$103.6	1929–30	—	—	—	—	\$632	0.6
1939.....	92.2	1939–40	—	—	—	—	758	0.8
1949.....	267.2	1949–50	\$8,494	3.2	\$6,249	2.3	2,246	0.8
1959.....	506.6	1959–60	22,314	4.4	16,713	3.3	5,601	1.1
1961.....	544.8	1961–62	26,828	4.9	19,673	3.6	7,155	1.3
1963.....	617.8	1963–64	32,003	5.2	22,825	3.7	9,178	1.5
1965.....	719.1	1965–66	40,558	5.6	28,048	3.9	12,509	1.7
1967.....	832.4	1967–68	51,558	6.2	35,077	4.2	16,481	2.0
1969.....	984.4	1969–70	64,227	6.5	43,183	4.4	21,043	2.1
1970.....	1,038.3	1970–71	71,575	6.9	48,200	4.6	23,375	2.3
1971.....	1,126.8	1971–72	76,510	6.8	50,950	4.5	25,560	2.3
1972.....	1,237.9	1972–73	82,908	6.7	54,952	4.4	27,956	2.3
1973.....	1,382.3	1973–74	91,084	6.6	60,370	4.4	30,714	2.2
1974.....	1,499.5	1974–75	103,903	6.9	68,846	4.6	35,058	2.3
1975.....	1,637.7	1975–76	114,004	7.0	75,101	4.6	38,903	2.4
1976.....	1,824.6	1976–77	121,793	6.7	79,194	4.3	42,600	2.3
1977.....	2,030.1	1977–78	132,515	6.5	86,544	4.3	45,971	2.3
1978.....	2,293.8	1978–79	143,733	6.3	93,012	4.1	50,721	2.2
1979.....	2,562.2	1979–80	160,075	6.2	103,162	4.0	56,914	2.2
1980.....	2,788.1	1980–81	176,378	6.3	112,325	4.0	64,053	2.3
1981.....	3,126.8	1981–82	190,825	6.1	120,486	3.9	70,339	2.2
1982.....	3,253.2	1982–83	204,661	6.3	128,725	4.0	75,936	2.3
1983.....	3,534.6	1983–84	220,993	6.3	139,000	3.9	81,993	2.3
1984.....	3,930.9	1984–85	239,351	6.1	149,400	3.8	89,951	2.3
1985.....	4,217.5	1985–86	259,336	6.1	161,800	3.8	97,536	2.3
1986.....	4,460.1	1986–87	280,964	6.3	175,200	3.9	105,764	2.4
1987.....	4,736.4	1987–88	301,785	6.4	187,999	4.0	113,786	2.4
1988.....	5,100.4	1988–89	333,245	6.5	209,377	4.1	123,867	2.4
1989.....	5,482.1	1989–90	365,825	6.7	231,170	4.2	134,656	2.5
1990.....	5,800.5	1990–91	395,318	6.8	249,230	4.3	146,088	2.5
1991.....	5,992.1	1991–92	417,944	7.0	261,755	4.4	156,189	2.6
1992.....	6,342.3	1992–93	439,676	6.9	274,435	4.3	165,241	2.6
1993.....	6,667.4	1993–94	460,757	6.9	287,407	4.3	173,351	2.6
1994.....	7,085.2	1994–95	485,169	6.8	302,200	4.3	182,969	2.6
1995.....	7,414.7	1995–96	508,523	6.9	318,046	4.3	190,476	2.6
1996.....	7,838.5	1996–97	538,854	6.9	338,951	4.3	199,903	2.6
1997.....	8,332.4	1997–98	570,471	6.8	361,615	4.3	208,856	2.5
1998.....	8,793.5	1998–99	603,847	6.9	384,638	4.4	219,209	2.5
1999.....	9,353.5	1999–2000	649,322	6.9	412,538	4.4	236,784	2.5
2000.....	9,951.5	2000–01	705,017	7.1	444,811	4.5	260,206	2.6
2001.....	10,286.2	2001–02	752,780	7.3	472,064	4.6	280,715	2.7
2002.....	10,642.3	2002–03	795,691	7.5	492,807	4.6	302,884	2.8
2003.....	11,142.2	2003–04	830,293	7.5	513,542	4.6	316,751	2.8
2004.....	11,853.3	2004–05	875,988	7.4	540,969	4.6	335,019	2.8
2005.....	12,623.0	2005–06	925,246	7.3	571,669	4.5	353,577	2.8
2006.....	13,377.2	2006–07	984,034	7.4	608,495	4.5	375,539	2.8
2007.....	14,028.7	2007–08	1,054,904	7.5	646,414	4.6	408,490	2.9
2008.....	14,291.5	2008–09	1,089,670	7.6	658,926	4.6	430,744	3.0
2009.....	13,973.7	2009–10	1,101,119	7.9	654,636	4.7	446,483	3.2
2010.....	14,498.9	2010–11 <sup>1</sup>	1,153,000	8.0	681,000	4.7	471,000	3.2
2011.....	15,075.7	2011–12 <sup>2</sup>	1,183,000	7.8	700,000	4.6	483,000	3.2

—Not available.

<sup>1</sup>Data for elementary and secondary education are estimated; data for degree-granting institutions are actual.<sup>2</sup>Estimated.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Expenditures for colleges and universities in 1929–30 and 1939–40 include current-fund expenditures and additions to plant value. Public and private degree-granting institutions data for 1949–50 through 1995–96 are for current-fund expenditures. Data for private degree-granting institutions for 1996–97 and later years are for total expenditures. Data for public degree-granting institutions for 1996–97 through 2000–01 are for current expenditures; data for later years are for total expenditures. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is

very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States, 1929–30 through 1949–50; Statistics of State School Systems, 1959–60 through 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10; Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Finance Survey" (IPEDS-F:FY87–99); and IPEDS Spring 2001 through Spring 2012, Finance component. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts Tables, retrieved January 10, 2013, from [http://www.bea.gov/table/index\\_nipa.cfm](http://www.bea.gov/table/index_nipa.cfm). (This table was prepared January 2013.)*

**Table 29. Expenditures of educational institutions, by level and control of institution: Selected years, 1899–1900 through 2011–12**  
[In millions]

School year	Current dollars							Constant 2011–12 dollars <sup>1</sup>			
	Total	Elementary and secondary schools			Postsecondary degree-granting institutions			Total	Elementary and secondary schools		Postsecondary degree-granting institutions
		Total	Public	Private <sup>2</sup>	Total	Public	Private		Total	Public	
1	2	3	4	5	6	7	8	9	10	11	12
1899–1900.....	—	—	\$215	—	—	—	—	—	—	—	—
1909–10.....	—	—	426	—	—	—	—	—	—	—	—
1919–20.....	—	—	1,036	—	—	—	—	—	—	\$12,372	—
1929–30.....	—	—	2,317	—	\$632	\$292	\$341	—	—	30,801	\$8,406
1939–40.....	—	—	2,344	—	758	392	367	—	—	38,170	12,350
1949–50.....	\$8,494	\$6,249	5,838	\$411	2,246	1,154	1,092	\$81,620	\$60,042	56,093	21,578
1959–60.....	22,314	16,713	15,613	1,100	5,601	3,131	2,470	172,817	129,441	120,921	43,377
1969–70.....	64,227	43,183	40,683	2,500	21,043	13,250	7,794	386,915	260,147	245,086	126,768
1970–71.....	71,575	48,200	45,500	2,700	23,375	14,996	8,379	410,018	276,113	260,646	133,905
1971–72.....	76,510	50,950	48,050	2,900	25,560	16,484	9,075	423,110	281,762	265,724	141,348
1972–73.....	82,908	54,952	51,852	3,100	27,956	18,204	9,752	440,734	292,123	275,644	148,611
1973–74.....	91,084	60,370	56,970	3,400	30,714	20,336	10,377	444,558	294,653	278,058	149,905
1974–75.....	103,903	68,846	64,846	4,000	35,058	23,490	11,568	456,533	302,497	284,921	154,037
1975–76.....	114,004	75,101	70,601	4,500	38,903	26,184	12,719	467,800	308,166	289,701	159,634
1976–77.....	121,793	79,194	74,194	5,000	42,600	28,635	13,965	472,227	307,056	287,669	165,171
1977–78.....	132,515	86,544	80,844	5,700	45,971	30,725	15,246	481,468	314,442	293,733	167,026
1978–79.....	143,733	93,012	86,712	6,300	50,721	33,733	16,988	477,496	308,995	288,066	168,501
1979–80.....	160,075	103,162	95,962	7,200	56,914	37,768	19,146	469,227	302,397	281,291	166,830
1980–81.....	176,378	112,325	104,125	8,200	64,053	42,280	21,773	463,347	295,079	273,538	168,268
1981–82.....	190,825	120,486	111,186	9,300	70,339	46,219	24,120	461,440	291,350	268,862	170,090
1982–83.....	204,661	128,725	118,425	10,300	75,936	49,573	26,363	474,515	298,454	274,573	176,060
1983–84.....	220,993	139,000	127,500	11,500	81,993	53,087	28,907	494,094	310,774	285,063	183,320
1984–85.....	239,351	149,400	137,000	12,400	89,951	58,315	31,637	514,981	321,444	294,765	193,536
1985–86.....	259,336	161,800	148,600	13,200	97,536	63,194	34,342	542,339	338,366	310,762	203,973
1986–87.....	280,964	175,200	160,900	14,300	105,764	67,654	38,110	574,807	358,431	329,176	216,375
1987–88.....	301,785	187,999	172,699	15,300	113,786	72,641	41,145	592,842	369,313	339,257	223,529
1988–89.....	333,245	209,377	192,977	16,400	123,867	78,946	44,922	625,741	393,153	362,358	232,588
1989–90.....	365,825	231,170	212,770	18,400	134,656	85,771	48,885	655,633	414,303	381,326	241,330
1990–91.....	395,318	249,230	229,430	19,800	146,088	92,961	53,127	671,763	423,516	389,870	248,247
1991–92.....	417,944	261,755	241,055	20,700	156,189	98,847	57,342	688,161	430,990	396,906	257,172
1992–93.....	439,676	274,435	252,935	21,500	165,241	104,570	60,671	702,016	438,181	403,853	263,835
1993–94.....	460,757	287,407	265,307	22,100	173,351	109,310	64,041	717,100	447,306	412,910	269,794
1994–95.....	485,169	302,200	279,000	23,200	182,969	115,465	67,504	734,053	457,224	422,123	276,829
1995–96.....	508,523	318,046	293,646	24,400	190,476	119,525	70,952	749,009	468,455	442,516	280,555
1996–97.....	538,854	338,951	313,151	25,800	199,903 <sup>2</sup>	125,978	73,925 <sup>2</sup>	771,668	485,397	448,450	286,272 <sup>2</sup>
1997–98.....	570,471	361,615	334,315	27,300	208,856 <sup>2</sup>	132,846	76,010 <sup>2</sup>	802,632	508,779	470,369	293,853 <sup>2</sup>
1998–99.....	603,847	384,638	355,838	28,800	219,209	140,539	78,670	835,133	531,962	492,131	303,170
1999–2000.....	649,322	412,538	381,838	30,700	236,784	152,325	84,459	872,829	554,540	513,273	318,289
2000–01.....	705,017	444,811	410,811	34,000	260,206	170,345	89,861	916,302	578,116	533,926	338,186
2001–02.....	752,780	472,064	435,364	36,700	280,715	183,436	97,280	961,358	602,863	555,994	358,495
2002–03.....	795,691	492,807	454,907	37,900	302,884	197,026	105,858	994,308	615,819	568,459	378,489
2003–04.....	830,293	513,542	474,242	39,300	316,751	205,069	111,682	1,015,334	627,991	579,932	387,343
2004–05.....	875,988	540,969	499,569	41,400	335,019	215,794	119,225	1,039,919	642,205	593,057	397,714
2005–06.....	925,246	571,669	528,269	43,400	353,577	226,550	127,027	1,058,101	653,754	604,122	404,347
2006–07.....	984,034	608,495	562,195	46,300	375,539	238,829	136,710	1,096,962	678,326	626,713	418,636
2007–08.....	1,054,904	646,414	597,314	49,100	408,490	261,046	147,444	1,133,949	694,850	642,071	439,098
2008–09.....	1,089,670	658,926	610,326	48,600	430,744	273,030	157,714	1,155,190	698,546	647,024	456,644
2009–10.....	1,101,119	654,636	607,236	47,400	446,483	281,368	165,115	1,156,141	687,347	637,578	468,794
2010–11 <sup>3</sup> .....	1,153,000	681,000	631,000	51,000	471,000	296,000	175,000	1,187,000	701,000	649,000	485,000
2011–12 <sup>2</sup> .....	1,183,000	700,000	650,000	50,000	483,000	304,000	179,000	1,183,000	700,000	650,000	483,000

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.<sup>2</sup>Estimated.<sup>3</sup>Data for elementary and secondary education are estimated; data for degree-granting institutions are actual.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Expenditures for public and private colleges and universities in 1929–30 and 1939–40 include current-fund expenditures and additions to plant value. Public and private degree-granting institutions data for 1949–50 through 1995–96 are for current-fund expenditures. Data for private degree-granting institutions for 1996–97 and later years are for total expenditures. Data for public degree-granting institutions for 1996–97 through 2000–01 are for current expenditures; data for later years are for total expenditures. Postsecondary data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions.

Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education, 1899–1900 and 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of State School Systems, 1959–60 and 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1970–71 through 1986–87; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10; Higher Education General Information Survey (HEGIS), Financial Statistics of Institutions of Higher Education, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Finance Survey," (IPEDS-F:FY87–99); IPEDS Spring 2001 through Spring 2012, Finance component; and unpublished tabulations. (This table was prepared January 2013.)*

**Table 30. Amount and percentage distribution of direct general expenditures of state and local governments, by function: Selected years, 1970–71 through 2009–10**

Function	1970–71	1980–81	1990–91	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Amount (in millions of current dollars)														
<b>Total direct general expenditures</b> .....	<b>\$150,674</b>	<b>\$407,449</b>	<b>\$908,108</b>	<b>\$1,502,768</b>	<b>\$1,621,757</b>	<b>\$1,732,478</b>	<b>\$1,817,513</b>	<b>\$1,903,915</b>	<b>\$2,007,490</b>	<b>\$2,116,464</b>	<b>\$2,258,229</b>	<b>\$2,400,204</b>	<b>\$2,496,365</b>	<b>\$2,538,114</b>
Education and libraries .....	60,174	147,649	313,744	528,767	571,374	602,954	630,246	664,471	698,106	739,410	785,162	837,675	864,154	871,989
Social services and income maintenance .....	30,376	92,555	214,919	365,226	396,086	433,685	467,625	502,788	536,376	551,721	582,852	618,353	658,547	687,010
Public welfare .....	18,226	54,121	130,402	233,350	257,380	281,176	306,463	335,977	360,730	367,395	384,769	404,624	431,942	456,708
Hospitals and health .....	11,205	36,101	81,110	127,342	134,010	147,065	154,878	160,943	170,193	178,777	193,072	208,557	221,103	224,352
Social insurance administration .....	945	2,276	3,250	4,178	4,359	5,082	5,267	4,364	4,265	4,556	3,981	4,089	4,570	5,157
Veterans' services .....	†	57	157	357	337	361	1,017	1,504	1,189	992	1,031	1,083	933	794
Transportation .....	19,819	39,231	75,410	118,974	130,422	136,824	142,255	141,070	149,626 <sup>1</sup>	160,460 <sup>1</sup>	170,976 <sup>1</sup>	181,322 <sup>1</sup>	184,123 <sup>1</sup>	186,007 <sup>1</sup>
Public safety .....	9,416	31,233	79,932	137,809	146,544	156,702	162,279	166,899	176,758	187,929	203,259	217,201	226,023	225,344
Police and fire protection .....	7,531	21,283	46,568	79,900	84,554	90,456	95,215	99,079	104,961	111,971	120,916	129,360	136,411	138,123
Correction .....	1,885	7,393	27,356	48,805	52,370	54,615	55,471	56,326	59,102	62,645	68,092	72,904	74,789	72,939
Protective inspection and regulation .....	†	2,557	6,008	9,104	9,620	11,631	11,593	11,494	12,694	13,312	14,250	14,937	14,824	14,282
Environment and housing .....	11,832	35,223	76,167	117,123	124,203	134,033	141,571	146,276	153,398	163,867	179,196	191,972	197,007	198,545
Natural resources, parks, and recreation .....	5,191	13,239	28,505	45,272	50,082	52,101	54,573	53,748	55,444	59,939	66,243	70,562	72,088	69,391
Housing and community development .....	2,554	7,086	16,648	26,590	27,402	31,623	35,275	37,236	40,014	42,014	45,937	50,974	49,239	53,492
Sewerage and sanitation .....	4,087	14,898	31,014	45,261	46,718	50,309	51,723	55,292	57,940	61,914	67,016	70,436	75,680	75,662
Governmental administration .....	6,703	20,001	48,461	81,659	85,910	92,779	98,658	100,067	105,546	110,407	119,396	126,997	128,369	126,847
Financial administration .....	2,271	7,230	16,995	29,300	30,007	32,660	34,911	34,675	36,695	37,666	39,631	40,995	40,183	39,978
General control <sup>2</sup> .....	4,432	12,771	31,466	52,360	55,903	60,119	63,747	65,392	68,851	72,741	79,765	86,003	88,186	86,869
Interest on general debt .....	5,089	17,131	52,234	69,814	73,836	75,287	77,277	81,812	81,122	86,001	93,586	100,055	104,521	105,721
Other direct general expenditures, not elsewhere classified .....	7,265	24,426	47,242	83,395	93,382	100,215	97,602	100,533	106,559	116,670	123,802	126,630	133,622	136,650
Percentage distribution														
<b>Total direct general expenditures</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Education and libraries .....	39.9	36.2	34.5	35.2	35.2	34.8	34.7	34.9	34.8	34.9	34.8	34.9	34.6	34.4
Social services and income maintenance .....	20.2	22.7	23.7	24.3	24.4	25.0	25.7	26.4	26.7	26.1	25.8	25.8	26.4	27.1
Public welfare .....	12.1	13.3	14.4	15.5	15.9	16.2	16.9	17.6	18.0	17.4	17.0	16.9	17.3	18.0
Hospitals and health .....	7.4	8.9	8.9	8.5	8.3	8.5	8.5	8.5	8.5	8.4	8.5	8.7	8.9	8.8
Social insurance administration .....	0.6	0.6	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Veterans' services .....	†	#	#	#	#	#	0.1	0.1	0.1	#	#	#	#	#
Transportation .....	13.2	9.6	8.3	7.9	8.0	7.9	7.8	7.4	7.5 <sup>1</sup>	7.6 <sup>1</sup>	7.6 <sup>1</sup>	7.6 <sup>1</sup>	7.4 <sup>1</sup>	7.3 <sup>1</sup>
Public safety .....	6.2	7.7	8.8	9.2	9.0	9.0	8.9	8.8	8.8	8.9	9.0	9.0	9.1	8.9
Police and fire protection .....	5.0	5.2	5.1	5.3	5.2	5.2	5.2	5.2	5.2	5.3	5.4	5.4	5.5	5.4
Correction .....	1.3	1.8	3.0	3.2	3.2	3.2	3.1	3.0	2.9	3.0	3.0	3.0	3.0	2.9
Protective inspection and regulation .....	†	0.6	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Environment and housing .....	7.9	8.6	8.4	7.8	7.7	7.7	7.8	7.7	7.6	7.7	7.9	8.0	7.9	7.8
Natural resources, parks, and recreation .....	3.4	3.2	3.1	3.0	3.1	3.0	3.0	2.8	2.8	2.8	2.9	2.9	2.9	2.7
Housing and community development .....	1.7	1.7	1.8	1.8	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.1
Sewerage and sanitation .....	2.7	3.7	3.4	3.0	2.9	2.9	2.8	2.9	2.9	2.9	3.0	2.9	3.0	3.0
Governmental administration .....	4.4	4.9	5.3	5.4	5.3	5.4	5.4	5.3	5.3	5.2	5.3	5.3	5.1	5.0
Financial administration .....	1.5	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.7	1.6	1.6
General control <sup>2</sup> .....	2.9	3.1	3.5	3.5	3.4	3.5	3.5	3.4	3.4	3.4	3.5	3.6	3.5	3.4
Interest on general debt .....	3.4	4.2	5.8	4.6	4.6	4.3	4.3	4.3	4.0	4.1	4.1	4.2	4.2	4.2
Other direct general expenditures, not elsewhere classified .....	4.8	6.0	5.2	5.5	5.8	5.8	5.4	5.3	5.3	5.5	5.5	5.3	5.4	5.4

†Not applicable.

#Rounds to zero.

<sup>1</sup>No longer includes transit subsidies.<sup>2</sup>Includes judicial and legal expenditures and expenditures on general public buildings and other governmental administration.

NOTE: Excludes monies paid by states to the federal government. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances. Retrieved October 11, 2012, from <http://www.census.gov/govs/estimate/>. (This table was prepared October 2012.)

**Table 31. Direct general expenditures of state and local governments for all functions and for education, by level of education and state: 2008–09 and 2009–10**

[In millions of current dollars. Standard errors appear in parentheses]

State	Direct general expenditures, <sup>1</sup> 2008–09				Direct general expenditures, <sup>1</sup> 2009–10												
					For education												
	Total		For education		Total		Total for education		Elementary and secondary education			Colleges and universities			Other education <sup>2</sup>		
									Total for elementary and secondary	Current expenditure	Capital outlay	Total for colleges and universities	Current expenditure	Capital outlay			
1	2	3	4	5	6	7	8	9	10	11	12						
United States .....	\$2,496,365	(998.5)	\$852,172	(426.1)	\$2,538,114	(1,015.2)	\$859,965	(516.0)	\$574,029	(459.2)	\$513,892	\$60,138	\$242,730	(24.3)	\$211,910	\$30,819	\$43,206
Alabama .....	34,961	(48.9)	13,404	(#)	35,309	(49.4)	13,218	(#)	7,697	(#)	6,912	786	4,751	(#)	4,085	667	770
Alaska .....	13,005	(98.8)	3,188	(1.0)	12,729	(56.0)	3,215	(3.2)	2,373	(3.3)	2,135	238	727	(#)	644	83	114
Arizona .....	44,047	(70.5)	13,998	(#)	43,157	(116.5)	13,435	(#)	8,333	(#)	7,619	714	4,408	(#)	3,779	629	694
Arkansas .....	18,057	(10.8)	7,378	(#)	19,580	(31.3)	7,936	(#)	5,221	(#)	4,626	595	2,305	(#)	2,042	264	409
California .....	342,040	(478.9)	103,990	(10.4)	340,235	(374.3)	102,500	(#)	65,315	(#)	58,168	7,147	32,343	(#)	28,628	3,715	4,843
Colorado .....	38,563	(185.1)	12,751	(#)	40,351	(230.0)	13,181	(#)	8,401	(#)	7,389	1,012	4,326	(#)	3,637	690	455
Connecticut .....	31,894	(134.0)	11,504	(132.3)	31,817	(152.7)	11,302	(149.2)	8,316	(148.9)	7,779	538	2,418	(#)	2,146	272	568
Delaware .....	8,187	(1.6)	2,934	(#)	8,376	(1.7)	2,996	(#)	1,734	(#)	1,541	193	1,027	(#)	918	109	236
District of Columbia .....	10,138	(#)	2,217	(#)	10,781	(#)	2,380	(#)	2,224	(#)	1,898	326	156	(#)	137	19	0
Florida .....	138,394	(235.3)	39,423	(#)	136,642	(205.0)	38,314	(#)	26,541	(#)	23,589	2,952	9,127	(#)	7,960	1,167	2,647
Georgia .....	64,443	(148.2)	25,834	(#)	64,183	(128.4)	24,964	(#)	17,505	(#)	15,691	1,814	5,477	(#)	4,799	677	1,982
Hawaii .....	12,596	(#)	3,557	(#)	12,222	(0.0)	3,255	(#)	2,095	(#)	1,889	206	1,091	(#)	916	175	69
Idaho .....	10,299	(15.4)	3,304	(#)	10,335	(27.9)	3,299	(#)	2,032	(#)	1,897	135	1,103	(#)	932	171	164
Illinois .....	101,896	(173.2)	34,600	(#)	103,498	(165.6)	34,756	(#)	24,499	(#)	22,555	1,944	8,651	(#)	7,932	719	1,606
Indiana .....	44,988	(54.0)	16,165	(#)	45,025	(58.5)	16,552	(#)	10,115	(#)	9,187	927	5,446	(#)	4,764	682	991
Iowa .....	24,978	(87.4)	9,230	(#)	25,590	(69.1)	9,279	(#)	5,630	(#)	4,819	811	3,242	(#)	2,877	365	407
Kansas .....	22,805	(34.2)	8,426	(#)	22,930	(45.9)	8,545	(#)	5,554	(#)	4,372	1,182	2,721	(#)	2,469	252	270
Kentucky .....	30,492	(112.8)	10,719	(75.0)	31,843	(117.8)	11,245	(82.1)	6,601	(81.9)	5,831	770	3,734	(#)	3,261	473	911
Louisiana .....	42,689	(38.4)	12,221	(#)	42,892	(38.6)	12,049	(#)	8,031	(#)	7,265	767	3,169	(#)	2,942	227	848
Maine .....	10,842	(37.9)	3,278	(36.1)	11,054	(17.7)	3,426	(0.7)	2,458	(0.7)	2,317	142	748	(#)	707	41	220
Maryland .....	48,171	(19.3)	17,429	(#)	49,735	(29.8)	18,168	(#)	12,136	(#)	10,956	1,181	5,356	(#)	4,694	663	675
Massachusetts .....	59,316	(361.8)	18,309	(250.8)	59,509	(345.2)	18,120	(257.3)	12,920	(257.1)	12,163	757	4,166	(#)	3,570	596	1,035
Michigan .....	72,871	(80.2)	28,131	(8.4)	73,855	(59.1)	29,074	(#)	17,923	(#)	16,722	1,202	10,097	(#)	8,580	1,518	1,053
Minnesota .....	46,670	(79.3)	15,964	(#)	46,989	(84.6)	15,330	(#)	9,920	(#)	8,970	950	4,375	(#)	3,988	386	1,035
Mississippi .....	23,121	(34.7)	7,416	(#)	23,653	(54.4)	7,497	(#)	4,433	(#)	4,011	422	2,683	(#)	2,344	340	381
Missouri .....	41,258	(70.1)	14,347	(#)	41,823	(121.3)	14,182	(#)	9,757	(#)	8,830	927	3,691	(#)	3,307	384	734
Montana .....	7,424	(4.5)	2,567	(#)	8,033	(7.2)	2,588	(#)	1,611	(#)	1,501	110	813	(#)	746	66	164
Nebraska .....	14,018	(28.0)	5,483	(2.7)	14,621	(39.5)	5,725	(#)	3,629	(#)	3,258	371	1,847	(#)	1,610	237	249
Nevada .....	18,807	(1.9)	5,829	(#)	17,775	(#)	5,554	(#)	4,000	(#)	3,619	381	1,312	(#)	1,169	143	242
New Hampshire .....	9,360	(9.4)	3,486	(#)	9,916	(5.0)	3,576	(#)	2,622	(#)	2,496	126	808	(#)	719	89	147
New Jersey .....	81,636	(122.5)	31,596	(#)	82,713	(74.4)	31,767	(#)	24,721	(#)	23,016	1,706	5,539	(#)	4,870	669	1,507
New Mexico .....	18,821	(30.1)	6,659	(#)	19,461	(27.2)	6,533	(#)	3,748	(#)	3,114	634	2,437	(#)	1,951	486	348
New York .....	222,031	(133.2)	68,935	(13.8)	231,327	(161.9)	70,870	(21.3)	55,807	(16.7)	49,695	6,112	12,975	(#)	10,738	2,237	2,089
North Carolina .....	65,984	(165.0)	23,576	(148.5)	66,129	(158.7)	23,709	(137.5)	13,920	(136.4)	12,701	1,219	8,858	(17.7)	7,846	1,012	930
North Dakota .....	5,423	(5.4)	1,909	(#)	6,004	(5.4)	2,161	(#)	1,193	(#)	1,050	143	867	(#)	794	73	101
Ohio .....	88,723	(115.3)	31,444	(#)	90,547	(153.9)	32,813	(#)	21,830	(#)	19,379	2,451	8,215	(#)	7,255	960	2,768
Oklahoma .....	25,621	(317.7)	9,585	(1.0)	26,610	(45.2)	10,227	(3.1)	5,986	(3.0)	5,460	526	3,715	(#)	2,802	913	526
Oregon .....	30,609	(150.0)	10,595	(#)	31,169	(59.2)	10,426	(#)	6,094	(#)	5,520	574	3,922	(#)	3,279	644	410
Pennsylvania .....	101,511	(132.0)	34,496	(#)	105,765	(179.8)	35,137	(#)	24,625	(#)	22,416	2,208	8,512	(#)	7,586	926	2,001
Rhode Island .....	8,933	(8.0)	2,931	(#)	9,128	(15.5)	3,027	(#)	2,185	(#)	2,126	59	604	(#)	587	17	237
South Carolina .....	34,397	(44.7)	12,488	(#)	35,010	(35.0)	12,302	(#)	7,928	(#)	6,719	1,208	3,216	(#)	2,896	320	1,159
South Dakota .....	5,773	(19.6)	1,926	(#)	6,027	(21.7)	2,026	(#)	1,238	(#)	1,092	146	681	(#)	530	151	107
Tennessee .....	40,195	(176.9)	12,703	(161.3)	40,858	(196.1)	12,777	(169.9)	8,632	(170.0)	8,014	618	3,342	(#)	2,994	347	804
Texas .....	173,845	(208.6)	70,623	(#)	183,029	(274.5)	74,603	(#)	48,668	(#)	40,612	8,056	23,751	(#)	20,709	3,041	2,184
Utah .....	19,698	(27.6)	7,836	(#)	19,659	(94.4)	7,374	(#)	3,991	(0.4)	3,223	768	3,071	(#)	2,785	286	313
Vermont .....	5,674	(4.5)	2,274	(#)	5,886	(3.5)	2,346	(#)	1,473	(#)	1,408	65	713	(#)	666	47	160
Virginia .....	58,771	(329.1)	22,931	(284.3)	60,171	(312.9)	23,323	(293.9)	15,514	(294.8)	14,171	1,344	6,781	(#)	5,504	1,277	1,028
Washington .....	56,956	(262.0)	19,082	(17.2)	56,793	(176.1)	18,352	(#)	11,362	(#)	9,846	1,516	5,592	(#)	4,897	695	1,398
West Virginia .....	13,181	(27.7)	4,893	(#)	13,718	(24.7)	5,262	(#)	3,213	(#)	3,021	192	1,514	(#)	1,383	131	536
Wisconsin .....	44,765	(58.2)	16,158	(9.7)	46,049	(59.9)	16,804	(15.1)	10,591	(14.8)	9,966	625	5,641	(1.7)	4,967	674	572
Wyoming .....	7,491	(21.0)	2,454	(#)	7,602	(27.4)	2,467	(#)	1,682	(#)	1,342	341	669	(#)	575	94	115

#Rounds to zero.

<sup>1</sup>Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures.

<sup>2</sup>Includes assistance and subsidies to individuals, private elementary and secondary schools, and private colleges and universities, as well as miscellaneous education expenditures.

NOTE: Current expenditure data in this table differ from figures appearing in other tables because of slightly varying definitions used in the Governmental Finances and Common Core of Data surveys. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances. Retrieved October 12, 2012, from <http://www.census.gov/govs/estimate/>. (This table was prepared October 2012.)

**Table 32. Direct general expenditures per capita of state and local governments for all functions and for education, by level of education and state: 2008–09 and 2009–10**

State	Direct general expenditures, <sup>1</sup> 2008–09			Direct general expenditures, <sup>1</sup> 2009–10								
	Total amount per capita	For education		Total amount per capita	For education							
		Amount per capita	As a percent of all functions		All education		Elementary and secondary education		Colleges and universities		Other education <sup>2</sup>	
					Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions
1	2	3	4	5	6	7	8	9	10	11	12	13
United States .....	\$8,131	\$2,776	34.1	\$8,205	\$2,780	33.9	\$1,856	22.6	\$785	9.6	\$140	1.7
Alabama .....	7,425	2,847	38.3	7,378	2,762	37.4	1,609	21.8	993	13.5	161	2.2
Alaska .....	18,619	4,564	24.5	17,825	4,501	25.3	3,323	18.6	1,018	5.7	160	0.9
Arizona .....	6,678	2,122	31.8	6,729	2,095	31.1	1,299	19.3	687	10.2	108	1.6
Arkansas .....	6,249	2,553	40.9	6,702	2,716	40.5	1,787	26.7	789	11.8	140	2.1
California .....	9,254	2,813	30.4	9,112	2,745	30.1	1,749	19.2	866	9.5	130	1.4
Colorado .....	7,675	2,538	33.1	7,994	2,611	32.7	1,664	20.8	857	10.7	90	1.1
Connecticut .....	9,065	3,270	36.1	8,899	3,161	35.5	2,326	26.1	676	7.6	159	1.8
Delaware .....	9,250	3,314	35.8	9,309	3,330	35.8	1,927	20.7	1,141	12.3	262	2.8
District of Columbia .....	16,906	3,697	21.9	17,822	3,934	22.1	3,677	20.6	258	1.4	0	0.0
Florida .....	7,465	2,127	28.5	7,253	2,034	28.0	1,409	19.4	484	6.7	141	1.9
Georgia .....	6,556	2,628	40.1	6,609	2,570	38.9	1,802	27.3	564	8.5	204	3.1
Hawaii .....	9,725	2,747	28.2	8,964	2,387	26.6	1,536	17.1	800	8.9	51	0.6
Idaho .....	6,663	2,137	32.1	6,578	2,100	31.9	1,293	19.7	702	10.7	105	1.6
Illinois .....	7,893	2,680	34.0	8,059	2,706	33.6	1,908	23.7	674	8.4	125	1.6
Indiana .....	7,004	2,517	35.9	6,937	2,550	36.8	1,558	22.5	839	12.1	153	2.2
Iowa .....	8,304	3,069	37.0	8,390	3,042	36.3	1,846	22.0	1,063	12.7	133	1.6
Kansas .....	8,091	2,989	36.9	8,020	2,989	37.3	1,943	24.2	952	11.9	94	1.2
Kentucky .....	7,068	2,485	35.2	7,325	2,587	35.3	1,518	20.7	859	11.7	209	2.9
Louisiana .....	9,503	2,721	28.6	9,437	2,651	28.1	1,767	18.7	697	7.4	187	2.0
Maine .....	8,224	2,487	30.2	8,328	2,581	31.0	1,852	22.2	563	6.8	166	2.0
Maryland .....	8,452	3,058	36.2	8,596	3,140	36.5	2,098	24.4	926	10.8	117	1.4
Massachusetts .....	8,996	2,777	30.9	9,078	2,764	30.4	1,971	21.7	635	7.0	158	1.7
Michigan .....	7,309	2,822	38.6	7,477	2,944	39.4	1,815	24.3	1,022	13.7	107	1.4
Minnesota .....	8,862	3,031	34.2	8,848	2,887	32.6	1,868	21.1	824	9.3	195	2.2
Mississippi .....	7,832	2,512	32.1	7,964	2,524	31.7	1,493	18.7	903	11.3	128	1.6
Missouri .....	6,891	2,396	34.8	6,975	2,365	33.9	1,627	23.3	616	8.8	122	1.8
Montana .....	7,614	2,633	34.6	8,106	2,612	32.2	1,626	20.1	820	10.1	166	2.0
Nebraska .....	7,803	3,052	39.1	7,989	3,128	39.2	1,983	24.8	1,009	12.6	136	1.7
Nevada .....	7,116	2,205	31.0	6,573	2,054	31.2	1,479	22.5	485	7.4	89	1.4
New Hampshire .....	7,067	2,632	37.2	7,530	2,716	36.1	1,991	26.4	613	8.1	112	1.5
New Jersey .....	9,375	3,628	38.7	9,400	3,610	38.4	2,809	29.9	629	6.7	171	1.8
New Mexico .....	9,365	3,313	35.4	9,420	3,162	33.6	1,814	19.3	1,180	12.5	168	1.8
New York .....	11,362	3,528	31.0	11,927	3,654	30.6	2,877	24.1	669	5.6	108	0.9
North Carolina .....	7,034	2,513	35.7	6,917	2,480	35.9	1,456	21.1	927	13.4	97	1.4
North Dakota .....	8,383	2,952	35.2	8,900	3,203	36.0	1,769	19.9	1,285	14.4	149	1.7
Ohio .....	7,687	2,724	35.4	7,848	2,844	36.2	1,892	24.1	712	9.1	240	3.1
Oklahoma .....	6,949	2,600	37.4	7,077	2,720	38.4	1,592	22.5	988	14.0	140	2.0
Oregon .....	8,001	2,769	34.6	8,121	2,716	33.5	1,588	19.6	1,022	12.6	107	1.3
Pennsylvania .....	8,053	2,737	34.0	8,316	2,763	33.2	1,936	23.3	669	8.0	157	1.9
Rhode Island .....	8,481	2,783	32.8	8,673	2,876	33.2	2,076	23.9	574	6.6	225	2.6
South Carolina .....	7,541	2,738	36.3	7,550	2,653	35.1	1,710	22.6	694	9.2	250	3.3
South Dakota .....	7,106	2,371	33.4	7,381	2,481	33.6	1,516	20.5	834	11.3	131	1.8
Tennessee .....	6,384	2,018	31.6	6,427	2,010	31.3	1,358	21.1	526	8.2	126	2.0
Texas .....	7,015	2,850	40.6	7,248	2,954	40.8	1,927	26.6	940	13.0	86	1.2
Utah .....	7,074	2,814	39.8	7,083	2,657	37.5	1,438	20.3	1,106	15.6	113	1.6
Vermont .....	9,126	3,657	40.1	9,403	3,748	39.9	2,353	25.0	1,139	12.1	255	2.7
Virginia .....	7,456	2,909	39.0	7,499	2,907	38.8	1,933	25.8	845	11.3	128	1.7
Washington .....	8,547	2,863	33.5	8,423	2,722	32.3	1,685	20.0	829	9.8	207	2.5
West Virginia .....	7,243	2,689	37.1	7,398	2,838	38.4	1,732	23.4	816	11.0	289	3.9
Wisconsin .....	7,916	2,857	36.1	8,091	2,952	36.5	1,861	23.0	991	12.2	100	1.2
Wyoming .....	13,763	4,509	32.8	13,465	4,369	32.4	2,980	22.1	1,185	8.8	204	1.5

<sup>1</sup>Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures.

<sup>2</sup>Includes assistance and subsidies to individuals, private elementary and secondary schools, and private colleges and universities, as well as miscellaneous education expenditures.

NOTE: Per capita amounts for 2009–10 are based on population estimates for July 2010. Per capita amounts for 2008–09 are based on the latest population estimates for July 2009

and have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Governmental Finances, retrieved October 25, 2012, from <http://www.census.gov/govs/estimate/>; and GCT-T1 Population Estimates, retrieved October 26, 2012, from <http://www.census.gov/popest/data/national/totals/2011/index.html>. (This table was prepared October 2012).

**Table 33. Gross domestic product, state and local expenditures, national income, personal income, disposable personal income, median family income, and population: Selected years, 1929 through 2011**

Year	Gross domestic product (in billions)		State and local direct general expenditures (in millions) <sup>1</sup>		National income (in billions)	Personal income (in billions)	Disposable personal income (in billions of chained 2005 dollars) <sup>2</sup>	Disposable personal income per capita		Median family income	Population (in thousands)	
	Current dollars	Chained 2005 dollars <sup>2</sup>	All direct general expenditures	Education expenditures				Current dollars	Chained 2005 dollars <sup>2</sup>		Midyear data <sup>3</sup>	Resident as of July 1 <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
1929.....	\$103.6	\$976.1	—	—	\$93.9	\$84.9	\$791.6	\$683	\$6,495	—	121,878	121,767
1939.....	92.2	1,071.9	—	—	82.0	72.9	861.0	545	6,571	—	131,028	130,880
1940.....	101.4	1,165.9	\$9,229	\$2,638	90.9	78.4	918.2	581	6,950	—	132,122	132,122
1950.....	293.7	2,004.2	22,787	7,177	263.9	228.9	1,400.9	1,384	9,236	\$3,319	151,684	152,271
1960.....	526.4	2,828.5	51,876	18,719	473.9	411.3	1,963.1	2,020	10,860	5,620	180,760	180,671
1970.....	1,038.3	4,266.3	131,332	52,718	929.5	838.6	3,107.3	3,586	15,151	9,867	205,089	205,052
1971.....	1,126.8	4,409.5	150,674	59,413	1,005.6	903.1	3,247.7	3,859	15,637	10,285	207,692	207,661
1972.....	1,237.9	4,643.8	168,550	65,814	1,110.3	992.6	3,405.2	4,140	16,221	11,116	209,924	209,896
1973.....	1,382.3	4,912.8	181,357	69,714	1,246.1	1,110.5	3,636.6	4,615	17,159	12,051	211,939	211,909
1974.....	1,499.5	4,885.7	198,959	75,833	1,341.5	1,222.7	3,608.6	5,010	16,871	12,902	213,898	213,854
1975.....	1,637.7	4,875.4	230,721	87,858	1,444.0	1,334.9	3,689.5	5,497	17,083	13,719	215,981	215,973
1976.....	1,824.6	5,136.9	256,731	97,216	1,609.8	1,474.7	3,836.6	5,972	17,592	14,958	218,086	218,035
1977.....	2,030.1	5,373.1	274,215	102,780	1,797.4	1,632.5	3,969.0	6,514	18,017	16,009	220,289	220,239
1978.....	2,293.8	5,672.8	296,984	110,758	2,027.9	1,836.7	4,154.6	7,220	18,662	17,640	222,629	222,585
1979.....	2,562.2	5,850.1	327,517	119,448	2,248.3	2,059.5	4,251.9	7,956	18,888	19,587	225,106	225,055
1980.....	2,788.1	5,834.0	369,086	133,211	2,433.0	2,301.5	4,293.7	8,794	18,855	21,023	227,726	227,225
1981.....	3,126.8	5,982.1	407,449	145,784	2,729.8	2,582.3	4,407.9	9,726	19,164	22,388	230,008	229,466
1982.....	3,253.2	5,865.9	436,733	154,282	2,851.4	2,766.8	4,504.4	10,390	19,397	23,433	232,218	231,664
1983.....	3,534.6	6,130.9	466,516	163,876	3,070.9	2,952.2	4,653.5	11,095	19,859	24,674	234,333	233,792
1984.....	3,930.9	6,571.5	505,008	176,108	3,461.3	3,268.9	4,986.9	12,232	21,096	26,433	236,394	235,825
1985.....	4,217.5	6,843.4	553,899	192,686	3,696.3	3,496.7	5,142.4	12,911	21,561	27,735	238,506	237,924
1986.....	4,460.1	7,080.5	605,623	210,819	3,871.5	3,696.0	5,312.6	13,540	22,073	29,458	240,683	240,133
1987.....	4,736.4	7,307.0	657,134	226,619	4,150.0	3,924.4	5,399.9	14,146	22,236	30,970	242,843	242,289
1988.....	5,100.4	7,607.4	704,921	242,683	4,522.3	4,231.2	5,633.0	15,206	22,986	32,191	245,061	244,499
1989.....	5,482.1	7,879.2	762,360	263,898	4,800.5	4,557.5	5,782.5	16,134	23,374	34,213	247,387	246,819
1990.....	5,800.5	8,027.1	834,818	288,148	5,059.5	4,846.7	5,893.6	17,004	23,557	35,353	250,181	249,623
1991.....	5,992.1	8,008.3	908,108	309,302	5,217.9	5,031.5	5,943.2	17,532	23,442	35,939	253,530	252,981
1992.....	6,342.3	8,280.0	981,253	324,652	5,517.1	5,347.3	6,152.5	18,436	23,947	36,573	256,922	256,514
1993.....	6,667.4	8,516.2	1,033,167	342,287	5,784.7	5,568.1	6,255.3	18,909	24,033	36,959	260,282	259,919
1994.....	7,085.2	8,863.1	1,077,665	353,287	6,181.3	5,874.8	6,456.0	19,678	24,505	38,782	263,455	263,126
1995.....	7,414.7	9,086.0	1,146,188	378,273	6,522.3	6,200.9	6,648.6	20,470	24,939	40,611	266,588	266,278
1996.....	7,838.5	9,425.8	1,189,356	398,859	6,931.7	6,591.6	6,867.8	21,355	25,463	42,300	269,714	269,394
1997.....	8,332.4	9,845.9	1,247,436	419,053	7,406.0	7,000.7	7,110.4	22,255	26,049	44,568	272,958	272,647
1998.....	8,793.5	10,274.7	1,314,496	450,365	7,875.6	7,525.4	7,535.4	23,534	27,287	46,737	276,154	275,854
1999.....	9,353.5	10,770.7	1,398,533	483,259	8,358.0	7,910.8	7,763.1	24,356	27,792	48,950	279,328	279,040
2000.....	9,951.5	11,216.4	1,502,768	521,612	8,938.9	8,559.4	8,157.8	25,946	28,888	50,732	282,398	282,162
2001.....	10,286.2	11,337.5	1,621,757	563,572	9,185.2	8,883.3	8,356.2	26,816	29,297	51,407	285,225	284,969
2002.....	10,642.3	11,543.1	1,732,478	594,694	9,408.5	9,060.1	8,633.2	27,816	29,981	51,680	287,955	287,625
2003.....	11,142.2	11,836.4	1,817,513	621,335	9,840.2	9,378.1	8,850.5	28,827	30,453	52,680	290,626	290,108
2004.....	11,853.3	12,246.9	1,903,915	655,182	10,534.0	9,937.2	9,152.9	30,312	31,211	54,061	293,262	292,805
2005.....	12,623.0	12,623.0	2,007,490	688,314	11,273.8	10,485.9	9,277.3	31,343	31,343	56,194	295,993	295,517
2006.....	13,377.2	12,958.5	2,117,161	728,917	12,031.2	11,268.1	9,652.8	33,183	32,303	58,407	298,818	298,380
2007.....	14,028.7	13,206.4	2,255,229	773,676	12,396.4	11,912.3	9,880.3	34,550	32,749	61,355	301,696	301,231
2008.....	14,291.5	13,161.9	2,401,417	826,061	12,609.1	12,460.2	10,119.5	36,200	33,229	61,521	304,543	304,094
2009.....	13,973.7	12,757.9	2,496,365	852,172	12,132.6	11,867.0	9,836.7	34,899	32,016	60,088	307,240	306,772
2010.....	14,498.9	13,063.0	2,538,114	859,965	12,811.4	12,321.9	10,016.5	35,920	32,335	60,236	309,774	309,330
2011.....	15,075.7	13,299.1	—	—	13,358.9	12,947.3	10,149.7	37,012	32,527	60,974	312,040	311,592

—Not available.

<sup>1</sup>Data for years prior to 1963 include expenditures for government fiscal years ending during that particular calendar year. Data for 1963 and later years are the aggregations of expenditures for government fiscal years that ended on June 30 of the stated year. General expenditures exclude expenditures of publicly owned utilities and liquor stores, and of insurance-trust activities. Intergovernmental payments between state and local governments are excluded. Payments to the federal government are included.

<sup>2</sup>Constant dollars based on a chain-price index, which uses the geometric mean of output weights of adjacent time periods compiled over a time series. Chain-price indexes reflect changes in prices, while implicit price deflators reflect both changes in prices and in the composition of output. More information is available at [https://www.bea.gov/scb/account\\_articles/national/0597od/maintext.htm](https://www.bea.gov/scb/account_articles/national/0597od/maintext.htm).

<sup>3</sup>Population of the United States including armed forces overseas. Includes Alaska and Hawaii beginning in 1960.

<sup>4</sup>Resident population of the United States. Includes Alaska and Hawaii beginning in 1958. Data for 1990 and later years include revisions based on the 2000 census. Excludes overseas armed personnel.

NOTE: Gross domestic product (GDP) data are adjusted by the GDP chained weight price deflator. Personal income data are adjusted by the personal consumption deflator. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Income, Poverty, and Health Insurance in the United States, retrieved January 10, 2013, from <http://www.census.gov/hhes/www/income/data/historical/families/>; Population Estimates, retrieved August 14, 2012, from <http://www.census.gov/popest/data/national/asrh/2011/index.html>; and State and Local Government Finances, retrieved January 10, 2013, from <http://www.census.gov/govs/estimate/>. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts Tables, retrieved January 10, 2013, from [http://www.bea.gov/iTable/index\\_nipa.cfm](http://www.bea.gov/iTable/index_nipa.cfm). (This table was prepared January 2013.)



**Table 34. Gross domestic product price index, Consumer Price Index, education price indexes, and federal budget composite deflator: Selected years, 1919 through 2011**

Calendar year			School year					Federal fiscal year	
Year	Gross domestic product price index	Consumer Price Index <sup>1</sup>	Year	Consumer Price Index <sup>2</sup>	Higher Education Price Index <sup>3</sup>	Research and Development Index	Academic Library Operations Index	Year	Federal budget composite deflator
1	2	3	4	5	6	7	8	9	10
1919.....	—	17.3	1919–20	19.1	—	—	—	1919 .....	—
1929.....	10.593	17.1	1929–30	17.1	—	—	—	1929 .....	—
1939.....	8.599	13.9	1939–40	14.0	—	—	—	1939 .....	—
1949.....	14.515	23.8	1949–50	23.7	—	—	—	1949 .....	0.1024
1950.....	14.628	24.1	1950–51	25.1	—	—	—	1950 .....	0.1065
1951.....	15.635	26.0	1951–52	26.3	—	—	—	1951 .....	0.1047
1952.....	15.976	26.5	1952–53	26.7	—	—	—	1952 .....	0.1042
1953.....	16.178	26.7	1953–54	26.9	—	—	—	1953 .....	0.1124
1954.....	16.342	26.9	1954–55	26.8	—	—	—	1954 .....	0.1163
1955.....	16.576	26.8	1955–56	26.9	—	—	—	1955 .....	0.1203
1956.....	17.148	27.2	1956–57	27.7	—	—	—	1956 .....	0.1263
1957.....	17.749	28.1	1957–58	28.6	—	—	—	1957 .....	0.1327
1958.....	18.157	28.9	1958–59	29.0	—	—	—	1958 .....	0.1405
1959.....	18.363	29.1	1959–60	29.4	—	—	—	1959 .....	0.1461
1960.....	18.620	29.6	1960–61	29.8	25.6	26.7	—	1960 .....	0.1467
1961.....	18.830	29.9	1961–62	30.1	26.5	27.5	—	1961 .....	0.1507
1962.....	19.087	30.2	1962–63	30.4	27.6	28.5	—	1962 .....	0.1511
1963.....	19.290	30.6	1963–64	30.8	28.6	29.5	—	1963 .....	0.1579
1964.....	19.589	31.0	1964–65	31.2	29.8	30.7	—	1964 .....	0.1600
1965.....	19.945	31.5	1965–66	31.9	31.3	32.0	—	1965 .....	0.1621
1966.....	20.511	32.4	1966–67	32.9	32.9	33.8	—	1966 .....	0.1659
1967.....	21.142	33.4	1967–68	34.0	34.9	35.7	—	1967 .....	0.1700
1968.....	22.040	34.8	1968–69	35.7	37.1	38.0	—	1968 .....	0.1765
1969.....	23.130	36.7	1969–70	37.8	39.5	40.3	—	1969 .....	0.1881
1970.....	24.349	38.8	1970–71	39.7	42.1	42.7	—	1970 .....	0.1992
1971.....	25.567	40.5	1971–72	41.2	44.3	45.0	—	1971 .....	0.2133
1972.....	26.670	41.8	1972–73	42.8	46.7	47.1	—	1972 .....	0.2283
1973.....	28.148	44.4	1973–74	46.6	49.9	50.1	—	1973 .....	0.2413
1974.....	30.695	49.3	1974–75	51.8	54.3	54.8	—	1974 .....	0.2622
1975.....	33.606	53.8	1975–76	55.5	57.8	59.0	57.3	1975 .....	0.2890
1976.....	35.535	56.9	1976–77	58.7	61.5	62.7	61.6	1976 .....	0.3118
1977.....	37.796	60.6	1977–78	62.6	65.7	66.8	65.8	1977 .....	0.3372
1978.....	40.447	65.2	1978–79	68.5	70.5	71.7	71.4	1978 .....	0.3589
1979.....	43.811	72.6	1979–80	77.6	77.5	78.3	78.5	1979 .....	0.3904
1980.....	47.817	82.4	1980–81	86.6	85.8	86.6	86.1	1980 .....	0.4319
1981.....	52.326	90.9	1981–82	94.1	93.9	94.0	94.0	1981 .....	0.4790
1982.....	55.514	96.5	1982–83	98.2	100.0	100.0	100.0	1982 .....	0.5137
1983.....	57.705	99.6	1983–84	101.8	104.8	104.3	105.1	1983 .....	0.5394
1984.....	59.874	103.9	1984–85	105.8	110.8	109.8	111.2	1984 .....	0.5677
1985.....	61.686	107.6	1985–86	108.8	116.3	115.2	117.6	1985 .....	0.5870
1986.....	63.057	109.6	1986–87	111.2	120.9	120.0	124.2	1986 .....	0.6022
1987.....	64.818	113.6	1987–88	115.8	126.2	126.8	130.0	1987 .....	0.6213
1988.....	67.047	118.3	1988–89	121.2	132.8	132.1	138.6	1988 .....	0.6400
1989.....	69.579	124.0	1989–90	127.0	140.8	139.0	147.4	1989 .....	0.6637
1990.....	72.274	130.7	1990–91	133.9	148.2	145.8	155.7	1990 .....	0.6842
1991.....	74.826	136.2	1991–92	138.2	153.5	150.6	163.3	1991 .....	0.7165
1992.....	76.602	140.3	1992–93	142.5	157.9	155.2	169.8	1992 .....	0.7439
1993.....	78.288	144.5	1993–94	146.2	163.3	160.1	176.7	1993 .....	0.7640
1994.....	79.935	148.2	1994–95	150.4	168.1	165.4	183.9	1994 .....	0.7782
1995.....	81.602	152.4	1995–96	154.5	173.0	170.8	192.6	1995 .....	0.7995
1996.....	83.154	156.9	1996–97	158.9	178.4	—	—	1996 .....	0.8187
1997.....	84.627	160.5	1997–98	161.7	184.7	—	—	1997 .....	0.8359
1998.....	85.580	163.0	1998–99	164.5	189.1	—	—	1998 .....	0.8439
1999.....	86.840	166.6	1999–2000	169.3	196.9	—	—	1999 .....	0.8558
2000.....	88.724	172.2	2000–01	175.1	208.7	—	—	2000 .....	0.8770
2001.....	90.731	177.1	2001–02	178.2	212.7	—	—	2001 .....	0.8992
2002.....	92.192	179.9	2002–03	182.1	223.5	—	—	2002 .....	0.9138
2003.....	94.134	184.0	2003–04	186.1	231.7	—	—	2003 .....	0.9378
2004.....	96.784	188.9	2004–05	191.7	240.8	—	—	2004 .....	0.9645
2005.....	100.000	195.3	2005–06	199.0	253.1	—	—	2005 .....	1.0000
2006.....	103.237	201.6	2006–07	204.1	260.3	—	—	2006 .....	1.0354
2007.....	106.231	207.3	2007–08	211.7	273.2	—	—	2007 .....	1.0642
2008.....	108.565	215.3	2008–09	214.7	279.3	—	—	2008 .....	1.1031
2009.....	109.532	214.5	2009–10	216.7	281.8	—	—	2009 .....	1.1085
2010.....	111.002	218.1	2010–11	221.1	288.4	—	—	2010 .....	1.1218
2011.....	113.369	224.9	2011–12	227.6	—	—	—	2011 .....	1.1525

—Not available.

<sup>1</sup>Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.

<sup>2</sup>Consumer Price Index adjusted to a school-year basis (July through June).

<sup>3</sup>Beginning in 2001–02, components of index were weighted through a regression methodology.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts, retrieved January 10, 2013, from <http://www.bea.gov/national/>

nipaweb. U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index, retrieved January 10, 2013, from <http://ftp.bls.gov/pub/special.requests/cpi/cpiat.txt>. Commonfund Institute, *Higher Education Price Index*, retrieved January 10, 2013, from [http://www.commonfund.org/CommonfundInstitute/HEPI/HEPI%20Documents/CF\\_HEPI\\_2012.pdf](http://www.commonfund.org/CommonfundInstitute/HEPI/HEPI%20Documents/CF_HEPI_2012.pdf). U.S. Office of Management and Budget, Composite Deflator, retrieved January 10, 2013, from <http://www.whitehouse.gov/omb/budget/Historicals>. (This table was prepared January 2013.)



## CHAPTER 2

# Elementary and Secondary Education

This chapter contains a variety of statistics on public and private elementary and secondary education. Data are presented for enrollments, teachers and other school staff, schools, dropouts, achievement, school violence, and revenues and expenditures. These data are derived from surveys, censuses, and administrative data collections conducted by the National Center for Education Statistics (NCES) and other public and private organizations. The information ranges from counts of students and schools to state graduation requirements.

### Enrollments

Public elementary and secondary school enrollment rose from 49.1 million in 2005 to 49.5 million in 2010, an increase of 1 percent (table 39 and figure 7). Public elementary enrollment (prekindergarten through grade 8) was 1 percent higher in 2010 (34.6 million) than in 2005 (34.2 million), while public secondary enrollment was less than 1 percent lower in 2010 (14.9 million) than in 2005 (14.9 million).

From 2005 to 2010, changes in public school enrollment varied from state to state (table 36 and figure 8). Increases occurred in 28 states from 2005 to 2010, while decreases occurred in 22 states and the District of Columbia. The largest public school enrollment increases occurred in Utah (15 percent) and Texas (9 percent), and 7 other states had increases of at least 5 percent. The largest decrease in public school enrollment occurred in Michigan (a decrease of 9 percent), and 2 other states and the District of Columbia had decreases of at least 5 percent.

Enrollments in private elementary and secondary schools decreased by an estimated 11 percent between 2005 and 2010, from 6.1 million to 5.4 million (table 76). In 2010, private school students made up about 10 percent of all elementary and secondary school students.

In 2011, about 64 percent of 3- to 5-year-olds were enrolled in preprimary education (nursery school and kindergarten), the same as the percentage in 2000 (table 56 and figure 9). However, the percentage of children in full-day programs increased from 2000 to 2011. In 2011, about 59 percent of the children enrolled in preprimary education attended a full-day preprimary program, compared with 53 percent in 2000.

A higher percentage of 4-year-old children (57 percent) were cared for primarily in center-based programs during

the day in 2005–06 than had no regular nonparental care (20 percent) or were cared for primarily in home-based settings by relatives (13 percent) or by nonrelatives (8 percent) (table 60). There were differences in the average quality of care children received in these settings. A higher percentage of children in Head Start and other center-based programs (35 percent) received high-quality care than those in home-based relative and nonrelative care (9 percent), according to the ratings of trained observers (table 61).

The Individuals with Disabilities Education Act (IDEA), enacted in 1975, mandates that children and youth ages 3–21 with disabilities be provided a free and appropriate public school education. The percentage of total public school enrollment that represents children served by federally supported special education programs increased from 8.3 percent to 13.8 percent between 1976–77 and 2004–05 (table 48). Much of this overall increase can be attributed to a rise in the percentage of students identified as having specific learning disabilities from 1976–77 (1.8 percent) to 2004–05 (5.7 percent). The overall percentage of students being served in programs for those with disabilities decreased between 2004–05 (13.8 percent) and 2010–11 (13.0 percent). However, there were different patterns of change in the percentages served with some specific conditions between 2004–05 and 2010–11. The percentage of children identified as having other health impairments (limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes) rose from 1.1 to 1.4 percent of total public school enrollment, the percentage with autism rose from 0.4 to 0.8 percent, and the percentage with developmental delay rose from 0.7 to 0.8 percent. The percentage of children with specific learning disabilities declined from 5.7 percent to 4.8 percent of total public school enrollment during this period. In fall 2010, some 95 percent of 6- to 21-year-old students with disabilities were served in regular schools; 3 percent were served in a separate school for students with disabilities; 1 percent were placed in regular private schools by their parents; and less than 1 percent each were served in one of the following environments: in a separate residential facility, homebound or in a hospital, or in a correctional facility (table 50).

## Teachers and Other School Staff

During the 1970s and early 1980s, public school enrollment decreased, while the number of teachers generally increased. For public schools, the number of pupils per teacher—that is, the pupil/teacher ratio<sup>1</sup>—declined from 22.3 in 1970 to 17.9 in 1985 (table 76 and figure 7). After enrollment started increasing in 1985, the public school pupil/teacher ratio continued to decline, reaching 17.2 in 1989. After a period of relative stability during the late 1980s through the mid-1990s, the ratio declined from 17.3 in 1995 to 15.4 in 2009. The public school pupil/teacher ratio increased to 16.0 in 2010. By comparison, the pupil/teacher ratio for private schools was estimated at 12.2 in 2010. The average class size in 2007–08 was 20.0 pupils for public elementary schools and 23.4 pupils for public secondary schools (table 79).

In 2007–08, some 76 percent of public school teachers were female, 44 percent were under age 40, and 52 percent had a master's or higher degree (table 80). Compared with public school teachers, a lower percentage of private school teachers were female (74 percent), were under age 40 (39 percent), and had a master's or higher degree (38 percent).

Public school principals tend to be older and have more advanced credentials than public school teachers. In 2007–08, some 19 percent of public school principals were under age 40, and 99 percent of public school principals had a master's or higher degree (table 97). A lower percentage of principals than of teachers were female: about 50 percent of public school principals were female, compared with 76 percent of teachers.

From 1969–70 to 1980, there was an 8 percent increase in the number of public school teachers, compared with a 48 percent increase in the number of all other public school staff<sup>2</sup> (table B and table 92). Consequently, the percentage of staff who were teachers declined from 60 percent in 1969–70 to 52 percent in 1980. From 1980 to 2010, the number of teachers and the number of all other staff grew at more similar rates (42 and 56 percent, respectively) than they did in the 1970s. As a result, the proportion of teachers among total staff was 2 percentage points lower in 2010 than in 1980, in contrast to the decrease of 8 percentage points during the 1970s. Two staff categories increased more than 100 percent between 1980 and 2010—instructional aides, which rose 125 percent, and instruction coordinators, which rose 237 percent. Taken together, the percentage of staff with direct instructional responsibilities (teachers and instructional aides) increased from 60 to 62 percent between 1980 and

2010. In 2010, there were 8 pupils per staff member (total staff) at public schools, compared with 10 pupils per staff member in 1980 (table 92). At private schools in 2007–08, the number of pupils per staff member was 7 (table 72).

**Table B. Number of public school staff, by selected categories: 1969–70, 1980, and 2010**

[In thousands]

Selected staff category	1969–70	1980	2010
<b>Total</b> .....	<b>3,361</b>	<b>4,168</b>	<b>6,195</b>
Teachers .....	2,016	2,184	3,099
Instructional aides .....	57	326	732
Instruction coordinators .....	32	21	69

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70*; *Statistics of Public Elementary and Secondary Schools, 1980*; and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2010–11.

## Schools

During most of the last century, the trend to consolidate small schools brought declines in the total number of public schools in the United States. In 1929–30, there were approximately 248,000 public schools, compared with about 99,000 in 2010–11 (table 98). However, the number of public schools has increased in recent decades: between 1988–89 and 2006–07, there was an increase of approximately 15,600 schools. Since 2006–07, the number of public schools has remained relatively stable, varying by about 200 schools or less from year to year.

While the total number of public schools in the country has remained around 99,000 in recent years, new schools have opened and some schools have closed. In 2010–11, there were 1,929 school closures (table 109). The schools that closed had enrolled about 321,000 students in the prior school year (2009–10). Of the schools that closed, 1,486 were regular schools, 72 were special education schools, 7 were vocational schools, and 364 were alternative schools. The number of schools that closed in 2010–11 was higher than the number in 2000–01 (1,193); however, the number of annual school closures has fluctuated during this period, ranging from around 1,200 to 2,200. School closures do not necessarily reflect the number of school buildings that have been closed, since a single school may share a building with another school, or one school may have multiple buildings.

Since the early 1970s, public school systems have been shifting away from junior high schools (schools consisting of either grades 7 and 8 or grades 7 to 9) and toward middle schools (a subset of elementary schools beginning with grade 4, 5, or 6 and ending with grade 6, 7, or 8) (table 105). Although the number of all elementary schools (schools beginning with grade 6 or below and having no grade higher than 8) was similar in 1970–71 and 2000–01 (64,000 in 1970–71 and 64,600 in 2000–01), the number of middle schools was 462 percent higher in 2000–01 than in 1970–71 (11,700 vs. 2,100). During the same period, the number of junior high schools declined by 57 percent (from 7,800 in 1970–71 to 3,300 in 2000–01). Between 2000–01 and 2010–11, the number of all elementary schools rose by 4

<sup>1</sup>The pupil/teacher ratio is based on all teachers—including teachers for students with disabilities and other special teachers—and all students enrolled in the fall of the school year. Unlike the pupil/teacher ratio, the average class size excludes students and teachers in classes that are exclusively for special education students. Class size averages are based on surveys of teachers reporting on the counts of students in their classes.

<sup>2</sup>"All other public school staff" includes administrative staff, principals, librarians, guidance counselors, secretaries, custodial staff, food service workers, school bus drivers, and other professional and nonprofessional staff.

percent to 67,100, while the subset of middle schools rose by 12 percent to 13,000. During the same period, the number of junior high schools declined by 14 percent to 2,900.

The average number of students in public elementary schools declined from 477 students in 2000–01 to 475 students in 2010–11 (table 107). The average enrollment size of public secondary schools increased from 707 students in 1998–99 to 722 in 2003–04, but then decreased to an average of 684 students in 2010–11. The average size of regular public secondary schools—which exclude alternative, special education, and vocational education schools—was lower in 2010–11 (790) than in 2000–01 (795).

## High School Graduates and Dropouts

About 3,376,000 high school students are expected to graduate during the 2012–13 school year (table 122), including 3,092,000 public school graduates and 283,000 private school graduates. High school graduates include only recipients of diplomas, not recipients of equivalency credentials. The 2012–13 projection of high school graduates is lower than the record-high of 3,435,000 graduates for 2009–10, but exceeds the high point during the baby boom era in 1975–76, when 3,142,000 students earned diplomas. In 2009–10, an estimated 78.2 percent of public high school students graduated on time—that is, received a diploma 4 years after beginning their freshman (9th-grade) year (table 124).

The number of General Educational Development (GED) credentials issued by the states to GED test passers rose from 330,000 in 1977 to 487,000 in 2000 (table 127). A record number of 648,000 GED credentials were issued in 2001. In 2002, there were revisions to the GED test and to the data reporting procedures. In 2001, test takers were required to successfully complete all five components of the GED or else begin the five-part series again with the new test that was introduced in 2002. Prior to 2002, reporting was based on summary data from the states on the number of GED credentials issued. As of 2002, reporting has been based on individual GED candidate- and test-level records collected by the GED Testing Service. In 2011, some 434,000 passed the GED tests, up from 330,000 in 2002, the first year of the new test series.<sup>3</sup>

The percentage of dropouts among 16- to 24-year-olds has shown some decreases over the past 20 years (table 128). This percentage, known as the status dropout rate, includes all people in the 16- to 24-year-old age group who are not enrolled in school and who have not completed a high school program, regardless of when they left school. (People who left school but went on to receive a GED credential are not treated as dropouts.) Between 1990 and 2011, the status dropout rate declined from 12.1 to 7.1 percent. Although the

status dropout rate declined for both Blacks and Hispanics during this period, their rates (7.3 and 13.6 percent, respectively) remained higher than the rate for Whites (5.1 percent) in 2011. This measure is based on the civilian noninstitutionalized population, which excludes people in prisons, people in the military, and other people not living in households.

## Achievement

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs: the national main NAEP, state NAEP (which includes the Trial Urban District Assessment), and national long-term trend NAEP. The main NAEP reports current information for the nation and specific geographic regions of the country. The assessment program includes students drawn from both public and private schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board and use the latest advances in assessment methodology. Because the assessment items reflect curricula associated with specific grade levels, the main NAEP uses samples of students at those grade levels.

Since 1990, NAEP assessments have also been conducted at the state level. Each participating state receives assessment results that report on the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. From 1990 through 2001, the national sample was a subset of the combined sample of students assessed in each participating state along with an additional sample from the states that did not participate in the state assessment. For mathematics, reading, science, and writing assessments since 2002, a combined sample of public schools has been selected for 4th- and 8th-grade national and state (including Trial Urban District Assessment) NAEP.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement level of America's youth since the early 1970s. They are administered nationally and report student performance in reading and mathematics at ages 9, 13, and 17. Measuring long-term trends of student achievement requires the precise replication of past procedures. For example, students of specific ages are sampled in order to maintain consistency with the original sample design. Similarly, the long-term trend instrument does not evolve based on changes in curricula or in educational practices. The differences in procedures between the main NAEP and the long-term trend NAEP mean that their results cannot be compared directly.

## Reading

Reported on a scale of 0 to 500, NAEP long-term trend results in reading are available for 12 assessment years going back to the first in 1971. The average reading score for 9-year-olds was higher in 2008 than in all previous assess-

<sup>3</sup>Information on changes in GED test series and reporting is based on the 2003 edition of *Who Passed the GED Tests?*, by the GED Testing Service of the American Council on Education, as well as communication with staff of the GED Testing Service.

ment years, increasing 4 points since 2004 and 12 points in comparison to 1971 (table 140). While the average score for 13-year-olds in 2008 was higher than in both 2004 and 1971, it was not significantly different from the scores in some assessment years in between. The average reading score for 17-year-olds was higher in 2008 than in 2004 but was not significantly different from the score in 1971.

White, Black, and Hispanic 9-, 13-, and 17-year-olds all had higher average reading scores in 2008 than they did in the first assessment year (which is 1975 for Hispanic students because separate data for Hispanics were not collected in 1971). At age 9, White, Black, and Hispanic students scored higher in 2008, on average, than in any previous assessment year. In comparison to 2004, average reading scores were higher in 2008 for White students at all three ages, for Black students at ages 9 and 13, and for Hispanic students at age 9. Reading results for 2008 continued to show gaps in scores between White and Black students (ranging from 21 to 29 points, depending on age) and between White and Hispanic students (ranging from 21 to 26 points). From 2004 to 2008, no significant changes were seen in these reading score gaps. However, the White-Black reading gap was smaller in 2008 than in 1971 at all three ages, and the White-Hispanic reading gap narrowed at ages 9 and 17 in comparison to 1975.

In 2008, female students continued to have higher average reading scores than male students at all three ages. The gap between male and female 9-year-olds was 7 points in 2008 (based on unrounded scores); this was not significantly different from the gap in 2004 but was narrower than the gap in 1971. The 8-point gender gap for 13-year-olds in 2008 was not significantly different from the gaps in either 2004 or 1971. At age 17, the 11-point gap between males and females in 2008 was not significantly different from the gaps in any of the previous assessment years.

The main NAEP assessment data were first collected in 1992 and are reported on a scale of 0 to 500. From 2009 to 2011, there were no measurable changes in average reading scores for 4th-grade males and females or for 4th-grade students from any of the five racial/ethnic groups with scores reported in both assessment years (table 141). From 1992 to 2011, male 4th-graders' average reading scores increased from 213 to 218 and female 4th-graders' scores increased from 221 to 225. The 2011 average NAEP reading scale score for 8th-graders was 1 point higher than the 2009 score and 5 points higher than the 1992 score. For 12th-graders, the 2009 average reading score was 4 points lower than the score in 1992 but 2 points higher than the score in 2005 (12th-graders were not assessed in 2007 or 2011).

The 2011 main NAEP reading assessment of states found that the average reading proficiency of public school 4th- and 8th-graders varied across participating jurisdictions (the 50 states, the Department of Defense overseas and domestic schools, and the District of Columbia). For 4th-graders in public schools, the U.S. average score was 220, with average scores in participating jurisdictions ranging from 201 in the District of Columbia to 237 in Massachusetts (table 146).

For 8th-graders in public schools, the U.S. average score was 264, with average scores in participating jurisdictions ranging from 242 in the District of Columbia to 275 in Connecticut, Massachusetts, and New Jersey (table 148).

## Mathematics

NAEP long-term trend mathematics results, reported on a scale of 0 to 500, are available for 11 assessment years, going back to the first in 1973. In 2008, average mathematics scores for 9-year-olds (243) and 13-year-olds (281) were higher than in all previous assessment years (table 157). The average score for 9-year-olds in 2008 was 4 points higher than in 2004 and 24 points higher than in 1973. For 13-year-olds, the average score in 2008 was 3 points higher than in 2004 (based on unrounded scores) and 15 points higher than in 1973. In contrast, the average score for 17-year-olds in 2008 was not significantly different from the scores in 2004 and 1973.

White, Black, and Hispanic 9-, 13-, and 17-year-olds all had higher average mathematics scores in 2008 than in 1973. In comparison to 2004, average mathematics scores were higher in 2008 for White students at age 9. From 2004 to 2008, there were no significant changes in scores for 9-, 13-, and 17-year-old Black and Hispanic students or for 13- and 17-year-old White students. Mathematics results for 2008 continued to show score gaps between White and Hispanic students (ranging from 16 to 23 points [based on unrounded scores], depending on age) and between White and Black students (ranging from 26 to 28 points). Across all three age groups, neither the White-Black gap nor the White-Hispanic gap in mathematics scores changed significantly from 2004 to 2008, but both were smaller in 2008 than in 1973.

While there was no significant difference between the average mathematics scores of male and female 9-year-olds in 2008, male students did score higher than female students at ages 13 and 17. At age 13, the 4-point gap between males and females in 2008 was not significantly different when compared to the gap in 2004, but it was larger than the gap in 1973. At age 17, the 5-point gender score gap in 2008 was not significantly different from the gaps in previous assessment years.

The average mathematics score for the nation's 4th-graders in 2011 was higher than the scores in the eight previous assessment years (table 160). On a 0- to 500-point scale, 4th-graders scored 1 point higher in 2011 than in 2009 and 28 points higher than in 1990. Average scores for White, Black, and Hispanic 4th-graders were higher in 2011 than in any of the previous assessment years. The 25-point score gap between White and Black students in 2011 was not significantly different from the gap in 2009. However, larger gains from 1990 to 2011 for Black students than for White students contributed to a smaller gap in 2011 than in the first assessment year. The 20-point score gap between White and Hispanic students in 2011 was not significantly different from the gap in either 2009 or 1990.

The average mathematics score for the nation's 8th-graders (284) in 2011 was higher than the scores in the eight previous assessment years. Students scored 1 point higher in 2011 than in 2009 and 21 points higher than in 1990. The average score for female 8th-graders was higher in 2011 than in 2009, while there was no significant change in the score for males. Scores for both groups were higher in 2011 than in the earlier assessment years, from 1990 to 2007. Male students scored 1 point higher, on average, than female students in 2011. While there were no significant changes from 2009 to 2011 in the average scores for White or Black students, the average score for Hispanic students was 4 points higher in 2011 than in 2009. Scores for all three groups were higher in 2011 than in 1990. The 31-point score gap between White and Black students in 2011 did not differ significantly from the gap in either 2009 or 1990. The 23-point score gap between White and Hispanic students in 2011 was smaller than the gap in 2009 but not significantly different from the gap in 1990.

For 12th-graders, the average mathematics score (reported on a scale of 0 to 300) was 3 points higher in 2009 than in 2005 (data for 12th-graders were not collected in 2011). Average scores increased from 2005 to 2009 for both male and female 12th-graders as well as for 12th-graders from all the racial/ethnic groups.

The 2011 main NAEP assessment of states found that the average mathematics proficiency of public school 4th- and 8th-graders varied across participating jurisdictions (the 50 states, the Department of Defense overseas and domestic schools, and the District of Columbia). For 4th-graders in public schools, the U.S. average score was 240, with average scores in participating jurisdictions ranging from 222 in the District of Columbia to 252 in New Hampshire and 253 in Massachusetts (table 164). For 8th-graders in public schools, the U.S. average score was 283, with average scores in participating jurisdictions ranging from 260 in the District of Columbia to 299 in Massachusetts (table 165).

## Science

NAEP has assessed the science abilities of students in grades 4, 8, and 12 in both public and private schools since 1996. As of 2009, however, NAEP science assessments are based on a new framework, so results from these assessments cannot be compared to results from earlier science assessments. Scores are based on a scale ranging from 0 to 300. In 2009, White 4th-graders had a higher average science score (163) than did Black (127), Hispanic (131), Asian/Pacific Islander (160), and American Indian/Alaska Native (135) 4th-graders (table 168). The average science score was higher for male 4th-graders (151) than for female 4th-graders (149). In 2009, the pattern of differences in average science scores by students' race/ethnicity at grade 8 was similar to the pattern at grade 4. The average science score also was higher for male 8th-graders (152) than for female

8th-graders (148). At grade 12, average scores for White (159) and Asian/Pacific Islander (164) students were higher than the scores for Black (125), Hispanic (134), and American Indian/Alaska Native (144) students. The average science score in 2009 for male 12th-graders (153) was higher than the score for female 12th-graders (147). In 2011, a science assessment was conducted at grade 8 only. The average 8th-grade science score increased from 150 in 2009 to 152 in 2011. While there were no significant changes from 2009 to 2011 in the average scores for Asian/Pacific Islander or American Indian/Alaska Native 8th-graders, average scores increased 1 point for White 8th-graders, 3 points for Black 8th-graders, and 5 points for Hispanic 8th-graders. The average science score of White 8th-graders continued to be higher than the average scores of 8th-graders in all other racial/ethnic groups in 2011, but score gaps between White and Black 8th-graders and between White and Hispanic 8th-graders narrowed from 2009 to 2011. Average scores for both male and female 8th-graders were higher in 2011 than in 2009. In 2011, the average score was 5 points higher for male 8th-graders than for female 8th-graders, which was not significantly different from the 4-point gap in 2009.

## Skills of Young Children

In addition to student performance data available through NAEP, the *Digest* presents data from other surveys to provide additional perspectives on student achievement. Differences among demographic groups in the acquisition of cognitive skills have been demonstrated at relatively early ages in the Early Childhood Longitudinal Survey's Birth Cohort (ECLS-B) study as well as its Kindergarten Class (ECLS-K) studies.

In 2003–04, about 64 percent of 2-year-olds demonstrated proficiency in expressive vocabulary, which measured toddlers' ability to communicate using gestures, words, and sentences (table 133). The percentage of 2-year-olds demonstrating expressive vocabulary was higher for females (69 percent) than for males (59 percent). Also, a higher percentage of White (71 percent) and Asian (62 percent) 2-year-olds demonstrated expressive vocabulary than of Black, Hispanic, or American Indian/Alaska Native 2-year-olds (56, 54, and 50 percent, respectively). The percentage of 2-year-olds from families with high socioeconomic status (SES) who demonstrated expressive vocabulary (75 percent) was higher than the percentage of children from low-SES families who did so (52 percent).

Patterns of differences were also observed by race/ethnicity and SES for children at about 4 years of age (48 to 57 months old). In 2005–06, average early reading scores were higher for White (27) and Asian (31) 48- to 57-month-old children than for Black (23), Hispanic (21), and American Indian/Alaska Native (20) children (table 134). Also, high-SES children (33) had higher average early reading scores than low-SES children (19) at this age. These same patterns were observed among 48- to 57-month-old children with

respect to average mathematics scores. White (32) and Asian (35) 48- to 57-month-old children had higher mathematics scores than Black (27), Hispanic (26), and American Indian/Alaska Native children (23). High-SES 48- to 57-month-old children (36) had higher average mathematics scores than low-SES children (24).

Children who enrolled in kindergarten for the first time in 2010–11 showed similar patterns of score differences by race/ethnicity and SES. In fall 2010, average mathematics scores were higher for first-time kindergartners from high-SES families (36) than for those from low-SES families (22) (table 135). White (32) and Asian (35) first-time kindergartners had higher mathematics scores than their Black (26), Hispanic (25), and American Indian/Alaska Native (26) counterparts. Similarly, reading scores in fall 2010 were higher for White (37) and Asian (40) first-time kindergartners than for their Black (33), Hispanic (30), and American Indian/Alaska Native (31) counterparts. High-SES children (42) had higher average early reading scores than low-SES children (28).

### ***SAT Scores of College-Bound Seniors***

The SAT (formerly known as the Scholastic Assessment Test and the Scholastic Aptitude Test) is not designed as an indicator of student achievement, but rather as an aid for predicting how well students will do in college. Between 1998–99 and 2004–05, the mathematics SAT average score increased by 9 points, but it declined by 6 points between 2004–05 and 2011–12 (table 172). The critical reading average score in 2011–12 (496) was 9 points lower than in 1998–99. The writing average score in 2011–12 (488) was 9 points lower than in 2005–06, the year in which the SAT writing section was introduced.

### ***Coursetaking in High School***

The average number of science and mathematics courses completed by public high school graduates increased between 1982 and 2009. The average number of mathematics courses (Carnegie units) completed in high school rose from 2.6 in 1982 to 3.9 in 2009, and the number of science courses rose from 2.2 to 3.5 (table 177). The average number of courses in career/technical areas completed by all high school graduates was lower in 2009 (2.5 units) than in 2000 (2.9 units). As a result of the increased academic course load, the percentage of students completing the 1983 National Commission on Excellence recommendations (4 units of English, 3 units of social studies, 3 units of science, 3 units of mathematics, and 2 units of foreign language) rose from 10 percent in 1982 to 62 percent in 2009 (table 181).

## **School Violence**

In 2009–10, about 85 percent of public schools had a criminal incident, which is defined as theft, vandalism, drug possession, weapons possession, a serious violent crime, or a less serious violent crime such as a fight without weapons (table 189). In 2009–10, some 74 percent of schools reported one or more violent incidents, 44 percent of schools reported one or more thefts/larcenies, and 46 percent reported vandalism. The percentage of schools reporting a serious violent crime in 2009–10 (16 percent) was lower than the percentage of schools reporting a serious violent crime in 1999–2000 (20 percent). Also, the percentage of schools reporting an incident of vandalism was lower in 2009–10 (46 percent) than in 1999–2000 (51 percent). Overall, there were 4 criminal incidents reported per 100 students in 2009–10, which was lower than the 5 criminal incidents per 100 students reported in 1999–2000.

## **Revenues and Expenditures**

The state share of revenues for public elementary and secondary schools generally grew from the 1930s through the mid-1980s, while the local share declined during the same time period (table 202 and figure 10).<sup>4</sup> However, this pattern changed in the late 1980s, when the local share began to increase at the same time the state share decreased. Between 1986–87 and 1993–94, the state share declined from 49.7 percent to 45.2 percent, while the local share rose from 43.9 percent to 47.8 percent. Between 1993–94 and 2000–01, the state share rose again to 49.7 percent, the highest share since 1986–87, but declined every school year thereafter until 2005–06, when the state share was 46.5 percent. Overall, between 1999–2000 and 2009–10, the federal share increased from 7.3 percent to 12.7 percent, while the state share decreased from 49.5 to 43.5 percent. The local share increased from 43.2 percent to 43.8 percent during this period.

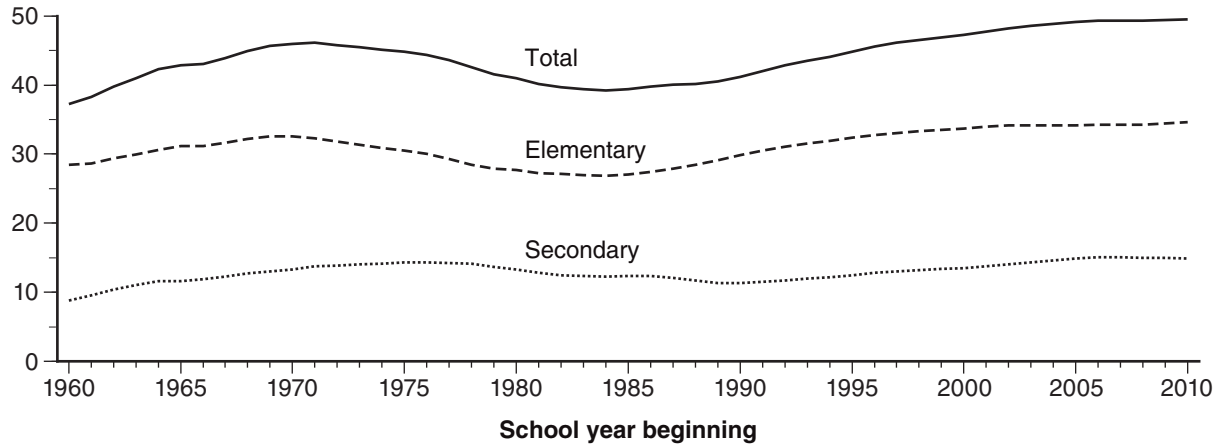
After adjustment for inflation, current expenditures per student in fall enrollment at public schools rose during the 1980s, remained stable during the first part of the 1990s, and then rose again (table 213 and figure 11). There was an increase of 37 percent from 1980–81 to 1990–91; a change of less than 1 percent from 1990–91 to 1994–95 (which resulted from small decreases at the beginning of this period, followed by small increases after 1992–93); and an increase of 34 percent from 1994–95 to 2009–10. In 2009–10, current expenditures per student in fall enrollment were \$10,652 in unadjusted dollars. In 2007–08, some 55 percent of students in public schools were transported at public expense at a cost of \$854 per pupil transported, also in unadjusted dollars (table 206).

<sup>4</sup>For data on individual years from 1980–81 through 1988–89, see *Digest of Education Statistics 2011* (NCES 2012-001), table 180.

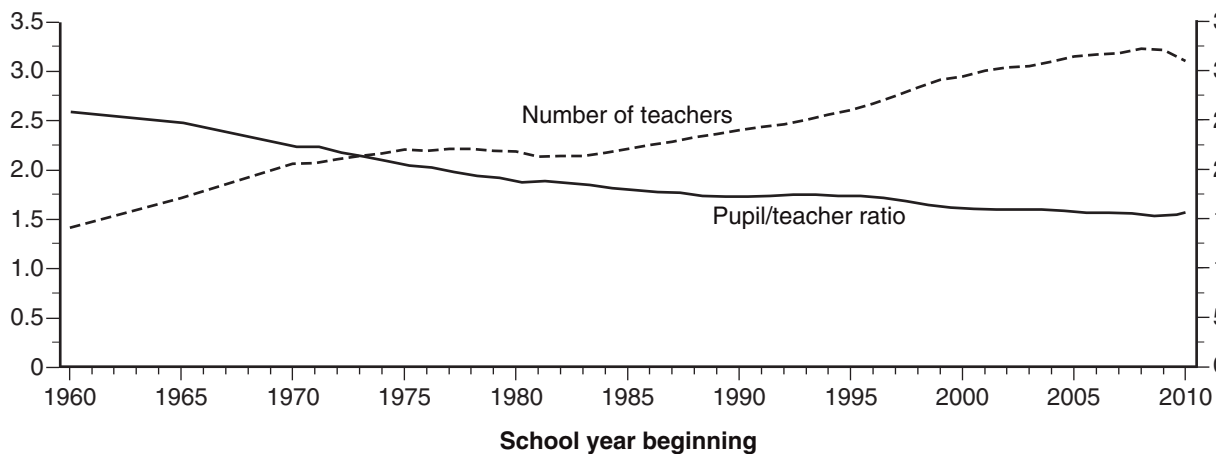


**Figure 7. Enrollment, number of teachers, pupil/teacher ratio, and expenditures in public elementary and secondary schools: 1960–61 through 2010–11**

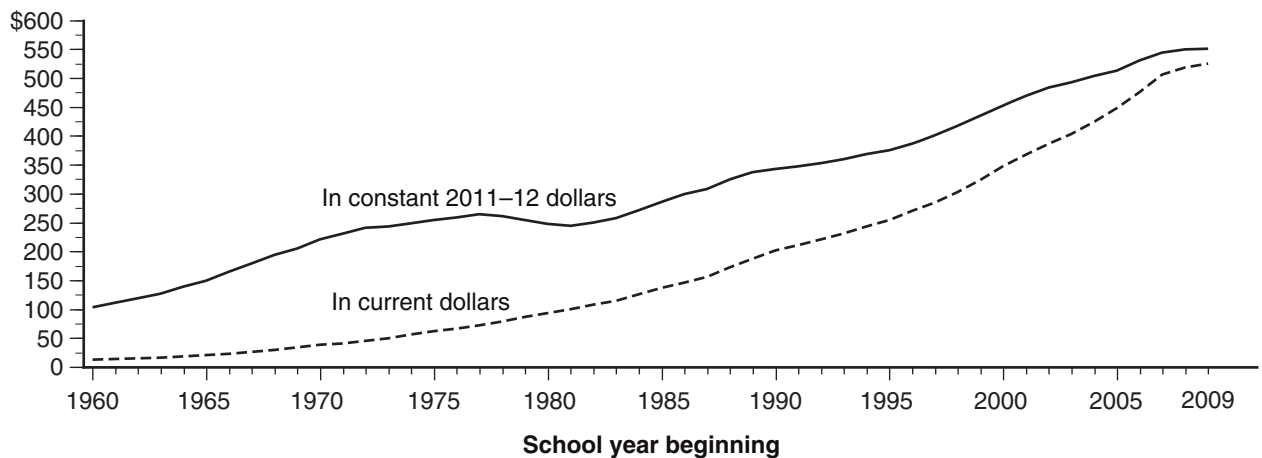
**Fall enrollment, in millions**



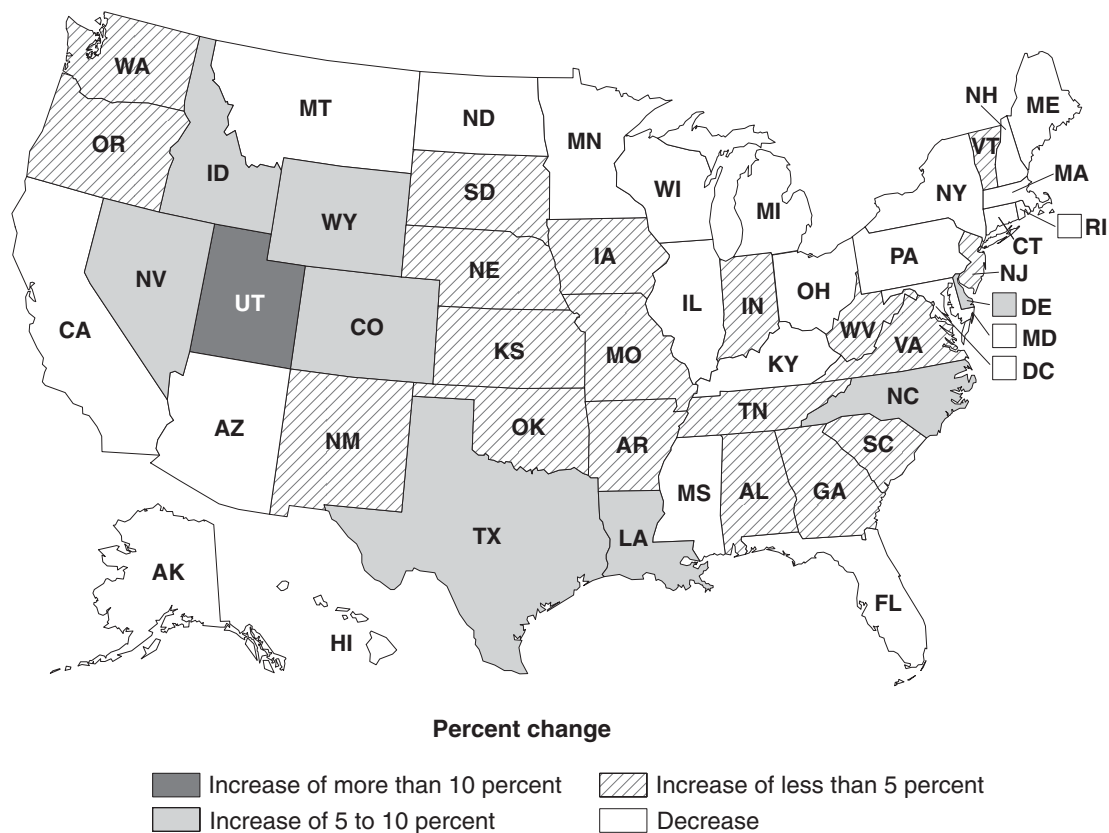
**Teachers, in millions**



**Current expenditures, in billions**



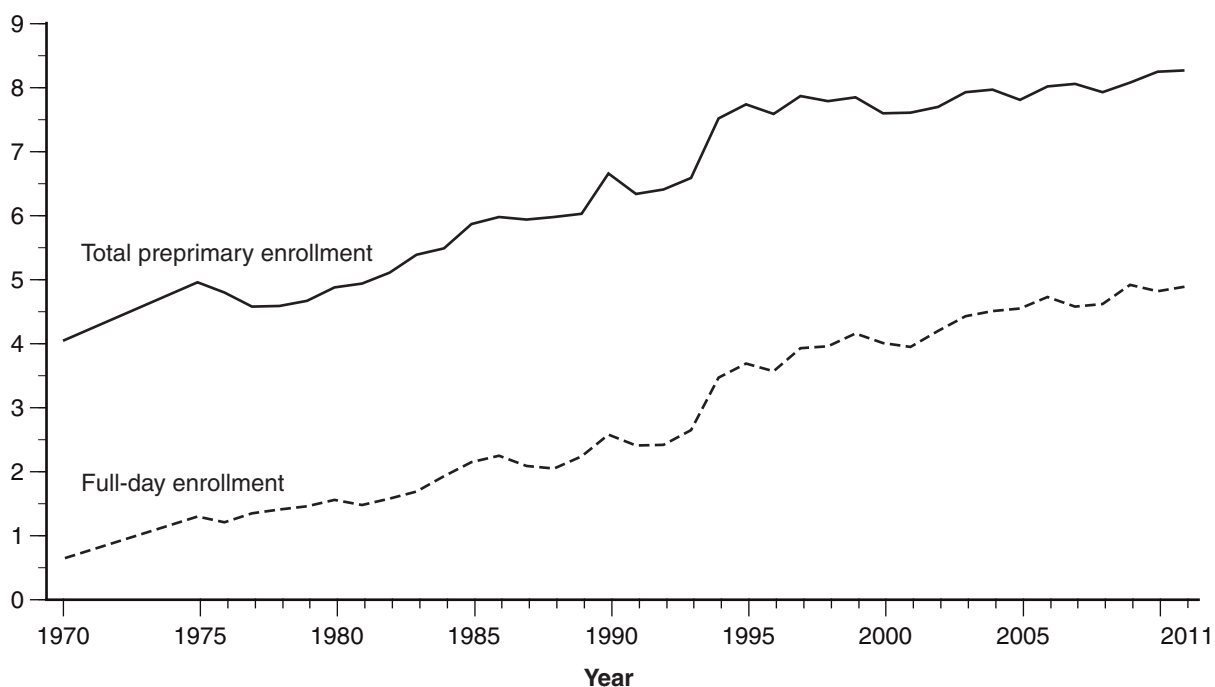
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, 1959–60 through 1969–70; *Statistics of Public Elementary and Secondary Day Schools*, 1959–60 through 1980–81; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1980–81; and Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1981–82 through 2010–11, and “National Public Education Financial Survey,” 1989–90 through 2009–10.

**Figure 8. Percentage change in public elementary and secondary enrollment, by state: Fall 2005 to fall 2010**

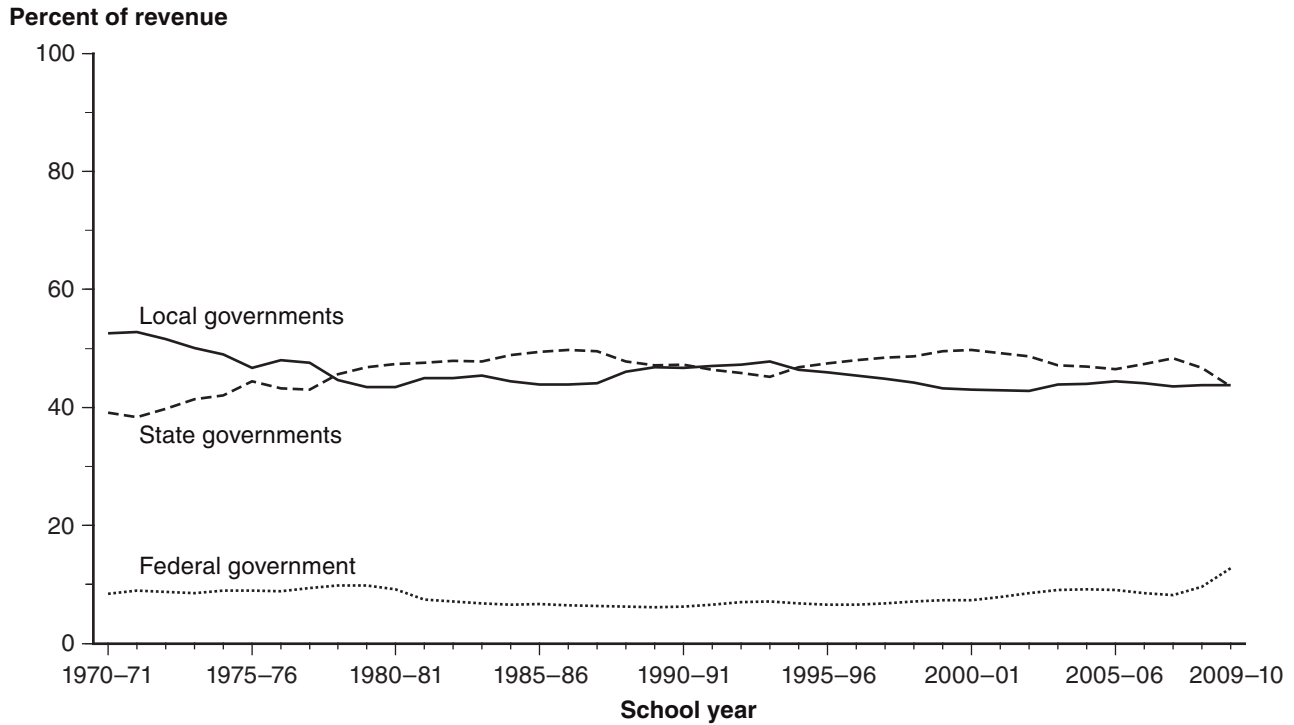
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2005–06 and 2010–11.

**Figure 9. Total and full-day preprimary enrollment of 3- to 5-year-olds: October 1970 through October 2011**

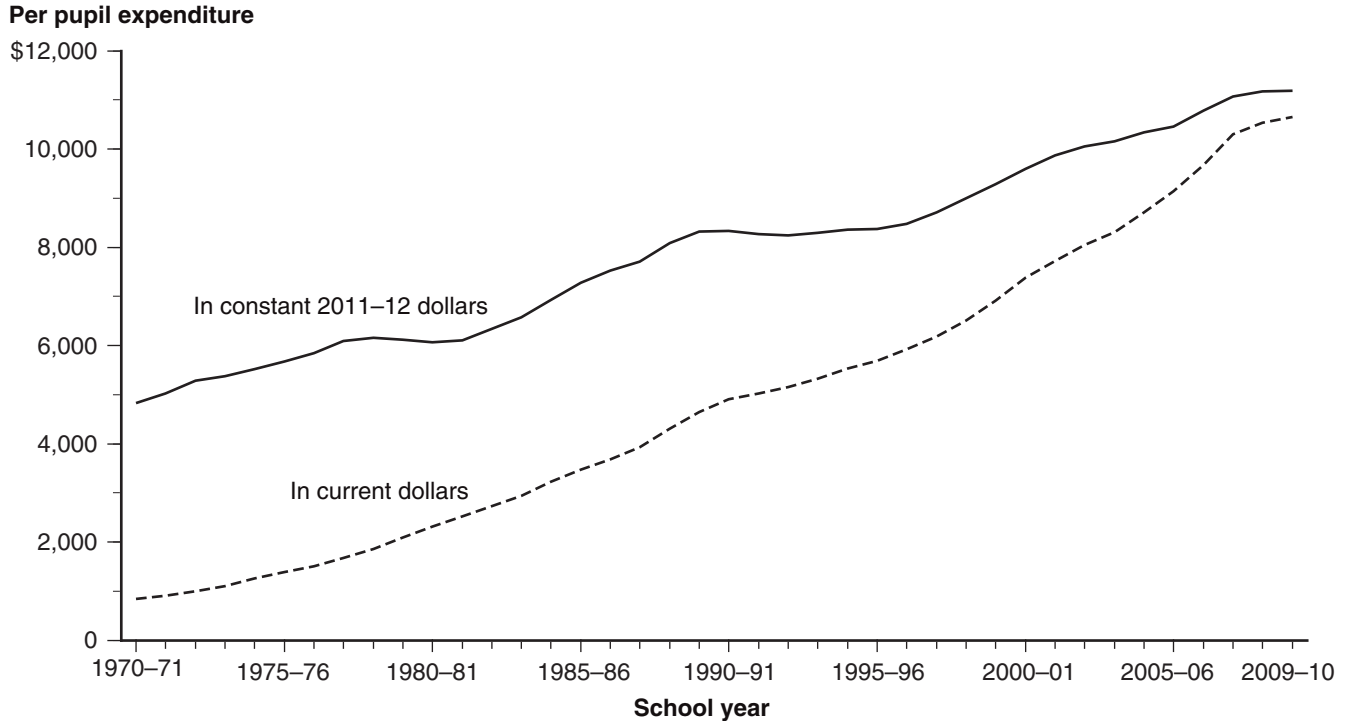
Enrollment, in millions



SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, 1970 and 1975. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 1976 through October 2011.

**Figure 10. Percentage of revenue for public elementary and secondary schools, by source of funds: 1970–71 through 2009–10**

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87; and Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10.

**Figure 11. Current expenditure per pupil in fall enrollment in public elementary and secondary schools: 1970–71 through 2009–10**

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87; and Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10.



**Table 35. Historical summary of public elementary and secondary school statistics: Selected years, 1869–70 through 2009–10—Continued**

Selected characteristic	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1999–2000	2005–06	2006–07	2007–08	2008–09	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>Teacher salaries; income and expenditures per pupil and per capita</b>																			
Annual salary of classroom teachers <sup>11</sup> .....	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,441	\$3,010	\$4,995	\$8,626	\$15,970	\$31,367	\$41,807	\$49,086	\$51,052	\$52,800	\$54,319	\$55,202
Personal income per member of labor force <sup>1</sup> .....	—	—	—	—	—	—	1,726	1,320	3,378	5,738	9,640	19,621	36,793	56,762	70,224	74,412	77,795	80,760	76,987
Total school expenditures per capita of total population .....	2	2	2	3	5	10	19	18	39	88	202	426	862	1,368	1,788	1,884	1,983	2,007	1,979
National income per capita <sup>1</sup> .....	—	—	—	—	—	—	770	626	1,592	2,550	4,412	9,990	19,449	29,953	38,149	40,322	41,152	41,464	39,549
Current expenditure per pupil in ADA <sup>6,12,13</sup> .....	—	—	14	17	28	53	87	88	210	375	816	2,272	4,980	7,394	9,778	10,336	10,982	11,239	11,445
Total expenditure per pupil in ADA <sup>13,14</sup> .....	16	13	17	20	33	64	108	106	260	471	955	2,491	5,547	8,589	11,338	12,015	12,759	13,033	13,041
National income per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	—	4,416	3,720	10,658	13,964	21,188	58,719	127,000	190,793	245,447	260,796	268,577	273,081	264,251
Current expenditure per day per pupil in ADA <sup>6,13,15</sup> .....	—	—	0.10	0.12	0.18	0.33	0.50	0.50	1.17	2.11	4.56	12.73	—	41.22	—	—	61.36	62.79	64.09
Total expenditure per day per pupil in ADA <sup>13</sup> .....	0.12	0.10	0.13	0.14	0.21	0.40	0.63	0.60	1.46	2.65	5.34	13.95	—	47.90	—	—	71.30	72.83	73.04
Amounts in constant 2011–12 dollars <sup>16</sup>																			
Annual salary of classroom teachers <sup>11</sup> .....	—	—	—	—	—	\$10,400	\$18,878	\$23,465	\$28,922	\$38,685	\$51,965	\$46,813	\$56,216	\$56,198	\$56,134	\$56,911	\$56,756	\$57,585	\$57,960
Personal income per member of labor force <sup>1</sup> .....	—	—	—	—	—	—	22,951	21,493	32,455	44,439	58,075	57,516	65,940	76,300	80,308	82,952	83,624	85,616	80,834
Total school expenditures per capita of total population .....	—	—	—	—	—	118	253	291	376	680	1,217	1,250	1,545	1,839	2,044	2,100	2,131	2,128	2,078
National income per capita <sup>1</sup> .....	—	—	—	—	—	—	10,243	10,191	15,297	19,751	26,579	29,284	34,857	40,263	43,627	44,949	44,236	43,958	41,526
Current expenditure per pupil in ADA <sup>6,12,13</sup> .....	—	—	—	—	—	637	1,153	1,435	2,021	2,905	4,916	6,659	8,925	9,939	11,182	11,522	11,805	11,914	12,017
Total expenditure per pupil in ADA <sup>13,14</sup> .....	—	—	—	—	—	764	1,442	1,722	2,502	3,648	5,753	7,301	9,941	11,545	12,966	13,394	13,715	13,816	13,692
National income per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	—	58,705	60,578	102,409	108,146	127,642	172,124	227,609	256,466	280,691	290,725	288,702	289,501	277,455
Current expenditure per day per pupil in ADA <sup>6,13,15</sup> .....	—	—	—	—	—	3.9	6.6	8.1	11.2	16.3	27.5	37.3	—	51.5	—	—	66.0	66.6	67.3
Total expenditure per day per pupil in ADA <sup>13</sup> .....	—	—	—	—	—	4.8	8.4	9.8	14.0	20.5	32.2	40.9	—	59.9	—	—	76.6	77.2	76.7

—Not available.

<sup>1</sup>Data on population and labor force are from the Census Bureau, and data on personal income and national income are from the Bureau of Economic Analysis, U.S. Department of Commerce. Population data through 1900 are based on total population from the decennial census. From 1909–10 to 1959–60, population data are total population, including armed forces overseas, as of July 1. Data for later years are for resident population that excludes armed forces overseas.

<sup>2</sup>Data for 1869–70 through 1959–60 are school year enrollment. Data for later years are fall enrollment.

<sup>3</sup>Data for 1870–71.

<sup>4</sup>Estimated by the National Center for Education Statistics.

<sup>5</sup>Prior to 1919–20, data are for the number of different persons employed rather than number of positions.

<sup>6</sup>Prior to 1919–20, includes interest on school debt.

<sup>7</sup>Because of the modification of the scope of “current expenditures for elementary and secondary schools,” data for 1959–60 and later years are not entirely comparable with prior years.

<sup>8</sup>Beginning in 1969–70, includes capital outlay by state and local school building authorities.

<sup>9</sup>Includes summer schools, community colleges, and adult education. Beginning in 1959–60, also includes community services, formerly classified with “current expenditures for elementary and secondary schools.”

<sup>10</sup>Excludes community colleges and adult education.

<sup>11</sup>Prior to 1959–60, average includes supervisors, principals, teachers, and other nonsupervisory instructional staff. Data for 1959–60 and later years are estimated by the National Education Association.

<sup>12</sup>Excludes current expenditures not allocable to pupil costs.

<sup>13</sup>“ADA” means average daily attendance in elementary and secondary schools.

<sup>14</sup>Expenditure figure is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.

<sup>15</sup>Per-day rates derived by dividing annual rates by average length of term.

<sup>16</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Some data have been revised from previously published figures. Beginning in 1959–60, data include Alaska and Hawaii. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the United States Commissioner of Education, 1869–70 through 1909–10; Biennial Survey of Education in the United States, 1919–20 through 1949–50; Statistics of State School Systems, 1959–60 and 1969–70; Statistics of Public Elementary and Secondary School Systems, 1979–80; Revenues and Expenditures for Public Elementary and Secondary Education, FY 1980; Schools and Staffing Survey (SASS), “Public School Questionnaire,” 1999–2000 and 2007–08; Common Core of Data (CCD), “State Nonfiscal Survey of Public Elementary/Secondary Education,” 1989–90 through 2010–11, and “National Public Financial Survey,” 1989–90 through 2009–10. U.S. Department of Commerce, Census Bureau, retrieved August 17, 2012, from <http://www.census.gov/popest/data/state/asrh/2011/index.html>. U.S. Department of Commerce, Bureau of Economic Analysis, retrieved December 21, 2012, from [http://www.bea.gov/ITable/index\\_nipa.cfm](http://www.bea.gov/ITable/index_nipa.cfm). U.S. Department of Labor, Bureau of Labor Statistics, retrieved December 21, 2012, from <http://www.bls.gov/webapps/legacy/cpsatab1.htm>. (This table was prepared January 2013.)*



**Table 36. Enrollment in public elementary and secondary schools, by region, state, and jurisdiction: Selected years, fall 1990 through fall 2021—Continued**

Region, state, and jurisdiction	Actual total enrollment													Percent change in total enrollment, 2005 to 2010	Projected total enrollment						Percent change in total enrollment, 2010 to 2021
	Fall 1990	Fall 1995	Fall 2000	Fall 2001	Fall 2002	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010		Fall 2011	Fall 2012	Fall 2013	Fall 2015	Fall 2020	Fall 2021	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Vermont.....	95,762	105,565	102,049	101,179	99,978	99,103	98,352	96,638	95,399	94,038	93,625	91,451	96,858	0.2	95,900	95,100	94,700	95,500	99,700	100,700	4.0
Virginia.....	998,601	1,079,854	1,144,915	1,163,091	1,177,229	1,192,092	1,204,739	1,213,616	1,220,440	1,230,857	1,235,795	1,245,340	1,251,440	3.1	1,256,300	1,262,800	1,271,500	1,297,300	1,368,500	1,384,500	10.6
Washington.....	839,709	956,572	1,004,770	1,009,200	1,014,798	1,021,349	1,020,005	1,031,985	1,026,774	1,030,247	1,037,018	1,035,347	1,043,788	1.1	1,049,500	1,058,200	1,068,600	1,097,900	1,192,400	1,215,200	16.4
West Virginia.....	322,389	307,112	286,367	282,885	282,455	281,215	280,129	280,866	281,939	282,535	282,729	282,662	282,879	0.7	281,300	280,200	278,400	275,500	262,200	259,300	-8.3
Wisconsin.....	797,621	870,175	879,476	879,361	881,231	880,031	864,757	875,174	876,700	874,633	873,750	872,436	872,286	-0.3	871,400	872,800	876,900	889,600	922,500	928,800	6.5
Wyoming.....	98,226	99,859	89,940	88,128	88,116	87,462	84,733	84,409	85,193	86,422	87,161	88,155	89,009	5.4	89,800	90,500	91,500	93,100	93,600	93,000	4.5
<b>Jurisdiction</b>																					
Bureau of Indian Education.....	—	—	46,938	46,476	46,126	45,828	45,828	50,938	—	—	40,927	41,351	41,962	-17.6	—	—	—	—	—	—	—
DoD, overseas.....	—	—	73,581	73,212	72,889	71,053	68,327	62,543	60,891	57,247	56,768	—	—	—	—	—	—	—	—	—	—
DoD, domestic.....	—	—	34,174	32,847	32,115	30,603	29,151	28,329	26,631	27,548	28,013	—	—	—	—	—	—	—	—	—	—
Other jurisdictions																					
American Samoa.....	12,463	14,576	15,702	15,897	15,984	15,893	16,126	16,438	16,400	—	—	—	—	—	—	—	—	—	—	—	—
Guam.....	26,391	32,960	32,473	31,992	—	31,572	30,605	30,986	—	—	—	—	31,618	2.0	—	—	—	—	—	—	—
Northern Marianas.....	6,449	8,809	10,004	10,479	11,251	11,244	11,601	11,718	11,695	11,299	10,913	10,961	11,105	-5.2	—	—	—	—	—	—	—
Puerto Rico.....	644,734	627,620	612,725	604,177	596,502	584,916	575,648	563,490	544,138	526,565	503,635	493,393	473,735	-15.9	—	—	—	—	—	—	—
U.S. Virgin Islands.....	21,750	22,737	19,459	18,780	18,333	17,716	16,429	16,750	16,284	15,903	15,768	15,493	15,495	-7.5	—	—	—	—	—	—	—

—Not available.

NOTE: DoD = Department of Defense. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Non-fiscal Survey of Public Elementary/Secondary Education," 1990–91 through 2010–11, and *Projections of Education Statistics to 2021*. (This table was prepared June 2012.)





**Table 37. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2010—Continued**

State or jurisdiction	Total, all grades	Prekindergarten through grade 8 and elementary ungraded												Grades 9 through 12 and secondary ungraded					
		Total	Prekinder- garten	Kinder- garten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Elementary ungraded	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary ungraded
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
South Carolina .....	725,838	515,581	24,188	54,624	55,328	53,846	54,100	55,636	55,887	54,788	54,280	52,904	0	210,257	62,161	54,685	48,708	44,703	0
South Dakota .....	126,128	87,936	1,974	11,049	9,903	9,498	9,233	9,140	9,321	9,331	9,212	9,275	0	38,192	10,307	9,779	9,043	9,063	0
Tennessee .....	987,422	701,707	28,787	76,642	76,706	74,788	74,793	75,481	75,057	74,615	73,363	71,475	0	285,715	76,010	73,509	68,755	67,441	0
Texas .....	4,935,715	3,586,609	249,122	374,195	387,899	379,910	375,454	374,111	372,509	361,700	357,395	354,314	0	1,349,106	391,554	344,241	314,911	298,400	0
Utah .....	585,552	424,979	10,376	48,043	48,770	48,122	46,753	46,127	45,822	44,797	43,942	42,227	0	160,573	41,419	40,964	39,446	38,744	0
Vermont .....	96,858	67,989	10,678	6,259	6,213	6,171	6,214	6,291	6,294	6,484	6,628	6,757	0	28,869	7,139	7,287	7,329	7,114	0
Virginia .....	1,251,440	871,446	30,821	92,899	95,368	93,687	93,328	93,965	94,182	92,762	92,557	91,877	0	379,994	102,407	96,918	91,403	89,266	0
Washington .....	1,043,788	714,172	12,056	75,933	78,598	77,707	76,802	78,546	79,062	78,531	78,489	78,448	0	329,616	84,449	81,990	79,465	83,712	0
West Virginia .....	282,879	201,472	14,660	21,256	21,167	20,299	20,786	20,493	20,842	20,595	20,919	20,455	0	81,407	22,785	21,037	19,155	18,430	0
Wisconsin .....	872,286	598,479	50,200	60,721	61,262	60,226	59,981	61,015	61,420	61,053	61,264	61,337	0	273,807	68,383	66,490	69,076	69,858	0
Wyoming .....	89,009	62,786	582	7,611	7,124	7,064	6,801	6,694	6,711	6,766	6,776	6,657	0	26,223	6,842	6,724	6,424	6,233	0
Bureau of Indian Education .....	41,962	31,985	—	4,721	4,042	3,794	3,554	3,397	3,292	3,195	2,998	2,992	0	9,977	2,802	2,663	2,309	2,203	0
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions																			
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	31,618	21,561	68	2,102	2,324	2,290	2,302	2,412	2,441	2,469	2,382	2,771	0	10,057	3,404	2,713	2,096	1,844	0
Northern Marianas .....	11,105	7,688	462	604	775	782	818	841	855	826	856	816	53	3,417	1,088	873	740	716	0
Puerto Rico .....	473,735	334,613	866	30,968	36,217	33,432	34,442	36,919	36,860	37,066	40,264	37,481	10,098	139,122	36,913	35,093	32,470	29,640	5,006
U.S. Virgin Islands .....	15,495	10,518	—	1,063	1,099	1,138	1,182	1,243	1,217	1,183	1,234	1,159	0	4,977	1,677	1,120	1,098	1,082	0

—Not available.

NOTE: DoD = Department of Defense. The total ungraded counts of students were prorated to the elementary and secondary levels based on prior reports.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Non-fiscal Survey of Public Elementary/Secondary Education," 2010–11. (This table was prepared May 2012.)



**Table 38. Enrollment in public elementary and secondary schools, by level, grade, and state or jurisdiction: Fall 2009—Continued**

State or jurisdiction	Total, all grades	Prekindergarten through grade 8 and elementary ungraded												Grades 9 through 12 and secondary ungraded					
		Total	Prekinder- garten	Kinder- garten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Elementary ungraded	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary ungraded
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
South Carolina .....	723,143	512,124	24,425	53,615	54,538	54,158	55,491	55,671	54,346	53,869	53,300	52,711	0	211,019	62,997	55,250	48,408	44,364	0
South Dakota .....	123,713	85,745	1,367	10,560	9,518	9,234	9,062	9,245	9,172	9,117	9,219	9,251	0	37,968	10,286	9,767	9,174	8,741	0
Tennessee .....	972,549	686,668	16,506	76,745	76,356	74,825	75,705	75,052	74,810	73,420	72,199	71,050	0	285,881	77,576	73,927	68,012	66,366	0
Texas .....	4,850,210	3,520,348	239,030	369,433	383,572	374,560	373,653	368,175	361,413	352,562	351,426	346,524	0	1,329,862	393,182	335,262	310,288	291,130	0
Utah .....	571,586	413,343	8,225	47,684	48,033	46,514	45,972	45,610	44,706	43,534	42,068	40,997	0	158,243	40,782	39,775	38,691	38,995	0
Vermont .....	91,451	62,186	4,837	6,216	6,207	6,159	6,256	6,237	6,465	6,551	6,611	6,647	0	29,265	7,379	7,419	7,139	7,328	0
Virginia .....	1,245,340	864,020	30,600	92,281	93,977	93,141	93,366	93,708	91,852	92,014	91,006	92,075	0	381,320	104,717	97,969	90,795	87,839	0
Washington .....	1,035,347	705,387	11,037	74,547	77,266	75,912	77,707	78,270	78,158	77,666	77,618	77,206	0	329,960	85,551	81,220	79,585	83,604	0
West Virginia .....	282,662	200,313	13,894	21,454	20,741	20,885	20,394	20,790	20,347	20,793	20,499	20,516	0	82,349	23,702	20,696	19,263	18,688	0
Wisconsin .....	872,436	593,436	47,054	61,094	60,197	59,557	60,661	61,242	60,413	60,656	60,814	61,748	0	279,000	69,323	68,291	70,144	71,242	0
Wyoming .....	88,155	61,825	534	7,406	7,064	6,774	6,693	6,683	6,695	6,763	6,607	6,606	0	26,330	6,792	7,031	6,347	6,160	0
Bureau of Indian Education .....	41,351	31,381	91	4,528	3,941	3,711	3,484	3,423	3,192	3,157	2,994	2,860	0	9,970	2,818	2,749	2,215	2,188	0
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions																			
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	10,961	7,743	462	632	766	813	839	862	819	891	782	823	54	3,218	976	827	780	635	0
Puerto Rico .....	493,393	347,638	270	31,976	36,254	35,389	37,306	38,583	38,452	38,553	41,773	39,143	9,939	145,755	38,831	38,853	33,727	29,374	4,970
U.S. Virgin Islands .....	15,493	10,409	—	1,006	1,048	1,162	1,150	1,212	1,209	1,160	1,359	1,103	0	5,084	1,685	1,242	1,133	1,024	0

—Not available.

NOTE: DoD = Department of Defense. The total ungraded counts of students were prorated to the elementary and secondary levels based on prior reports. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Non-fiscal Survey of Public Elementary/Secondary Education," 2009–10. (This table was prepared May 2012.)



**Table 40. Number and percentage of homeschooled students ages 5 through 17 with a grade equivalent of kindergarten through 12th grade, by selected child, parent, and household characteristics: 1999, 2003, and 2007**

[Standard errors appear in parentheses]

Selected child, parent, or household characteristic	1999			2003			2007		
	Number of students <sup>1</sup> (in thousands)	Number homeschooled (in thousands)	Percent homeschooled	Number of students <sup>1</sup> (in thousands)	Number homeschooled (in thousands)	Percent homeschooled	Number of students <sup>1</sup> (in thousands)	Number homeschooled (in thousands)	Percent homeschooled
1	2	3	4	5	6	7	8	9	10
<b>Total</b> .....	<b>50,188 (72.7)</b>	<b>850 (71.1)</b>	<b>1.7 (0.14)</b>	<b>50,707 (89.3)</b>	<b>1,096 (92.3)</b>	<b>2.2 (0.18)</b>	<b>51,135 (155.3)</b>	<b>1,508 (117.9)</b>	<b>2.9 (0.23)</b>
Sex of child									
Male .....	25,515 (233.9)	417 (43.9)	1.6 (0.17)	25,819 (286.8)	569 (61.9)	2.2 (0.24)	26,286 (355.6)	633 (75.2)	2.4 (0.28)
Female .....	24,673 (238.7)	434 (46.1)	1.8 (0.19)	24,888 (277.7)	527 (58.2)	2.1 (0.23)	24,849 (386.9)	875 (97.7)	3.5 (0.39)
Race/ethnicity of child									
White .....	32,474 (168.2)	640 (62.3)	2.0 (0.19)	31,584 (187.2)	843 (77.5)	2.7 (0.25)	29,815 (197.9)	1159 (101.6)	3.9 (0.34)
Black .....	8,047 (102.3)	84 (24.8)	1.0 (0.31)	7,985 (45.7)	103 ! (33.9)	1.3 ! (0.42)	7,523 (114.0)	61 ! (21.2)	0.8 ! (0.28)
Hispanic .....	7,043 (85.5)	77 (17.7)	1.1 (0.25)	8,075 (35.1)	59 ! (21.1)	0.7 ! (0.26)	9,589 (84.8)	147 (27.5)	1.5 (0.29)
Other .....	2,623 (114.2)	49 ! (17.2)	1.9 ! (0.65)	3,063 (161.1)	91 ! (31.5)	3.0 ! (1.02)	4,208 (170.6)	141 (36.1)	3.3 (0.86)
Grade equivalent <sup>2</sup>									
Kindergarten through 5th grade .....	24,428 (20.5)	428 (48.1)	1.8 (0.20)	24,269 (24.7)	472 (55.3)	1.9 (0.23)	23,529 (68.1)	717 (83.8)	3.0 (0.36)
Kindergarten .....	3,790 (20.0)	92 (19.7)	2.4 (0.52)	3,643 (24.7)	98 (23.5)	2.7 (0.64)	3,669 (67.9)	114 ! (35.4)	3.1 ! (0.96)
Grades 1 through 3 .....	12,692 (6.2)	199 (36.7)	1.6 (0.29)	12,098 (#)	214 (33.3)	1.8 (0.28)	11,965 (2.4)	406 (64.5)	3.4 (0.54)
Grades 4 through 5 .....	7,946 (1.3)	136 (22.5)	1.7 (0.28)	8,528 (#)	160 (30.1)	1.9 (0.35)	7,895 (2.1)	197 (41.4)	2.5 (0.52)
Grades 6 through 8 .....	11,788 (3.4)	186 (28.0)	1.6 (0.24)	12,472 (6.5)	302 (44.9)	2.4 (0.36)	12,435 (0.7)	359 (64.9)	2.9 (0.52)
Grades 9 through 12 .....	13,954 (70.5)	235 (33.2)	1.7 (0.24)	13,958 (81.8)	315 (47.0)	2.3 (0.33)	15,161 (129.3)	422 (58.2)	2.8 (0.38)
Number of children in the household									
One child .....	8,226 (153.8)	120 (20.3)	1.5 (0.24)	8,033 (218.1)	110 (22.3)	1.4 (0.27)	8,463 (227.1)	187 (31.4)	2.2 (0.37)
Two children .....	19,883 (211.4)	207 (27.1)	1.0 (0.14)	20,530 (319.4)	306 (45.1)	1.5 (0.22)	20,694 (295.3)	412 (67.3)	2.0 (0.33)
Three or more children .....	22,078 (241.2)	523 (65.2)	2.4 (0.30)	22,144 (362.8)	679 (80.2)	3.1 (0.36)	21,979 (331.0)	909 (102.4)	4.1 (0.46)
Number of parents in the household									
Two parents .....	33,007 (203.8)	683 (68.3)	2.1 (0.21)	35,936 (315.1)	886 (82.7)	2.5 (0.23)	37,262 (302.1)	1348 (111.5)	3.6 (0.30)
One parent .....	15,454 (209.4)	142 (25.0)	0.9 (0.16)	13,260 (319.2)	196 (42.6)	1.5 (0.32)	11,734 (299.2)	115 (28.4)	1.0 (0.24)
Nonparental guardians .....	1,727 (86.0)	† (†)	† (†)	1,511 (100.1)	† (†)	† (†)	2,139 (203.2)	45 ! (17.3)	2.1 ! (0.81)
Parent participation in the labor force									
Two parents—both in labor force .....	22,880 (241.5)	237 (39.8)	1.0 (0.17)	25,108 (373.1)	274 (44.1)	1.1 (0.18)	26,075 (318.9)	509 (76.8)	2.0 (0.30)
Two parents—one in labor force .....	9,628 (194.4)	444 (53.8)	4.6 (0.55)	10,545 (297.2)	594 (73.7)	5.6 (0.67)	10,776 (284.8)	808 (94.3)	7.5 (0.82)
One parent—in labor force .....	13,907 (220.0)	98 (21.8)	0.7 (0.16)	12,045 (267.9)	174 (39.8)	1.4 (0.33)	9,989 (277.2)	127 (29.5)	1.3 (0.30)
No parent participation in labor force .....	3,773 (162.3)	71 (18.8)	1.9 (0.48)	3,008 (171.4)	54 ! (23.7)	1.8 ! (0.78)	4,296 (228.0)	64 ! (20.6)	1.5 ! (0.48)
Highest education level of parents									
High school diploma or less .....	18,334 (217.3)	160 (26.5)	0.9 (0.15)	16,106 (272.3)	269 (51.6)	1.7 (0.32)	14,303 (292.6)	206 (35.6)	1.4 (0.24)
Vocational/technical or some college .....	15,177 (215.2)	287 (37.3)	1.9 (0.24)	16,068 (323.4)	338 (57.7)	2.1 (0.36)	14,584 (326.3)	549 (77.3)	3.8 (0.52)
Bachelor's degree/some graduate school .....	9,412 (179.0)	230 (36.3)	2.4 (0.37)	10,849 (275.0)	309 (48.5)	2.8 (0.45)	12,321 (281.6)	502 (70.1)	4.1 (0.57)
Graduate/professional degree .....	7,264 (179.9)	173 (39.9)	2.4 (0.54)	7,683 (239.5)	180 (41.6)	2.3 (0.55)	9,927 (242.9)	251 (41.0)	2.5 (0.41)
Household income									
\$25,000 or less .....	16,776 (116.9)	262 (45.0)	1.6 (0.27)	12,375 (53.6)	283 (56.0)	2.3 (0.45)	11,544 (123.8)	239 (49.9)	2.1 (0.43)
\$25,001 to \$50,000 .....	15,220 (232.7)	278 (36.7)	1.8 (0.24)	13,220 (270.2)	311 (49.9)	2.4 (0.37)	10,592 (236.4)	364 (56.9)	3.4 (0.52)
\$50,001 to \$75,000 .....	8,576 (189.3)	162 (25.5)	1.9 (0.30)	10,961 (282.2)	264 (51.1)	2.4 (0.46)	10,289 (232.9)	405 (57.9)	3.9 (0.56)
Over \$75,000 .....	9,615 (211.2)	148 (26.5)	1.5 (0.28)	14,150 (261.7)	238 (45.8)	1.7 (0.33)	18,710 (232.6)	501 (74.9)	2.7 (0.40)
Urbanicity									
City .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	15,998 (292.3)	327 (40.4)	2.0 (0.26)
Suburb .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	18,988 (291.3)	503 (78.8)	2.6 (0.41)
Town .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	5,574 (209.4)	165 (37.2)	3.0 (0.66)
Rural .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	10,576 (110.9)	513 (75.5)	4.9 (0.71)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Refers to all students in public and private schools and homeschooled students.<sup>2</sup>Students whose grade equivalent was "ungraded" were excluded from the grade analysis. The percentage of students with an "ungraded" grade equivalent was 0.03 percent in 1999 and 0.02 percent in 2003 and 2007.

NOTE: The number and percentage of homeschoolers exclude students who were enrolled in school for more than 25 hours a week; also excluded in 1999 and 2003 are students who were homeschooled only due to a temporary illness and, in 2007, students who were homeschooled primarily due to a temporary illness. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Homeschooling in the United States: 2003*; and Parent Survey (Parent: 1999) and Parent and Family Involvement in Education Survey (PFI:2003 and PFI:2007) of the National Household Education Surveys Program. (This table was prepared July 2010.)

**Table 41. Percentage distribution of students ages 5 through 17 attending kindergarten through 12th grade, by school type or participation in homeschooling and selected child, parent, and household characteristics: 1999, 2003, and 2007**

[Standard errors appear in parentheses]

Selected child, parent, or household characteristic	1999				2003				2007			
	Public school		Private school	Homeschooled <sup>1</sup>	Public school		Private school	Homeschooled <sup>1</sup>	Public school		Private school	Homeschooled <sup>1</sup>
	Assigned	Chosen			Assigned	Chosen			Assigned	Chosen		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total .....</b>	<b>74.1 (0.45)</b>	<b>14.3 (0.33)</b>	<b>10.0 (0.28)</b>	<b>1.7 (0.14)</b>	<b>72.1 (0.57)</b>	<b>15.0 (0.41)</b>	<b>10.8 (0.39)</b>	<b>2.2 (0.18)</b>	<b>70.6 (0.70)</b>	<b>15.0 (0.55)</b>	<b>11.4 (0.45)</b>	<b>2.9 (0.23)</b>
Sex of child												
Male .....	74.8 (0.60)	13.9 (0.44)	9.7 (0.34)	1.6 (0.17)	72.1 (0.70)	15.0 (0.56)	10.7 (0.48)	2.2 (0.24)	70.7 (1.05)	15.3 (0.79)	11.5 (0.73)	2.4 (0.28)
Female .....	73.4 (0.61)	14.6 (0.45)	10.3 (0.41)	1.8 (0.19)	72.1 (0.78)	14.9 (0.54)	10.8 (0.51)	2.1 (0.23)	70.5 (0.88)	14.7 (0.64)	11.2 (0.54)	3.5 (0.39)
Race/ethnicity of child												
White .....	75.0 (0.54)	11.2 (0.35)	11.8 (0.39)	2.0 (0.19)	72.7 (0.67)	12.4 (0.47)	12.2 (0.48)	2.7 (0.25)	69.9 (0.80)	12.0 (0.46)	14.2 (0.61)	3.9 (0.34)
Black .....	70.2 (1.24)	22.6 (1.22)	6.2 (0.47)	1.0 (0.31)	66.6 (1.49)	23.4 (1.45)	8.6 (0.85)	1.3 ! (0.42)	68.4 (2.30)	23.0 (2.20)	7.8 (1.33)	0.8 ! (0.28)
Hispanic .....	76.0 (1.02)	17.6 (0.91)	5.2 (0.40)	1.1 (0.25)	77.2 (1.17)	15.0 (0.99)	7.1 (0.66)	0.7 ! (0.26)	74.6 (1.41)	17.5 (1.25)	6.3 (0.57)	1.5 (0.29)
Other .....	69.5 (2.20)	17.6 (1.99)	11.0 (1.35)	1.9 ! (0.65)	67.1 (2.59)	18.7 (1.94)	11.3 (1.61)	3.0 ! (1.02)	70.4 (2.23)	16.7 (1.79)	9.4 (1.12)	3.3 (0.86)
Disability status of child as reported by parent												
Has a disability .....	74.8 (0.93)	15.3 (0.78)	8.0 (0.49)	1.8 (0.27)	72.4 (1.12)	16.2 (0.75)	9.2 (0.70)	2.2 (0.35)	72.7 (1.35)	14.0 (0.91)	10.5 (0.96)	2.6 (0.48)
Does not have a disability .....	73.9 (0.51)	14.0 (0.36)	10.5 (0.34)	1.7 (0.16)	72.0 (0.67)	14.5 (0.51)	11.3 (0.44)	2.1 (0.21)	69.9 (0.76)	15.3 (0.63)	11.7 (0.48)	3.1 (0.28)
Grade equivalent <sup>2</sup>												
Kindergarten through 5th grade .....	71.5 (0.61)	15.1 (0.43)	11.6 (0.41)	1.8 (0.20)	70.1 (0.70)	16.2 (0.56)	11.8 (0.53)	1.9 (0.23)	68.5 (1.16)	16.2 (1.04)	12.2 (0.69)	3.0 (0.36)
Kindergarten .....	66.2 (1.67)	15.4 (1.13)	15.9 (1.29)	2.4 (0.52)	69.0 (1.50)	15.5 (1.18)	12.8 (1.21)	2.7 (0.64)	66.4 (2.20)	14.7 (1.60)	15.8 (1.61)	3.1 ! (0.96)
Grades 1 through 3 .....	72.2 (0.87)	15.3 (0.67)	10.9 (0.53)	1.6 (0.29)	70.0 (1.18)	16.2 (0.96)	12.1 (0.73)	1.8 (0.28)	68.4 (1.68)	15.9 (1.63)	12.3 (0.93)	3.4 (0.54)
Grades 4 through 5 .....	72.9 (1.17)	14.6 (0.79)	10.7 (0.77)	1.7 (0.28)	70.7 (1.12)	16.5 (0.96)	10.9 (0.76)	1.9 (0.35)	69.7 (1.62)	17.5 (1.34)	10.3 (1.08)	2.5 (0.52)
Grades 6 through 8 .....	77.4 (0.79)	11.5 (0.65)	9.5 (0.47)	1.6 (0.24)	73.3 (1.03)	14.1 (0.81)	10.2 (0.59)	2.4 (0.36)	74.4 (1.44)	11.6 (0.81)	11.0 (1.14)	2.9 (0.52)
Grades 9 through 12 .....	75.7 (0.75)	15.1 (0.60)	7.5 (0.44)	1.7 (0.24)	74.6 (0.97)	13.6 (0.76)	9.5 (0.63)	2.3 (0.33)	70.8 (1.07)	15.9 (0.84)	10.5 (0.75)	2.8 (0.38)
Number of parents in the household												
Two parents .....	74.5 (0.54)	12.0 (0.35)	11.5 (0.37)	2.1 (0.21)	71.8 (0.67)	13.6 (0.51)	12.1 (0.47)	2.5 (0.23)	69.5 (0.73)	13.8 (0.49)	12.9 (0.52)	3.6 (0.30)
One parent .....	73.5 (0.78)	18.2 (0.55)	7.3 (0.47)	0.9 (0.16)	72.9 (1.09)	18.0 (0.98)	7.6 (0.67)	1.5 (0.32)	73.6 (1.39)	17.2 (1.14)	8.1 (1.18)	1.0 (0.24)
Nonparental guardians .....	71.6 (2.70)	21.9 (2.72)	5.1 (0.84)	† (†)	73.2 (3.05)	20.1 (2.59)	5.8 (1.36)	† (†)	72.2 (5.91)	23.0 (6.19)	2.6 (0.74)	2.1 ! (0.81)
Highest education level of parents												
Less than a high school diploma .....	79.1 (1.38)	18.0 (1.46)	2.7 (0.51)	0.2 ! (0.10)	76.9 (2.06)	18.9 (1.76)	2.9 ! (1.18)	† (†)	83.3 (2.03)	12.7 (1.53)	3.5 ! (1.81)	0.5 ! (0.23)
High school diploma or GED .....	79.0 (0.84)	14.3 (0.72)	5.6 (0.44)	1.1 (0.19)	77.8 (1.01)	15.5 (0.89)	4.9 (0.45)	1.8 (0.34)	78.8 (1.90)	15.1 (1.84)	4.1 (0.63)	1.9 (0.36)
Vocational/technical or some college .....	75.8 (0.72)	14.7 (0.63)	7.7 (0.40)	1.9 (0.24)	74.0 (0.97)	15.5 (0.74)	8.3 (0.58)	2.1 (0.36)	72.0 (1.03)	15.3 (0.99)	8.8 (0.70)	3.8 (0.52)
Bachelor's degree/some graduate school .....	68.6 (1.06)	13.2 (0.75)	15.8 (0.75)	2.4 (0.37)	67.1 (1.00)	13.2 (0.84)	16.8 (0.90)	2.8 (0.45)	66.8 (1.24)	14.8 (1.02)	14.3 (0.87)	4.1 (0.57)
Graduate/professional degree .....	65.0 (1.14)	12.4 (0.77)	20.2 (0.91)	2.4 (0.54)	63.6 (1.50)	13.5 (1.14)	20.5 (1.28)	2.3 (0.55)	59.2 (1.37)	15.9 (1.01)	22.4 (1.22)	2.5 (0.41)
Poverty status of household												
Below poverty .....	74.8 (1.16)	19.2 (1.06)	4.3 (0.50)	1.7 (0.34)	76.3 (1.28)	17.7 (1.10)	3.7 (0.67)	2.3 (0.58)	76.6 (2.48)	17.8 (2.35)	3.7 (1.04)	1.8 (0.40)
Between poverty and 200 percent of poverty .....	76.8 (0.79)	15.3 (0.70)	5.9 (0.48)	2.0 (0.31)	75.1 (1.17)	16.0 (0.87)	5.9 (0.69)	3.1 (0.50)	74.4 (1.45)	16.2 (1.15)	5.2 (0.69)	4.1 (0.69)
At or above 200 percent of poverty .....	72.5 (0.57)	11.8 (0.34)	14.0 (0.47)	1.6 (0.18)	69.8 (0.70)	13.8 (0.54)	14.6 (0.54)	1.8 (0.21)	67.6 (0.75)	13.8 (0.48)	15.7 (0.54)	2.9 (0.30)
Urbanicity												
City .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	61.7 (1.46)	22.1 (1.38)	14.2 (0.97)	2.0 (0.26)
Suburb .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	72.7 (0.95)	11.8 (0.67)	12.8 (0.68)	2.6 (0.41)
Town .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	77.3 (1.77)	12.4 (1.43)	7.1 (0.75)	3.0 (0.66)
Rural .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	76.7 (1.36)	11.5 (1.03)	6.8 (1.09)	4.9 (0.71)
Region												
Northeast .....	72.8 (1.06)	13.4 (0.78)	12.6 (0.63)	1.1 (0.30)	71.6 (1.42)	11.9 (1.02)	14.6 (1.03)	1.8 ! (0.58)	72.5 (1.42)	11.8 (1.11)	13.6 (0.98)	2.1 (0.47)
South .....	75.4 (0.65)	13.2 (0.52)	9.3 (0.43)	2.0 (0.28)	74.2 (0.88)	14.9 (0.72)	8.3 (0.58)	2.6 (0.39)	71.9 (1.15)	13.6 (0.96)	10.8 (0.58)	3.7 (0.46)
Midwest .....	74.3 (0.80)	13.4 (0.72)	10.9 (0.61)	1.4 (0.24)	69.9 (1.27)	14.4 (0.92)	13.8 (1.04)	2.0 (0.37)	70.8 (1.54)	14.2 (1.06)	12.8 (1.14)	2.2 (0.53)
West .....	72.7 (0.95)	17.7 (0.73)	7.5 (0.49)	2.0 (0.34)	71.9 (1.07)	17.9 (0.97)	8.3 (0.59)	2.0 (0.34)	67.0 (1.40)	20.3 (1.17)	9.4 (0.75)	3.1 (0.42)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Excludes students who were enrolled in school for more than 25 hours a week; also excluded in 1999 and 2003 are students who were homeschooled only due to a temporary illness and, in 2007, students who were homeschooled primarily due to a temporary illness.

<sup>2</sup>Students whose grade equivalent was “ungraded” were excluded from the grade analysis. The percentage of students with an “ungraded” grade equivalent was 0.03 percent in 1999 and 0.02 percent in 2003 and 2007.

NOTE: Data are based on parent reports. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent Survey (Parent:1999) and Parent and Family Involvement in Education Survey (PFI:2003 and PFI:2007) of the National Household Education Surveys Program. (This table was prepared July 2010.)









**Table 45. Percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and state or jurisdiction: Fall 2000 and fall 2010**

State or jurisdiction	Percentage distribution, fall 2000						Percentage distribution, fall 2010							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>100.0</b>	<b>61.2</b>	<b>17.2</b>	<b>16.3</b>	<b>4.1</b>	<b>1.2</b>	<b>100.0</b>	<b>52.4</b>	<b>16.0</b>	<b>23.1</b>	<b>4.6</b>	<b>0.3</b>	<b>1.1</b>	<b>2.4</b>
Alabama .....	100.0	60.8	36.5	1.3	0.7	0.7	100.0	58.3	34.6	4.7	1.3	#	0.8	0.3
Alaska .....	100.0	61.5	4.6	3.4	5.5	25.0	100.0	52.2	3.6	5.9	5.9	2.1	23.0	7.2
Arizona .....	100.0	52.8	4.6	33.9	2.1	6.6	100.0	42.9	5.6	42.2	2.8	0.2	5.2	1.2
Arkansas .....	100.0	71.7	23.3	3.6	0.9	0.5	100.0	64.8	21.5	9.8	1.4	0.4	0.7	1.3
California .....	100.0	36.1	8.5	43.4	11.1	0.9	100.0	26.6	6.7	51.4	11.1	0.6	0.7	2.9
Colorado .....	100.0	68.2	5.7	22.0	2.9	1.2	100.0	56.8	4.8	31.6	2.9	0.2	0.9	2.8
Connecticut .....	100.0	70.1	13.7	13.1	2.8	0.3	100.0	62.0	13.2	18.6	4.3	0.1	0.4	1.4
Delaware .....	100.0	60.7	30.8	6.0	2.3	0.3	100.0	50.1	32.3	12.4	3.4	#	0.5	1.4
District of Columbia .....	100.0	4.5	84.6	9.2	1.6	0.1	100.0	7.1	77.8	12.6	1.4	0.1	0.1	1.0
Florida .....	100.0	53.3	25.2	19.4	1.9	0.3	100.0	43.0	23.0	28.0	2.5	0.1	0.4	3.0
Georgia .....	100.0	54.7	38.2	4.8	2.2	0.2	100.0	44.4	37.0	11.9	3.3	0.1	0.2	3.0
Hawaii .....	100.0	20.4	2.3	4.5	72.3	0.4	100.0	14.5	2.5	4.5	35.1	34.5	0.6	8.4
Idaho .....	100.0	86.0	0.7	10.7	1.2	1.4	100.0	78.5	1.0	15.9	1.3	0.4	1.4	1.5
Illinois .....	100.0	59.8	21.3	15.4	3.4	0.2	100.0	51.3	18.4	22.9	4.1	0.1	0.3	2.9
Indiana .....	100.0	83.6	11.7	3.5	1.0	0.2	100.0	73.1	12.1	8.4	1.6	#	0.3	4.4
Iowa .....	100.0	90.2	4.0	3.6	1.7	0.5	100.0	81.5	5.1	8.5	2.0	0.1	0.5	2.2
Kansas .....	100.0	78.7	8.9	8.9	2.2	1.3	100.0	68.0	7.4	16.4	2.5	0.2	1.3	4.3
Kentucky .....	100.0	87.5	10.7	1.0	0.6	0.2	100.0	81.9	10.8	3.9	1.4	0.1	0.1	1.8
Louisiana .....	100.0	48.9	47.8	1.4	1.3	0.6	100.0	48.5	45.4	2.6	1.5	0.1	0.9	1.0
Maine .....	100.0	96.5	1.2	0.6	1.0	0.7	100.0	92.5	1.8	1.5	1.1	0.1	0.7	2.5
Maryland .....	100.0	53.4	37.1	4.8	4.4	0.4	100.0	42.9	35.8	11.5	5.7	0.1	0.4	3.5
Massachusetts .....	100.0	76.1	8.5	10.7	4.4	0.3	100.0	68.0	8.2	15.4	5.5	0.1	0.2	2.4
Michigan .....	100.0	73.8	19.8	3.5	1.8	1.0	100.0	69.8	19.0	5.8	2.6	0.1	0.8	1.9
Minnesota .....	100.0	82.9	6.6	3.4	5.1	2.0	100.0	73.8	9.2	7.2	6.0	0.1	1.9	1.8
Mississippi .....	100.0	47.3	51.1	0.8	0.7	0.1	100.0	46.0	49.9	2.5	0.9	0.0	0.2	0.5
Missouri .....	100.0	79.3	17.4	1.8	1.2	0.3	100.0	74.7	17.1	4.5	1.8	0.1	0.5	1.3
Montana .....	100.0	86.2	0.6	1.7	1.0	10.5	100.0	81.7	1.0	3.5	0.8	0.3	11.1	1.6
Nebraska .....	100.0	83.0	6.7	7.3	1.5	1.5	100.0	70.8	6.7	16.0	2.0	0.1	1.5	2.9
Nevada .....	100.0	56.7	10.2	25.7	5.7	1.7	100.0	38.7	9.9	38.7	6.1	1.0	1.3	4.2
New Hampshire .....	100.0	95.5	1.1	1.8	1.3	0.2	100.0	89.8	2.0	3.7	2.7	0.1	0.3	1.5
New Jersey .....	100.0	60.3	17.9	15.3	6.3	0.2	100.0	51.5	16.7	22.1	8.6	0.2	0.1	0.7
New Mexico .....	100.0	35.3	2.4	50.2	1.1	11.1	100.0	26.0	2.1	59.4	1.2	0.1	10.2	1.0
New York .....	100.0	54.9	20.2	18.5	6.0	0.4	100.0	49.2	19.0	22.4	8.3	—	0.5	0.6
North Carolina .....	100.0	61.0	31.3	4.4	1.9	1.5	100.0	53.2	26.5	12.6	2.4	0.1	1.5	3.7
North Dakota .....	100.0	89.4	1.0	1.2	0.8	7.6	100.0	83.7	2.4	0.1	1.1	0.2	9.1	3.3
Ohio .....	100.0	80.7	16.3	1.7	1.1	0.1	100.0	74.2	16.3	3.4	1.7	0.0	0.1	4.2
Oklahoma .....	100.0	64.9	10.8	6.0	1.4	16.9	100.0	54.6	10.2	12.3	1.9	0.3	17.7	3.2
Oregon .....	100.0	80.4	2.9	10.5	4.0	2.1	100.0	66.3	2.6	20.5	3.9	0.6	1.9	4.2
Pennsylvania .....	100.0	78.2	15.1	4.5	2.0	0.1	100.0	71.2	15.7	8.3	3.1	0.1	0.2	1.5
Rhode Island .....	100.0	74.3	7.9	14.0	3.3	0.5	100.0	65.2	8.0	20.8	2.9	0.1	0.7	2.4
South Carolina .....	100.0	54.9	42.1	1.9	1.0	0.2	100.0	53.4	36.2	6.4	1.3	0.1	0.3	2.3
South Dakota .....	100.0	86.5	1.2	1.2	0.9	10.1	100.0	79.8	2.5	3.5	1.4	0.1	11.6	1.1
Tennessee .....	100.0	72.4	24.5	1.8	1.1	0.2	100.0	67.3	23.9	6.1	1.6	0.1	0.2	0.7
Texas .....	100.0	42.0	14.4	40.6	2.7	0.3	100.0	31.2	12.9	50.3	3.4	0.1	0.5	1.6
Utah .....	100.0	85.8	1.0	8.9	2.8	1.6	100.0	78.0	1.4	15.1	1.8	1.6	1.3	0.8
Vermont .....	100.0	96.3	1.1	0.6	1.4	0.6	100.0	92.8	1.8	1.3	1.5	0.1	0.3	2.1
Virginia .....	100.0	63.6	27.1	4.9	4.1	0.3	100.0	54.1	24.1	11.4	5.9	0.1	0.3	4.1
Washington .....	100.0	74.4	5.3	10.2	7.3	2.7	100.0	62.8	4.8	18.0	7.2	0.9	1.7	4.6
West Virginia .....	100.0	94.7	4.3	0.4	0.5	0.1	100.0	92.0	5.2	1.1	0.7	#	0.1	0.8
Wisconsin .....	100.0	80.7	10.0	4.5	3.3	1.4	100.0	74.4	9.9	9.3	3.5	0.1	1.3	1.5
Wyoming .....	100.0	87.9	1.2	6.9	0.9	3.1	100.0	81.0	1.1	12.3	0.8	0.1	3.3	1.4
Bureau of Indian Education .....	100.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
DoD, overseas .....	100.0	59.6	21.6	7.8	10.1	0.8	—	—	—	—	—	—	—	—
DoD, domestic .....	100.0	51.4	26.0	18.4	3.5	0.7	—	—	—	—	—	—	—	—
Other jurisdictions														
American Samoa .....	100.0	0.0	0.0	0.0	100.0	0.0	—	—	—	—	—	—	—	—
Guam .....	100.0	1.7	0.3	0.2	97.7	0.1	100.0	1.9	0.2	0.1	22.1	68.8	1.0	5.9
Northern Marianas .....	100.0	0.3	0.0	0.0	99.7	0.0	100.0	0.6	0.0	0.0	38.3	60.8	0.0	0.4
Puerto Rico .....	100.0	0.0	0.0	100.0	0.0	0.0	100.0	0.1	#	99.8	#	#	0.1	#
U.S. Virgin Islands .....	100.0	0.8	85.8	13.1	0.2	0.1	100.0	1.5	76.7	19.9	0.3	0.1	0.2	1.3

—Not available.

#Rounds to zero.

NOTE: Percentage distribution based on students for whom race/ethnicity was reported, which may be less than the total number of students in the state. Race categories exclude

persons of Hispanic ethnicity. DoD = Department of Defense. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01 and 2010–11. (This table was prepared January 2013.)

**Table 46. Number and percentage of public school students eligible for free or reduced-price lunch, by state: Selected years, 2000–01 through 2010–11**

State	Number of students				Number of students eligible for free/reduced-price lunch				Percent of students eligible for free/reduced-price lunch			
	2000–01	2005–06	2009–10	2010–11	2000–01	2005–06	2009–10	2010–11	2000–01	2005–06	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>46,579,068<sup>1</sup></b>	<b>48,403,390</b>	<b>48,663,648<sup>1</sup></b>	<b>48,941,267</b>	<b>17,839,867<sup>1</sup></b>	<b>20,333,474</b>	<b>23,095,560<sup>1</sup></b>	<b>23,544,479</b>	<b>38.3<sup>1</sup></b>	<b>42.0</b>	<b>47.5<sup>1</sup></b>	<b>48.1</b>
Alabama .....	728,351	741,544	748,836	730,427	335,143	383,219	411,067	402,386	46.0	51.7	54.9	55.1
Alaska .....	105,333	103,498	131,508	132,104	32,468	41,872	47,605	50,701	30.8	40.5	36.2	38.4
Arizona .....	877,696 <sup>2</sup>	955,320	1,061,408	1,067,210	274,277 <sup>2</sup>	492,450	508,240	482,044	31.2 <sup>2</sup>	51.5	47.9	45.2
Arkansas .....	449,959	474,206	480,060	482,114	205,058	250,641	286,477	291,608	45.6	52.9	59.7	60.5
California .....	6,050,753	6,311,900	6,085,255	6,169,427	2,820,611	3,063,627	3,386,691	3,335,885	46.6	48.5	55.7	54.1
Colorado .....	724,349	779,825	831,906	842,864	195,148	258,264	319,404	336,426	26.9	33.1	38.4	39.9
Connecticut .....	562,179 <sup>2</sup>	575,051	556,498	552,919	143,030 <sup>2</sup>	152,669	179,651	190,554	25.4 <sup>2</sup>	26.5	32.3	34.5
Delaware .....	114,676	120,937	124,809	128,342	37,766	43,682	58,375	61,564	32.9	36.1	46.8	48.0
District of Columbia .....	68,380	66,498	66,849	71,263	47,839	41,050	48,330	52,027	70.0	61.7	72.3	73.0
Florida .....	2,434,755	2,674,998	2,634,321	2,641,555	1,079,009	1,224,228	1,408,541	1,479,519	44.3	45.8	53.5	56.0
Georgia .....	1,444,937	1,598,461	1,667,685	1,676,419	624,511	795,394	934,899	961,954	43.2	49.8	56.1	57.4
Hawaii .....	184,357	184,925	180,196	179,601	80,657	74,926	77,947	84,106	43.8	40.5	43.3	46.8
Idaho .....	244,755	260,343	276,299	275,815	85,824	99,093	118,932	124,104	35.1	38.1	43.0	45.0
Illinois .....	2,048,792 <sup>2</sup>	1,976,077	1,954,124	1,973,401	759,973 <sup>2</sup>	785,715	901,759	921,471	37.1 <sup>2</sup>	39.8	46.1	46.7
Indiana .....	977,219	1,034,719	1,046,357	1,038,817	285,267	373,433	474,326	485,728	29.2	36.1	45.3	46.8
Iowa .....	492,021	481,094	482,123	484,856	131,553	154,416	179,921	188,486	26.7	32.1	37.3	38.9
Kansas .....	462,594	466,263	469,218	479,953	154,693	180,919	214,437	228,852	33.4	38.8	45.7	47.7
Kentucky .....	626,723	641,682	674,953	673,128	298,334	336,287	370,264	380,773	47.6	52.4	54.9	56.6
Louisiana .....	741,162	654,388	690,741	695,772	433,068	400,596	454,338	460,546	58.4	61.2	65.8	66.2
Maine .....	198,532	189,572	184,232	183,477	60,162	65,877	76,715	78,915	30.3	34.8	41.6	43.0
Maryland .....	852,911	860,018	848,412	852,202	255,872	272,069	324,904	341,557	30.0	31.6	38.3	40.1
Massachusetts .....	979,590	971,907	957,053	955,301	237,871	274,515	315,153	326,849	24.3	28.2	32.9	34.2
Michigan .....	1,703,260	1,711,532	1,615,731	1,551,861	504,044	609,754	741,028	719,800	29.6	35.6	45.9	46.4
Minnesota .....	854,154	838,998	836,936	837,930	218,867	253,938	296,756	306,136	25.6	30.3	35.5	36.5
Mississippi .....	497,421	494,744	488,994	489,462	319,670	344,107	344,894	345,734	64.3	69.6	70.5	70.6
Missouri .....	912,247	915,844	907,811	902,375	315,608	358,428	401,755	406,358	34.6	39.1	44.3	45.0
Montana .....	154,438	143,093	140,553	140,497	47,415	50,172	56,201	57,836	30.7	35.1	40.0	41.2
Nebraska .....	286,138	286,610	295,261	298,276	87,045	99,387	121,811	127,114	30.4	34.7	41.3	42.6
Nevada .....	282,621	410,531	426,838	436,840	92,978	170,039	182,399	219,904	32.9	41.4	42.7	50.3
New Hampshire .....	206,919	203,998	197,140	194,001	31,212	35,087	46,246	48,904	15.1	17.2	23.5	25.2
New Jersey .....	1,312,983	1,395,600	1,369,418	1,356,882	357,728	373,946	445,174	444,735	27.2	26.8	32.5	32.8
New Mexico .....	320,303	326,755	327,689	335,810	174,939	181,916	218,203	227,077	54.6	55.7	66.6	67.6
New York .....	2,859,927	2,812,964	2,766,052 <sup>2</sup>	2,722,761	1,236,945	1,260,933	1,248,215 <sup>2</sup>	1,315,564	43.3	44.8	45.1 <sup>2</sup>	48.3
North Carolina .....	1,194,371	1,356,570	1,445,761	1,487,699	470,316	603,316	720,798	747,978	39.4	44.5	49.9	50.3
North Dakota .....	109,201	98,284	93,055	94,273	31,840	29,064	30,693	29,929	29.2	29.6	33.0	31.7
Ohio .....	1,745,237	1,836,982	1,761,636	1,747,851	494,829	597,517	709,928	745,121	28.4	32.5	40.3	42.6
Oklahoma .....	623,110	632,812	654,167	659,376	300,179	346,070	384,448	398,917	48.2	54.7	58.8	60.5
Oregon .....	535,617	534,814	541,789	553,468	186,203	230,737	272,196	280,174	34.8	43.1	50.2	50.6
Pennsylvania .....	1,798,977	1,813,760	1,734,989	1,742,608	510,121	574,951	662,900	686,641	28.4	31.7	38.2	39.4
Rhode Island .....	157,347	151,686	143,674	142,575	52,209	53,521	60,179	61,127	33.2	35.3	41.9	42.9
South Carolina .....	677,411	700,397	721,532	722,203	320,254	361,567	394,018	395,033	47.3	51.6	54.6	54.7
South Dakota .....	128,598	121,999	122,263	125,883	37,857	39,059	45,956	46,718	29.4	32.0	37.6	37.1
Tennessee .....	909,161 <sup>2</sup>	934,444	948,007	987,078	436,298 <sup>2</sup>	448,431	516,062	542,953	48.0 <sup>2</sup>	48.0	54.4	55.0
Texas .....	4,059,353	4,523,575	4,847,073	4,916,401	1,823,029	2,181,697	2,449,189	2,471,212	44.9	48.2	50.5	50.3
Utah .....	470,265	508,399	580,718	585,552	135,428	164,255	244,433	223,943	28.8	32.3	42.1	38.2
Vermont .....	102,049	96,638	85,339	85,144	23,986	25,487	29,529	31,339	23.5	26.4	34.6	36.8
Virginia .....	1,067,710	1,167,860	1,219,806	1,250,206	320,233	377,725	444,715	458,879	30.0	32.3	36.5	36.7
Washington .....	1,004,770 <sup>2</sup>	1,031,967	996,604	1,043,466	326,295 <sup>2</sup>	376,198	428,258	418,065	32.5 <sup>2</sup>	36.5	43.0	40.1
West Virginia .....	286,285	280,699	282,661	282,879	143,446	137,878	147,036	145,605	50.1	49.1	52.0	51.5
Wisconsin .....	859,276	864,207	871,156	872,164	219,276	256,645	323,510	342,660	25.5	29.7	37.1	39.3
Wyoming .....	89,895	84,402	88,152	88,779	43,483	26,707	31,054	32,968	48.4	31.6	35.2	37.1

<sup>1</sup>U.S. total includes imputation for nonreporting states.<sup>2</sup>Imputation for survey nonresponse. State-level imputations for 2000–01 were based on the reported percentages for 2001–02 applied to the 2000–01 enrollments. The state-level imputation for 2009–10 was based on the reported percentage for 2008–09 applied to the 2009–10 enrollment.

NOTE: Table reflects counts of students enrolled in all schools for which both enrollment data and free/reduced-price lunch eligibility data were reported. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2000–01, 2005–06, 2009–10, and 2010–11. (This table was prepared December 2012.)

**Table 47. Number and percentage of public school students participating in programs for English language learners, by state: Selected years, 2002–03 through 2010–11**

State	Number of public school students participating in programs for English language learners							Percent of students participating in programs for English language learners						
	2002–03	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2002–03	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>4,118,918<sup>1</sup></b>	<b>4,421,489<sup>1</sup></b>	<b>4,229,217<sup>1</sup></b>	<b>4,153,870<sup>1</sup></b>	<b>4,439,514<sup>1</sup></b>	<b>4,659,349<sup>1</sup></b>	<b>4,693,818<sup>1</sup></b>	<b>8.7<sup>1</sup></b>	<b>9.2<sup>1</sup></b>	<b>8.8<sup>1</sup></b>	<b>8.6<sup>1</sup></b>	<b>9.2<sup>1</sup></b>	<b>9.7<sup>1</sup></b>	<b>9.8<sup>1</sup></b>
Alabama .....	10,568	16,550	18,358	20,943	19,523	19,497	17,559	1.5	2.2	2.5	2.8	2.6	2.6	2.4
Alaska .....	16,351	20,743	20,701	16,752	11,937	14,581	14,894	12.3	15.6	15.7	12.8	9.2	11.1	11.3
Arizona .....	140,664	166,195	123,828	143,482	118,868	78,793	70,716	15.9	17.6	12.8	14.6	12.1	8.2	7.5
Arkansas .....	15,146	20,700	23,297 <sup>2</sup>	25,896	27,629	29,735	31,457	3.4	4.4	4.9 <sup>2</sup>	5.4	5.8	6.3	6.6
California .....	1,587,771	1,557,935	1,537,332 <sup>2</sup>	1,517,559 <sup>2</sup>	1,498,660	1,763,486	1,769,148 <sup>2</sup>	25.7	25.0	24.8 <sup>2</sup>	24.5 <sup>2</sup>	24.3	28.9	28.9 <sup>2</sup>
Colorado .....	86,118	99,790	93,017 <sup>2</sup>	84,900	88,254	94,391	98,809	11.5	12.8	11.7 <sup>2</sup>	10.7	10.9	11.4	11.8
Connecticut .....	21,970	28,662	25,972	29,424	28,886	29,266	29,671	4.0	5.2	4.7	5.4	5.4	5.4	5.6
Delaware .....	3,445	5,900	6,603	7,179	7,111	7,615	6,766	3.1	5.2	5.8	6.3	6.1	6.5	5.6
District of Columbia .....	5,363	4,274	3,813	4,092	4,370	4,203	3,741	7.9	7.2	6.7	7.0	9.9	9.6	8.4
Florida .....	203,659	221,624	234,506	231,326	226,037	230,440	229,659	8.0	8.3	8.8	8.7	8.6	8.8	8.7
Georgia .....	70,464	86,615	90,025	81,008	82,000	86,668	80,965	4.7	5.4	5.5	4.9	5.0	5.2	4.9
Hawaii .....	12,853	18,106	15,660	16,959	18,564	18,097	19,092	7.0	9.9	8.7	9.4	10.3	10.0	10.6
Idaho .....	18,747	18,184	16,690	16,660	17,657	15,931	15,361	7.5	6.9	6.2	6.3	6.6	6.0	5.8
Illinois .....	168,591	172,375 <sup>2</sup>	172,950	156,673	204,737	179,850	174,335	8.2	8.2 <sup>2</sup>	8.2	7.5	9.7	8.6	8.4
Indiana .....	42,560	56,400	42,396	46,092	45,527	48,364	48,574	4.3	5.5	4.1	4.5	4.4	4.7	4.7
Iowa .....	13,961	15,156	18,124	19,442	20,334	20,867	21,733	2.9	3.1	3.8	4.0	4.2	4.2	4.4
Kansas .....	17,942	24,671	28,915	31,760	34,095	38,011	39,323	3.8	5.3	6.2	6.8	7.2	8.0	8.1
Kentucky .....	6,343	10,138	10,816	12,896	14,589	14,244	16,351	1.0	1.5	1.7	1.9	2.2	2.1	2.4
Louisiana .....	11,042	11,942	8,589	8,545	12,223	12,499	11,617	1.5	1.8	1.3	1.3	1.9	1.9	1.7
Maine .....	2,575	3,332	3,687	3,803	4,128 <sup>2</sup>	4,467	4,792	1.2	1.7	1.9	2.0	2.2 <sup>2</sup>	2.4	2.5
Maryland .....	27,311	31,416	34,170 <sup>2</sup>	36,971 <sup>2</sup>	39,919 <sup>2</sup>	43,179	45,500	3.2	3.7	4.0 <sup>2</sup>	4.4 <sup>2</sup>	4.7 <sup>2</sup>	5.1	5.3
Massachusetts .....	50,578	50,007	52,325	53,788	47,198	49,612	52,610	6.1	6.2	6.5	6.7	5.9	6.3	6.7
Michigan .....	54,961	60,212	64,161	47,139	55,593	53,565	50,773	3.2	3.7	4.0	3.0	3.6	3.5	3.5
Minnesota .....	51,224	53,661	58,598	55,377	55,738	54,349	40,778	6.1	6.6	7.3	6.9	7.0	6.8	5.1
Mississippi .....	2,250	2,859	5,129	5,428	6,543	6,061	5,617	0.5	0.6	1.0	1.1	1.3	1.2	1.1
Missouri .....	13,121	18,745	17,681 <sup>2</sup>	16,472 <sup>2</sup>	15,468	19,393	20,411	1.4	2.0	1.9 <sup>2</sup>	1.8 <sup>2</sup>	1.7	2.2	2.3
Montana .....	6,642	6,711	6,983	6,721	4,549	3,806	3,299	4.4	4.6	4.8	4.7	3.2	2.7	2.3
Nebraska .....	13,803	17,449	18,190	19,128	18,388	19,323	20,062	4.9	6.1	6.3	6.6	6.3	6.6	6.7
Nevada .....	58,753	63,856	70,548	46,602	75,952	67,868	83,351	15.9	15.5	16.7	10.9	17.6	16.0	19.4
New Hampshire .....	3,270	2,877 <sup>2</sup>	3,162	3,201	3,496	3,821	3,965	1.6	1.4 <sup>2</sup>	1.6	1.6	1.8	1.9	2.0
New Jersey .....	57,548	50,426	51,605 <sup>2</sup>	52,559 <sup>2</sup>	53,960	55,450	52,580	4.3	3.7	3.8 <sup>2</sup>	3.9 <sup>2</sup>	4.0	4.1	3.8
New Mexico .....	65,317	62,682	60,711	61,173	55,978 <sup>2</sup>	51,257	52,029	20.4	19.2	18.5	18.6	17.0 <sup>2</sup>	15.5	15.7
New York .....	178,704	193,701	195,644	209,449	183,736	200,433	207,708	6.2	6.9	7.1	7.7	6.8	7.4	7.8
North Carolina .....	59,712	73,206	88,288	126,792	113,155	105,651	102,397	4.5	5.3	6.2	8.9	7.8	7.3	7.1
North Dakota .....	883	2,213 <sup>2</sup>	2,399	2,645	3,540	3,031	2,788	0.9	2.3 <sup>2</sup>	2.5	2.8	3.7	3.3	3.0
Ohio .....	25,610	29,222	28,545	34,167	35,362	36,527	35,170	1.4	1.7	1.6	2.0	2.0	2.2	2.1
Oklahoma .....	40,179	47,380	38,098	37,744	38,314 <sup>2</sup>	39,259	41,431	6.4	7.5	6.0	5.9	5.9 <sup>2</sup>	6.0	6.3
Oregon .....	52,331	64,603	62,985	61,999	62,857	61,625	58,662	9.5	12.1	11.3	11.0	11.2	11.0	10.5
Pennsylvania .....	30,731 <sup>2</sup>	39,598 <sup>2</sup>	42,624	44,564	44,853	44,359	44,729	1.7 <sup>2</sup>	2.3 <sup>2</sup>	2.4	2.6	2.7	2.6	2.7
Rhode Island .....	10,050	7,090	9,546	6,672	6,466 <sup>2</sup>	6,340	7,161	6.4	5.1	7.0	5.0	4.9 <sup>2</sup>	4.9	5.5
South Carolina .....	7,467	14,372	30,163	13,531	31,422	34,661	36,360	1.1	2.1	4.3	1.9	4.4	4.8	5.1
South Dakota .....	4,522	5,110	4,533 <sup>2</sup>	3,994 <sup>2</sup>	3,580	4,005	4,383	3.5	4.2	3.7 <sup>2</sup>	3.3 <sup>2</sup>	2.8	3.2	3.5
Tennessee .....	26,808 <sup>2</sup>	28,251 <sup>2</sup>	28,979	25,670	27,433	27,550	29,680	3.0 <sup>2</sup>	3.0 <sup>2</sup>	3.0	2.7	2.8	2.8	3.0
Texas .....	625,946	702,436	493,993	445,334	704,142	708,615	718,350	14.9	15.8	10.9	9.7	15.2	15.0	15.0
Utah .....	43,269	49,915	48,261	46,398	43,957	46,591	41,805	9.0	10.1	9.6	8.3	8.3	8.5	7.7
Vermont .....	1,057	1,771	1,702 <sup>2</sup>	1,675 <sup>2</sup>	1,645 <sup>2</sup>	1,693 <sup>2</sup>	1,672 <sup>2</sup>	1.1	1.9	1.9 <sup>2</sup>	1.9 <sup>2</sup>	1.9 <sup>2</sup>	1.9 <sup>2</sup>	1.9 <sup>2</sup>
Virginia .....	49,780	72,184	86,152	84,080	86,745	86,475	87,752	4.3	6.0	7.1	6.9	7.1	7.0	7.1
Washington .....	70,431	75,103	84,761	80,694	82,711	65,101	90,282	6.9	7.3	8.3	7.8	8.0	6.3	8.7
West Virginia .....	1,281	1,942	2,248	2,335	1,617	1,605	1,786	0.5	0.7	0.8	0.8	0.6	0.6	0.6
Wisconsin .....	25,764	30,130	38,746	43,782	47,798	45,041	43,562	2.9	3.4	4.5	5.0	5.5	5.2	5.0
Wyoming .....	3,483	3,068	3,006	2,395	2,271	2,098	2,602	4.1	3.6	3.5	2.8	2.6	2.4	2.9

<sup>1</sup>U.S. total includes imputation for nonreporting states.<sup>2</sup>Imputation for survey nonresponse. State-level imputations were based on the percentages reported by the state for other years applied to the enrollment for the given year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), Local Education Agency Universe Survey, 2002–03 through 2010–11. (This table was prepared November 2012.)

**Table 48. Children 3 to 21 years old served under Individuals with Disabilities Education Act, Part B, by type of disability: Selected years, 1976–77 through 2010–11**

Type of disability	1976–77	1980–81	1990–91	1995–96	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08 <sup>1</sup>	2008–09 <sup>1</sup>	2009–10	2010–11 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number served (in thousands)															
<b>All disabilities</b> .....	<b>3,694</b>	<b>4,144</b>	<b>4,710</b>	<b>5,572</b>	<b>6,296</b>	<b>6,407</b>	<b>6,523</b>	<b>6,634</b>	<b>6,719</b>	<b>6,713</b>	<b>6,686</b>	<b>6,606</b>	<b>6,483</b>	<b>6,481</b>	<b>6,419</b>
Autism.....	—	—	—	28	94	114	137	163	191	223	258	296	336	378	417
Deaf-blindness.....	—	3	1	1	1	2	2	2	2	2	2	2	2	2	1
Developmental delay.....	—	—	—	—	178	242	283	305	332	339	333	358	354	368	381
Emotional disturbance.....	283	347	389	437	481	483	485	489	489	477	464	442	420	407	389
Hearing impairments.....	88	79	58	67	78	78	78	79	79	79	80	79	78	79	78
Intellectual disability.....	961	830	534	571	624	616	602	593	578	556	534	500	478	463	447
Multiple disabilities.....	—	68	96	93	133	136	138	140	140	141	142	138	130	131	130
Orthopedic impairments.....	87	58	49	63	83	83	83	77	73	71	69	67	70	65	63
Other health impairments <sup>3</sup> .....	141	98	55	133	303	350	403	464	521	570	611	641	659	689	714
Preschool disabled <sup>4</sup> .....	†	†	390	544	†	†	†	†	†	†	†	†	†	†	†
Specific learning disabilities.....	796	1,462	2,129	2,578	2,868	2,861	2,848	2,831	2,798	2,735	2,665	2,573	2,476	2,431	2,357
Speech or language impairments..	1,302	1,168	985	1,022	1,409	1,391	1,412	1,441	1,463	1,468	1,475	1,456	1,426	1,416	1,390
Traumatic brain injury.....	—	—	—	9	16	22	22	23	24	24	25	25	26	25	26
Visual impairments.....	38	31	23	25	29	28	29	28	29	29	29	29	29	29	28
Percentage distribution of children served															
<b>All disabilities</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Autism.....	—	—	—	0.5	1.5	1.8	2.1	2.5	2.8	3.3	3.9	4.5	5.2	5.8	6.5
Deaf-blindness.....	—	0.1	#	#	#	#	#	#	#	#	#	#	#	#	#
Developmental delay.....	—	—	—	—	2.8	3.8	4.3	4.6	4.9	5.1	5.0	5.4	5.5	5.7	5.9
Emotional disturbance.....	7.7	8.4	8.3	7.8	7.6	7.5	7.4	7.4	7.3	7.1	6.9	6.7	6.5	6.3	6.1
Hearing impairments.....	2.4	1.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Intellectual disability.....	26.0	20.0	11.3	10.2	9.9	9.6	9.2	8.9	8.6	8.3	8.0	7.6	7.4	7.1	7.0
Multiple disabilities.....	—	1.6	2.0	1.7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.0	2.0
Orthopedic impairments.....	2.4	1.4	1.0	1.1	1.3	1.3	1.3	1.2	1.1	1.1	1.0	1.0	1.1	1.0	1.0
Other health impairments <sup>3</sup> .....	3.8	2.4	1.2	2.4	4.8	5.5	6.2	7.0	7.7	8.5	9.1	9.7	10.2	10.6	11.1
Preschool disabled <sup>4</sup> .....	†	†	8.3	9.8	†	†	†	†	†	†	†	†	†	†	†
Specific learning disabilities.....	21.5	35.3	45.2	46.3	45.5	44.7	43.7	42.7	41.6	40.7	39.9	39.0	38.2	37.5	36.7
Speech or language impairments..	35.2	28.2	20.9	18.3	22.4	21.7	21.6	21.7	21.8	21.9	22.1	22.0	22.0	21.8	21.7
Traumatic brain injury.....	—	—	—	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Visual impairments.....	1.0	0.7	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Number served as a percent of total enrollment <sup>5</sup>															
<b>All disabilities</b> .....	<b>8.3</b>	<b>10.1</b>	<b>11.4</b>	<b>12.4</b>	<b>13.3</b>	<b>13.4</b>	<b>13.5</b>	<b>13.7</b>	<b>13.8</b>	<b>13.7</b>	<b>13.6</b>	<b>13.4</b>	<b>13.2</b>	<b>13.1</b>	<b>13.0</b>
Autism.....	—	—	—	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.8
Deaf-blindness.....	—	#	#	#	#	#	#	#	#	#	#	#	#	#	#
Developmental delay.....	—	—	—	—	0.4	0.5	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8
Emotional disturbance.....	0.6	0.8	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.8	0.8
Hearing impairments.....	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Intellectual disability.....	2.2	2.0	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.1	1.1	1.0	1.0	0.9	0.9
Multiple disabilities.....	—	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Orthopedic impairments.....	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Other health impairments <sup>3</sup> .....	0.3	0.2	0.1	0.3	0.6	0.7	0.8	1.0	1.1	1.2	1.2	1.3	1.3	1.4	1.4
Preschool disabled <sup>4</sup> .....	†	†	0.9	1.2	†	†	†	†	†	†	†	†	†	†	†
Specific learning disabilities.....	1.8	3.6	5.2	5.8	6.1	6.0	5.9	5.8	5.7	5.6	5.4	5.2	5.0	4.9	4.8
Speech or language impairments..	2.9	2.9	2.4	2.3	3.0	2.9	2.9	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.8
Traumatic brain injury.....	—	—	—	#	#	#	#	#	#	#	0.1	0.1	0.1	0.1	0.1
Visual impairments.....	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Data do not include Vermont, for which 2007–08 and 2008–09 data were not available. In 2006–07, the total number of 3- to 21-year-olds served in Vermont was 14,010.

<sup>2</sup>Data do not include Wyoming, for which 2010–11 data were not available. In 2009–10, the total number of 3- to 21-year-olds served in Wyoming was 15,098.

<sup>3</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

<sup>4</sup>For 1990–91 and 1995–96, preschool children are not included in the counts by disability condition, but are separately reported. For other years, preschool children are included in the counts by disability condition.

<sup>5</sup>Based on the total enrollment in public schools, prekindergarten through 12th grade. For total enrollment in public schools, see table 39.

NOTE: Prior to October 1994, children and youth with disabilities were served under Chapter 1 of the Elementary and Secondary Education Act as well as under the Individuals with Disabilities Education Act (IDEA), Part B. Data reported in this table for years prior to 1994–95 include children ages 0–21 served under Chapter 1. Data are for the 50 states and the District of Columbia only. Increases since 1987–88 are due in part to new legislation enacted in fall 1986, which added a mandate for public school special education services for 3- to 5-year-old children with disabilities. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*, selected years, 1979 through 2006; and Individuals with Disabilities Education Act (IDEA) database, retrieved June 4, 2012, from <http://tadnet.public.tadnet.org/pages/712>. National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems, 1977–78 and 1980–81; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1990–91 through 2010–11*. (This table was prepared June 2012.)

**Table 49. Children 3 to 21 years old served under Individuals with Disabilities Education Act, Part B, by race/ethnicity and age group: 2000–01 through 2010–11**

Age group and year	Total	White	Black	Hispanic	Asian <sup>1</sup>	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9
Number of children served								
<b>3- to 5-year-olds</b>								
2000–01.....	592,090	400,650	93,281	78,070	13,203	—	6,886	—
2001–02.....	612,084	411,364	94,880	84,570	13,825	—	7,445	—
2002–03.....	638,325	425,970	97,808	91,534	15,011	—	8,002	—
2003–04.....	670,406	444,967	100,667	99,297	16,964	—	8,511	—
2004–05.....	693,000	454,638	103,332	107,080	19,014	—	8,936	—
2005–06.....	698,608	453,531	102,310	112,883	20,791	—	9,093	—
2006–07.....	706,403	450,869	103,948	120,080	22,166	—	9,340	—
2007–08 <sup>2</sup> .....	697,376	439,421	100,133	124,796	23,649	—	9,377	—
2008–09 <sup>2</sup> .....	663,549	411,336	96,127	124,519	22,827	—	8,740	—
2009–10 <sup>3</sup> .....	713,837	—	—	142,174	—	—	—	—
2010–11 <sup>4</sup> .....	720,024	413,216	102,061	152,541	23,104	2,127	8,813	18,162
<b>6- to 21-year-olds</b>								
2000–01.....	5,703,619	3,556,939	1,166,067	799,585	107,841	—	73,187	—
2001–02.....	5,795,333	3,578,164	1,186,923	844,206	109,609	—	76,431	—
2002–03.....	5,884,652	3,588,370	1,213,462	889,056	115,241	—	78,523	—
2003–04.....	5,963,496	3,590,913	1,233,999	936,166	120,580	—	81,838	—
2004–05.....	6,025,630	3,589,853	1,252,218	974,617	125,325	—	83,617	—
2005–06.....	6,014,006	3,550,334	1,243,867	1,006,257	129,163	—	84,385	—
2006–07.....	5,979,983	3,497,984	1,231,922	1,034,137	131,099	—	84,841	—
2007–08 <sup>2</sup> .....	5,893,890	3,399,744	1,208,195	1,060,112	135,098	—	90,741	—
2008–09 <sup>2</sup> .....	5,387,980	3,063,224	1,116,136	1,003,773	126,332	—	78,515	—
2009–10 <sup>3</sup> .....	5,747,250	—	—	1,110,200	—	—	—	—
2010–11 <sup>4</sup> .....	5,698,882	3,092,280	1,112,537	1,155,136	122,655	17,384	81,484	117,406
Percentage distribution of children served								
<b>3- to 5-year-olds</b>								
2000–01.....	100.0	67.7	15.8	13.2	2.2	†	1.2	†
2001–02.....	100.0	67.2	15.5	13.8	2.3	†	1.2	†
2002–03.....	100.0	66.7	15.3	14.3	2.4	†	1.3	†
2003–04.....	100.0	66.4	15.0	14.8	2.5	†	1.3	†
2004–05.....	100.0	65.6	14.9	15.5	2.7	†	1.3	†
2005–06.....	100.0	64.9	14.6	16.2	3.0	†	1.3	†
2006–07.....	100.0	63.8	14.7	17.0	3.1	†	1.3	†
2007–08 <sup>2</sup> .....	100.0	63.0	14.4	17.9	3.4	†	1.3	†
2008–09 <sup>2</sup> .....	100.0	62.0	14.5	18.8	3.4	†	1.3	†
2009–10 <sup>3</sup> .....	100.0	†	†	19.9	†	†	†	†
2010–11 <sup>4</sup> .....	100.0	57.4	14.2	21.2	3.2	0.3	1.2	2.5
<b>6- to 21-year-olds</b>								
2000–01.....	100.0	62.4	20.4	14.0	1.9	†	1.3	†
2001–02.....	100.0	61.7	20.5	14.6	1.9	†	1.3	†
2002–03.....	100.0	61.0	20.6	15.1	2.0	†	1.3	†
2003–04.....	100.0	60.2	20.7	15.7	2.0	†	1.4	†
2004–05.....	100.0	59.6	20.8	16.2	2.1	†	1.4	†
2005–06.....	100.0	59.0	20.7	16.7	2.1	†	1.4	†
2006–07.....	100.0	58.5	20.6	17.3	2.2	†	1.4	†
2007–08 <sup>2</sup> .....	100.0	57.7	20.5	18.0	2.3	†	1.5	†
2008–09 <sup>2</sup> .....	100.0	56.9	20.7	18.6	2.3	†	1.5	†
2009–10 <sup>3</sup> .....	100.0	†	†	19.3	†	†	†	†
2010–11 <sup>4</sup> .....	100.0	54.3	19.5	20.3	2.2	0.3	1.4	2.1

—Not available.

†Not applicable.

<sup>1</sup>For years prior to 2010–11, Asian data include Pacific Islanders.

<sup>2</sup>Data do not include Vermont, for which 2007–08 and 2008–09 data were not available.

<sup>3</sup>For 2009–10, this table does not include data for individual race categories because of missing data and inconsistencies in reporting across states.

<sup>4</sup>Data do not include Wyoming, for which 2010–11 data were not available.

NOTE: Data are for those children served for whom race/ethnicity was reported, which may be less than the total number of children served. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, Office of Special Education Programs, *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*, 2000 through 2006, and Individuals with Disabilities Education Act (IDEA) database, retrieved February 14, 2012, from <http://tadnet.public.tadnet.org/pages/712>. (This table was prepared February 2013.)

**Table 50. Percentage distribution of students 6 to 21 years old served under Individuals with Disabilities Education Act, Part B, by educational environment and type of disability: Selected years, fall 1989 through fall 2010**

Type of disability	All environments	Regular school, time inside general class			Separate school for students with disabilities	Separate residential facility	Parentally placed in regular private schools <sup>1</sup>	Homebound/hospital placement	Correctional facility
		Less than 40 percent	40–79 percent	More than 80 percent					
1	2	3	4	5	6	7	8	9	10
<b>All students with disabilities</b>									
1989.....	100.0	24.9	37.5	31.7	4.5	1.0	—	0.6	—
1990.....	100.0	25.0	36.4	33.1	4.2	0.9	—	0.5	—
1994.....	100.0	22.4	28.5	44.8	3.0	0.7	—	0.6	—
1995.....	100.0	21.5	28.5	45.7	3.1	0.7	—	0.5	—
1996.....	100.0	21.4	28.3	46.1	3.0	0.7	—	0.5	—
1997.....	100.0	20.4	28.8	46.8	2.9	0.7	—	0.5	—
1998.....	100.0	20.0	29.9	46.0	2.9	0.7	—	0.5	—
1999.....	100.0	20.3	29.8	45.9	2.9	0.7	—	0.5	—
2000.....	100.0	19.5	29.8	46.5	3.0	0.7	—	0.5	—
2001.....	100.0	19.2	28.5	48.2	2.9	0.7	—	0.4	—
2002.....	100.0	19.0	28.7	48.2	2.9	0.7	—	0.5	—
2003.....	100.0	18.5	27.7	49.9	2.8	0.7	—	0.5	—
2004.....	100.0	17.9	26.5	51.5	3.0	0.6	—	0.4	—
2005.....	100.0	16.7	25.1	54.2	2.9	0.6	—	0.4	—
2006.....	100.0	16.4	23.8	54.8	2.9	0.4	1.0	0.4	0.4
2007.....	100.0	15.4	22.4	56.8	3.0	0.4	1.1	0.4	0.4
<b>2008</b>									
<b>All students with disabilities.....</b>	<b>100.0</b>	<b>14.9</b>	<b>21.4</b>	<b>58.5</b>	<b>2.9</b>	<b>0.4</b>	<b>1.1</b>	<b>0.4</b>	<b>0.4</b>
Autism.....	100.0	35.7	18.2	36.3	8.3	0.6	0.6	0.3	#
Deaf-blindness.....	100.0	28.5	16.3	31.2	15.2	6.8	0.6	1.3	0.1
Developmental delay.....	100.0	16.2	20.6	61.8	0.7	0.1	0.5	0.2	#
Emotional disturbance.....	100.0	23.1	19.3	39.3	13.0	2.0	0.2	1.0	1.9
Hearing impairments.....	100.0	15.7	17.1	53.7	8.2	3.9	1.2	0.2	0.1
Intellectual disability.....	100.0	48.2	26.9	17.3	6.1	0.4	0.2	0.5	0.3
Multiple disabilities.....	100.0	45.9	16.4	13.7	19.0	1.9	0.3	2.5	0.2
Orthopedic impairments.....	100.0	24.7	16.5	51.5	4.9	0.2	0.8	1.4	0.1
Other health impairments <sup>2</sup> .....	100.0	11.2	24.4	60.3	1.6	0.2	1.0	1.0	0.3
Specific learning disabilities.....	100.0	8.4	27.9	61.6	0.6	0.1	0.8	0.2	0.4
Speech or language impairments.....	100.0	4.7	5.7	86.5	0.3	#	2.8	#	#
Traumatic brain injury.....	100.0	23.0	23.1	45.0	5.9	0.6	0.6	1.5	0.2
Visual impairments.....	100.0	11.8	13.7	62.2	6.5	4.0	1.2	0.6	0.1
<b>2009</b>									
<b>All students with disabilities.....</b>	<b>100.0</b>	<b>14.6</b>	<b>20.7</b>	<b>59.4</b>	<b>3.0</b>	<b>0.4</b>	<b>1.2</b>	<b>0.4</b>	<b>0.4</b>
Autism.....	100.0	34.8	18.3	37.4	8.0	0.6	0.7	0.3	#
Deaf-blindness.....	100.0	33.3	13.3	21.6	19.1	9.9	0.6	2.3	0.2
Developmental delay.....	100.0	16.2	20.5	61.6	0.9	0.1	0.6	0.2	#
Emotional disturbance.....	100.0	22.2	18.8	40.6	13.2	2.0	0.2	1.1	2.0
Hearing impairments.....	100.0	14.7	17.0	54.6	8.2	4.0	1.3	0.2	0.1
Intellectual disability.....	100.0	48.2	26.7	17.4	6.3	0.4	0.3	0.5	0.3
Multiple disabilities.....	100.0	45.5	16.2	13.2	19.6	1.9	0.4	2.9	0.2
Orthopedic impairments.....	100.0	23.6	16.3	52.2	5.1	0.2	0.9	1.7	0.1
Other health impairments <sup>2</sup> .....	100.0	10.8	23.8	61.4	1.6	0.2	1.1	0.9	0.3
Specific learning disabilities.....	100.0	8.0	26.6	63.3	0.6	0.1	0.9	0.2	0.4
Speech or language impairments.....	100.0	4.6	5.6	86.3	0.3	#	3.1	0.1	#
Traumatic brain injury.....	100.0	21.5	23.8	46.4	5.2	0.6	0.7	1.7	0.2
Visual impairments.....	100.0	12.0	13.5	62.6	6.2	3.6	1.4	0.7	#
<b>2010</b>									
<b>All students with disabilities.....</b>	<b>100.0</b>	<b>14.2</b>	<b>20.1</b>	<b>60.5</b>	<b>3.0</b>	<b>0.4</b>	<b>1.2</b>	<b>0.4</b>	<b>0.3</b>
Autism.....	100.0	34.1	18.1	38.5	7.9	0.5	0.6	0.3	#
Deaf-blindness.....	100.0	33.4	11.9	23.0	18.2	9.6	0.7	3.2	#
Developmental delay.....	100.0	16.1	19.8	62.4	0.9	0.1	0.6	0.2	#
Emotional disturbance.....	100.0	21.3	18.3	42.1	13.1	2.0	0.2	1.1	1.8
Hearing impairments.....	100.0	14.1	16.7	56.1	8.3	3.4	1.2	0.2	0.1
Intellectual disability.....	100.0	47.7	26.8	17.9	6.2	0.4	0.2	0.5	0.3
Multiple disabilities.....	100.0	45.9	15.9	13.0	19.7	1.8	0.4	3.1	0.2
Orthopedic impairments.....	100.0	22.9	16.2	53.3	4.9	0.2	0.8	1.7	0.1
Other health impairments <sup>2</sup> .....	100.0	10.6	23.0	62.4	1.6	0.2	1.0	0.9	0.3
Specific learning disabilities.....	100.0	7.3	25.6	65.1	0.6	0.1	0.9	0.2	0.3
Speech or language impairments.....	100.0	4.7	5.5	86.5	0.3	#	2.9	0.1	#
Traumatic brain injury.....	100.0	20.9	23.6	47.4	5.1	0.5	0.7	1.7	0.1
Visual impairments.....	100.0	11.8	13.4	63.7	5.5	3.7	1.3	0.6	#

—Not available.

#Rounds to zero.

<sup>1</sup>Students who are enrolled by their parents or guardians in regular private schools and have their basic education paid through private resources, but receive special education services at public expense. These students are not included under "Regular school, time inside general class" (columns 3 through 5).

<sup>2</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

NOTE: Data are for the 50 United States, the District of Columbia, and the Bureau of Indian Education schools. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) database. Retrieved June 11, 2012, from <http://tadnet.public.tadnet.org/pages/Z12>. (This table was prepared June 2012.)











**Table 55. Enrollment in foreign language courses compared with enrollment in grades 9 through 12 in public secondary schools: Selected years, fall 1948 through fall 2000**

[Numbers in thousands]

Language	Fall 1948	Fall 1960	Fall 1965	Fall 1968	Fall 1970	Fall 1974	Fall 1976	Fall 1982	Fall 1985	Fall 1990	Fall 1994	Fall 2000	Percent change in enrollment	
													1976 to 1990	1990 to 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Total enrollment, grades 9 to 12 .....</b>	<b>5,602<sup>1</sup></b>	<b>8,589</b>	<b>11,602</b>	<b>12,723</b>	<b>13,336</b>	<b>14,103</b>	<b>14,314</b>	<b>12,405</b>	<b>12,388</b>	<b>11,341</b>	<b>12,215</b>	<b>13,517</b>	<b>-20.8</b>	<b>19.2</b>
<b>All foreign languages<sup>2</sup></b>														
Number enrolled .....	1,170	2,522	3,659	3,890	3,779	3,295	3,174	2,910	4,029	4,257	5,002	5,898	34.1	38.6
Percent of all students .....	20.9	29.4	31.5	30.6	28.3	23.3	22.2	23.3	32.2	37.5	40.9	43.6	†	†
Modern foreign languages														
Number enrolled .....	741	1,867	3,068	3,518	3,514	3,127	3,023	2,740	3,852	4,093	4,813	5,721	35.4	39.8
Percent of all students .....	13.2	21.7	26.4	27.7	26.4	22.1	21.1	21.9	31.1	36.1	39.4	42.3	†	†
Spanish														
Number enrolled .....	443	933	1,427	1,698	1,811	1,678	1,717	1,563	2,334	2,611	3,220	4,058	52.1	55.4
Percent of all students .....	7.9	10.9	12.3	13.3	13.6	11.9	12.0	12.5	18.8	23.0	26.4	30.0	†	†
French														
Number enrolled .....	254	744	1,251	1,328	1,231	978	888	858	1,134	1,089	1,106	1,075	22.6	-1.3
Percent of all students .....	4.5	8.7	10.8	10.4	9.2	6.9	6.2	6.9	9.2	9.6	9.1	8.0	†	†
German														
Number enrolled .....	43	151	328	423	411	393	353	267	312	295	326	283	-16.2	-4.1
Percent of all students .....	0.8	1.8	2.8	3.3	3.1	2.8	2.5	2.1	2.5	2.6	2.7	2.1	†	†
Russian														
Number enrolled .....	—	10	27	24	20	15	11	6	6	16	16	11	46.6	-35.6
Percent of all students .....	—	0.1	0.2	0.2	0.2	0.1	0.1	#	#	0.1	0.1	0.1	†	†
Italian														
Number enrolled .....	—	20	25	27	27	40	46	44	47	40	44	64	-11.4	58.7
Percent of all students .....	—	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.5	†	†
Japanese <sup>3</sup>														
Number enrolled .....	—	—	—	—	—	—	—	—	—	25	42	51	—	102.5
Percent of all students .....	—	—	—	—	—	—	—	—	—	0.2	0.3	0.4	†	†
Other modern foreign languages <sup>4</sup>														
Number enrolled .....	1	9	9	18	15	23	9	3	18	15	59	179	73.0	1,102.3
Percent of all students .....	#	0.1	0.1	0.1	0.1	0.2	0.1	#	0.1	0.1	0.5	1.3	†	†
Latin														
Number enrolled .....	429	655	591	372	265	167	150	170	177	164	189	177	8.9	8.3
Percent of all students .....	7.7	7.6	5.1	2.9	2.0	1.2	1.1	1.4	1.4	1.4	1.5	1.3	†	†

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Estimated.<sup>2</sup>Includes enrollment in ancient Greek (not shown separately). Fewer than 1,000 students were enrolled in this language in each of the years shown.<sup>3</sup>Until 1990, student enrollment in Japanese courses was included in the Other modern foreign languages category.<sup>4</sup>Includes students enrolled in unspecified modern foreign languages. Since 1990, enrollment in Japanese courses is reported as a separate category.

NOTE: Percent change computed from unrounded numbers.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1982 through 2000. American Council on the Teaching of Foreign Languages, *Foreign Language Enrollments in U.S. Public Secondary Schools, Fall 2000*. (This table was prepared April 2002.)



**Table 57. Percentage of 3-, 4-, and 5-year-old children enrolled in preprimary programs, by attendance status, level of program, and selected child and family characteristics: 2011**  
[Standard errors appear in parentheses]

Selected child and family characteristics	Total 3- to 5-year-old population (in thousands)		Total enrollment (in thousands)		Percent of 3- to 5-year-old population enrolled									Percentage distribution of enrollment								
					Total	Full-day			Part-day													
						Total	Nursery school	Kindergarten	Total	Nursery school	Kindergarten	Full-day	Part-day									
1	2		3		4	5	6	7	8	9	10	11		12								
<b>Total</b> .....	<b>12,965</b>	<b>(81.8)</b>	<b>8,260</b>	<b>(105.0)</b>	<b>63.7</b>	<b>(0.72)</b>	<b>37.7</b>	<b>(0.79)</b>	<b>18.0</b>	<b>(0.65)</b>	<b>19.7</b>	<b>(0.49)</b>	<b>26.0</b>	<b>(0.66)</b>	<b>19.9</b>	<b>(0.60)</b>	<b>6.1</b>	<b>(0.38)</b>	<b>59.1</b>	<b>(0.98)</b>	<b>40.9</b>	<b>(0.98)</b>
Sex .....																						
Male .....	6,618	(64.1)	4,244	(82.6)	64.1	(1.04)	38.4	(1.06)	18.5	(0.89)	19.9	(0.68)	25.7	(0.91)	19.7	(0.85)	6.0	(0.48)	59.9	(1.30)	40.1	(1.30)
Female .....	6,347	(81.6)	4,016	(81.4)	63.3	(0.99)	36.9	(1.06)	17.4	(0.89)	19.5	(0.69)	26.4	(0.97)	20.0	(0.87)	6.3	(0.52)	58.3	(1.40)	41.7	(1.40)
Age of child .....																						
3 years old .....	4,292	(96.0)	1,651	(67.8)	38.5	(1.19)	21.6	(1.11)	20.2	(1.10)	1.4	(0.32)	16.8	(1.08)	16.4	(1.06)	0.5	(0.16)	56.2	(2.37)	43.8	(2.37)
4 years old .....	4,473	(76.0)	2,946	(76.8)	65.9	(1.28)	31.1	(1.29)	25.5	(1.24)	5.7	(0.63)	34.7	(1.15)	32.6	(1.17)	2.1	(0.32)	47.3	(1.60)	52.7	(1.60)
5 years old .....	4,201	(69.1)	3,663	(67.6)	87.2	(0.85)	61.0	(1.34)	7.8	(0.75)	53.3	(1.31)	26.2	(1.20)	9.9	(0.83)	16.3	(1.14)	70.0	(1.36)	30.0	(1.36)
Race/ethnicity of child .....																						
White .....	6,628	(50.7)	4,443	(72.1)	67.0	(0.91)	37.3	(1.00)	18.1	(0.84)	19.2	(0.63)	29.7	(0.99)	23.2	(0.91)	6.6	(0.54)	55.6	(1.32)	44.4	(1.32)
Black .....	1,760	(53.7)	1,149	(50.6)	65.3	(2.22)	48.0	(2.24)	25.8	(1.84)	22.3	(1.72)	17.3	(1.63)	14.9	(1.59)	2.3	(0.61)	73.6	(2.34)	26.4	(2.34)
Hispanic .....	3,367	(40.5)	1,878	(48.1)	55.8	(1.37)	32.8	(1.24)	13.4	(1.15)	19.4	(0.98)	23.0	(1.18)	16.5	(1.06)	6.5	(0.73)	58.8	(1.80)	41.2	(1.80)
Asian .....	569	(30.1)	365	(28.1)	64.2	(3.33)	36.3	(3.16)	15.8	(2.25)	20.4	(2.66)	27.9	(3.53)	20.0	(3.24)	7.9	(1.89)	56.5	(4.61)	43.5	(4.61)
Native Hawaiian/Pacific Islander .....	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)	†	(†)
American Indian/Alaska Native .....	96	(18.5)	70	(15.9)	72.9	(8.10)	53.1	(9.57)	33.9	(7.92)	19.2	(6.14)	19.8	(5.52)	16.9	(5.38)	2.9	(1.93)	72.8	(8.06)	27.2	(8.06)
Two or more races .....	514	(33.0)	331	(28.6)	64.3	(3.40)	38.5	(3.64)	20.5	(3.68)	17.9	(2.55)	25.9	(3.34)	16.5	(2.68)	9.4	(2.13)	59.8	(4.76)	40.2	(4.76)
Number of parents or guardians in household .....																						
One parent or guardian .....	3,784	(101.0)	2,347	(77.9)	62.0	(1.35)	42.8	(1.43)	20.4	(1.28)	22.4	(0.99)	19.2	(1.19)	14.6	(0.97)	4.6	(0.65)	69.1	(1.79)	30.9	(1.79)
Two parents or guardians .....	9,181	(110.3)	5,913	(107.2)	64.4	(0.89)	35.5	(0.97)	17.0	(0.76)	18.5	(0.60)	28.9	(0.85)	22.1	(0.80)	6.8	(0.45)	55.2	(1.24)	44.8	(1.24)
Mother's current employment status <sup>1</sup> .....																						
Employed .....	7,149	(123.3)	4,868	(105.6)	68.1	(0.95)	43.8	(1.06)	22.7	(0.89)	21.1	(0.74)	24.3	(0.88)	18.5	(0.77)	5.9	(0.44)	64.3	(1.22)	35.7	(1.22)
Unemployed .....	821	(55.7)	460	(41.1)	56.0	(3.09)	36.1	(3.15)	12.7	(2.39)	23.3	(2.36)	19.9	(2.47)	15.1	(2.16)	4.8	(1.28)	64.4	(4.11)	35.6	(4.11)
Not in the labor force .....	4,538	(114.2)	2,653	(87.6)	58.5	(1.21)	28.2	(1.14)	11.1	(0.85)	17.1	(0.79)	30.3	(1.13)	23.5	(1.09)	6.8	(0.68)	48.2	(1.64)	51.8	(1.64)
No mother in household .....	458	(39.8)	278	(32.0)	60.9	(4.19)	39.7	(4.35)	23.3	(3.79)	16.4	(2.95)	21.2	(3.44)	15.0	(2.93)	6.2	(1.93)	65.2	(5.31)	34.8	(5.31)
Father's current employment status <sup>1</sup> .....																						
Employed .....	8,458	(119.3)	5,499	(98.8)	65.0	(0.92)	36.7	(1.03)	17.8	(0.83)	18.8	(0.65)	28.3	(0.89)	21.7	(0.83)	6.6	(0.45)	56.4	(1.29)	43.6	(1.29)
Unemployed .....	586	(46.6)	325	(35.5)	55.5	(3.68)	30.0	(3.43)	12.1	(2.61)	17.9	(2.46)	25.5	(3.35)	19.7	(3.13)	5.8	(1.52)	54.1	(5.09)	45.9	(5.09)
Not in the labor force .....	595	(45.7)	367	(35.5)	61.7	(3.39)	28.1	(3.42)	14.7	(2.87)	13.4	(2.46)	33.6	(3.65)	23.8	(3.26)	9.8	(2.25)	45.5	(5.04)	54.5	(5.04)
No father in household .....	3,326	(97.7)	2,068	(73.1)	62.2	(1.40)	43.3	(1.41)	20.0	(1.31)	23.3	(1.05)	18.9	(1.27)	14.6	(1.05)	4.4	(0.69)	69.6	(1.84)	30.4	(1.84)
Every parent or guardian employed <sup>1</sup> .....	4,563	(116.7)	3,181	(95.2)	69.7	(1.15)	43.6	(1.37)	23.2	(1.11)	20.4	(1.02)	26.2	(1.09)	19.5	(0.91)	6.6	(0.57)	62.5	(1.53)	37.5	(1.53)
No parent or guardian employed <sup>1</sup> .....	1,921	(69.9)	1,073	(53.7)	55.9	(1.97)	33.4	(1.91)	13.6	(1.25)	19.8	(1.52)	22.5	(1.68)	16.2	(1.38)	6.3	(1.11)	59.7	(2.65)	40.3	(2.65)
Highest educational attainment of parents or guardians <sup>1</sup> .....																						
Less than high school .....	1,441	(76.2)	765	(47.6)	53.1	(2.45)	37.2	(2.42)	13.6	(1.79)	23.6	(2.03)	15.9	(1.69)	11.9	(1.60)	4.0	(0.81)	70.0	(2.97)	30.0	(2.97)
High school/GED .....	3,037	(100.2)	1,751	(76.0)	57.7	(1.65)	34.1	(1.66)	14.9	(1.25)	19.2	(1.28)	23.5	(1.45)	17.8	(1.23)	5.7	(0.68)	59.2	(2.27)	40.8	(2.27)
Vocational/technical or some college .....	2,371	(83.6)	1,447	(67.8)	61.1	(1.89)	38.4	(1.96)	17.7	(1.47)	20.7	(1.43)	22.7	(1.65)	16.8	(1.31)	5.9	(1.04)	62.9	(2.48)	37.1	(2.48)
Associate's degree .....	1,506	(71.5)	945	(54.7)	62.8	(2.22)	35.2	(1.96)	19.4	(1.61)	15.8	(1.49)	27.6	(1.88)	22.1	(1.86)	5.4	(1.01)	56.1	(2.50)	43.9	(2.50)
Bachelor's degree .....	2,642	(90.5)	1,872	(77.3)	70.9	(1.62)	38.2	(1.68)	18.5	(1.45)	19.7	(1.19)	32.6	(1.63)	25.4	(1.48)	7.2	(0.82)	54.0	(2.05)	46.0	(2.05)
Graduate or professional degree .....	1,969	(76.6)	1,480	(67.8)	75.2	(1.89)	43.8	(2.26)	24.5	(1.80)	19.3	(1.64)	31.4	(1.91)	23.6	(1.75)	7.8	(1.04)	58.2	(2.46)	41.8	(2.46)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data pertain only to parents or guardians who live in the household with the child.

NOTE: Preprimary programs provide educational experiences for children and include kindergarten, preschool, and nursery school programs. Enrollment data for 5-year-olds include only those students in preprimary programs and do not include those enrolled in primary programs. Race categories exclude persons of Hispanic ethnicity. Data are based on sample surveys of the civilian noninstitutional population. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 2011. (This table was prepared June 2012.)

**Table 58. Number of children under 6 years old and not yet enrolled in kindergarten, percentage in center-based programs, average weekly hours in nonparental care, and percentage in various types of primary care arrangements, by selected child and family characteristics: 2005**  
[Standard errors appear in parentheses]

Selected child and family characteristic	Number of children, ages 0 to 5 (in thousands)	Percent in center-based programs	Average hours per week in nonparental care <sup>1</sup>	Percentage distribution, by type of primary care arrangement							
				Parental care only	Nonparental care					Multiple arrangements <sup>2</sup>	
					Center-based care		Nonrelative care		Relative		
					Head Start	Other center-based	Family child care (in another home)	Sitter (in child's home)			
1	2	3	4	5	6	7	8	9	10	11	
<b>Total preschool children...</b>	<b>20,665 (9.0)</b>	<b>36.1 (0.60)</b>	<b>29.3 (0.37)</b>	<b>39.8 (0.76)</b>	<b>5.1 (0.40)</b>	<b>27.3 (0.49)</b>	<b>8.3 (0.39)</b>	<b>2.3 (0.24)</b>	<b>15.4 (0.66)</b>	<b>1.7 (0.18)</b>	
<b>Age</b>											
Under 1 year.....	3,519 (#)	12.0 (1.13)	30.9 (0.95)	57.7 (1.81)	1.2 ! (0.57)	10.0 (1.07)	9.2 (0.90)	3.2 (0.60)	17.2 (1.42)	1.5 ! (0.47)	
1 year old.....	3,988 (#)	16.9 (1.34)	31.2 (0.81)	48.5 (1.89)	0.7 ! (0.25)	15.0 (1.32)	11.1 (1.09)	3.4 (0.57)	19.1 (1.52)	2.2 (0.50)	
2 years old.....	4,093 (#)	28.7 (1.84)	29.6 (0.75)	44.9 (1.97)	3.5 (0.98)	22.7 (1.66)	10.7 (1.13)	2.4 (0.49)	14.3 (1.17)	1.5 (0.38)	
3 years old.....	4,070 (93.0)	42.5 (1.67)	28.9 (0.64)	34.0 (1.46)	5.3 (0.75)	33.2 (1.64)	7.6 (0.91)	1.7 (0.38)	16.7 (1.35)	1.5 (0.36)	
4 years old.....	3,873 (92.0)	69.2 (1.36)	27.9 (0.67)	20.9 (1.44)	13.2 (1.12)	48.2 (1.29)	4.0 (0.73)	1.2 ! (0.50)	10.4 (1.29)	2.2 (0.44)	
5 years old.....	1,123 (67.3)	68.7 (3.51)	26.9 (1.28)	21.1 (3.17)	10.4 (2.22)	48.4 (3.33)	4.6 ! (1.44)	‡ (†)	13.6 (2.91)	‡ (†)	
<b>Race/ethnicity</b>											
White.....	11,488 (99.2)	37.8 (0.87)	27.1 (0.48)	37.7 (0.97)	2.8 (0.35)	30.4 (0.82)	10.1 (0.59)	3.1 (0.35)	14.1 (0.82)	1.8 (0.26)	
Black.....	2,962 (5.2)	43.8 (2.44)	35.9 (0.85)	30.8 (2.67)	13.3 (2.10)	28.8 (2.32)	6.6 (1.05)	‡ (†)	17.8 (2.76)	1.7 ! (0.57)	
Hispanic.....	4,283 (4.1)	25.2 (1.28)	28.8 (0.76)	50.9 (1.43)	6.2 (0.76)	16.8 (1.01)	6.4 (0.80)	1.5 (0.32)	16.7 (0.96)	1.4 (0.35)	
Other <sup>3</sup> .....	1,933 (100.2)	37.9 (2.72)	31.8 (0.91)	41.5 (2.80)	3.8 (0.94)	29.6 (2.43)	4.8 (0.76)	1.3 (0.35)	17.1 (2.03)	1.9 ! (0.68)	
<b>Number of parents in the household<sup>4</sup></b>											
Two parents.....	16,275 (114.0)	34.4 (0.70)	27.0 (0.42)	43.3 (0.90)	3.4 (0.33)	27.7 (0.58)	8.6 (0.44)	2.4 (0.24)	12.9 (0.66)	1.7 (0.20)	
One parent.....	4,055 (112.6)	42.2 (1.94)	35.1 (0.77)	26.1 (1.68)	11.1 (1.42)	26.3 (1.61)	7.8 (1.06)	‡ (†)	25.3 (2.28)	1.8 (0.41)	
<b>Mother in household</b>											
Yes.....	19,982 (65.8)	35.7 (0.59)	28.9 (0.38)	40.1 (0.78)	4.9 (0.42)	27.3 (0.47)	8.5 (0.40)	2.3 (0.23)	15.2 (0.67)	1.7 (0.18)	
No.....	683 (63.8)	45.2 (4.17)	38.5 (1.87)	30.9 (3.95)	9.9 (2.44)	27.4 (3.62)	3.5 ! (1.26)	‡ (†)	22.5 (3.75)	3.0 ! (1.38)	
<b>Mother's employment status<sup>5</sup></b>											
Currently employed.....	11,328 (197.3)	43.8 (0.81)	32.3 (0.40)	20.9 (0.97)	5.4 (0.64)	33.1 (0.81)	13.7 (0.68)	3.0 (0.32)	21.4 (0.92)	2.4 (0.29)	
35 or more hours/week.....	7,038 (185.0)	47.5 (1.15)	37.1 (0.42)	14.9 (1.06)	5.7 (0.72)	36.3 (1.14)	16.6 (0.89)	2.4 (0.32)	22.0 (1.28)	2.1 (0.35)	
Less than 35 hours/week.....	4,290 (156.5)	37.7 (1.52)	22.7 (0.64)	30.8 (2.00)	5.1 (0.99)	27.9 (1.43)	8.9 (0.99)	3.9 (0.64)	20.5 (1.38)	2.9 (0.49)	
Looking for work.....	1,416 (118.3)	22.6 (2.91)	26.0 (1.46)	55.0 (4.48)	4.9 (1.11)	17.1 (2.66)	3.7 (1.03)	‡ (†)	16.7 ! (5.17)	‡ (†)	
Not in labor force.....	7,238 (173.7)	25.7 (1.03)	16.7 (0.69)	67.3 (1.13)	4.2 (0.50)	20.2 (0.91)	1.3 (0.26)	1.2 (0.22)	5.2 (0.61)	0.7 (0.19)	
<b>Mother's highest education<sup>5</sup></b>											
Less than high school.....	1,961 (99.4)	18.1 (1.58)	26.0 (1.58)	64.8 (2.31)	9.9 (1.33)	8.0 (1.03)	4.0 (0.89)	# (†)	12.2 (1.70)	1.0 ! (0.45)	
High school/GED.....	5,590 (182.6)	30.3 (1.49)	29.2 (0.73)	45.4 (1.77)	8.0 (0.96)	20.0 (1.25)	6.3 (0.73)	1.2 ! (0.42)	17.3 (1.32)	1.8 (0.39)	
Vocational/technical or some college.....	4,122 (145.7)	34.3 (1.80)	30.1 (1.02)	39.8 (2.17)	4.5 (0.68)	26.3 (1.59)	7.9 (0.94)	1.3 ! (0.42)	18.5 (1.76)	1.8 (0.47)	
Associate's degree.....	1,466 (78.9)	37.1 (2.76)	28.2 (1.04)	31.6 (2.90)	3.5 ! (1.22)	29.9 (2.48)	15.5 (1.96)	1.4 ! (0.56)	16.6 (2.27)	1.5 ! (0.62)	
Bachelor's degree.....	4,593 (123.1)	45.2 (1.55)	27.9 (0.63)	33.2 (1.33)	1.9 ! (0.57)	38.2 (1.39)	9.9 (0.86)	3.6 (0.58)	11.5 (1.01)	1.8 (0.37)	
Graduate/professional degree.....	2,250 (121.2)	47.1 (1.80)	30.0 (0.75)	25.7 (1.89)	1.2 ! (0.41)	40.3 (1.75)	11.6 (1.62)	6.5 (0.99)	13.0 (1.69)	1.7 (0.47)	
<b>Mother's home language<sup>5</sup></b>											
English.....	16,778 (117.0)	38.1 (0.63)	29.1 (0.41)	36.7 (0.86)	4.5 (0.49)	29.5 (0.53)	9.1 (0.44)	2.5 (0.26)	15.9 (0.77)	1.8 (0.21)	
Non-English.....	3,205 (103.3)	23.5 (1.61)	26.9 (0.97)	57.9 (1.76)	7.1 (1.02)	15.9 (1.25)	5.5 (0.82)	1.0 (0.26)	11.5 (0.99)	1.0 ! (0.31)	
<b>Mother's age at first birth<sup>5</sup></b>											
Less than 18.....	1,744 (117.6)	27.7 (2.84)	32.8 (1.40)	50.3 (3.11)	10.4 (1.81)	15.4 (2.31)	4.8 (1.03)	‡ (†)	15.9 (1.91)	1.1 ! (0.53)	
18 or 19.....	2,529 (135.1)	28.4 (2.14)	30.6 (1.13)	46.6 (2.81)	7.6 (1.23)	17.6 (1.90)	7.1 (1.33)	0.9 ! (0.34)	19.4 (2.80)	0.8 ! (0.34)	
20 or older.....	15,709 (140.0)	37.8 (0.68)	28.3 (0.43)	37.9 (0.74)	3.9 (0.43)	30.2 (0.65)	9.1 (0.46)	2.5 (0.24)	14.4 (0.70)	1.9 (0.21)	
<b>Household income</b>											
\$15,000 or less.....	3,142 (79.3)	29.7 (2.19)	31.4 (1.11)	48.2 (2.35)	11.0 (1.61)	16.6 (1.80)	4.7 (0.90)	1.7 ! (0.67)	16.9 (2.31)	0.9 ! (0.35)	
\$15,001 to \$25,000.....	2,770 (79.2)	29.0 (2.53)	31.0 (1.16)	48.9 (2.44)	8.5 (1.02)	19.2 (2.18)	4.5 (0.70)	1.5 ! (0.63)	15.9 (1.68)	1.5 ! (0.57)	
\$25,001 to \$35,000.....	2,313 (94.5)	30.8 (2.06)	28.7 (1.01)	44.2 (2.22)	9.0 (1.52)	19.1 (1.89)	6.7 (1.39)	0.7 ! (0.31)	18.4 (1.99)	1.9 (0.52)	
\$35,001 to \$50,000.....	2,943 (111.8)	28.3 (1.83)	29.5 (1.03)	48.5 (2.41)	4.2 (0.91)	21.2 (1.60)	6.7 (0.97)	0.8 ! (0.29)	16.7 (1.51)	2.0 (0.58)	
More than \$50,000.....	9,498 (112.8)	43.9 (0.95)	28.4 (0.42)	30.6 (1.03)	1.5 (0.27)	37.1 (0.88)	11.5 (0.71)	3.6 (0.38)	13.7 (0.84)	1.9 (0.26)	
<b>Poverty status<sup>6</sup></b>											
Above poverty threshold.....	15,900 (60.9)	38.4 (0.77)	29.0 (0.37)	36.6 (0.87)	3.5 (0.36)	30.6 (0.65)	9.6 (0.51)	2.5 (0.24)	15.3 (0.72)	1.9 (0.22)	
At or below poverty threshold.....	4,766 (60.7)	28.3 (1.80)	30.2 (0.96)	50.5 (1.93)	10.4 (1.15)	16.4 (1.51)	3.9 (0.63)	1.7 ! (0.54)	15.9 (1.75)	1.1 (0.29)	
<b>Household size</b>											
2 or 3 persons.....	5,469 (137.6)	38.2 (1.48)	32.5 (0.57)	30.6 (1.27)	5.9 (0.90)	28.9 (1.36)	11.6 (0.94)	2.2 (0.39)	18.5 (1.07)	2.2 (0.41)	
4 persons.....	7,723 (172.4)	39.5 (1.17)	28.4 (0.56)	38.1 (1.26)	4.2 (0.56)	31.9 (0.95)	8.7 (0.65)	2.3 (0.35)	13.3 (1.14)	1.7 (0.33)	
5 persons.....	4,279 (165.9)	34.0 (1.85)	26.8 (0.85)	44.3 (2.14)	5.6 (0.84)	24.2 (1.65)	7.2 (1.01)	3.1 (0.69)	14.4 (1.28)	1.2 (0.31)	
6 or more persons.....	3,194 (138.4)	26.8 (1.90)	27.6 (0.95)	53.7 (2.36)	5.4 (0.90)	17.7 (1.70)	3.3 (0.62)	1.4 (0.35)	16.7 (2.53)	1.8 (0.41)	
<b>Urbanicity</b>											
Rural.....	4,328 (5.4)	32.5 (1.93)	29.7 (0.91)	37.5 (2.00)	5.8 (0.82)	22.5 (1.78)	10.6 (1.04)	1.4 ! (0.58)	20.0 (1.68)	2.2 (0.48)	
Urban.....	16,337 (7.5)	37.0 (0.58)	29.1 (0.37)	40.4 (0.88)	4.9 (0.43)	28.6 (0.54)	7.7 (0.44)	2.5 (0.27)	14.2 (0.70)	1.6 (0.18)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Mean hours per week per child, among preschool children enrolled in any type of nonparental care arrangement. For children with more than one arrangement, the hours of each weekly arrangement were summed to calculate the total amount of time in child care per week.

<sup>2</sup>Children who spend equal hours per week in multiple nonparental care arrangements.

<sup>3</sup>Includes persons of all other races and two or more races.

<sup>4</sup>Excludes children living apart from their parents.

<sup>5</sup>Excludes children living in households with no mother or female guardian present.

<sup>6</sup>Poverty status was determined by household income and number of persons in household.

NOTE: A child's "primary arrangement" was defined as the regular nonparental care arrangement or early childhood education program in which the child spent the most time per week. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECPP-NHES:2005). (This table was prepared October 2006.)

**Table 59. Child care arrangements of 3- to 5-year-old children who are not yet in kindergarten, by age and race/ethnicity: Various years, 1991 through 2005**

[Standard errors appear in parentheses]

Child care arrangement	Total	Age			Race/ethnicity			
		3 years old	4 years old	5 years old	White	Black	Hispanic	Other <sup>1</sup>
1	2	3	4	5	6	7	8	9
<b>1991 children</b>								
In thousands.....	8,402 (40.9)	3,733 (7.1)	3,627 (14.6)	1,042 (38.6)	5,850 (59.9)	1,236 (41.0)	999 (31.3)	317 (34.6)
Percent.....	100.0 (†)	44.4 (0.21)	43.2 (0.24)	12.4 (0.40)	69.6 (0.67)	14.7 (0.47)	11.9 (0.37)	3.8 (0.41)
Percent in nonparental arrangements.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Relative care.....	16.9 (0.60)	16.2 (0.72)	18.0 (0.85)	15.6 (1.34)	14.8 (0.66)	24.1 (2.09)	19.6 (2.08)	19.4 (3.87)
Nonrelative care.....	14.8 (0.56)	14.8 (0.76)	14.7 (0.79)	14.9 (1.81)	17.3 (0.76)	7.9 (1.20)	9.4 (1.27)	12.1 (2.45)
Center-based programs <sup>2</sup> .....	52.8 (0.89)	42.3 (1.44)	60.4 (1.04)	63.9 (2.12)	54.0 (0.95)	58.3 (2.49)	38.8 (2.20)	52.9 (3.45)
Percent with parental care only.....	31.0 (0.80)	37.8 (1.19)	26.0 (1.05)	24.3 (2.10)	30.6 (0.87)	24.8 (2.02)	40.7 (2.35)	32.8 (4.03)
<b>1995 children</b>								
In thousands.....	9,222 (52.9)	4,123 (8.3)	4,061 (12.5)	1,038 (48.3)	6,334 (94.0)	1,389 (56.1)	1,042 (38.8)	457 (39.1)
Percent.....	100.0 (†)	44.7 (0.25)	44.0 (0.24)	11.3 (0.46)	68.7 (0.94)	15.1 (0.60)	11.3 (0.42)	5.0 (0.42)
Percent in nonparental arrangements.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Relative care.....	19.4 (0.64)	21.4 (1.23)	18.4 (0.95)	15.2 (2.14)	16.5 (0.84)	28.7 (2.78)	22.8 (2.01)	22.6 (3.75)
Nonrelative care.....	16.9 (0.84)	18.5 (1.35)	15.3 (1.03)	17.2 (2.19)	19.4 (1.04)	11.3 (1.65)	12.5 (1.64)	10.5 (2.74)
Center-based programs <sup>2</sup> .....	55.1 (0.97)	40.7 (1.55)	64.8 (1.45)	74.5 (2.35)	56.9 (1.44)	59.8 (3.19)	37.4 (2.15)	56.7 (5.47)
Percent with parental care only.....	25.9 (1.01)	32.0 (1.95)	22.1 (1.24)	16.2 (1.78)	25.2 (1.39)	19.9 (2.50)	38.4 (2.33)	24.2 (3.59)
<b>1999 children</b>								
In thousands.....	8,518 (139.7)	3,809 (79.1)	3,703 (79.9)	1,006 (54.2)	5,384 (77.4)	1,214 (59.2)	1,376 (52.3)	545 (38.3)
Percent.....	100.0 (†)	44.7 (0.93)	43.5 (0.93)	11.8 (0.64)	63.2 (0.91)	14.2 (0.69)	16.2 (0.61)	6.4 (0.45)
Percent in nonparental arrangements.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Relative care.....	22.8 (0.77)	24.3 (1.28)	22.0 (1.14)	20.2 (2.06)	18.7 (0.90)	33.4 (2.58)	26.5 (1.86)	30.0 (3.97)
Nonrelative care.....	16.1 (0.67)	16.3 (1.02)	15.9 (1.07)	16.1 (2.08)	19.4 (0.88)	7.4 (1.37)	12.7 (1.29)	10.4 (1.98)
Center-based programs <sup>2</sup> .....	59.7 (0.63)	45.7 (1.28)	69.6 (1.19)	76.5 (2.40)	60.0 (0.81)	73.2 (2.40)	44.2 (2.19)	66.0 (4.10)
Percent with parental care only.....	23.1 (0.72)	30.8 (1.42)	17.7 (0.99)	13.5 (1.78)	23.2 (0.91)	13.7 (1.97)	33.4 (2.04)	16.6 (3.50)
<b>2001 children</b>								
In thousands.....	8,551 (11.0)	3,795 (91.4)	3,861 (89.0)	896 (47.0)	5,313 (68.0)	1,251 (55.1)	1,506 (43.5)	482 (38.3)
Percent.....	100.0 (†)	44.4 (1.06)	45.1 (1.04)	10.5 (0.55)	62.1 (0.79)	14.6 (0.64)	17.6 (0.51)	5.6 (0.45)
Percent in nonparental arrangements.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Relative care.....	22.8 (0.89)	23.6 (1.39)	22.5 (1.33)	20.9 (2.66)	19.6 (1.01)	36.7 (3.42)	22.8 (1.89)	22.8 (3.54)
Nonrelative care.....	14.0 (0.65)	14.7 (1.17)	13.6 (0.95)	13.1 (2.13)	16.5 (0.98)	8.5 (1.65)	11.3 (1.43)	10.8 (2.72)
Center-based programs <sup>2</sup> .....	56.4 (0.55)	42.8 (1.21)	65.9 (1.25)	73.0 (2.69)	59.1 (0.89)	63.1 (2.93)	39.9 (1.86)	61.8 (4.10)
Percent with parental care only.....	26.1 (0.67)	33.8 (1.29)	20.4 (1.11)	18.0 (2.49)	25.3 (0.99)	15.1 (2.22)	39.0 (2.03)	23.7 (3.90)
<b>2005 children</b>								
In thousands.....	9,066 (9.0)	4,070 (93.0)	3,873 (92.0)	1,123 (67.3)	5,177 (80.2)	1,233 (57.1)	1,822 (50.0)	834 (54.3)
Percent.....	100.0 (†)	44.9 (1.03)	42.7 (1.01)	12.4 (0.74)	57.1 (0.89)	13.6 (0.63)	20.1 (0.56)	9.2 (0.60)
Percent in nonparental arrangements.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Relative care.....	22.6 (1.02)	24.0 (1.44)	20.8 (1.56)	23.8 (3.17)	21.4 (1.34)	25.0 (3.42)	22.6 (1.79)	26.4 (3.29)
Nonrelative care.....	11.6 (0.73)	14.4 (1.12)	9.2 (1.03)	9.9 (2.00)	15.0 (1.13)	5.2 (1.31)	8.1 (1.36)	8.1 (1.94)
Center-based programs <sup>2</sup> .....	57.2 (0.83)	42.5 (1.67)	69.2 (1.36)	68.7 (3.51)	59.1 (1.32)	66.5 (3.41)	43.4 (2.10)	61.5 (3.31)
Percent with parental care only.....	26.3 (0.92)	33.4 (1.48)	20.6 (1.42)	20.4 (3.15)	24.1 (1.22)	19.5 (2.85)	38.0 (2.10)	24.7 (3.11)

†Not applicable.

<sup>1</sup>Includes persons of all other races and two or more races.

<sup>2</sup>Center-based programs include day care centers, nursery schools, prekindergartens, pre-schools, and Head Start programs.

NOTE: Row percents for nonparental and parental care do not add to 100 percent because some children participated in more than one type of nonparental care arrangement. Race

categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Education Survey, Parent Survey, and Early Childhood Program Participation Survey of the National Household Education Surveys Program (ECE-NHES:1991; Parent-NHES:1999; and ECPP-NHES:1995, 2001, and 2005). (This table was prepared July 2006.)



**Table 60. Percentage distribution of children at about 2 and 4 years of age, by type of child care arrangement and selected child and family characteristics: 2003–04 and 2005–06**  
[Standard errors appear in parentheses]

Selected child and family characteristics	Children at about 2 years of age in 2003–04							Children at about 4 years of age in 2005–06									
	Percentage distribution by primary type of care arrangement <sup>2</sup>							Percentage distribution by primary type of care arrangement <sup>2</sup>									
	Percentage distribution of children <sup>1</sup>	No regular nonparental care	Home-based care		Center-based care <sup>5</sup>	Multiple arrangements <sup>6</sup>	Percentage distribution of children <sup>7</sup>	No regular nonparental care	Home-based care		Center-based care <sup>5</sup>			Multiple arrangements <sup>6</sup>			
			Relative care <sup>3</sup>	Nonrelative care <sup>4</sup>					Relative care <sup>3</sup>	Nonrelative care <sup>4</sup>	Total	Head Start	Other than Head Start				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
<b>Total</b> .....	<b>100.0</b> (†)	<b>50.5</b> (0.74)	<b>18.5</b> (0.62)	<b>14.6</b> (0.51)	<b>15.8</b> (0.50)	<b>0.5</b> (0.10)	<b>100.0</b> (†)	<b>20.0</b> (0.65)	<b>13.1</b> (0.61)	<b>7.6</b> (0.32)	<b>57.4</b> (0.81)	<b>12.6</b> (0.64)	<b>44.8</b> (0.71)	<b>1.9</b> (0.21)			
<b>Sex of child</b>																	
Male.....	51.2 (0.08)	50.0 (0.96)	19.1 (0.79)	14.3 (0.61)	16.3 (0.65)	0.3 (0.07)	51.2 (0.11)	19.3 (0.80)	13.1 (0.79)	7.5 (0.51)	58.0 (0.98)	12.9 (0.80)	45.1 (1.02)	2.1 (0.33)			
Female.....	48.8 (0.08)	51.1 (1.01)	18.0 (0.78)	14.9 (0.71)	15.2 (0.63)	0.8 (0.19)	48.8 (0.11)	20.7 (0.90)	13.2 (0.86)	7.7 (0.52)	56.8 (1.02)	12.4 (0.74)	44.4 (0.92)	1.7 (0.20)			
<b>Race/ethnicity of child</b>																	
White.....	53.6 (0.54)	50.8 (1.08)	14.9 (0.88)	17.0 (0.74)	16.9 (0.74)	0.5 (0.13)	53.8 (0.59)	17.9 (0.98)	11.0 (0.74)	9.2 (0.49)	60.0 (1.04)	6.8 (0.61)	53.3 (1.00)	1.8 (0.28)			
Black.....	13.7 (0.24)	37.3 (1.39)	25.8 (1.51)	12.0 (1.30)	24.2 (1.15)	0.8 ! (0.24)	13.8 (0.26)	16.3 (1.38)	13.9 (1.49)	4.4 (0.73)	62.1 (2.08)	25.1 (1.98)	37.0 (1.88)	3.3 (0.65)			
Hispanic.....	25.3 (0.37)	57.5 (1.39)	21.4 (1.14)	11.5 (0.94)	9.2 (0.94)	†	25.1 (0.42)	27.3 (1.36)	15.9 (1.14)	6.2 (0.78)	49.3 (1.57)	18.6 (1.23)	30.7 (1.64)	1.2 (0.29)			
Asian.....	2.7 (0.09)	55.3 (2.17)	23.8 (1.44)	10.8 (1.05)	9.6 (1.39)	†	2.6 (0.09)	17.1 (1.71)	16.1 (1.44)	3.6 (0.70)	60.9 (2.02)	5.5 (0.90)	55.3 (2.12)	2.3 ! (1.05)			
Pacific Islander.....	0.2 (0.04)	73.2 (9.89)	23.8 ! (9.95)	†	†	†	0.2 (0.05)	22.3 ! (6.82)	45.0 ! (14.27)	†	19.9 ! (7.94)	†	14.9 ! (6.47)	†			
American Indian/Alaska Native.....	0.5 (0.06)	57.3 (3.16)	17.4 (3.10)	11.6 ! (3.85)	13.8 (2.72)	†	0.5 (0.05)	19.9 (2.40)	14.0 (2.06)	5.2 (1.45)	59.7 (3.57)	31.0 (4.71)	28.7 (5.61)	†			
Two or more races.....	4.0 (0.28)	46.3 (2.87)	20.0 (1.71)	13.2 (2.23)	19.3 (2.18)	†	4.0 (0.28)	17.9 (2.14)	17.6 (2.43)	9.1 (2.16)	53.6 (3.47)	11.1 (2.35)	42.5 (3.22)	1.8 ! (0.85)			
<b>Age of child</b>																	
22 or fewer months.....	1.9 (0.29)	58.6 (4.73)	21.0 (4.62)	11.0 ! (3.41)	9.4 (2.77)	†	†	†	†	†	†	†	†	†			
23 months.....	38.3 (1.22)	54.1 (1.16)	17.0 (0.93)	13.6 (0.91)	14.5 (0.85)	0.7 (0.16)	†	†	†	†	†	†	†	†			
24 months.....	38.0 (0.89)	49.1 (1.02)	18.5 (0.95)	15.6 (0.80)	16.6 (0.87)	0.2 ! (0.10)	†	†	†	†	†	†	†	†			
25 months.....	12.4 (0.46)	44.9 (1.91)	23.1 (1.44)	14.7 (1.41)	16.8 (1.44)	†	†	†	†	†	†	†	†	†			
26 or more months.....	9.4 (0.60)	47.7 (2.37)	18.6 (1.82)	14.8 (1.39)	17.9 (1.60)	1.1 ! (0.54)	†	†	†	†	†	†	†	†			
Less than 48 months.....	†	†	†	†	†	†	16.4 (0.57)	27.3 (1.63)	13.9 (1.48)	8.7 (0.95)	47.9 (1.77)	10.6 (1.25)	37.3 (1.91)	2.2 (0.55)			
48 to 52 months.....	†	†	†	†	†	†	38.1 (0.55)	19.9 (1.01)	13.0 (0.87)	8.3 (0.60)	56.8 (1.29)	12.0 (0.79)	44.8 (1.31)	2.0 (0.37)			
53 to 57 months.....	†	†	†	†	†	†	36.5 (0.57)	16.5 (0.93)	13.1 (0.83)	6.7 (0.52)	62.2 (1.33)	14.4 (1.01)	47.8 (1.23)	1.5 (0.25)			
58 or more months.....	†	†	†	†	†	†	9.0 (0.41)	21.1 (1.98)	12.1 (1.66)	6.4 (1.09)	57.8 (2.80)	12.0 (1.70)	45.8 (2.50)	2.7 (0.75)			
<b>Mother's employment status<sup>8</sup></b>																	
Employed full-time.....	34.7 (0.73)	15.7 (0.89)	30.4 (1.10)	26.0 (0.86)	27.1 (0.96)	0.8 (0.21)	34.7 (0.77)	11.3 (0.96)	16.2 (0.91)	12.1 (0.97)	58.7 (1.56)	11.5 (1.03)	47.2 (1.29)	1.7 (0.27)			
Employed part-time.....	20.2 (0.62)	35.4 (1.53)	26.4 (1.53)	20.5 (1.37)	16.7 (1.23)	1.0 ! (0.34)	20.3 (0.63)	16.4 (1.33)	14.1 (1.20)	9.1 (0.86)	57.3 (1.70)	8.7 (1.00)	48.6 (1.65)	3.1 (0.57)			
Looking for work.....	6.3 (0.35)	71.1 (2.30)	11.5 (1.58)	3.8 (0.95)	13.4 (2.02)	†	6.3 (0.36)	22.3 (2.33)	18.5 (2.33)	5.4 (1.23)	52.4 (2.83)	25.9 (2.87)	26.5 (2.33)	1.4 ! (0.56)			
Not in labor force.....	38.4 (0.78)	86.8 (0.75)	4.8 (0.48)	3.0 (0.35)	5.4 (0.46)	†	38.3 (0.81)	29.4 (0.97)	8.6 (0.63)	3.3 (0.38)	57.1 (0.96)	13.7 (0.80)	43.5 (1.10)	1.6 (0.32)			
No mother in household.....	0.4 (0.09)	21.2 ! (7.28)	33.5 (8.60)	19.5 ! (9.29)	25.9 ! (8.01)	†	0.4 (0.10)	11.0 ! (6.13)	36.2 (9.59)	†	52.5 (9.42)	21.0 ! (8.49)	31.5 (8.19)	†			
<b>Parents' highest level of education</b>																	
Less than high school.....	12.8 (0.36)	67.6 (1.98)	17.5 (1.45)	6.8 (1.08)	7.7 (0.98)	†	10.5 (0.36)	34.2 (2.10)	16.4 (1.77)	3.7 (1.04)	43.5 (2.59)	22.4 (2.13)	21.1 (2.06)	2.1 ! (0.80)			
High school completion.....	25.7 (0.46)	50.1 (1.47)	23.1 (1.27)	12.3 (0.97)	14.1 (0.87)	0.4 ! (0.15)	23.1 (0.57)	22.0 (1.24)	17.0 (1.20)	6.9 (0.69)	52.1 (1.87)	21.6 (1.41)	30.6 (1.49)	1.9 (0.34)			
Some college/vocational.....	29.7 (0.48)	46.9 (1.51)	21.6 (1.22)	15.1 (0.92)	15.7 (0.94)	0.7 ! (0.21)	33.4 (0.64)	21.0 (1.24)	15.2 (0.95)	7.1 (0.56)	54.9 (1.41)	13.3 (0.99)	41.6 (1.26)	1.8 (0.33)			
Bachelor's degree.....	16.9 (0.46)	48.6 (1.14)	14.4 (1.18)	17.8 (1.18)	18.6 (1.14)	0.7 ! (0.23)	16.8 (0.45)	16.0 (1.57)	8.4 (1.02)	8.2 (0.93)	65.6 (1.88)	3.2 (0.75)	62.4 (2.00)	1.8 (0.48)			
Any graduate education.....	14.9 (0.35)	46.0 (1.91)	10.5 (1.05)	20.7 (1.57)	22.4 (1.49)	0.4 ! (0.16)	16.2 (0.37)	9.7 (0.83)	6.2 (0.90)	11.3 (1.16)	70.8 (1.57)	2.0 (0.52)	68.8 (1.67)	2.0 (0.52)			
<b>Poverty status<sup>9</sup></b>																	
Below poverty threshold.....	23.9 (0.75)	61.8 (1.40)	18.0 (1.15)	7.8 (0.79)	11.7 (0.92)	0.7 ! (0.24)	24.8 (0.64)	27.5 (1.27)	15.1 (1.19)	4.4 (0.54)	51.0 (1.61)	26.3 (1.45)	24.7 (1.20)	2.0 (0.40)			
At or above poverty threshold.....	76.1 (0.75)	47.0 (0.90)	18.7 (0.68)	16.7 (0.62)	17.1 (0.60)	0.5 (0.11)	75.2 (0.64)	17.5 (0.71)	12.5 (0.64)	8.6 (0.39)	59.5 (0.86)	8.1 (0.57)	51.4 (0.85)	1.9 (0.22)			
<b>Socioeconomic status<sup>10</sup></b>																	
Lowest 20 percent.....	20.0 (0.48)	66.7 (1.43)	17.2 (1.20)	6.8 (0.75)	8.9 (0.72)	0.4 ! (0.18)	20.0 (0.52)	30.5 (1.31)	14.9 (1.33)	5.0 (0.69)	47.2 (1.84)	24.9 (1.58)	22.4 (1.47)	2.3 (0.58)			
Middle 60 percent.....	60.0 (0.67)	46.8 (0.98)	21.8 (0.78)	15.1 (0.63)	15.8 (0.58)	0.6 (0.15)	60.0 (0.67)	19.7 (0.86)	15.1 (0.82)	7.4 (0.49)	56.0 (1.09)	12.4 (0.80)	43.6 (0.90)	1.8 (0.23)			
Highest 20 percent.....	20.0 (0.48)	45.9 (1.75)	10.2 (0.85)	20.8 (1.52)	22.6 (1.45)	0.5 ! (0.21)	20.0 (0.47)	10.4 (0.93)	5.4 (0.73)	10.7 (0.91)	71.6 (1.39)	1.0 (0.23)	70.5 (1.42)	1.9 (0.42)			

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Distribution of weighted Early Childhood Longitudinal Study, Birth Cohort survey population with data on primary care arrangements.<sup>2</sup>Primary type of care arrangement is the type of nonparental care in which the child spent the most hours.<sup>3</sup>Care provided in the child's home or in another private home by a relative (excluding parents).<sup>4</sup>Care provided in the child's home or in another private home by a person unrelated to the child.<sup>5</sup>Care provided in places such as early learning centers, nursery schools, and preschools.<sup>6</sup>Children who spent an equal amount of time in each of two or more arrangements.<sup>7</sup>Distribution of weighted Early Childhood Longitudinal Study, Birth Cohort survey population between 44 and 65 months of age with data on primary care arrangements.<sup>8</sup>Mothers who reported working at least 35 hours per week are defined as employed full time, while those who reported working less than 35 hours per week are defined as employed part time. Those neither employed nor looking for work are not in the labor force.<sup>9</sup>Poverty status based on Census Bureau guidelines from 2002 (for 2-year-olds in 2003–04) and 2005 (for 4-year-olds in 2005–06), which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2002, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$18,392 (in current dollars).<sup>10</sup>Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income.

NOTE: Data are based on a representative sample of children born in 2001. Estimates for children at about 2 years of age weighted by W2R0. Estimates for children at about 4 years of age weighted by W3R0. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and suppression of cells that do not meet standards. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort, 9-month–Kindergarten Restricted-Use Data File and Electronic Codebook. (This table was prepared December 2010.)

**Table 61. Percentage distribution of quality rating of child care arrangements of children at about 4 years of age, by type of arrangement and selected child and family characteristics: 2005–06**

Selected child and family characteristics	Quality rating of primary type of child care arrangement <sup>1</sup>											
	Home-based relative and nonrelative care <sup>2,3</sup>			All center-based programs								
				Head Start and other center-based programs <sup>4</sup>			Head Start <sup>4</sup>			Center-based care other than Head Start <sup>4,5</sup>		
	Low	Medium	High	Low	Medium	High	Low	Medium	High	Low	Medium	High
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>42.6 (4.01)</b>	<b>47.9 (4.22)</b>	<b>9.5 (2.37)</b>	<b>9.5 (1.40)</b>	<b>55.9 (2.44)</b>	<b>34.6 (2.58)</b>	<b>3.2 (0.78)</b>	<b>56.7 (3.27)</b>	<b>40.1 (3.34)</b>	<b>11.6 (1.74)</b>	<b>55.6 (3.05)</b>	<b>32.8 (3.10)</b>
Sex of child												
Male .....	45.5 (5.48)	44.1 (5.58)	10.4 ! (3.88)	6.3 (1.47)	53.5 (3.35)	40.2 (3.29)	2.2 ! (0.97)	56.5 (3.94)	41.2 (3.95)	7.7 (1.82)	52.4 (4.07)	39.8 (4.08)
Female .....	39.3 (5.23)	52.2 (5.83)	8.5 (2.45)	12.7 (2.32)	58.2 (3.33)	29.1 (3.24)	4.3 (1.14)	56.8 (4.83)	38.9 (4.88)	15.2 (2.84)	58.7 (3.98)	26.2 (3.71)
Race/ethnicity of child												
White .....	29.9 (4.72)	55.3 (5.34)	14.9 (4.09)	9.3 (1.79)	54.7 (3.77)	36.0 (3.69)	4.0 ! (1.93)	47.5 (8.27)	48.5 (8.29)	10.2 (1.95)	55.8 (4.01)	34.0 (3.84)
Black .....	52.8 (8.64)	47.2 (8.64)	† (†)	14.8 (3.75)	59.9 (4.55)	25.3 (3.91)	6.9 (1.60)	67.0 (4.49)	26.1 (4.70)	20.8 (6.22)	54.6 (6.76)	24.6 (4.24)
Hispanic .....	62.5 (8.53)	33.4 (8.03)	† (†)	7.2 ! (2.79)	52.9 (4.25)	39.8 (4.77)	† (†)	56.2 (5.54)	43.4 (5.47)	11.7 ! (4.47)	50.8 (6.82)	37.6 (7.31)
Asian .....	† (†)	† (†)	† (†)	† (†)	61.7 (8.22)	32.8 (8.15)	† (†)	† (†)	† (†)	† (†)	64.8 (8.25)	29.3 (8.02)
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	73.5 (7.69)	23.5 (7.02)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races .....	† (†)	† (†)	† (†)	† (†)	66.0 (7.63)	25.5 (6.61)	† (†)	59.7 (10.79)	40.3 (10.79)	† (†)	68.4 (8.83)	19.7 ! (6.84)
Age of child												
Less than 48 months .....	31.8 (7.35)	64.3 (7.24)	† (†)	9.8 (2.35)	57.1 (5.33)	33.1 (5.51)	† (†)	62.3 (8.56)	35.3 (8.44)	12.5 (3.49)	55.2 (7.31)	32.3 (7.22)
48 to 52 months .....	40.3 (6.19)	47.2 (6.86)	12.5 ! (4.19)	12.3 (2.59)	54.9 (4.12)	32.8 (3.72)	† (†)	55.5 (6.29)	43.6 (6.31)	16.2 (3.23)	54.7 (5.00)	29.1 (4.37)
53 to 57 months .....	46.6 (6.49)	42.5 (6.69)	10.9 (3.14)	7.3 (1.67)	56.5 (3.22)	36.2 (3.36)	3.8 ! (1.34)	57.5 (4.02)	38.7 (4.06)	8.4 (2.08)	56.2 (4.22)	35.4 (4.29)
58 or more months .....	† (†)	† (†)	† (†)	† (†)	55.1 (4.81)	37.7 (4.57)	† (†)	46.7 (13.27)	38.4 (11.42)	† (†)	57.5 (5.77)	37.5 (5.88)
Mother's employment status <sup>6</sup>												
Full-time (35 hours or more) .....	36.6 (4.34)	56.6 (4.50)	6.9 ! (2.52)	14.9 (2.84)	55.5 (3.74)	29.6 (3.67)	4.9 (1.16)	47.7 (5.16)	47.4 (5.53)	17.6 (3.47)	57.6 (4.47)	24.8 (3.72)
Part-time (less than 35 hours) .....	48.9 (7.47)	35.1 (7.08)	16.0 (4.61)	5.7 ! (1.80)	60.9 (4.64)	33.4 (4.72)	† (†)	59.8 (8.26)	37.0 (7.97)	6.5 ! (2.17)	61.2 (6.14)	32.3 (5.97)
Looking for work .....	† (†)	† (†)	† (†)	14.0 ! (5.19)	53.4 (6.27)	32.5 (6.64)	† (†)	73.1 (8.42)	24.5 ! (8.27)	22.4 ! (8.52)	39.2 (8.58)	38.4 (9.45)
Not in labor force .....	† (†)	† (†)	† (†)	3.5 ! (1.31)	53.3 (4.81)	43.2 (4.98)	† (†)	59.0 (5.59)	39.2 (5.61)	4.2 ! (1.73)	51.2 (6.71)	44.7 (7.02)
No mother in household .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Parents' highest level of education												
Less than high school .....	† (†)	† (†)	† (†)	12.6 ! (4.52)	59.6 (7.01)	27.8 (5.88)	† (†)	57.4 (7.36)	40.4 (7.28)	20.8 ! (7.99)	61.3 (10.74)	17.9 ! (7.65)
High school completion .....	62.0 (6.10)	32.8 (6.20)	† (†)	6.3 (1.81)	49.2 (3.34)	44.5 (4.07)	5.4 (1.47)	51.8 (6.12)	42.9 (6.28)	6.7 ! (2.48)	47.9 (4.55)	45.4 (5.62)
Some college/vocational .....	41.7 (6.68)	50.9 (6.75)	7.4 ! (3.39)	15.3 (2.78)	59.0 (2.92)	25.7 (2.68)	† (†)	62.0 (4.22)	35.3 (4.12)	21.5 (3.69)	57.5 (3.97)	21.0 (3.62)
Bachelor's degree .....	29.9 (8.51)	62.1 (8.63)	† (†)	6.7 ! (2.43)	59.8 (6.64)	33.4 (6.78)	† (†)	† (†)	† (†)	7.3 ! (2.64)	60.2 (7.18)	32.6 (7.32)
Any graduate education .....	† (†)	61.3 (8.63)	28.3 (7.99)	† (†)	53.6 (7.44)	41.4 (7.48)	† (†)	† (†)	† (†)	† (†)	54.5 (7.46)	40.2 (7.46)
Poverty status <sup>7</sup>												
Below poverty threshold .....	68.1 (6.76)	28.3 (6.86)	† (†)	9.0 (2.36)	59.2 (3.18)	31.8 (3.48)	2.6 ! (1.10)	57.8 (4.16)	39.7 (4.35)	15.0 (4.14)	60.6 (5.68)	24.4 (5.14)
At or above poverty threshold .....	35.8 (4.32)	53.2 (4.79)	11.1 (2.70)	9.7 (1.46)	54.8 (3.18)	35.6 (3.30)	3.8 ! (1.35)	55.6 (4.74)	40.5 (4.70)	10.8 (1.73)	54.6 (3.61)	34.6 (3.73)
Socioeconomic status <sup>8</sup>												
Lowest 20 percent .....	71.2 (7.12)	26.4 (7.02)	† (†)	6.7 ! (2.21)	58.6 (4.39)	34.7 (4.46)	3.5 ! (1.27)	53.0 (5.31)	43.6 (5.65)	9.8 ! (3.98)	63.9 (7.34)	26.4 (6.60)
Middle 60 percent .....	43.3 (5.26)	49.7 (5.50)	7.0 ! (2.57)	11.2 (1.83)	56.5 (2.69)	32.3 (2.68)	3.2 ! (1.22)	59.7 (4.07)	37.1 (4.05)	14.0 (2.28)	55.4 (3.37)	30.6 (3.37)
Highest 20 percent .....	† (†)	66.3 (7.41)	25.9 (6.85)	7.3 ! (2.54)	52.2 (6.27)	40.5 (6.19)	† (†)	† (†)	† (†)	7.5 ! (2.61)	52.7 (6.33)	39.8 (6.21)

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>3</sup>Primary type of care arrangement is the type of nonparental care in which the child spent the most hours.

<sup>4</sup>Care provided in the child's home or in another private home by a relative (excluding parents) or by a person unrelated to the child.

<sup>5</sup>Quality rating based on the Family Day Care Rating Scale (FDCRS). Low quality = score of 1 but less than 3. Medium quality = score of 3 but less than 5. High quality = score of 5 to 7.

<sup>6</sup>Quality rating based on the Early Childhood Environment Rating Scale (ECERS). Low quality = score of 1 but less than 3. Medium quality = score of 3 but less than 5. High quality = score of 5 to 7.

<sup>7</sup>Care provided in places such as early learning centers, nursery schools, and preschools, not classified as Head Start.

<sup>8</sup>Mothers who reported working at least 35 hours per week are defined as employed full time, while those who reported working less than 35 hours per week are defined as employed part time. Those neither employed nor looking for work are not in the labor force.

<sup>7</sup>Poverty status based on Census Bureau guidelines from 2002, which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2002, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$18,392 (in current dollars).

<sup>8</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations, and family income.

NOTE: Estimates weighted by W33P0. Estimates pertain to children assessed between 44 months and 65 months of age. Rating is for child's primary type of care arrangement, which was the type of nonparental care in which the child spent the most hours. Children who were primarily cared for by parents or in multiple arrangements are not included in this table. Ratings of care arrangement quality using both the FDCRS and ECERS scales were based on interviewer observations of children's interactions with adults and peers, children's exposure to materials and activities, the extent to which and the manner in which routine care needs were met, and the furnishings and displays in the classroom. The FDCRS and ECERS metrics are designed to be equivalent. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and suppression of cells that do not meet standards.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort, Longitudinal 9-month–Kindergarten Restricted-Use Data File. (This table was prepared January 2013.)

**Table 62. Children of prekindergarten through second-grade age, by enrollment status, selected maternal characteristics, and household income: 1995, 2001, and 2005**

[Standard errors appear in parentheses]

Maternal characteristic and household income	3- to 5-year-olds, not enrolled in school (includes homeschooled students)			Enrolled in nursery school or prekindergarten			Enrolled in kindergarten			Enrolled in first grade			Enrolled in second grade		
	1995	2001 <sup>1</sup>	2005 <sup>1</sup>	1995	2001 <sup>1</sup>	2005 <sup>1</sup>	1995	2001 <sup>1</sup>	2005 <sup>1</sup>	1995	2001 <sup>2</sup>	2005 <sup>1</sup>	1995	2001 <sup>2</sup>	2005 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total children (in thousands).....</b>	<b>4,586 (102.3)</b>	<b>3,990 (3.2)</b>	<b>4,156 (5.0)</b>	<b>4,642 (105.0)</b>	<b>4,586 (#)</b>	<b>4,926 (#)</b>	<b>4,149 (75.6)</b>	<b>3,831 (#)</b>	<b>3,717 (#)</b>	<b>4,025 (76.7)</b>	<b>4,333 (#)</b>	<b>4,118 (#)</b>	<b>3,777 (72.9)</b>	<b>3,934 (#)</b>	<b>3,900 (#)</b>
<b>Percentage distribution</b>															
Mother's highest level of education <sup>3</sup> .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than high school....	16.3 (1.27)	16.4 (1.26)	13.8 (1.24)	6.8 (0.78)	8.0 (1.26)	6.8 (0.76)	13.4 (0.93)	10.7 (1.31)	9.5 (1.16)	12.3 (0.99)	11.7 (1.28)	10.0 (1.20)	15.0 (0.81)	13.5 (1.26)	10.3 (1.21)
High school/GED.....	41.1 (1.51)	39.7 (1.59)	37.2 (2.18)	30.7 (1.27)	26.1 (1.59)	24.6 (1.34)	36.4 (1.19)	30.3 (1.86)	27.5 (1.92)	34.9 (1.53)	30.3 (2.17)	31.1 (2.13)	35.6 (1.44)	32.8 (2.11)	29.5 (1.77)
Vocational/technical or some college.....	21.3 (1.34)	19.1 (1.30)	21.2 (1.43)	22.7 (1.01)	24.6 (1.30)	19.2 (1.32)	21.7 (1.00)	23.5 (1.84)	20.7 (1.70)	23.6 (1.29)	24.3 (1.87)	19.9 (1.94)	20.6 (0.94)	22.5 (2.18)	19.8 (1.64)
Associate's degree.....	7.0 (0.79)	5.9 (0.67)	6.8 (0.82)	8.6 (0.72)	7.7 (0.67)	8.4 (0.71)	7.0 (0.68)	7.6 (1.18)	7.7 (0.96)	7.3 (0.81)	7.5 (1.01)	10.3 (1.22)	7.6 (0.60)	7.5 (0.92)	8.0 (0.99)
Bachelor's degree.....	11.3 (0.86)	14.0 (1.16)	14.9 (1.20)	22.0 (1.10)	22.5 (1.16)	25.5 (1.13)	15.1 (0.98)	20.8 (1.58)	21.3 (1.42)	15.7 (1.02)	19.5 (1.68)	18.0 (1.23)	15.0 (0.94)	15.8 (1.70)	18.7 (1.46)
Graduate/professional degree.....	3.0 (0.48)	5.0 (0.63)	6.1 (0.73)	9.1 (0.70)	11.1 (0.63)	15.6 (0.94)	6.3 (0.69)	7.1 (1.02)	13.4 (1.43)	6.3 (0.49)	6.7 (1.04)	10.6 (1.22)	6.2 (0.67)	7.9 (1.28)	13.6 (1.62)
Mother's employment status <sup>3</sup> .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Working 35 hours/week or more.....	33.4 (1.45)	36.7 (1.55)	33.5 (1.92)	38.5 (1.13)	43.7 (1.18)	39.4 (1.42)	35.9 (1.05)	38.9 (1.99)	36.9 (2.25)	38.5 (1.49)	46.1 (2.33)	40.7 (2.35)	40.5 (1.17)	42.3 (2.30)	41.2 (2.19)
Working less than 35 hours/week.....	17.8 (1.23)	19.2 (1.30)	21.1 (1.50)	23.7 (1.08)	22.8 (1.00)	24.4 (1.36)	20.8 (1.10)	22.6 (1.57)	21.5 (1.62)	20.8 (1.10)	19.7 (1.59)	20.7 (1.42)	21.4 (1.19)	20.1 (1.60)	22.7 (1.72)
Looking for work.....	6.8 (0.83)	5.7 (0.75)	8.7 (1.37)	5.8 (0.71)	3.9 (0.55)	4.0 (0.59)	5.6 (0.70)	3.9 (0.87)	7.3 (1.06)	5.0 (0.66)	4.1 (0.89)	5.7 (1.07)	5.4 (0.70)	5.1 (1.09)	4.9 (0.82)
Not in labor force.....	42.0 (1.68)	38.4 (1.48)	36.8 (1.79)	32.0 (1.28)	29.6 (1.27)	32.2 (1.35)	37.7 (1.18)	34.7 (2.16)	34.3 (1.99)	35.6 (1.57)	30.1 (2.05)	32.8 (1.97)	32.7 (1.30)	32.5 (2.22)	31.2 (1.99)
Household income.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
\$10,000 or less.....	22.7 (1.21)	14.1 (1.07)	10.2 (1.06)	16.1 (1.06)	8.5 (0.81)	7.5 (0.90)	19.4 (1.24)	8.5 (1.22)	8.2 (0.95)	17.4 (1.19)	9.1 (1.18)	7.8 (1.05)	19.5 (1.34)	9.4 (1.07)	7.6 (1.08)
\$10,001 to \$20,000.....	15.7 (1.08)	14.5 (1.19)	12.0 (1.14)	10.4 (0.78)	12.7 (0.87)	9.7 (0.75)	12.6 (0.87)	14.1 (1.51)	11.1 (1.05)	13.2 (0.90)	14.0 (1.45)	10.4 (1.15)	11.6 (0.84)	12.4 (1.33)	12.5 (1.39)
\$20,001 to \$30,000.....	19.1 (1.12)	15.0 (0.94)	16.9 (1.38)	13.1 (0.81)	11.7 (0.74)	9.9 (1.18)	15.8 (0.76)	16.6 (1.41)	13.0 (1.32)	16.6 (0.91)	16.5 (1.71)	12.3 (1.32)	16.5 (1.05)	14.7 (1.54)	15.4 (1.71)
\$30,001 to \$40,000.....	16.2 (1.00)	13.6 (1.07)	15.3 (1.27)	12.4 (0.91)	9.7 (0.79)	9.9 (0.91)	15.1 (1.12)	12.2 (1.29)	11.1 (1.14)	14.1 (0.85)	10.3 (1.16)	10.7 (1.42)	16.1 (0.94)	12.4 (1.33)	10.6 (1.07)
\$40,001 to \$50,000.....	11.0 (0.74)	12.0 (1.05)	10.3 (1.12)	11.5 (0.96)	7.5 (0.68)	7.7 (0.64)	11.7 (0.88)	9.1 (1.16)	7.8 (1.07)	11.1 (0.77)	9.7 (1.34)	9.9 (1.14)	11.3 (0.92)	9.2 (1.08)	7.0 (0.87)
\$50,001 to \$75,000.....	10.5 (0.69)	18.8 (1.31)	20.0 (1.24)	19.3 (0.93)	21.2 (1.09)	20.8 (0.97)	14.4 (0.82)	20.9 (1.68)	18.4 (1.46)	15.6 (0.84)	18.3 (1.41)	20.4 (1.84)	15.0 (1.00)	19.6 (1.80)	20.3 (1.56)
More than \$75,000.....	4.7 (0.70)	12.1 (0.99)	15.4 (1.30)	17.2 (1.06)	28.7 (1.09)	34.4 (1.13)	11.1 (0.62)	18.6 (1.30)	30.4 (1.54)	12.1 (0.73)	22.1 (1.86)	28.4 (1.56)	10.1 (0.79)	22.3 (1.78)	26.7 (1.83)

†Not applicable.

#Rounds to zero.

<sup>1</sup>Figures exclude children for whom no grade equivalent was available.<sup>2</sup>Table includes a very small number of older children enrolled in first and second grade and excludes children for whom no grade equivalent was available.<sup>3</sup>Excludes children living in households with no mother or female guardian present.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Program Participation Survey and Before- and After-School Programs and Activities Survey of the National Household Education Surveys Program (ECP-P-NHES:1995, 2001, and 2005; and ASPA-NHES:2001 and 2005). (This table was prepared October 2006.)

**Table 63. Number of 3- to 5-year-olds not yet enrolled in kindergarten and percentage participating in home literacy activities with a family member, by type and frequency of activity and selected child and family characteristics: 1993, 2001, and 2007**

[Standard errors appear in parentheses]

Selected child and family characteristics	Number of children (in thousands)			Percent of children participating in activity with family member <sup>1</sup>														
	1993	2001	2007	Read to by family member three or more times in past week			At least once in past week									Visited a library at least once in past month		
				1993 <sup>2</sup>	2001	2007	Told a story by family member			Taught letters, words, or numbers			Did arts and crafts			1993	2001	2007
							1993	2001	2007	1993	2001	2007	1993	2001	2007			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total .....</b>	<b>8,579 (42.0)</b>	<b>8,551 (11.0)</b>	<b>8,686 (18.1)</b>	<b>78 (0.7)</b>	<b>84 (0.8)</b>	<b>83 (1.1)</b>	<b>76 (0.9)</b>	<b>84 (0.8)</b>	<b>79 (1.1)</b>	<b>86 (0.5)</b>	<b>94 (0.6)</b>	<b>87 (1.1)</b>	<b>68 (0.9)</b>	<b>79 (0.9)</b>	<b>90 (1.1)</b>	<b>38 (1.0)</b>	<b>36 (1.1)</b>	<b>36 (1.2)</b>
<b>Age</b>																		
3 years old .....	3,889 (8.2)	3,795 (91.4)	3,755 (108.1)	79 (1.0)	84 (1.1)	84 (1.5)	77 (1.1)	83 (1.2)	80 (2.0)	85 (0.9)	93 (1.0)	87 (1.4)	67 (1.2)	77 (1.3)	91 (1.3)	34 (1.3)	35 (1.9)	36 (2.0)
4 years old .....	3,713 (15.7)	3,861 (89.0)	3,738 (123.5)	78 (1.0)	85 (1.2)	83 (1.6)	75 (1.3)	84 (1.1)	76 (2.0)	88 (0.7)	95 (0.7)	86 (1.9)	69 (1.3)	82 (1.2)	89 (2.0)	41 (1.5)	37 (1.4)	35 (1.6)
5 years old .....	976 (39.4)	896 (47.0)	1,193 (78.0)	76 (2.1)	81 (2.7)	83 (3.0)	68 (2.3)	82 (2.4)	86 (2.6)	88 (1.7)	93 (1.8)	89 (2.2)	69 (2.4)	80 (2.4)	89 (2.7)	38 (2.7)	37 (3.4)	39 (3.4)
<b>Sex</b>																		
Male .....	4,453 (60.2)	4,292 (79.9)	4,364 (101.1)	77 (1.0)	82 (1.2)	81 (1.7)	75 (1.0)	82 (1.1)	77 (1.9)	86 (0.7)	94 (0.7)	86 (1.6)	66 (1.1)	76 (1.3)	87 (1.8)	38 (1.5)	35 (1.4)	34 (1.8)
Female .....	4,126 (65.0)	4,260 (79.6)	4,322 (100.8)	79 (1.0)	86 (1.0)	86 (1.2)	76 (1.4)	85 (1.0)	81 (1.6)	87 (0.9)	94 (0.8)	88 (1.5)	71 (1.2)	83 (1.3)	93 (1.1)	38 (1.1)	37 (1.6)	38 (1.8)
<b>Race/ethnicity</b>																		
White .....	5,902 (63.6)	5,313 (68.0)	4,664 (66.3)	85 (0.7)	89 (0.8)	91 (1.3)	77 (1.1)	86 (1.0)	85 (1.4)	86 (0.7)	95 (0.7)	88 (1.3)	74 (1.0)	85 (1.0)	92 (1.3)	42 (1.3)	39 (1.3)	41 (1.6)
Black .....	1,271 (44.9)	1,251 (55.1)	1,311 (6.0)	66 (2.4)	77 (2.6)	78 (4.0)	72 (2.5)	81 (2.1)	61 (5.0)	89 (1.8)	94 (1.8)	81 (5.2)	56 (2.6)	70 (3.1)	82 (5.1)	29 (2.6)	31 (2.6)	25 (3.6)
Hispanic .....	1,026 (34.1)	1,506 (43.5)	1,899 (13.6)	58 (2.4)	71 (1.9)	68 (2.4)	73 (1.9)	75 (2.0)	75 (2.2)	84 (1.6)	92 (1.1)	86 (1.6)	53 (2.4)	67 (2.2)	91 (1.4)	26 (1.6)	30 (2.0)	27 (2.2)
Asian .....	— (†)	— (†)	349 (43.3)	— (†)	— (†)	87 (3.9)	— (†)	— (†)	75 (7.0)	— (†)	— (†)	92 (2.8)	— (†)	— (†)	84 (6.1)	— (†)	— (†)	49 (7.3)
<b>Mother's highest level of education<sup>3</sup></b>																		
Less than high school .....	1,036 (50.1)	996 (54.5)	808 (71.6)	60 (2.7)	69 (2.8)	56 (5.1)	67 (3.2)	72 (2.7)	66 (4.5)	82 (2.4)	91 (2.0)	84 (3.3)	49 (2.6)	62 (3.0)	86 (4.4)	22 (2.7)	21 (2.4)	20 (3.7)
High school/GED .....	3,268 (79.6)	2,712 (89.0)	2,048 (108.7)	75 (1.3)	81 (1.6)	74 (2.8)	75 (1.3)	83 (1.3)	74 (3.2)	87 (0.9)	95 (0.9)	82 (3.3)	65 (1.6)	77 (1.8)	89 (2.3)	30 (1.8)	30 (1.9)	29 (2.9)
Vocational/technical or some college .....	2,291 (69.1)	1,833 (73.9)	1,838 (107.2)	83 (1.4)	85 (1.8)	84 (2.3)	77 (1.5)	85 (1.7)	75 (3.5)	88 (1.0)	94 (1.2)	85 (3.2)	73 (1.5)	81 (1.9)	87 (3.4)	44 (2.2)	38 (2.2)	28 (2.5)
Associate's degree .....	332 (25.7)	573 (40.9)	821 (59.4)	84 (3.1)	89 (2.5)	90 (2.1)	78 (3.5)	84 (2.7)	84 (2.8)	93 (2.1)	92 (2.3)	91 (2.1)	77 (3.9)	82 (3.2)	92 (2.2)	38 (4.1)	42 (4.3)	45 (4.5)
Bachelor's degree .....	912 (42.3)	1,553 (68.4)	1,990 (92.4)	90 (1.6)	93 (1.2)	95 (0.9)	80 (2.0)	88 (1.5)	86 (1.7)	84 (1.7)	95 (1.1)	90 (1.3)	77 (2.0)	89 (1.4)	92 (1.7)	55 (2.2)	46 (2.4)	43 (2.5)
Graduate/professional degree .....	569 (37.7)	685 (45.7)	1,053 (63.7)	90 (2.1)	96 (1.1)	95 (1.6)	81 (2.5)	89 (2.3)	90 (1.7)	86 (2.3)	95 (1.3)	93 (1.4)	83 (2.2)	86 (2.2)	92 (1.8)	59 (3.5)	55 (3.8)	54 (3.5)
<b>Mother's employment status<sup>3</sup></b>																		
Employed .....	4,486 (77.3)	5,148 (84.2)	4,985 (130.1)	79 (1.0)	86 (1.0)	85 (1.2)	76 (1.0)	84 (1.0)	80 (1.4)	86 (0.8)	94 (0.7)	86 (1.5)	70 (1.1)	80 (1.2)	90 (1.3)	39 (1.2)	36 (1.2)	35 (1.7)
Unemployed .....	594 (45.0)	396 (36.9)	467 (61.5)	71 (3.4)	77 (5.0)	69 (7.5)	73 (3.0)	80 (4.7)	69 (7.9)	89 (2.6)	94 (3.3)	94 (2.0)	63 (3.6)	69 (5.5)	88 (7.1)	37 (3.7)	37 (4.8)	26 (5.8)
Not in labor force .....	3,328 (72.9)	2,809 (73.3)	3,105 (128.9)	79 (1.3)	83 (1.4)	83 (1.7)	76 (1.2)	82 (1.5)	79 (2.2)	86 (1.0)	94 (0.9)	87 (2.1)	67 (1.4)	80 (1.3)	89 (2.1)	37 (1.4)	38 (1.9)	38 (2.0)
<b>Number of parents in the household</b>																		
Two parents .....	6,226 (78.1)	6,416 (75.1)	6,852 (81.1)	81 (0.7)	87 (0.8)	85 (1.1)	77 (1.0)	84 (0.9)	81 (1.2)	86 (0.6)	94 (0.6)	88 (1.0)	71 (0.9)	81 (0.9)	91 (1.0)	41 (1.2)	38 (1.2)	37 (1.4)
None or one parent .....	2,353 (66.5)	2,135 (75.1)	1,834 (85.1)	71 (1.7)	76 (2.0)	78 (3.2)	71 (1.7)	82 (1.6)	70 (3.6)	86 (1.2)	93 (1.2)	83 (3.7)	61 (1.8)	74 (2.3)	84 (3.6)	30 (1.7)	30 (2.1)	29 (3.1)
<b>Poverty status<sup>4</sup></b>																		
Above poverty threshold .....	6,184 (60.9)	6,575 (60.3)	6,751 (71.6)	82 (0.7)	87 (0.8)	87 (1.1)	77 (0.9)	84 (0.9)	82 (1.2)	87 (0.5)	95 (0.5)	87 (1.2)	73 (0.9)	81 (0.9)	91 (1.1)	42 (1.2)	39 (1.3)	38 (1.5)
At or below poverty threshold .....	2,395 (54.5)	1,976 (59.6)	1,934 (72.9)	69 (1.6)	74 (2.1)	71 (3.4)	72 (1.8)	80 (1.7)	69 (3.4)	86 (1.4)	92 (1.6)	86 (3.1)	57 (2.1)	73 (2.3)	85 (3.2)	28 (1.8)	28 (2.1)	28 (2.8)

—Not available.

†Not applicable.

<sup>1</sup>The respondent was the parent most knowledgeable about the child's care and education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household.

<sup>2</sup>In 1993, there were two versions of the survey question that asked how often the child was read to. Each respondent was asked one version of the question. Percentages represent all respondents who indicated a frequency of three or more times in the past week in response to either version of the question.

<sup>3</sup>Excludes children living in households with no mother or female guardian present.

<sup>4</sup>Poverty status was determined by household income and number of persons in household.

NOTE: Totals include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, School Readiness Survey, Early Childhood Program Participation Survey, and Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (SR-NHES:1993, ECPP-NHES:2001, and PFI-NHES:2007). (This table was prepared September 2009.)

**Table 64. Percentage of kindergartners through fifth-graders whose parents reported doing education-related activities with their children in the past month, by selected child, parent, and school characteristics: 1999, 2003, and 2007**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Visited a library			Went to a play, concert, or other live show			Visited an art gallery, museum, or historical site			Visited a zoo or aquarium			Attended an event sponsored by a community, religious, or ethnic group <sup>1</sup>		
	1999	2003	2007	1999	2003	2007	1999	2003	2007	1999	2003	2007	1999	2003	2007
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total.....</b>	<b>48.6 (0.64)</b>	<b>50.2 (0.80)</b>	<b>48.8 (1.12)</b>	<b>32.1 (0.55)</b>	<b>35.5 (0.87)</b>	<b>31.4 (0.87)</b>	<b>22.2 (0.67)</b>	<b>22.2 (0.83)</b>	<b>26.3 (1.09)</b>	<b>14.1 (0.47)</b>	<b>16.5 (0.69)</b>	<b>19.0 (0.80)</b>	<b>52.8 (0.63)</b>	<b>62.0 (0.80)</b>	<b>58.9 (1.14)</b>
Sex of child															
Male.....	47.2 (0.91)	47.3 (1.08)	46.8 (1.66)	30.5 (0.84)	33.6 (1.09)	28.7 (1.06)	22.3 (0.93)	23.1 (1.12)	27.1 (1.80)	13.9 (0.70)	16.3 (0.88)	18.5 (0.95)	50.9 (0.89)	61.0 (1.08)	57.3 (1.48)
Female.....	50.1 (1.02)	53.1 (1.11)	50.9 (1.52)	33.7 (0.81)	37.5 (1.09)	34.5 (1.57)	22.1 (0.89)	21.2 (1.07)	25.4 (1.30)	14.3 (0.70)	16.7 (0.87)	19.6 (1.41)	54.8 (0.95)	63.0 (1.09)	60.6 (1.49)
Race/ethnicity of child															
White.....	48.9 (0.85)	49.1 (1.03)	48.5 (1.22)	33.9 (0.72)	37.2 (1.26)	32.8 (1.13)	22.3 (0.76)	21.2 (1.09)	25.4 (1.18)	12.0 (0.54)	13.6 (0.85)	15.3 (0.85)	54.6 (0.81)	64.6 (1.12)	63.1 (1.19)
Black.....	47.8 (1.76)	52.3 (2.50)	56.1 (3.95)	31.3 (1.60)	36.7 (2.23)	34.5 (3.02)	21.0 (1.52)	24.4 (1.97)	32.7 (5.13)	15.7 (1.24)	18.9 (1.55)	24.2 (2.72)	53.0 (1.40)	66.3 (2.35)	61.7 (4.59)
Hispanic.....	43.9 (1.65)	48.2 (1.77)	44.6 (2.14)	24.4 (1.10)	28.0 (1.53)	25.1 (1.67)	20.6 (1.26)	20.8 (1.38)	23.5 (2.13)	19.7 (1.02)	23.7 (1.32)	25.4 (1.97)	45.8 (1.32)	49.3 (1.75)	44.9 (2.17)
Asian.....	— (†)	— (†)	60.3 (5.29)	— (†)	— (†)	29.2 (4.76)	— (†)	— (†)	27.9 (4.22)	— (†)	— (†)	23.7 (3.61)	— (†)	— (†)	58.6 (5.15)
Highest education level of parents/guardians in the household															
Less than high school ...	34.5 (2.33)	36.1 (3.39)	37.3 (3.49)	17.5 (1.63)	20.0 (3.10)	20.2 (2.66)	12.1 (1.64)	9.3 (1.75)	17.8 (2.25)	15.2 (1.65)	15.3 (2.05)	17.3 (2.22)	36.7 (2.32)	34.3 (3.06)	35.5 (3.86)
High school/GED <sup>2</sup> .....	40.3 (1.42)	44.5 (1.64)	41.5 (3.52)	25.9 (1.13)	28.6 (1.83)	22.0 (2.31)	16.0 (1.04)	17.8 (1.73)	22.2 (3.58)	12.8 (0.98)	16.5 (1.18)	17.6 (2.21)	42.6 (1.23)	50.5 (1.81)	46.0 (3.23)
Vocational/technical or some college.....	47.2 (1.41)	44.3 (2.04)	43.5 (2.46)	30.2 (1.30)	32.8 (1.89)	29.6 (2.15)	20.4 (1.21)	19.1 (1.32)	18.6 (2.00)	11.9 (0.90)	15.2 (1.29)	16.4 (1.95)	53.7 (1.43)	62.1 (1.64)	58.2 (2.61)
Associate's degree.....	50.4 (2.12)	47.4 (3.04)	46.6 (2.74)	35.5 (2.10)	41.1 (3.24)	31.0 (2.46)	22.0 (1.77)	22.0 (2.40)	22.3 (2.72)	14.3 (1.42)	15.4 (2.09)	19.3 (2.56)	53.6 (2.26)	67.0 (2.85)	58.7 (2.84)
Bachelor's degree/some graduate school.....	57.6 (1.52)	57.7 (1.74)	51.9 (1.89)	40.0 (1.24)	40.1 (1.61)	37.1 (1.85)	29.1 (1.37)	27.6 (1.70)	32.1 (2.07)	15.2 (1.03)	16.0 (1.32)	21.1 (1.79)	64.6 (1.22)	71.3 (1.63)	66.7 (2.07)
Graduate/professional degree.....	62.9 (1.53)	65.2 (2.04)	62.2 (1.86)	43.3 (1.77)	47.2 (2.53)	40.0 (2.20)	34.7 (1.73)	31.7 (2.02)	34.7 (1.96)	17.9 (1.33)	20.7 (1.82)	20.3 (1.61)	65.3 (1.68)	75.6 (1.55)	72.3 (1.63)
Family income (in current dollars)															
\$5,000 or less.....	42.7 (4.27)	38.2 (5.63)	46.5 (8.03)	24.9 (2.73)	25.7 (4.94)	18.6 ! (6.08)	16.5 (2.76)	13.2 (3.10)	21.4 ! (7.05)	16.6 (2.77)	18.7 (3.99)	12.3 ! (4.18)	37.3 (3.55)	52.9 (4.65)	43.5 (8.42)
\$5,001 to 10,000.....	43.8 (2.86)	42.2 (4.99)	34.9 (5.37)	21.1 (2.34)	28.5 (4.74)	23.5 (5.99)	17.7 (2.07)	22.8 (4.79)	23.6 (5.63)	14.5 (1.65)	23.8 (4.05)	22.7 (5.16)	38.9 (2.62)	51.6 (4.74)	44.5 (6.75)
\$10,001 to 15,000.....	44.8 (2.51)	49.1 (4.27)	35.6 (4.75)	24.5 (2.32)	27.3 (3.26)	21.0 (4.00)	18.2 (1.99)	20.7 (4.22)	10.6 (2.93)	15.3 (2.06)	20.9 (3.46)	17.6 (4.18)	45.5 (2.83)	49.1 (4.19)	51.0 (6.68)
\$15,001 to 20,000.....	43.0 (3.07)	44.4 (3.95)	52.1 (9.98)	25.9 (2.37)	32.9 (3.75)	18.6 (3.76)	13.3 (1.74)	18.9 (2.83)	26.2 ! (11.91)	13.7 (1.61)	17.1 (2.61)	14.6 (3.78)	47.2 (2.78)	52.1 (4.19)	39.0 (7.73)
\$20,001 to 25,000.....	38.9 (2.10)	48.4 (3.57)	45.3 (5.05)	26.3 (2.05)	26.0 (3.39)	30.1 (4.13)	18.7 (1.85)	16.3 (2.22)	21.2 (3.97)	14.7 (1.50)	16.4 (2.35)	20.4 (3.84)	47.7 (2.53)	57.8 (3.76)	52.6 (5.02)
\$25,001 to 30,000.....	45.3 (2.27)	51.0 (3.71)	45.4 (5.59)	30.4 (2.35)	27.1 (3.35)	23.0 (3.90)	20.7 (1.97)	20.8 (3.12)	20.5 (5.61)	14.4 (1.70)	15.9 (2.50)	24.0 (6.29)	50.0 (2.30)	56.7 (3.96)	50.2 (5.60)
\$30,001 to 35,000.....	49.2 (2.55)	44.9 (3.17)	45.9 (5.09)	31.3 (2.66)	33.2 (3.22)	30.4 (4.59)	21.4 (1.97)	18.3 (2.72)	23.7 (4.51)	11.9 (1.42)	17.1 (2.32)	20.4 (4.15)	53.7 (2.48)	59.7 (3.10)	65.5 (3.80)
\$35,001 to 40,000.....	51.9 (2.30)	45.6 (4.30)	49.0 (3.80)	34.4 (2.60)	31.4 (3.79)	31.9 (3.85)	23.5 (2.18)	16.8 (2.99)	19.9 (4.22)	13.2 (1.48)	11.6 (2.92)	19.2 (3.80)	59.1 (2.45)	70.7 (3.70)	54.6 (4.46)
\$40,001 to 50,000.....	52.1 (2.03)	52.2 (3.00)	47.0 (3.92)	32.5 (1.71)	35.8 (2.99)	31.8 (3.28)	22.5 (1.51)	20.9 (2.41)	26.9 (3.75)	13.1 (1.24)	14.8 (2.05)	20.9 (4.10)	58.5 (2.01)	63.1 (2.54)	56.4 (3.28)
\$50,001 to 75,000.....	51.5 (1.67)	50.0 (1.65)	49.2 (2.28)	34.5 (1.47)	39.0 (1.59)	31.9 (1.80)	23.1 (1.37)	23.1 (1.42)	23.9 (1.64)	12.2 (0.86)	14.9 (1.27)	15.8 (1.50)	57.6 (1.72)	64.5 (1.42)	61.2 (2.02)
Over \$75,000.....	55.5 (1.61)	55.8 (1.69)	53.5 (1.66)	44.5 (1.45)	42.6 (1.66)	38.1 (1.42)	31.6 (1.75)	27.3 (1.43)	33.1 (1.48)	15.8 (0.86)	16.9 (1.31)	20.3 (1.17)	61.9 (1.33)	67.9 (1.42)	67.6 (1.51)
Child attending public school.....	47.5 (0.68)	49.2 (0.87)	47.6 (1.22)	30.4 (0.58)	34.9 (0.88)	31.0 (0.93)	21.0 (0.70)	21.2 (0.92)	24.9 (1.12)	13.7 (0.49)	16.3 (0.71)	19.1 (0.88)	51.2 (0.68)	60.6 (0.85)	56.9 (1.25)
Child attending private school.....	56.4 (1.78)	57.0 (2.31)	57.0 (2.86)	44.3 (1.80)	40.0 (2.55)	34.3 (2.65)	31.0 (1.55)	29.0 (2.04)	35.6 (2.82)	17.1 (1.28)	17.9 (1.85)	18.5 (2.05)	64.8 (1.92)	72.2 (2.15)	71.8 (2.77)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>In 1999 and 2007, a single item asked parents if they had attended an event sponsored by a community, ethnic, or religious group. In 2003, attendance at an event sponsored by a religious group was asked about separately from attendance at an event sponsored by a community or ethnic group.<sup>2</sup>GED = General Educational Development.

NOTE: The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household. Excludes homeschooled children. Totals include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent Survey (Parent:1999) and Parent and Family Involvement in Education Survey (PFI:2003 and 2007) of the National Household Education Surveys Program. (This table was prepared July 2009.)

**Table 65. Percentage of kindergartners through fifth-graders whose parents reported doing education-related activities with their children in the past week, by selected child, parent, and school characteristics: 1999, 2003, and 2007**

[Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Told child a story			Did arts and crafts			Discussed family history/ethnic heritage			Played board games or did puzzles		
	1999	2003	2007	1999	2003	2007	1999	2003	2007	1999	2003	2007
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>69.4 (0.60)</b>	<b>74.9 (0.66)</b>	<b>70.3 (1.11)</b>	<b>68.0 (0.60)</b>	<b>74.9 (0.70)</b>	<b>75.7 (1.00)</b>	<b>54.9 (0.67)</b>	<b>53.1 (0.89)</b>	<b>53.5 (1.10)</b>	— (†)	<b>72.9 (0.68)</b>	<b>69.0 (0.99)</b>
Sex of child												
Male.....	69.1 (0.76)	73.3 (0.86)	68.7 (1.51)	64.2 (0.81)	69.7 (0.98)	70.3 (1.32)	53.4 (0.91)	51.1 (1.16)	52.9 (1.48)	— (†)	71.8 (0.92)	69.0 (1.49)
Female.....	69.7 (0.89)	76.6 (0.96)	72.0 (1.47)	71.9 (0.90)	80.2 (1.01)	81.7 (1.33)	56.5 (0.97)	55.1 (1.28)	54.3 (1.45)	— (†)	74.1 (1.05)	69.0 (1.43)
Race/ethnicity of child												
White.....	70.9 (0.80)	76.0 (0.96)	73.2 (1.20)	72.4 (0.73)	75.4 (0.89)	74.9 (1.23)	52.6 (0.89)	44.7 (1.13)	45.6 (1.28)	— (†)	73.8 (0.87)	69.0 (1.19)
Black.....	64.8 (1.73)	69.6 (2.00)	61.6 (3.81)	58.6 (1.82)	68.1 (2.14)	73.0 (3.53)	60.2 (2.05)	66.6 (2.45)	66.9 (3.59)	— (†)	72.9 (1.92)	72.8 (3.14)
Hispanic.....	66.6 (1.49)	74.2 (1.55)	67.6 (2.46)	59.4 (1.33)	79.6 (1.45)	81.2 (1.66)	53.6 (1.44)	64.5 (1.71)	61.1 (2.22)	— (†)	68.5 (1.82)	67.5 (2.33)
Asian.....	— (†)	— (†)	68.9 (5.08)	— (†)	— (†)	66.5 (4.74)	— (†)	— (†)	73.6 (4.14)	— (†)	— (†)	61.7 (4.88)
Grade of child												
Kindergarten through grade 1.....	77.6 (1.11)	84.5 (0.93)	74.1 (1.81)	75.9 (0.95)	89.3 (0.84)	89.1 (1.08)	49.6 (1.30)	47.7 (1.38)	45.7 (2.03)	— (†)	77.5 (1.17)	73.5 (1.71)
Grades 2 through 3.....	67.7 (1.05)	74.5 (1.21)	70.7 (1.94)	66.4 (1.20)	74.0 (1.12)	75.4 (1.84)	56.4 (1.26)	54.7 (1.34)	55.7 (1.93)	— (†)	72.7 (1.09)	68.9 (1.70)
Grades 4 through 5.....	62.3 (1.09)	66.4 (1.20)	66.1 (1.60)	61.1 (1.19)	62.2 (1.36)	62.6 (1.80)	59.1 (1.12)	56.5 (1.42)	59.3 (1.78)	— (†)	68.9 (1.18)	64.6 (1.83)
Language spoken most at home by child												
English.....	70.0 (0.64)	75.4 (0.73)	71.0 (1.22)	69.3 (0.64)	74.4 (0.72)	74.6 (1.04)	55.2 (0.71)	51.5 (0.93)	52.0 (1.10)	— (†)	73.7 (0.73)	68.8 (1.06)
Spanish.....	57.7 (2.73)	65.6 (2.85)	60.7 (3.74)	52.1 (2.73)	81.7 (2.16)	84.5 (2.84)	47.3 (2.94)	60.2 (3.11)	62.2 (3.48)	— (†)	58.1 (3.10)	69.2 (3.62)
English and Spanish equally.....	62.8 (3.49)	76.6 (3.83)	67.5 (4.69)	53.7 (4.27)	78.7 (3.88)	85.7 (3.23)	52.6 (3.40)	77.3 (4.18)	63.2 (3.98)	— (†)	75.2 (3.73)	76.9 (4.06)
English and other language equally.....	83.9 (6.72)	† (†)	† (†)	61.9 (9.53)	† (†)	† (†)	74.0 (7.71)	† (†)	† (†)	— (†)	† (†)	† (†)
Other language.....	73.1 (5.33)	81.7 (6.95)	80.3 (8.34)	61.1 (6.67)	76.7 (4.81)	84.4 (5.61)	61.5 (7.29)	75.1 (6.13)	74.8 (8.83)	— (†)	74.8 (7.43)	66.3 (10.40)
Highest education level of parents/guardians in the household												
Less than high school.....	61.9 (2.30)	67.2 (3.16)	59.3 (4.90)	54.4 (2.13)	74.8 (3.20)	80.1 (4.60)	45.1 (2.43)	60.4 (2.98)	52.1 (4.16)	— (†)	66.8 (3.16)	67.6 (3.97)
High school/GED <sup>1</sup> .....	66.5 (1.28)	71.3 (1.59)	66.9 (2.62)	64.3 (1.27)	75.5 (1.32)	78.6 (2.44)	47.6 (1.46)	54.9 (1.91)	56.3 (3.10)	— (†)	73.2 (1.39)	72.8 (2.47)
Vocational/technical or some college.....	70.2 (1.23)	75.9 (1.54)	70.0 (2.56)	68.3 (1.18)	76.2 (1.51)	76.4 (2.15)	57.7 (1.41)	50.8 (1.75)	53.1 (2.69)	— (†)	71.6 (1.58)	69.0 (2.44)
Associate's degree.....	70.0 (2.04)	76.0 (2.00)	68.9 (2.58)	71.9 (1.88)	73.6 (2.47)	72.3 (3.13)	56.7 (2.31)	50.9 (3.16)	48.7 (3.17)	— (†)	70.1 (2.50)	64.9 (2.77)
Bachelor's degree/some graduate school.....	74.2 (1.39)	77.3 (1.60)	70.6 (2.11)	73.3 (1.10)	74.0 (1.48)	74.2 (1.31)	61.5 (1.57)	47.3 (1.74)	51.8 (2.06)	— (†)	75.8 (1.27)	69.4 (1.65)
Graduate/professional degree.....	71.4 (1.73)	78.6 (1.64)	77.9 (1.91)	73.3 (1.53)	73.9 (1.72)	74.1 (1.99)	61.4 (1.56)	60.1 (2.16)	55.9 (1.87)	— (†)	74.9 (1.82)	66.8 (1.88)
Family income (in current dollars)												
\$5,000 or less.....	67.5 (4.39)	79.5 (4.52)	63.9 (7.52)	55.9 (4.38)	78.9 (4.61)	76.7 (7.70)	54.5 (4.27)	71.0 (4.75)	50.3 (7.92)	— (†)	74.1 (3.94)	77.8 (5.04)
\$5,001 to 10,000.....	69.6 (2.30)	70.9 (3.88)	58.6 (7.15)	58.4 (2.93)	75.3 (3.30)	78.9 (5.56)	49.8 (3.46)	63.7 (4.64)	62.5 (6.49)	— (†)	76.8 (3.82)	74.3 (5.79)
\$10,001 to 15,000.....	66.7 (2.62)	70.0 (3.62)	72.4 (4.17)	61.2 (2.99)	74.6 (4.03)	83.8 (3.94)	54.7 (2.48)	58.8 (4.30)	58.9 (5.61)	— (†)	70.0 (4.15)	71.8 (4.83)
\$15,001 to 20,000.....	62.3 (2.29)	76.9 (3.45)	64.6 (7.55)	64.1 (2.70)	76.1 (3.74)	79.6 (4.10)	49.2 (2.78)	57.3 (3.48)	58.7 (6.60)	— (†)	73.1 (3.34)	72.2 (5.36)
\$20,001 to 25,000.....	68.1 (2.34)	71.6 (2.86)	67.0 (5.11)	63.9 (2.42)	80.6 (2.33)	73.0 (5.58)	53.4 (2.82)	60.4 (3.71)	61.0 (5.19)	— (†)	70.0 (2.95)	72.4 (4.21)
\$25,001 to 30,000.....	70.6 (2.32)	74.2 (2.86)	67.6 (5.92)	68.7 (2.42)	71.9 (3.47)	84.3 (3.45)	53.3 (2.34)	52.3 (4.08)	58.4 (5.16)	— (†)	73.0 (3.42)	63.5 (5.93)
\$30,001 to 35,000.....	69.3 (1.85)	73.3 (2.88)	69.5 (4.44)	66.1 (2.51)	78.1 (2.72)	73.8 (4.98)	54.6 (2.68)	52.9 (3.86)	65.2 (4.25)	— (†)	72.5 (3.24)	67.7 (4.55)
\$35,001 to 40,000.....	72.5 (1.94)	74.5 (3.68)	69.3 (4.21)	71.6 (1.96)	75.5 (2.97)	80.5 (2.81)	56.9 (2.33)	44.6 (3.73)	52.9 (3.81)	— (†)	71.7 (4.03)	62.5 (4.25)
\$40,001 to 50,000.....	69.0 (1.82)	75.7 (2.20)	73.0 (2.88)	72.2 (1.87)	71.9 (2.48)	75.8 (2.89)	55.8 (1.83)	55.0 (2.94)	54.9 (3.17)	— (†)	73.8 (2.62)	65.8 (3.55)
\$50,001 to 75,000.....	70.9 (1.43)	74.9 (1.53)	69.1 (2.00)	72.5 (1.41)	75.3 (1.55)	75.5 (1.94)	53.8 (1.37)	49.6 (1.99)	44.4 (2.27)	— (†)	72.1 (1.51)	66.6 (2.26)
\$75,001 to 100,000.....	— (†)	74.7 (2.02)	72.4 (2.29)	— (†)	71.2 (1.98)	73.0 (2.03)	— (†)	48.8 (2.28)	49.4 (2.77)	— (†)	73.3 (2.30)	70.5 (2.41)
Over \$100,000.....	— (†)	78.6 (1.52)	75.3 (1.86)	— (†)	75.1 (1.87)	72.5 (1.89)	— (†)	50.1 (1.93)	55.4 (2.09)	— (†)	74.7 (1.81)	69.1 (1.69)
Child attending public school.....	68.8 (0.65)	75.0 (0.68)	69.6 (1.19)	67.5 (0.66)	75.2 (0.72)	75.9 (0.99)	54.5 (0.73)	52.4 (0.98)	54.0 (1.16)	— (†)	73.4 (0.74)	68.9 (1.06)
Child attending private school.....	73.7 (1.58)	74.2 (2.09)	75.2 (2.51)	71.6 (1.64)	72.1 (1.94)	74.8 (2.76)	58.2 (1.68)	58.1 (2.17)	50.6 (2.72)	— (†)	69.1 (1.99)	69.6 (2.40)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>GED = General Educational Development.

NOTE: The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own activities and the activities of their spouse/other adults in the household. Excludes homeschooled children. Totals

include other racial/ethnic groups not separately shown. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent Survey (Parent:1999) and Parent and Family Involvement in Education Survey (PFI:2003 and 2007) of the National Household Education Surveys Program. (This table was prepared August 2010.)

**Table 66. Percentage of elementary and secondary school children whose parents were involved in school activities, by selected child, parent, and school characteristics: 1999, 2003, and 2007**  
 [Standard errors appear in parentheses]

Selected child, parent, or school characteristic	Percent of children whose parents report the following types of involvement in school activities											
	1999				2003				2007			
	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school	Attended a general school meeting	Attended parent-teacher conference	Attended a class event	Volunteered at school
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>78.3 (0.49)</b>	<b>72.8 (0.45)</b>	<b>65.4 (0.44)</b>	<b>36.8 (0.40)</b>	<b>87.7 (0.37)</b>	<b>77.1 (0.42)</b>	<b>69.9 (0.42)</b>	<b>41.8 (0.60)</b>	<b>89.4 (0.48)</b>	<b>78.1 (0.52)</b>	<b>74.5 (0.57)</b>	<b>46.4 (0.63)</b>
Sex of child												
Male.....	78.0 (0.62)	74.0 (0.60)	63.4 (0.62)	36.7 (0.65)	87.4 (0.49)	77.7 (0.63)	67.4 (0.75)	41.2 (0.87)	89.3 (0.70)	79.2 (0.65)	71.5 (0.90)	44.8 (0.95)
Female.....	78.6 (0.69)	71.5 (0.56)	67.4 (0.59)	37.0 (0.61)	87.9 (0.55)	76.5 (0.63)	72.6 (0.63)	42.4 (0.83)	89.6 (0.59)	76.8 (0.94)	77.7 (0.82)	48.1 (1.01)
Race/ethnicity of child												
White.....	80.5 (0.54)	73.6 (0.48)	71.6 (0.53)	42.7 (0.51)	88.7 (0.51)	76.4 (0.62)	74.1 (0.65)	48.4 (0.82)	90.9 (0.52)	77.8 (0.64)	80.1 (0.68)	54.2 (0.85)
Black.....	74.5 (1.12)	71.1 (1.23)	53.8 (1.29)	26.2 (1.21)	88.7 (0.85)	78.7 (1.35)	63.3 (1.54)	32.0 (1.65)	86.7 (1.77)	77.3 (1.98)	64.7 (2.31)	35.0 (1.89)
Hispanic.....	73.1 (1.18)	71.0 (1.05)	51.5 (1.02)	24.5 (0.90)	82.6 (1.05)	78.1 (1.10)	60.9 (1.36)	27.7 (1.23)	86.7 (1.14)	80.2 (1.05)	65.0 (1.46)	31.8 (1.34)
Asian <sup>1</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	91.0 (2.06)	79.9 (2.87)	71.4 (2.89)	45.8 (3.78)
Pacific Islander <sup>1</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native <sup>1</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	94.2 (2.96)	79.7 (7.16)	80.8 (9.63)	58.4 (12.64)
Other <sup>2</sup> .....	76.7 (2.00)	73.2 (1.94)	62.4 (2.01)	30.7 (1.94)	87.5 (1.63)	77.6 (2.25)	68.5 (2.32)	37.2 (2.16)	89.2 (1.76)	73.6 (3.48)	75.7 (2.83)	44.8 (3.13)
Highest education level of parents/guardians in the household												
Less than high school.....	57.4 (1.77)	60.0 (1.78)	37.8 (1.68)	12.9 (1.05)	69.8 (2.04)	67.8 (2.50)	42.4 (2.42)	15.6 (2.04)	75.2 (2.37)	69.7 (2.65)	48.1 (3.06)	19.5 (3.37)
High school/GED <sup>3</sup> .....	72.7 (1.00)	69.7 (0.87)	58.7 (0.93)	26.0 (0.88)	83.8 (0.91)	75.4 (0.93)	62.1 (1.28)	30.3 (1.27)	84.5 (1.15)	74.3 (1.16)	65.1 (1.52)	33.0 (1.56)
Vocational/technical or some college.....	78.0 (1.04)	72.8 (0.97)	66.0 (1.05)	35.7 (1.07)	88.5 (0.67)	78.0 (1.02)	69.1 (0.93)	38.8 (1.26)	87.5 (1.56)	75.7 (1.48)	69.3 (1.60)	40.2 (1.66)
Associate's degree.....	81.7 (1.14)	75.8 (1.39)	68.7 (1.57)	41.5 (1.53)	88.6 (1.27)	76.6 (1.68)	73.0 (1.76)	39.7 (1.67)	91.9 (1.18)	80.2 (1.75)	76.9 (2.14)	45.3 (2.32)
Bachelor's degree/some graduate school.....	87.0 (0.73)	79.6 (0.84)	75.8 (0.93)	49.6 (1.10)	92.0 (0.75)	79.8 (0.89)	80.1 (0.95)	53.9 (1.29)	93.6 (0.75)	81.4 (1.00)	83.2 (0.95)	57.1 (1.44)
Graduate/professional degree.....	89.4 (0.70)	76.2 (1.09)	79.2 (0.98)	55.1 (1.21)	94.6 (0.74)	79.4 (0.99)	80.8 (1.09)	61.8 (1.57)	95.6 (0.64)	82.3 (1.13)	87.3 (0.95)	64.1 (1.33)
Family income (in current dollars)												
\$5,000 or less.....	67.0 (2.83)	66.7 (3.14)	47.4 (2.87)	17.6 (2.09)	77.7 (2.84)	72.4 (4.15)	55.6 (3.91)	27.3 (4.09)	76.3 (4.85)	66.1 (5.32)	44.7 (6.01)	27.8 (5.24)
\$5,001 to 10,000.....	66.8 (2.13)	67.6 (2.25)	50.7 (2.23)	23.3 (1.91)	79.3 (3.26)	75.7 (3.28)	59.9 (3.60)	30.4 (3.35)	80.0 (3.45)	76.0 (3.81)	56.2 (4.56)	26.3 (4.53)
\$10,001 to 15,000.....	67.1 (1.64)	70.0 (1.62)	49.9 (2.15)	20.4 (1.40)	80.0 (2.41)	75.6 (2.35)	53.4 (2.99)	22.5 (2.44)	76.7 (4.46)	73.0 (4.57)	56.8 (4.12)	28.8 (3.69)
\$15,001 to 20,000.....	71.1 (1.76)	70.4 (1.52)	55.1 (1.89)	25.3 (1.70)	81.1 (2.60)	74.2 (2.23)	57.5 (2.28)	25.6 (2.84)	81.9 (3.07)	83.0 (2.54)	58.9 (4.17)	17.4 (2.12)
\$20,001 to 25,000.....	70.6 (1.90)	67.0 (1.62)	53.4 (1.76)	26.2 (1.63)	83.5 (1.64)	79.1 (1.89)	62.4 (1.99)	27.0 (2.39)	84.8 (2.26)	78.9 (2.38)	64.7 (2.96)	29.9 (3.18)
\$25,001 to 30,000.....	74.3 (1.35)	71.6 (1.31)	59.1 (1.71)	30.9 (1.69)	85.7 (1.46)	75.9 (2.41)	64.2 (2.23)	33.8 (2.86)	85.5 (3.09)	76.6 (3.20)	63.4 (3.20)	35.9 (3.53)
\$30,001 to 35,000.....	79.0 (1.60)	73.8 (1.72)	67.6 (1.69)	37.9 (1.84)	84.5 (1.59)	76.3 (1.94)	64.7 (2.32)	33.5 (2.51)	85.6 (2.75)	72.4 (3.23)	67.6 (2.59)	31.5 (2.80)
\$35,001 to 40,000.....	79.4 (1.38)	73.7 (1.38)	68.4 (1.64)	36.1 (1.84)	83.4 (2.50)	74.7 (2.10)	70.9 (2.41)	37.3 (3.50)	88.0 (1.65)	74.9 (2.85)	69.9 (2.57)	32.8 (2.52)
\$40,001 to 50,000.....	81.6 (1.07)	75.1 (1.13)	72.8 (1.25)	40.1 (1.26)	87.5 (1.18)	79.3 (1.42)	68.5 (2.11)	40.0 (1.89)	88.8 (1.57)	79.4 (2.05)	74.3 (2.09)	40.8 (2.36)
\$50,001 to 75,000.....	84.6 (0.78)	74.8 (0.91)	72.6 (0.90)	43.8 (1.05)	89.9 (0.79)	76.9 (0.96)	74.5 (1.04)	46.0 (1.27)	92.0 (0.73)	78.6 (0.96)	79.0 (1.15)	51.7 (1.18)
Over \$75,000.....	88.5 (0.68)	77.3 (0.74)	79.3 (0.80)	54.9 (1.02)	93.9 (0.57)	78.6 (0.89)	79.3 (0.73)	56.8 (1.01)	95.0 (0.40)	79.9 (0.87)	85.4 (0.66)	62.0 (1.10)
Child attending public school.....	76.8 (0.54)	71.4 (0.50)	63.5 (0.48)	33.8 (0.41)	86.7 (0.40)	75.9 (0.45)	68.0 (0.47)	38.5 (0.64)	88.5 (0.53)	76.9 (0.59)	72.6 (0.66)	42.7 (0.69)
Elementary (kindergarten to grade 8).....	81.7 (0.57)	80.9 (0.45)	66.9 (0.55)	38.1 (0.48)	90.9 (0.40)	85.1 (0.42)	71.7 (0.57)	42.8 (0.74)	91.7 (0.59)	85.1 (0.69)	76.1 (0.79)	48.5 (1.00)
Secondary (grades 9 to 12).....	65.8 (0.99)	50.1 (1.10)	55.9 (0.97)	24.0 (0.77)	76.9 (1.06)	54.8 (1.02)	59.4 (1.06)	28.5 (0.98)	82.0 (1.12)	59.9 (1.14)	65.5 (1.20)	30.6 (1.05)
Child attending private school.....	91.4 (0.80)	85.0 (0.95)	81.7 (1.09)	63.8 (1.35)	95.7 (0.61)	86.6 (1.03)	85.6 (1.23)	68.7 (1.57)	96.3 (1.08)	86.5 (1.84)	88.1 (1.27)	74.1 (1.75)
Elementary (kindergarten to grade 8).....	93.0 (0.73)	90.2 (0.81)	84.2 (1.11)	68.8 (1.37)	96.6 (0.69)	91.6 (0.92)	88.4 (1.22)	73.4 (1.90)	96.8 (1.46)	92.5 (1.61)	89.2 (1.65)	80.3 (1.87)
Secondary (grades 9 to 12).....	85.9 (2.09)	66.9 (2.74)	73.0 (2.62)	46.3 (3.23)	93.0 (1.56)	72.2 (2.54)	77.6 (2.93)	55.2 (2.78)	95.2 (1.11)	71.2 (4.05)	85.2 (2.21)	58.6 (3.50)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Included in "Other" in 1999 and 2003 data.

<sup>2</sup>Includes all other races or two or more races.

<sup>3</sup>GED = General Educational Development.

NOTE: Includes children enrolled in kindergarten through grade 12 and ungraded students. Excludes homeschooled children. The respondent was the parent most knowledgeable about the child's education. Responding parents reported on their own and their spouse's, or other household adults', activities. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Parent and Family Involvement in Education: 2002–03*; and Parent Survey (Parent:1999) and Parent and Family Involvement in Education Survey (PFI:2003 and 2007) of the National Household Education Surveys Program, unpublished tabulations. (This table was prepared August 2008.)

**Table 67. Private elementary and secondary school enrollment and private enrollment as a percentage of total enrollment in public and private schools, by region and grade level: Selected years, fall 1995 through fall 2009**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment		Private enrollment, by region							
			Northeast		Midwest		South		West	
	In thousands	Percent of total enrollment	In thousands	Percent of total enrollment in Northeast	In thousands	Percent of total enrollment in Midwest	In thousands	Percent of total enrollment in South	In thousands	Percent of total enrollment in West
1	2	3	4	5	6	7	8	9	10	11
<b>Total, all grades</b>										
1995.....	5,918 (31.8)	11.7 (0.06)	1,509 (18.8)	16.0 (0.20)	1,525 (14.2)	12.7 (0.12)	1,744 (12.8)	9.8 (0.07)	1,141 (11.5)	10.0 (0.10)
1997.....	5,944 (18.5)	11.4 (0.04)	1,496 (8.3)	15.6 (0.09)	1,528 (11.6)	12.5 (0.10)	1,804 (11.3)	9.8 (0.06)	1,116 (5.2)	9.4 (0.04)
1999.....	6,018 (30.2)	11.4 (0.06)	1,507 (7.9)	15.5 (0.08)	1,520 (10.3)	12.4 (0.09)	1,863 (26.7)	10.0 (0.14)	1,127 (5.4)	9.2 (0.04)
2001.....	6,320 (40.3)	11.7 (0.08)	1,581 (9.5)	16.1 (0.10)	1,556 (22.9)	12.6 (0.19)	1,975 (21.4)	10.3 (0.11)	1,208 (23.4)	9.6 (0.19)
2003.....	6,099 (41.2)	11.2 (0.08)	1,513 (25.8)	15.4 (0.27)	1,460 (15.1)	11.9 (0.12)	1,944 (21.0)	9.9 (0.11)	1,182 (19.1)	9.1 (0.15)
2005.....	6,073 (42.4)	11.0 (0.08)	1,430 (7.7)	14.8 (0.08)	1,434 (21.0)	11.7 (0.17)	1,976 (24.7)	9.8 (0.12)	1,234 (26.3)	9.4 (0.20)
2007.....	5,910 (28.4)	10.7 (0.05)	1,426 (11.0)	14.9 (0.12)	1,352 (8.3)	11.2 (0.07)	1,965 (21.5)	9.6 (0.11)	1,167 (12.3)	8.9 (0.09)
2009.....	5,488 (35.9)	10.0 (0.07)	1,310 (15.7)	14.0 (0.17)	1,296 (25.9)	10.8 (0.22)	1,842 (17.6)	9.1 (0.09)	1,041 (8.0)	8.0 (0.06)
<b>Prekindergarten through grade 8</b>										
1995.....	4,756 (28.4)	12.8 (0.08)	1,174 (16.8)	17.2 (0.25)	1,238 (13.5)	14.3 (0.16)	1,413 (11.9)	10.7 (0.09)	931 (9.2)	11.1 (0.11)
1997.....	4,759 (17.3)	12.6 (0.05)	1,165 (8.3)	16.8 (0.12)	1,235 (11.0)	14.1 (0.13)	1,449 (10.0)	10.8 (0.07)	909 (4.4)	10.5 (0.05)
1999.....	4,789 (23.1)	12.5 (0.06)	1,168 (7.5)	16.7 (0.11)	1,222 (8.4)	13.9 (0.10)	1,487 (19.6)	10.9 (0.14)	913 (4.4)	10.4 (0.05)
2001.....	5,023 (36.1)	12.9 (0.09)	1,216 (9.4)	17.3 (0.14)	1,253 (21.2)	14.3 (0.24)	1,584 (17.8)	11.3 (0.13)	969 (21.2)	10.6 (0.23)
2003.....	4,788 (30.3)	12.3 (0.08)	1,131 (7.8)	16.4 (0.11)	1,167 (13.6)	13.5 (0.16)	1,547 (18.6)	10.9 (0.13)	944 (18.1)	10.2 (0.20)
2005.....	4,724 (33.0)	12.1 (0.09)	1,063 (6.6)	15.9 (0.10)	1,142 (19.3)	13.3 (0.23)	1,551 (21.2)	10.7 (0.15)	969 (15.0)	10.5 (0.16)
2007.....	4,546 (21.9)	11.7 (0.06)	1,047 (6.3)	16.0 (0.10)	1,065 (7.7)	12.6 (0.09)	1,525 (17.7)	10.4 (0.12)	909 (8.1)	9.9 (0.09)
2009.....	4,179 (33.2)	10.8 (0.09)	938 (12.6)	14.6 (0.20)	1,016 (25.1)	12.1 (0.30)	1,424 (16.2)	9.8 (0.11)	802 (7.2)	8.8 (0.08)
<b>Grades 9 through 12</b>										
1995.....	1,163 (4.6)	8.5 (0.03)	335 (2.9)	13.0 (0.11)	287 (0.9)	8.6 (0.03)	331 (2.1)	7.1 (0.04)	209 (2.3)	6.8 (0.08)
1997.....	1,185 (2.4)	8.3 (0.02)	331 (0.5)	12.5 (0.02)	293 (0.7)	8.5 (0.02)	354 (1.7)	7.2 (0.03)	207 (1.2)	6.4 (0.04)
1999.....	1,229 (8.3)	8.4 (0.06)	340 (1.1)	12.6 (0.04)	299 (2.5)	8.6 (0.07)	376 (7.6)	7.5 (0.15)	215 (1.8)	6.3 (0.05)
2001.....	1,296 (6.7)	8.6 (0.04)	365 (0.8)	13.1 (0.03)	302 (2.0)	8.6 (0.06)	390 (4.4)	7.5 (0.08)	239 (4.5)	6.8 (0.13)
2003.....	1,311 (24.7)	8.4 (0.16)	382 (24.0)	13.1 (0.83)	294 (4.1)	8.2 (0.11)	397 (3.0)	7.4 (0.06)	238 (3.5)	6.4 (0.09)
2005.....	1,349 (18.1)	8.3 (0.11)	367 (1.7)	12.3 (0.06)	292 (5.0)	7.9 (0.14)	425 (7.2)	7.5 (0.13)	265 (15.7)	6.7 (0.40)
2007.....	1,364 (12.0)	8.3 (0.07)	379 (8.8)	12.7 (0.30)	287 (1.3)	7.8 (0.04)	440 (5.5)	7.6 (0.10)	257 (5.7)	6.5 (0.14)
2009.....	1,309 (6.5)	8.0 (0.04)	372 (5.7)	12.6 (0.20)	280 (2.2)	7.7 (0.06)	418 (1.7)	7.3 (0.03)	239 (1.1)	6.1 (0.03)

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Ungraded students are prorated into prekindergarten through grade 8 and grades 9 through 12. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1995–96 through 2009–10; and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995–96 through 2009–10. (This table was prepared August 2012.)



**Table 68. Enrollment and percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and grade level: Selected years, fall 1995 through fall 2009**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment	Catholic				Other religious				Nonsectarian
		Total	Parochial	Diocesan	Private (independent)	Total	Conservative Christian	Affiliated <sup>1</sup>	Unaffiliated <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10	11
Enrollment (in thousands)										
<b>Total, all grades</b>										
1995.....	5,918 (31.8)	2,660 (6.9)	1,459 (2.1)	851 (5.7)	351 (1.2)	2,095 (17.0)	787 (8.8)	697 (4.9)	611 (11.8)	1,163 (18.4)
1997.....	5,944 (18.5)	2,666 (5.5)	1,439 (5.3)	874 (0.8)	353 (1.4)	2,097 (13.7)	824 (7.3)	647 (3.1)	627 (11.1)	1,182 (12.0)
1999.....	6,018 (30.2)	2,660 (4.8)	1,398 (4.4)	881 (0.0)	382 (1.9)	2,193 (27.2)	871 (4.8)	646 (4.9)	676 (24.6)	1,164 (8.2)
2001.....	6,320 (40.3)	2,673 (12.5)	1,310 (5.6)	979 (7.0)	384 (3.2)	2,328 (17.3)	937 (6.1)	663 (8.6)	728 (13.3)	1,319 (27.3)
2003.....	6,099 (41.2)	2,520 (10.6)	1,183 (9.9)	963 (4.8)	374 (4.0)	2,228 (19.7)	890 (8.9)	651 (5.9)	688 (14.8)	1,351 (29.2)
2005.....	6,073 (42.4)	2,403 (9.3)	1,063 (6.4)	957 (6.3)	383 (4.0)	2,303 (22.4)	957 (9.6)	697 (6.7)	649 (14.2)	1,367 (27.6)
2007.....	5,910 (28.4)	2,308 (6.1)	946 (5.4)	970 (1.8)	392 (3.4)	2,283 (20.6)	883 (6.6)	527 (3.5)	873 (18.2)	1,319 (18.2)
2009.....	5,488 (35.9)	2,160 (3.5)	856 (3.1)	909 (4.4)	395 (1.1)	2,076 (32.8)	737 (1.9)	516 (4.4)	823 (31.2)	1,252 (8.8)
<b>Prekindergarten through grade 8</b>										
1995.....	4,756 (28.4)	2,042 (5.2)	1,368 (2.1)	575 (3.5)	98 (1.2)	1,753 (14.8)	651 (7.2)	575 (4.6)	527 (11.1)	961 (17.5)
1997.....	4,759 (17.3)	2,047 (5.5)	1,353 (5.3)	598 (0.8)	96 (1.4)	1,744 (12.2)	679 (6.0)	529 (2.5)	537 (10.1)	968 (11.0)
1999.....	4,789 (23.1)	2,034 (4.8)	1,317 (4.4)	608 (†)	109 (1.9)	1,818 (19.9)	713 (3.7)	529 (3.9)	576 (17.6)	937 (7.3)
2001.....	5,023 (36.1)	2,032 (10.8)	1,227 (4.5)	688 (7.0)	118 (3.0)	1,927 (15.5)	765 (5.1)	536 (7.4)	626 (12.2)	1,064 (24.3)
2003.....	4,788 (30.3)	1,887 (11.1)	1,108 (9.9)	671 (4.8)	107 (0.3)	1,836 (16.9)	722 (6.5)	519 (4.1)	594 (13.5)	1,066 (15.4)
2005.....	4,724 (33.0)	1,780 (9.3)	993 (6.4)	673 (6.3)	113 (2.9)	1,865 (19.4)	765 (8.0)	561 (5.7)	539 (12.6)	1,079 (15.5)
2007.....	4,546 (21.9)	1,685 (5.3)	879 (4.6)	688 (1.6)	118 (3.1)	1,834 (18.4)	699 (5.9)	418 (3.2)	717 (16.6)	1,027 (11.4)
2009.....	4,179 (33.2)	1,542 (3.3)	782 (3.1)	643 (0.8)	117 (0.6)	1,666 (30.2)	579 (1.7)	401 (4.0)	685 (28.9)	972 (8.1)
<b>Grades 9 through 12</b>										
1995.....	1,163 (4.6)	618 (2.8)	91 (†)	275 (2.8)	252 (†)	342 (3.2)	136 (2.3)	122 (0.6)	84 (1.7)	202 (1.5)
1997.....	1,185 (2.4)	619 (0.1)	86 (†)	275 (†)	257 (0.1)	353 (2.3)	145 (1.7)	117 (0.8)	90 (1.2)	214 (1.9)
1999.....	1,229 (8.3)	627 (0.1)	80 (†)	273 (†)	273 (0.1)	375 (7.9)	158 (1.6)	117 (1.2)	100 (7.5)	228 (2.2)
2001.....	1,296 (6.7)	641 (2.3)	83 (2.3)	292 (†)	266 (0.3)	401 (3.5)	172 (2.6)	127 (1.6)	102 (1.9)	255 (4.5)
2003.....	1,311 (24.7)	634 (3.9)	75 (†)	292 (†)	266 (3.9)	392 (4.2)	167 (3.1)	131 (1.9)	94 (2.0)	285 (24.0)
2005.....	1,349 (18.1)	623 (1.5)	70 (†)	284 (0.7)	270 (1.3)	438 (6.5)	192 (3.4)	136 (1.5)	110 (5.2)	288 (16.6)
2007.....	1,364 (12.0)	623 (1.4)	67 (1.2)	282 (0.6)	274 (0.4)	450 (3.8)	184 (1.8)	109 (0.4)	156 (3.1)	292 (11.2)
2009.....	1,309 (6.5)	618 (4.4)	74 (‡)	266 (4.3)	278 (0.9)	411 (4.3)	158 (0.4)	115 (1.1)	138 (4.1)	280 (1.9)
Percentage distribution										
<b>Total, all grades</b>										
1995.....	100.0 (†)	45.0 (0.19)	24.7 (0.13)	14.4 (0.08)	5.9 (0.03)	35.4 (0.19)	13.3 (0.12)	11.8 (0.08)	10.3 (0.18)	19.7 (0.23)
1997.....	100.0 (†)	44.8 (0.13)	24.2 (0.09)	14.7 (0.05)	5.9 (0.03)	35.3 (0.18)	13.9 (0.12)	10.9 (0.06)	10.5 (0.17)	19.9 (0.17)
1999.....	100.0 (†)	44.2 (0.24)	23.2 (0.14)	14.6 (0.07)	6.4 (0.04)	36.4 (0.28)	14.5 (0.09)	10.7 (0.08)	11.2 (0.36)	19.3 (0.11)
2001.....	100.0 (†)	42.3 (0.25)	20.7 (0.14)	15.5 (0.12)	6.1 (0.04)	36.8 (0.22)	14.8 (0.13)	10.5 (0.13)	11.5 (0.18)	20.9 (0.33)
2003.....	100.0 (†)	41.3 (0.27)	19.4 (0.17)	15.8 (0.14)	6.1 (0.07)	36.5 (0.25)	14.6 (0.13)	10.7 (0.10)	11.3 (0.22)	22.1 (0.36)
2005.....	100.0 (†)	39.6 (0.26)	17.5 (0.13)	15.8 (0.14)	6.3 (0.07)	37.9 (0.25)	15.8 (0.14)	11.5 (0.09)	10.7 (0.20)	22.5 (0.34)
2007.....	100.0 (†)	39.1 (0.20)	16.0 (0.11)	16.4 (0.09)	6.6 (0.06)	38.6 (0.25)	14.9 (0.12)	8.9 (0.06)	14.8 (0.26)	22.3 (0.25)
2009.....	100.0 (†)	39.4 (0.25)	15.6 (0.11)	16.6 (0.13)	7.2 (0.05)	37.8 (0.37)	13.4 (0.09)	9.4 (0.07)	15.0 (0.48)	22.8 (0.16)
<b>Prekindergarten through grade 8</b>										
1995.....	100.0 (†)	42.9 (0.20)	28.8 (0.17)	12.1 (0.06)	2.1 (0.02)	36.9 (0.22)	13.7 (0.13)	12.1 (0.09)	11.1 (0.21)	20.2 (0.28)
1997.....	100.0 (†)	43.0 (0.15)	28.4 (0.12)	12.6 (0.05)	2.0 (0.03)	36.7 (0.20)	14.3 (0.13)	11.1 (0.06)	11.3 (0.19)	20.3 (0.19)
1999.....	100.0 (†)	42.5 (0.23)	27.5 (0.16)	12.7 (0.06)	2.3 (0.04)	38.0 (0.26)	14.9 (0.09)	11.1 (0.07)	12.0 (0.32)	19.6 (0.12)
2001.....	100.0 (†)	40.5 (0.27)	24.4 (0.17)	13.7 (0.14)	2.3 (0.05)	38.4 (0.25)	15.2 (0.15)	10.7 (0.14)	12.5 (0.20)	21.2 (0.37)
2003.....	100.0 (†)	39.4 (0.25)	23.1 (0.18)	14.0 (0.13)	2.2 (0.01)	38.3 (0.23)	15.1 (0.12)	10.8 (0.09)	12.4 (0.24)	22.3 (0.22)
2005.....	100.0 (†)	37.7 (0.25)	21.0 (0.14)	14.2 (0.15)	2.4 (0.06)	39.5 (0.21)	16.2 (0.16)	11.9 (0.09)	11.4 (0.22)	22.8 (0.23)
2007.....	100.0 (†)	37.1 (0.20)	19.3 (0.13)	15.1 (0.09)	2.6 (0.07)	40.3 (0.27)	15.4 (0.14)	9.2 (0.07)	15.8 (0.30)	22.6 (0.21)
2009.....	100.0 (†)	36.9 (0.29)	18.7 (0.15)	15.4 (0.12)	2.8 (0.03)	39.9 (0.43)	13.9 (0.11)	9.6 (0.10)	16.4 (0.57)	23.2 (0.20)

See notes at end of table.

**Table 68. Enrollment and percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and grade level: Selected years, fall 1995 through fall 2009—Continued**

[Standard errors appear in parentheses]

Grade level and year	Total private enrollment	Catholic				Other religious				Nonsectarian
		Total	Parochial	Diocesan	Private (independent)	Total	Conservative Christian	Affiliated <sup>1</sup>	Unaffiliated <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10	11
<b>Grades 9 through 12</b>										
1995.....	100.0 (†)	53.2 (0.20)	7.8 (0.03)	23.7 (0.20)	21.7 (0.09)	29.4 (0.20)	11.7 (0.18)	10.5 (0.06)	7.2 (0.14)	17.4 (0.12)
1997.....	100.0 (†)	52.2 (0.10)	7.3 (0.01)	23.2 (0.05)	21.7 (0.04)	29.8 (0.16)	12.2 (0.13)	9.9 (0.08)	7.6 (0.10)	18.0 (0.14)
1999.....	100.0 (†)	51.0 (0.34)	6.5 (0.04)	22.2 (0.15)	22.2 (0.15)	30.5 (0.45)	12.9 (0.14)	9.5 (0.11)	8.1 (0.56)	18.5 (0.19)
2001.....	100.0 (†)	49.4 (0.26)	6.4 (0.17)	22.5 (0.12)	20.5 (0.10)	31.0 (0.19)	13.3 (0.17)	9.8 (0.12)	7.8 (0.13)	19.6 (0.28)
2003.....	100.0 (†)	48.3 (0.91)	5.7 (0.11)	22.3 (0.42)	20.3 (0.44)	29.9 (0.59)	12.8 (0.32)	10.0 (0.23)	7.2 (0.20)	21.8 (1.43)
2005.....	100.0 (†)	46.2 (0.60)	5.2 (0.07)	21.0 (0.28)	20.0 (0.27)	32.5 (0.52)	14.3 (0.28)	10.1 (0.16)	8.1 (0.37)	21.4 (0.97)
2007.....	100.0 (†)	45.7 (0.40)	4.9 (0.09)	20.6 (0.18)	20.1 (0.17)	33.0 (0.33)	13.5 (0.16)	8.0 (0.07)	11.4 (0.22)	21.4 (0.65)
2009.....	100.0 (†)	47.2 (0.25)	5.7 (0.03)	20.3 (0.27)	21.2 (0.12)	31.4 (0.25)	12.1 (0.06)	8.8 (0.08)	10.5 (0.28)	21.4 (0.15)

†Not applicable.

#Rounds to zero.

<sup>1</sup>Affiliated schools belong to associations of schools with a specific religious orientation other than Catholic or conservative Christian. Unaffiliated schools have a religious orientation or purpose but are not classified as Catholic, conservative Christian, or affiliated.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Ungraded students are prorated into prekindergarten through grade 8 and grades 9 through 12. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1995–96 through 2009–10. (This table was prepared August 2012.)

**Table 69. Percentage distribution of students enrolled in private elementary and secondary schools, by school orientation and selected characteristics: Fall 2009**

[Standard errors appear in parentheses]

Selected characteristic	Total		Catholic						Other religious						Nonsectarian					
			Total		Parochial		Diocesan		Private (independent)		Total		Conservative Christian			Affiliated <sup>1</sup>		Unaffiliated <sup>1</sup>		
1	2		3		4		5		6		7		8		9		10		11	
<b>Total .....</b>	<b>100.0</b>	<b>(†)</b>	<b>39.4</b>	<b>(0.25)</b>	<b>15.6</b>	<b>(0.11)</b>	<b>16.6</b>	<b>(0.13)</b>	<b>7.2</b>	<b>(0.05)</b>	<b>37.8</b>	<b>(0.37)</b>	<b>13.4</b>	<b>(0.09)</b>	<b>9.4</b>	<b>(0.07)</b>	<b>15.0</b>	<b>(0.48)</b>	<b>22.8</b>	<b>(0.16)</b>
School level <sup>2</sup>																				
Elementary.....	100.0	(†)	49.5	(0.44)	25.9	(0.24)	20.9	(0.19)	2.7	(0.03)	30.1	(0.58)	7.1	(0.08)	8.4	(0.12)	14.6	(0.68)	20.4	(0.22)
Secondary.....	100.0	(†)	74.7	(0.25)	8.5	(0.05)	33.2	(0.38)	33.0	(0.22)	13.6	(0.22)	2.3	(0.01)	5.5	(0.03)	5.8	(0.23)	11.7	(0.13)
Combined .....	100.0	(†)	6.7	(0.06)	1.6	(0.02)	2.0	(0.02)	3.1	(0.03)	61.5	(0.35)	28.9	(0.26)	12.8	(0.15)	19.7	(0.68)	31.8	(0.31)
Student race/ethnicity <sup>3</sup>																				
White.....	100.0	(†)	41.7	(0.38)	16.2	(0.16)	17.9	(0.20)	7.6	(0.07)	39.2	(0.54)	13.7	(0.13)	10.1	(0.11)	15.5	(0.72)	19.0	(0.18)
Black .....	100.0	(†)	35.1	(0.21)	13.1	(0.08)	13.8	(0.08)	8.2	(0.05)	41.8	(0.20)	18.0	(0.14)	8.9	(0.09)	14.8	(0.27)	23.1	(0.24)
Hispanic.....	100.0	(†)	60.3	(0.55)	25.1	(0.24)	23.5	(0.22)	11.7	(0.11)	24.3	(0.14)	10.4	(0.11)	6.2	(0.10)	7.7	(0.21)	15.4	(0.53)
Asian.....	100.0	(†)	38.1	(0.29)	15.1	(0.12)	15.5	(0.12)	7.5	(0.06)	30.3	(0.25)	11.5	(0.09)	9.7	(0.08)	9.1	(0.14)	31.6	(0.52)
Pacific Islander.....	100.0	(†)	40.3	(1.28)	17.7	(0.56)	16.7	(0.53)	5.9	(0.19)	44.6	(1.75)	12.5	(0.40)	5.4	(0.17)	26.7	(2.32)	15.1	(0.48)
American Indian/Alaska Native.....	100.0	(†)	41.0	(0.32)	10.3	(0.08)	18.2	(0.14)	12.5	(0.10)	34.1	(0.40)	17.1	(0.32)	5.6	(0.25)	11.4	(0.29)	24.9	(0.43)
Two or more races .....	100.0	(†)	44.8	(0.26)	16.5	(0.10)	19.7	(0.11)	8.7	(0.09)	27.0	(0.39)	9.8	(0.07)	8.0	(0.05)	9.2	(0.48)	28.2	(0.21)
School enrollment																				
Less than 50 .....	100.0	(†)	2.3	(0.26)	0.7	(0.10)	0.7	(0.06)	0.9	(0.19)	57.7	(3.20)	12.1	(0.97)	6.9	(0.86)	38.8	(4.56)	40.0	(3.04)
50 to 149 .....	100.0	(†)	15.6	(0.21)	6.9	(0.09)	6.6	(0.12)	2.1	(0.06)	47.2	(0.42)	16.3	(0.21)	9.2	(0.12)	21.7	(0.65)	37.2	(0.36)
150 to 299 .....	100.0	(†)	44.8	(0.32)	21.8	(0.15)	19.6	(0.14)	3.5	(0.06)	36.5	(0.40)	12.8	(0.12)	9.2	(0.14)	14.4	(0.51)	18.7	(0.25)
300 to 499 .....	100.0	(†)	50.0	(0.46)	23.3	(0.33)	20.1	(0.38)	6.7	(0.06)	32.6	(0.58)	12.7	(0.12)	9.4	(0.26)	10.6	(0.71)	17.3	(0.27)
500 to 749.....	100.0	(†)	53.7	(#)	19.7	(#)	23.3	(#)	10.7	(#)	30.4	(#)	13.4	(#)	9.3	(#)	7.8	(#)	15.9	(#)
750 or more .....	100.0	(†)	42.0	(0.31)	6.6	(0.05)	17.3	(0.13)	18.2	(0.13)	36.5	(0.46)	12.7	(0.09)	11.0	(0.08)	12.8	(0.64)	21.5	(0.16)
Region																				
Northeast.....	100.0	(†)	45.6	(0.57)	19.4	(0.28)	16.8	(0.38)	9.4	(0.13)	28.0	(0.80)	4.9	(0.09)	9.5	(0.11)	13.6	(0.77)	26.4	(0.28)
Midwest.....	100.0	(†)	56.1	(1.08)	23.3	(0.44)	24.3	(0.49)	8.5	(0.18)	32.3	(1.26)	9.2	(0.19)	8.0	(0.22)	15.1	(1.58)	11.6	(0.35)
South .....	100.0	(†)	26.8	(0.25)	9.9	(0.09)	12.0	(0.11)	5.0	(0.05)	48.7	(0.42)	19.4	(0.19)	11.3	(0.11)	18.0	(0.65)	24.5	(0.25)
West.....	100.0	(†)	32.9	(0.25)	11.4	(0.09)	14.7	(0.11)	6.8	(0.05)	37.8	(0.35)	18.9	(0.15)	7.7	(0.13)	11.3	(0.39)	29.2	(0.34)
School locale																				
City.....	100.0	(†)	44.2	(0.23)	16.0	(0.10)	18.2	(0.10)	10.0	(0.06)	33.8	(0.09)	10.8	(0.07)	10.2	(0.07)	12.8	(0.11)	21.9	(0.26)
Suburban .....	100.0	(†)	40.6	(0.38)	17.0	(0.16)	17.0	(0.24)	6.6	(0.06)	35.4	(0.48)	13.2	(0.13)	9.2	(0.12)	13.0	(0.54)	23.9	(0.28)
Town.....	100.0	(†)	47.1	(1.16)	22.5	(0.56)	22.4	(0.55)	2.2	(0.05)	39.6	(1.45)	15.1	(0.40)	7.7	(0.40)	16.7	(1.94)	13.3	(0.72)
Rural .....	100.0	(†)	15.8	(0.59)	6.2	(0.23)	6.8	(0.25)	2.9	(0.11)	56.7	(1.50)	21.6	(0.81)	8.2	(0.36)	26.9	(2.56)	27.5	(0.97)

†Not applicable.

#Rounds to zero.

<sup>1</sup>Affiliated schools belong to associations of schools with a specific religious orientation other than Catholic or conservative Christian. Unaffiliated schools have a religious orientation or purpose but are not classified as Catholic, conservative Christian, or affiliated.<sup>2</sup>Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools have grades lower than 7 and higher than 8.<sup>3</sup>Race/ethnicity was not collected for prekindergarten students (788,000 out of 5,488,490 students). Percentage distribution is based on the students for whom race/ethnicity was reported.

NOTE: Includes enrollment in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 2009–10. (This table was prepared August 2012.)



**Table 71. Private elementary and secondary enrollment, number of schools, and average tuition, by school level, orientation, and tuition: 1999–2000, 2003–04, and 2007–08**  
[Standard errors appear in parentheses]

School orientation and tuition	Kindergarten through 12th-grade enrollment <sup>1</sup>				Schools				Average tuition charged to students <sup>2</sup> (in current dollars)									
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined						
1	2	3	4	5	6	7	8	9	10	11	12	13						
1999–2000																		
Total .....	5,262,850 (131,001)	2,920,680 (55,057)	818,920 (34,102)	1,523,240 (88,816)	27,220 (239)	16,560 (278)	2,580 (126)	8,080 (276)	\$4,978 (157.3)	\$3,737 (248.6)	\$6,085 (174.6)	\$6,762 (260.9)						
Catholic.....	2,548,710 (23,352)	1,810,330 (18,134)	616,200 (25,935)	122,190 (15,613)	8,100 (24)	6,650 (54)	1,130 (57)	330 (26)	3,344 (57.2)	2,597 (47.3)	4,835 (91.9)	6,889 (690.1)						
Other religious .....	1,871,850 (86,782)	831,060 (41,035)	115,010 (10,981)	925,780 (66,926)	13,270 (237)	7,020 (231)	790 (78)	5,460 (252)	4,439 (153.5)	4,072 (129.7)	6,402 (455.6)	4,524 (280.1)						
Nonsectarian .....	842,290 (61,373)	279,290 (28,987)	87,720 (11,774)	475,270 (43,377)	5,850 (76)	2,900 (155)	670 (100)	2,290 (154)	11,120 (774.7)	10,128 (1,921.0)	14,447 (1,460.6)	11,089 (801.5)						
2003–04																		
Total .....	5,059,450 (104,287)	2,675,960 (55,714)	832,320 (54,051)	1,551,170 (82,059)	28,380 (262)	17,330 (262)	2,660 (206)	8,400 (217)	\$6,600 (144.5)	\$5,049 (119.5)	\$8,412 (433.4)	\$8,302 (289.7)						
Catholic.....	2,320,040 (49,156)	1,645,680 (41,231)	584,250 (32,236)	90,110 (14,746)	7,920 (35)	6,530 (50)	1,060 (39)	320 (39)	4,254 (95.9)	3,533 (105.9)	6,046 (130.6)	5,801 (883.0)						
Other religious .....	1,746,460 (63,090)	714,860 (28,935)	107,980 ! (33,776)	923,630 (48,379)	13,660 (203)	7,280 (200)	640 (175)	5,740 (182)	5,839 (143.9)	5,398 (161.4)	9,537 (962.6)	5,748 (230.3)						
Nonsectarian .....	992,940 (71,519)	315,430 (30,820)	140,080 (27,556)	537,440 (59,332)	6,810 (136)	3,510 (141)	960 (108)	2,340 (144)	13,419 (379.1)	12,169 (468.5)	17,413 (1,987.6)	13,112 (480.4)						
2007–08																		
Total .....	5,165,280 (104,435)	2,462,980 (58,830)	850,750 (38,553)	1,851,550 (91,348)	28,220 (328)	16,370 (291)	3,040 (149)	8,810 (254)	\$8,549 (176.0)	\$6,733 (180.6)	\$10,549 (355.5)	\$10,045 (371.6)						
Less than \$2,499 .....	455,850 (33,102)	271,960 (21,952)	+	(+)	173,660 (24,693)	6,100 (347)	3,450 (229)	+	(+)	2,370 (226)	1,670 (80.6)	1,938 (80.7)	+	(+)	1,313 (175.7)			
\$2,500 to \$3,499 .....	666,450 (42,950)	478,050 (33,038)	+	(+)	168,440 (26,113)	3,930 (257)	2,820 (225)	+	(+)	1,020 (119)	3,428 (41.0)	3,453 (43.2)	+	(+)	3,416 (116.5)			
\$3,500 to \$5,999 .....	1,790,410 (77,850)	1,066,750 (45,444)	143,510 (19,815)	580,150 (53,528)	9,110 (341)	6,100 (263)	550 (76)	2,460 (192)	5,206 (41.6)	5,218 (49.3)	5,081 (80.0)	5,214 (89.0)						
\$6,000 to \$9,999 .....	1,155,290 (60,342)	366,470 (37,396)	455,840 (33,376)	332,980 (36,574)	4,460 (232)	2,390 (188)	1,050 (85)	1,020 (114)	8,264 (100.6)	9,231 (286.7)	7,657 (104.7)	8,031 (191.9)						
\$10,000 or more .....	1,097,280 (67,145)	279,740 (31,540)	221,210 (23,837)	596,320 (60,614)	4,630 (232)	1,620 (156)	1,070 (96)	1,940 (150)	20,272 (513.4)	19,510 (1,006.4)	21,202 (1,081.1)	20,285 (712.1)						
Catholic.....	2,224,470 (49,385)	1,457,960 (32,114)	620,840 (32,581)	145,680 (25,445)	7,400 (34)	5,950 (57)	1,080 (46)	370 (39)	6,018 (180.3)	4,944 (211.6)	7,826 (231.8)	9,066 (964.2)						
Less than \$2,499 .....	190,800 (20,946)	174,580 (20,080)	+	(+)	+	(+)	1,130 (102)	1,050 (96)	+	(+)	2,144 (75.7)	2,166 (74.7)	+	(+)	+	(+)		
\$2,500 to \$3,499 .....	428,610 (35,795)	396,980 (32,130)	+	(+)	+	(+)	1,680 (131)	1,630 (126)	+	(+)	3,352 (42.8)	3,385 (45.8)	+	(+)	+	(+)		
\$3,500 to \$5,999 .....	826,120 (37,974)	683,980 (32,576)	111,770 (16,043)	+	(+)	3,040 (131)	2,680 (117)	280 (43)	+	(+)	4,896 (48.8)	4,864 (56.7)	5,150 (80.2)	+	(+)	+	(+)	
\$6,000 to \$9,999 .....	607,980 (49,329)	165,120 (28,123)	395,900 (30,158)	+	(+)	1,170 (102)	470 (72)	630 (49)	+	(+)	7,682 (116.3)	7,785 (240.4)	7,650 (116.7)	+	(+)	+	(+)	
\$10,000 or more .....	170,960 (27,585)	+	+	(+)	+	(+)	380 (62)	+	(+)	+	(+)	16,536 (1,704.9)	+	(+)	+	(+)	+	(+)
Other religious <sup>3</sup> .....	1,975,980 (81,216)	709,730 (36,666)	128,550 (15,136)	1,137,700 (75,038)	13,950 (282)	7,170 (228)	960 (85)	5,820 (192)	7,117 (237.1)	6,576 (241.5)	10,493 (1,336.5)	7,073 (358.7)						
Less than \$2,499 .....	221,810 (25,272)	94,820 (10,131)	+	(+)	122,890 (21,602)	4,160 (294)	2,320 (215)	+	(+)	1,780 (185)	1,577 (129.3)	1,552 (178.6)	+	(+)	1,601 (185.7)			
\$2,500 to \$3,499 .....	208,200 (24,333)	77,840 (11,714)	+	(+)	129,590 (23,401)	2,020 (208)	1,120 (175)	+	(+)	880 (115)	3,520 (84.3)	3,758 (170.4)	+	(+)	3,380 (74.7)			
\$3,500 to \$5,999 .....	860,370 (59,588)	340,150 (27,800)	+	(+)	489,390 (49,116)	5,030 (257)	2,640 (170)	+	(+)	2,160 (175)	5,372 (74.8)	5,568 (110.6)	+	(+)	5,269 (100.8)			
\$6,000 to \$9,999 .....	384,850 (39,687)	103,280 (15,561)	57,150 (10,809)	224,420 (33,273)	1,640 (137)	680 (94)	370 (65)	600 (72)	8,045 (155.1)	8,807 (429.9)	7,683 (187.6)	7,787 (163.8)						
\$10,000 or more .....	300,750 (34,146)	93,640 (19,216)	+	(+)	171,400 (31,330)	1,100 (114)	420 (72)	+	(+)	420 (81)	17,497 (759.9)	15,209 (632.4)	+	(+)	18,008 (1,196.0)			
Nonsectarian .....	964,830 (55,074)	295,280 (25,191)	101,370 (12,739)	568,180 (48,321)	6,860 (119)	3,240 (143)	1,010 (87)	2,620 (138)	17,316 (555.2)	15,945 (702.2)	27,302 (1,506.3)	16,247 (795.3)						
Less than \$2,499 .....	43,250 (6,840)	+	(+)	+	(+)	800 (113)	+	(+)	+	(+)	+	(+)	+	(+)	+	(+)		
\$2,500 to \$3,499 .....	+	(+)	+	(+)	+	(+)	+	(+)	+	(+)	+	(+)	+	(+)	+	(+)		
\$3,500 to \$5,999 .....	103,930 (18,494)	42,610 (7,809)	+	(+)	+	(+)	1,040 (143)	770 (139)	+	(+)	6,289 (352.1)	8,094 (687.4)	+	(+)	+	(+)		
\$6,000 to \$9,999 .....	162,450 (24,872)	98,070 (16,434)	+	(+)	+	(+)	1,650 (168)	1,250 (151)	+	(+)	10,963 (530.4)	12,111 (792.2)	+	(+)	+	(+)		
\$10,000 or more .....	625,570 (45,837)	148,810 (20,542)	90,480 (12,896)	386,280 (43,701)	3,150 (177)	1,070 (129)	660 (77)	1,410 (131)	22,628 (703.0)	21,232 (1,046.6)	30,265 (1,589.3)	21,377 (983.4)						

+Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Only includes kindergarten students who attend schools that offer first or higher grade.

<sup>2</sup>Each school reports the highest annual tuition charged for a full-time student; this amount does not take into account discounts that individual students may receive. This amount is weighted by the number of students enrolled in each school and averaged.

<sup>3</sup>For a complete list of other religions that schools could select, please see question 21 of the "Private School Questionnaire" at <http://nces.ed.gov/surveys/sass/pdf/0708/sass3b.pdf>.

NOTE: Excludes schools not offering first or higher grade. Elementary schools have grade 6 or lower and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools have grades lower than 7 and higher than 8. Excludes pre-kindergarten students. Includes a small percentage of schools reporting tuition of 0; these private schools are often under contract to public school districts to provide special education services. Detail may not sum to totals because of rounding and cell suppression. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Questionnaire," 1999–2000, 2003–04, and 2007–08. (This table was prepared in January 2012.)

**Table 72. Private elementary and secondary school full-time-equivalent (FTE) staff and student to FTE staff ratios, by orientation of school, school level, and type of staff: 2007–08**  
[Standard errors appear in parentheses]

Type of staff	Total								Catholic							
	Total		Elementary <sup>1</sup>		Secondary <sup>2</sup>		Combined <sup>3</sup>		Total		Elementary <sup>1</sup>		Secondary <sup>2</sup>		Combined <sup>3</sup>	
1	2		3		4		5		6		7		8		9	
Number of schools .....	28,220	(328)	16,370	(291)	3,040	(149)	8,810	(254)	7,400	(34)	5,950	(57)	1,080	(46)	370	(39)
Enrollment (in thousands) .....	5,165	(104)	2,463	(59)	851	(39)	1,852	(91)	2,224	(49)	1,458	(32)	621	(33)	146	(25)
Number of FTE staff																
<b>Total FTE staff .....</b>	<b>778,610</b>	<b>(16,146)</b>	<b>326,320</b>	<b>(8,044)</b>	<b>126,490</b>	<b>(5,809)</b>	<b>325,810</b>	<b>(14,362)</b>	<b>250,380</b>	<b>(6,211)</b>	<b>157,980</b>	<b>(3,488)</b>	<b>70,240</b>	<b>(3,582)</b>	<b>22,150</b>	<b>(3,520)</b>
Principals.....	30,430	(463)	15,260	(316)	3,360	(168)	11,810	(398)	7,730	(101)	5,950	(75)	1,240	(63)	530	(67)
Assistant principals.....	13,000	(485)	4,860	(287)	2,840	(194)	5,290	(337)	3,980	(191)	1,940	(123)	1,670	(117)	360	(79)
Other managers .....	25,940	(947)	9,150	(443)	5,160	(357)	11,630	(775)	7,010	(387)	3,100	(196)	3,180	(242)	730	(168)
Instruction coordinators.....	7,770	(535)	2,620	(274)	1,570	(217)	3,590	(391)	2,060	(252)	1,020	(179)	820	(156)	220 !	(88)
Teachers.....	433,400	(8,589)	186,870	(4,498)	68,840	(2,748)	177,690	(8,011)	146,120	(3,316)	92,210	(2,001)	41,910	(2,054)	12,010	(1,874)
Teacher aides .....	52,960	(2,577)	26,740	(1,390)	1,740	(352)	24,480	(2,237)	14,730	(997)	12,820	(548)	270	(55)	1,640 !	(779)
Other aides.....	11,160	(1,243)	4,780	(517)	710	(206)	5,660	(1,254)	2,580	(351)	2,440	(355)	110 !	(56)	20 !	(11)
Guidance counselors.....	11,620	(504)	2,290	(131)	4,140	(211)	5,190	(439)	5,040	(257)	1,600	(93)	2,880	(160)	570	(119)
Librarians/media specialists .....	11,960	(346)	5,680	(202)	1,900	(106)	4,380	(293)	4,730	(137)	3,230	(116)	1,160	(63)	340	(58)
Library/media center aides.....	4,030	(254)	1,910	(161)	600	(84)	1,520	(178)	1,770	(149)	1,200	(126)	420	(67)	140	(39)
Nurses.....	8,160	(396)	3,350	(163)	1,580	(181)	3,240	(281)	2,970	(153)	2,180	(121)	600	(62)	190 !	(62)
Student support staff <sup>4</sup> .....	24,500	(1,227)	7,900	(569)	4,690	(523)	11,900	(1,030)	6,080	(507)	3,670	(282)	1,500	(230)	910 !	(350)
Secretaries/clerical staff.....	50,010	(1,437)	19,230	(684)	9,730	(532)	21,050	(1,111)	15,940	(541)	8,840	(261)	5,730	(384)	1,380	(262)
Food service personnel.....	27,610	(1,008)	11,900	(490)	5,420	(461)	10,290	(814)	11,220	(476)	6,920	(341)	3,300	(264)	1,000	(195)
Custodial and maintenance.....	45,170	(1,464)	17,590	(596)	8,340	(526)	19,250	(1,369)	14,800	(483)	9,120	(284)	4,320	(319)	1,360	(248)
Other employees <sup>5</sup> .....	20,880	(2,707)	6,180	(784)	5,870 !	(2,016)	8,840	(1,345)	3,620	(642)	1,730	(366)	1,140 !	(378)	‡	(†)
Students per FTE staff member																
<b>Total FTE staff .....</b>	<b>7</b>	<b>(0.1)</b>	<b>8</b>	<b>(0.1)</b>	<b>7</b>	<b>(0.2)</b>	<b>6</b>	<b>(0.1)</b>	<b>9</b>	<b>(0.1)</b>	<b>9</b>	<b>(0.1)</b>	<b>9</b>	<b>(0.2)</b>	<b>7</b>	<b>(0.6)</b>
Principals.....	170	(2.9)	161	(4.2)	253	(12.5)	157	(5.7)	288	(5.9)	245	(4.9)	500	(23.5)	273	(33.8)
Assistant principals.....	397	(12.5)	506	(24.5)	300	(17.1)	350	(17.6)	559	(22.0)	750	(41.9)	371	(17.1)	401	(60.3)
Other managers .....	199	(6.0)	269	(11.1)	165	(9.1)	159	(8.2)	317	(14.7)	470	(29.0)	195	(11.2)	201	(39.1)
Instruction coordinators.....	664	(43.6)	942	(91.0)	544	(83.9)	515	(55.3)	1,080	(147.3)	1,431	(279.8)	759	(183.2)	‡	(†)
Teachers.....	12	(0.1)	13	(0.1)	12	(0.3)	10	(0.2)	15	(0.1)	16	(0.2)	15	(0.2)	12	(0.7)
Teacher aides .....	98	(4.9)	92	(4.5)	489	(123.0)	76	(7.2)	151	(10.0)	114	(4.6)	2,329	(617.7)	‡	(†)
Other aides.....	463	(53.6)	515	(57.9)	1,190 !	(407.3)	327	(87.8)	864	(141.3)	598	(103.4)	‡	(†)	‡	(†)
Guidance counselors.....	444	(16.5)	1,073	(55.9)	206	(6.9)	357	(24.4)	441	(17.9)	912	(49.6)	216	(5.9)	256	(34.1)
Librarians/media specialists .....	432	(9.7)	434	(12.8)	447	(19.7)	423	(18.3)	470	(11.5)	451	(15.7)	535	(21.4)	431	(55.7)
Library/media center aides.....	1,283	(77.5)	1,288	(106.6)	1,427	(202.0)	1,219	(142.7)	1,258	(107.6)	1,210	(124.6)	1,475	(256.0)	1,027 !	(371.4)
Nurses.....	633	(26.9)	736	(33.2)	539	(57.7)	572	(46.1)	750	(38.6)	668	(33.3)	1,041	(117.0)	775 !	(324.2)
Student support staff <sup>4</sup> .....	211	(10.2)	312	(21.7)	181	(20.4)	156	(13.9)	366	(28.0)	397	(27.3)	414	(64.1)	‡	(†)
Secretaries/clerical staff.....	103	(2.1)	128	(3.0)	87	(3.6)	88	(3.2)	140	(3.2)	165	(4.0)	108	(4.6)	106	(12.9)
Food service personnel.....	187	(6.4)	207	(8.7)	157	(13.1)	180	(11.7)	198	(7.4)	211	(9.8)	188	(14.1)	146	(22.0)
Custodial and maintenance.....	114	(2.8)	140	(3.4)	102	(5.3)	96	(5.2)	150	(3.5)	160	(4.3)	144	(7.0)	107	(10.3)
Other employees <sup>5</sup> .....	247	(29.7)	399	(49.5)	145 !	(55.5)	209	(32.7)	614	(120.7)	841	(193.8)	547 !	(233.0)	‡	(†)

See notes at end of table.

**Table 72. Private elementary and secondary school full-time-equivalent (FTE) staff and student to FTE staff ratios, by orientation of school, school level, and type of staff: 2007–08—Continued**  
 [Standard errors appear in parentheses]

Type of staff	Other religious orientation								Nonsectarian							
	Total		Elementary <sup>1</sup>		Secondary <sup>2</sup>		Combined <sup>3</sup>		Total		Elementary <sup>1</sup>		Secondary <sup>2</sup>		Combined <sup>3</sup>	
1	10		11		12		13		14		15		16		17	
Number of schools .....	13,950	(282)	7,170	(228)	960	(85)	5,820	(192)	6,860	(119)	3,240	(143)	1,010	(87)	2,620	(138)
Enrollment (in thousands) .....	1,976	(81)	710	(37)	129	(15)	1,138	(75)	965	(55)	295	(25)	101	(13)	568	(48)
Number of FTE staff																
<b>Total FTE staff .....</b>	<b>293,830</b>	<b>(10,433)</b>	<b>105,540</b>	<b>(4,977)</b>	<b>22,270</b>	<b>(2,241)</b>	<b>166,020</b>	<b>(10,154)</b>	<b>234,410</b>	<b>(10,902)</b>	<b>62,790</b>	<b>(4,761)</b>	<b>33,980</b>	<b>(4,014)</b>	<b>137,630</b>	<b>(9,797)</b>
Principals.....	14,860	(343)	6,000	(236)	1,080	(106)	7,780	(336)	7,840	(264)	3,310	(184)	1,040	(107)	3,500	(234)
Assistant principals.....	4,860	(300)	1,650	(150)	560	(88)	2,650	(238)	4,160	(272)	1,270	(168)	610	(116)	2,280	(194)
Other managers .....	8,940	(479)	3,040	(256)	860	(145)	5,050	(393)	9,990	(661)	3,010	(314)	1,120	(175)	5,850	(628)
Instruction coordinators.....	2,520	(237)	640	(100)	260	! (113)	1,610	(194)	3,190	(421)	950	(185)	490	(109)	1,760	(355)
Teachers.....	172,830	(6,093)	61,040	(2,838)	12,730	(1,389)	99,070	(5,822)	114,440	(5,551)	33,630	(2,610)	14,200	(1,498)	66,610	(5,111)
Teacher aides.....	15,280	(902)	7,260	(671)	240	! (79)	7,780	(778)	22,950	(2,039)	6,650	(959)	1,230	(327)	15,060	(1,839)
Other aides.....	3,050	(387)	1,530	(306)	‡	(†)	1,480	(222)	5,540	(1,295)	820	! (250)	560	! (206)	4,160	! (1,261)
Guidance counselors.....	3,380	(267)	420	(73)	600	(81)	2,360	(227)	3,200	(369)	280	(61)	670	(86)	2,260	(364)
Librarians/media specialists .....	4,280	(235)	1,530	(125)	360	(66)	2,380	(217)	2,950	(200)	910	(115)	380	(63)	1,660	(167)
Library/media center aides.....	1,550	(183)	570	(91)	70	! (22)	910	(156)	710	(108)	140	! (41)	100	! (48)	470	(85)
Nurses.....	2,230	(177)	780	(84)	230	(58)	1,220	(143)	2,970	(289)	380	(71)	760	(142)	1,830	(236)
Student support staff <sup>4</sup> .....	5,750	(633)	1,910	(245)	470	! (146)	3,360	(602)	12,670	(999)	2,320	(437)	2,720	(472)	7,630	(871)
Secretaries/clerical staff.....	19,530	(802)	6,870	(435)	1,760	(231)	10,910	(692)	14,530	(992)	3,520	(385)	2,250	(296)	8,760	(887)
Food service personnel.....	10,510	(727)	3,720	(298)	910	(171)	5,880	(653)	5,880	(606)	1,270	(209)	1,210	(321)	3,400	(483)
Custodial and maintenance.....	17,270	(1,073)	5,770	(355)	1,470	(225)	10,020	(1,002)	13,110	(1,009)	2,700	(337)	2,550	(429)	7,860	(919)
Other employees <sup>5</sup> .....	6,980	(950)	2,800	(601)	‡	(†)	3,540	(748)	10,280	(2,232)	1,640	(356)	4,090	! (1,918)	4,550	(1,049)
Students per FTE staff member																
<b>Total FTE staff .....</b>	<b>7</b>	<b>(0.1)</b>	<b>7</b>	<b>(0.2)</b>	<b>6</b>	<b>(0.4)</b>	<b>7</b>	<b>(0.2)</b>	<b>4</b>	<b>(0.1)</b>	<b>5</b>	<b>(0.2)</b>	<b>3</b>	<b>(0.3)</b>	<b>4</b>	<b>(0.2)</b>
Principals.....	133	(4.7)	118	(6.9)	119	(13.8)	146	(6.9)	123	(5.8)	89	(6.3)	98	(11.1)	162	(10.6)
Assistant principals.....	407	(22.3)	430	(28.8)	230	(47.6)	430	(30.3)	232	(15.6)	233	(28.9)	167	(30.1)	249	(21.1)
Other managers .....	221	(10.4)	234	(16.5)	150	(23.6)	225	(14.1)	97	(5.2)	98	(8.0)	90	(12.5)	97	(7.6)
Instruction coordinators.....	784	(72.1)	1,102	(175.4)	‡	(†)	705	(90.8)	302	(33.7)	310	(50.1)	209	(53.1)	324	(60.6)
Teachers.....	11	(0.2)	12	(0.3)	10	(0.7)	11	(0.2)	8	(0.2)	9	(0.3)	7	(0.5)	9	(0.2)
Teacher aides.....	129	(7.5)	98	(7.4)	‡	(†)	146	(12.8)	42	(4.4)	44	(6.5)	82	! (29.7)	38	(5.7)
Other aides.....	648	(83.3)	464	(103.6)	‡	(†)	767	(123.2)	174	(49.2)	361	! (139.0)	‡	(†)	137	! (60.7)
Guidance counselors.....	585	(39.0)	1,689	(247.6)	216	(18.5)	481	(38.8)	301	(28.0)	1,072	(297.2)	152	(20.3)	252	(30.2)
Librarians/media specialists .....	462	(18.7)	463	(25.3)	354	(50.3)	478	(30.0)	327	(15.3)	324	(36.0)	267	(29.4)	342	(17.1)
Library/media center aides.....	1,274	(145.0)	1,243	(207.8)	1,820	! (798.8)	1,251	(234.4)	1,363	(220.2)	2,172	! (876.5)	‡	(†)	1,216	(231.0)
Nurses.....	887	(64.5)	906	(90.6)	567	! (174.4)	933	(104.7)	325	(30.3)	775	(151.0)	134	(30.3)	310	(36.4)
Student support staff <sup>4</sup> .....	344	(39.1)	371	(48.7)	271	! (111.5)	338	(61.8)	76	(6.8)	127	(27.7)	37	(7.8)	74	(10.1)
Secretaries/clerical staff.....	101	(3.0)	103	(4.3)	73	(6.9)	104	(4.2)	66	(3.6)	84	(5.4)	45	(5.3)	65	(4.7)
Food service personnel.....	188	(12.0)	191	(15.9)	142	(32.0)	193	(17.8)	164	(15.1)	233	(34.9)	84	! (32.3)	167	(19.8)
Custodial and maintenance.....	114	(5.8)	123	(6.7)	87	(9.1)	113	(9.2)	74	(4.3)	109	(10.7)	40	(5.3)	72	(5.6)
Other employees <sup>5</sup> .....	283	(39.1)	254	(55.1)	‡	(†)	321	(84.4)	94	(20.6)	180	(44.9)	‡	(†)	125	(30.8)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>2</sup>Schools with no grade lower than 7.

<sup>3</sup>Schools with grades lower than 7 and higher than 8.

<sup>4</sup>Includes student support services professional staff, such as school psychologists, social workers, and speech therapists or pathologists.

<sup>5</sup>Includes other employees not identified by function.

NOTE: FTE staff consists of the total number of full-time staff, plus 48 percent of the part-time staff; this percentage was estimated based on the number of hours that part-time staff reported working. Data are based on a sample survey and may not be strictly comparable with data reported elsewhere. Excludes all prekindergarten students from calculations, but includes kindergarten students attending schools that offer first or higher grade. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Questionnaire," 2007–08. (This table was prepared October 2009.)

**Table 73. Enrollment and instructional staff in Catholic elementary and secondary schools, by level: Selected years, 1919–20 through 2011–12**

School year	Number of schools			Enrollment <sup>1</sup>				Instructional staff <sup>2</sup>		
	Total	Elementary <sup>3</sup>	Secondary	Total	Pre-kindergarten	Elementary	Secondary	Total	Elementary <sup>3</sup>	Secondary
1	2	3	4	5	6	7	8	9	10	11
1919–20.....	8,103	6,551	1,552	1,925,521	( <sup>4</sup> )	1,795,673	129,848	49,516	41,592	7,924
1929–30.....	10,046	7,923	2,123	2,464,467	( <sup>4</sup> )	2,222,598	241,869	72,552	58,245	14,307
1939–40.....	10,049	7,944	2,105	2,396,305	( <sup>4</sup> )	2,035,182	361,123	81,057	60,081	20,976
1949–50.....	10,778	8,589	2,189	3,066,387	( <sup>4</sup> )	2,560,815	505,572	94,295	66,525	27,770
Fall 1960.....	12,893	10,501	2,392	5,253,791	( <sup>4</sup> )	4,373,422	880,369	151,902	108,169	43,733
1969–70.....	11,352	9,366	1,986	4,367,000	( <sup>4</sup> )	3,359,000	1,008,000	195,400 <sup>5</sup>	133,200 <sup>5</sup>	62,200 <sup>5</sup>
1970–71.....	11,350	9,370	1,980	4,363,566	( <sup>4</sup> )	3,355,478	1,008,088	166,208	112,750	53,458
1974–75.....	10,127	8,437	1,690	3,504,000	( <sup>4</sup> )	2,602,000	902,000	150,179	100,011	50,168
1975–76.....	9,993	8,340	1,653	3,415,000	( <sup>4</sup> )	2,525,000	890,000	149,276	99,319	49,957
1979–80.....	9,640	8,100	1,540	3,139,000	( <sup>4</sup> )	2,293,000	846,000	147,294	97,724	49,570
1980–81.....	9,559	8,043	1,516	3,106,000	( <sup>4</sup> )	2,269,000	837,000	145,777	96,739	49,038
1981–82.....	9,494	7,996	1,498	3,094,000	( <sup>4</sup> )	2,266,000	828,000	146,172	96,847	49,325
1982–83.....	9,432	7,950	1,482	3,007,189	( <sup>4</sup> )	2,211,412	795,777	146,460	97,337	49,123
1983–84.....	9,401	7,937	1,464	2,969,000	( <sup>4</sup> )	2,179,000	790,000	146,913	98,591	48,322
1984–85.....	9,325	7,876	1,449	2,903,000	( <sup>4</sup> )	2,119,000	784,000	149,888	99,820	50,068
1985–86.....	9,220	7,790	1,430	2,821,000	( <sup>4</sup> )	2,061,000	760,000	146,594	96,741	49,853
1986–87.....	9,102	7,693	1,409	2,726,000	( <sup>4</sup> )	1,998,000	728,000	141,930	93,554	48,376
1987–88.....	8,992	7,601	1,391	2,690,668	67,637	1,942,148	680,883	139,887	93,199	46,688
1988–89.....	8,867	7,505	1,362	2,627,745	76,626	1,911,911	639,208	137,700	93,154	44,546
1989–90.....	8,719	7,395	1,324	2,588,893	90,023	1,892,913	605,957	136,900	94,197	42,703
1990–91.....	8,587	7,291	1,296	2,575,815	100,376	1,883,906	591,533	131,198	91,039	40,159
1991–92.....	8,508	7,239	1,269	2,550,863	107,939	1,856,302	586,622	153,334	109,084	44,250
1992–93.....	8,423	7,174	1,249	2,567,630	122,788	1,860,937	583,905	154,816	109,825	44,991
1993–94.....	8,345	7,114	1,231	2,576,845	132,236	1,859,947	584,662	157,201	112,199	45,002
1994–95.....	8,293	7,055	1,238	2,618,567	143,360	1,877,782	597,425	164,219	117,620	46,599
1995–96.....	8,250	7,022	1,228	2,635,210	144,099	1,884,461	606,650	166,759	118,753	48,006
1996–97.....	8,231	7,005	1,226	2,645,462	148,264	1,885,037	612,161	153,276	107,548	45,728
1997–98.....	8,223	7,004	1,219	2,648,859	150,965	1,879,737	618,157	152,259	105,717	46,542
1998–99.....	8,217	6,990	1,227	2,648,844	152,356	1,876,211	620,277	153,081	105,943	47,138
1999–2000.....	8,144	6,923	1,221	2,653,038	152,622	1,877,236	623,180	157,134	109,404	47,730
2000–01.....	8,146	6,920	1,226	2,647,301	155,742	1,863,682	627,877	160,731	111,937	48,794
2001–02.....	8,114	6,886	1,228	2,616,330	159,869	1,827,319	629,142	155,658	108,485	47,173
2002–03.....	8,000	6,785	1,215	2,553,277	157,250	1,765,893	630,134	163,004	112,884	50,120
2003–04.....	7,955	6,727	1,228	2,484,252	150,422	1,708,501	625,329	162,337	112,303	50,034
2004–05.....	7,799	6,574	1,225	2,420,590	150,905	1,642,868	626,817	160,153	107,764	52,389
2005–06.....	7,589	6,386	1,203	2,325,220	146,327	1,568,687	610,206	152,502 <sup>6</sup>	103,481 <sup>6</sup>	49,021 <sup>6</sup>
2006–07.....	7,498	6,288	1,210	2,320,651	152,429	1,544,695	623,527	159,135	107,682	51,453
2007–08.....	7,378	6,165	1,213	2,270,913	152,980	1,494,979	622,954	160,075	107,217	52,858
2008–09.....	7,248	6,028	1,220	2,192,531	153,325	1,434,949	604,257	157,615	105,518	52,097
2009–10.....	7,094	5,889	1,205	2,119,341	150,262	1,375,982	593,097	154,316	103,460	50,856
2010–11.....	6,980	5,774	1,206	2,065,872	152,846	1,336,560	576,466	151,473	102,365	49,108
2011–12.....	6,841	5,636	1,205	2,031,455	154,282	1,303,028	574,145	151,395	100,365	51,030

<sup>1</sup>Elementary enrollment is for kindergarten through grade 8, and secondary enrollment is for grades 9 through 12.

<sup>2</sup>From 1919–20 through fall 1960, includes part-time teachers. From 1969–70 through 1993–94, excludes part-time teachers. Beginning in 1994–95, reported in full-time equivalents (FTE). Prekindergarten teachers not counted separately but may be included with elementary teachers.

<sup>3</sup>Includes middle schools.

<sup>4</sup>Prekindergarten enrollment was not reported separately, but may be included in elementary enrollment.

<sup>5</sup>Includes estimates for the nonreporting schools.

<sup>6</sup>Excludes the Archdiocese of New Orleans.

NOTE: Data collected by the National Catholic Educational Association and data collected by the National Center for Education Statistics are not directly comparable because survey procedures and definitions differ.

SOURCE: National Catholic Educational Association, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967–68 to 1969–70; A Report on Catholic Schools, 1970–71 through 1973–74; A Statistical Report on U.S. Catholic Schools, 1974–75 through 1980–81; and United States Catholic Elementary and Secondary Schools, 1981–82 through 2011–12*, retrieved April 18, 2012, from <http://www.ncea.org/data-information/catholic-school-data>. (This table was prepared May 2012.)



**Table 74. Private elementary and secondary schools, enrollment, teachers, and high school graduates, by state: Selected years, 1999 through 2009**  
[Standard errors appear in parentheses]

State	Schools, fall 2009	Enrollment in prekindergarten through grade 12						Teachers, <sup>1</sup> fall 2009	High school graduates, 2008–09
		Fall 1999	Fall 2001	Fall 2003	Fall 2005	Fall 2007	Fall 2009		
1	2	3	4	5	6	7	8	9	10
<b>United States .....</b>	<b>33,370 (834)</b>	<b>6,018,280 (30,179)</b>	<b>6,319,650 (40,272)</b>	<b>6,099,220 (41,219)</b>	<b>6,073,240 (42,446)</b>	<b>5,910,210 (28,363)</b>	<b>5,488,490 (35,857)</b>	<b>437,410 (3,222)</b>	<b>308,810 (1,359)</b>
Alabama .....	580 (110)	81,040 (†)	92,380 (3,926)	99,580 (12,130)	92,280 (5,892)	83,840 (103)	95,570 (11,745)	8,780 (2,112)	5,280 (368)
Alaska .....	120 † (65)	6,980 (†)	7,420 (†)	7,370 (424)	7,500 (1,028)	4,990 (†)	7,510 † (2,740)	530 (108)	190 (†)
Arizona .....	360 (†)	58,740 (2,591)	78,660 (18,218)	75,360 (16,426)	66,840 (†)	64,910 (†)	55,390 (†)	3,910 (†)	2,760 (†)
Arkansas .....	220 (55)	29,400 (†)	32,570 (†)	31,300 (†)	35,390 (5,858)	40,120 (11,961)	28,900 (1,371)	2,390 (164)	1,330 (†)
California .....	3,640 (55)	724,010 (1,403)	757,750 (8,415)	740,460 (8,703)	737,490 (15,529)	703,810 (6,129)	623,150 (4,185)	45,740 (286)	35,250 (71)
Colorado .....	490 (85)	65,690 (†)	64,700 (†)	62,080 (476)	70,770 (1,160)	64,740 (†)	63,720 (3,486)	4,790 (110)	2,840 (99)
Connecticut .....	410 (15)	80,060 (391)	82,320 (†)	102,960 (25,024)	76,220 (1,619)	85,150 (9,241)	72,540 (464)	7,430 (60)	6,230 (†)
Delaware .....	140 (†)	26,940 (†)	31,690 (1,023)	33,020 (2,649)	29,830 (†)	32,520 (2,701)	26,640 (†)	2,060 (†)	1,850 (†)
District of Columbia .....	90 (†)	17,000 (†)	33,660 † (14,373)	23,510 (6,121)	19,880 (†)	19,640 (†)	17,810 (†)	1,890 (†)	1,340 (†)
Florida .....	1,960 (36)	349,180 (4,957)	365,890 (8,301)	398,720 (14,590)	396,790 (7,429)	391,660 (6,123)	343,990 (1,023)	26,580 (63)	18,220 (†)
Georgia .....	820 (75)	137,420 (9,460)	137,060 (4,550)	144,850 (6,527)	152,600 (10,394)	157,430 (9,185)	150,300 (6,251)	13,250 (420)	8,320 (108)
Hawaii .....	140 (†)	35,550 (746)	42,980 (220)	39,940 (†)	32,810 (†)	37,300 (290)	37,130 (†)	3,040 (†)	2,660 (†)
Idaho .....	200 † (63)	12,720 (†)	12,050 (†)	12,570 (†)	15,320 (2,518)	24,700 † (11,608)	18,680 (4,814)	1,360 (296)	550 (59)
Illinois .....	1,730 (105)	347,750 (700)	357,390 (19,293)	316,430 (1,698)	317,940 (4,263)	312,270 (6,638)	289,720 (9,237)	20,290 (927)	15,110 (251)
Indiana .....	910 (144)	121,960 (†)	129,240 (326)	124,500 (455)	139,370 (17,870)	119,910 (2,284)	120,770 (5,919)	8,420 (476)	5,230 (105)
Iowa .....	230 (†)	54,640 (844)	51,540 (†)	53,850 (4,634)	60,960 (8,311)	47,820 (†)	45,160 (†)	3,220 (†)	2,250 (†)
Kansas .....	260 (51)	56,840 (12,716)	51,540 (8,341)	47,710 (2,151)	47,130 (1,654)	47,780 (2,414)	44,680 (1,668)	3,370 (214)	2,170 (†)
Kentucky .....	360 (19)	89,300 (6,657)	85,230 (3,227)	82,100 (1,525)	78,880 (1,228)	76,140 (2,074)	70,590 (2,132)	5,280 (206)	3,940 (†)
Louisiana .....	460 (51)	148,020 (†)	159,910 (11,381)	155,780 (3,515)	138,270 (525)	137,460 (†)	147,040 (9,890)	10,060 (622)	8,140 (54)
Maine .....	160 (†)	19,820 (261)	20,820 (174)	24,740 (3,629)	20,680 (337)	21,260 (143)	18,310 (†)	1,890 (†)	2,360 (†)
Maryland .....	790 (14)	166,570 (1,030)	175,740 (†)	172,360 (†)	170,350 (4,201)	165,760 (1,160)	145,690 (160)	13,210 (21)	9,230 (†)
Massachusetts .....	830 (27)	154,060 (147)	177,490 (9,836)	164,390 (6,636)	157,770 (3,273)	151,640 (2,516)	137,110 (1,169)	14,920 (198)	10,630 (†)
Michigan .....	1,070 (200)	208,470 (4,965)	198,380 (†)	180,080 (†)	166,950 (407)	159,100 (2,047)	153,230 (5,828)	10,890 (386)	8,520 (†)
Minnesota .....	520 (†)	101,360 (†)	112,310 (2,993)	106,010 (3,011)	104,730 (3,467)	101,740 (3,903)	89,530 (†)	6,420 (†)	4,240 (†)
Mississippi .....	320 (69)	67,200 (14,096)	67,380 (10,106)	57,110 (2,981)	57,930 (4,104)	55,270 (†)	54,650 (2,458)	4,510 (226)	3,360 (61)
Missouri .....	690 (72)	131,750 (†)	138,140 (4,321)	141,530 (9,966)	137,810 (10,580)	125,610 (3,685)	117,970 (2,065)	9,030 (220)	7,040 (42)
Montana .....	150 † (52)	10,170 (487)	12,930 (1,895)	12,510 (2,091)	35,980 (22,655)	15,030 † (5,465)	10,390 (1,221)	880 (80)	370 (†)
Nebraska .....	220 (†)	44,560 (†)	45,590 (618)	41,650 (†)	42,420 (†)	40,320 (†)	39,040 (†)	2,660 (†)	2,000 (†)
Nevada .....	160 (†)	17,350 (†)	20,370 (385)	23,930 (†)	29,120 (†)	29,820 (2,009)	25,060 (†)	1,600 (†)	820 (†)
New Hampshire .....	290 (†)	36,480 (†)	38,650 (†)	33,780 (†)	33,220 (†)	30,920 (†)	26,470 (†)	2,610 (†)	2,460 (†)
New Jersey .....	1,380 (137)	237,540 (2,316)	282,450 (4,182)	269,530 (7,577)	256,160 (8,439)	253,250 (5,016)	232,020 (16,536)	19,020 (1,712)	14,350 (477)
New Mexico .....	190 (14)	28,570 (220)	26,510 (†)	29,310 (3,928)	25,030 (141)	27,290 (1,388)	23,730 (507)	2,020 (42)	1,390 (†)
New York .....	2,020 (33)	542,520 (4,368)	559,670 (1,669)	515,620 (4,071)	510,750 (3,596)	518,850 (7,196)	486,310 (5,211)	41,970 (476)	31,280 (357)
North Carolina .....	670 (54)	104,370 (1,403)	116,500 (4,112)	126,230 (11,439)	117,280 (11,681)	121,660 (2,226)	110,740 (1,851)	9,960 (192)	5,730 (24)
North Dakota .....	50 (†)	7,730 (†)	7,180 (†)	6,840 (†)	7,290 (†)	7,430 (†)	7,750 (†)	580 (†)	450 (†)
Ohio .....	1,760 † (783)	280,930 (1,730)	290,370 (7,180)	270,660 (7,094)	254,530 (9,821)	239,520 (2,741)	246,250 (24,214)	16,790 (1,661)	13,300 (35)
Oklahoma .....	250 (49)	45,660 (7,770)	46,570 (8,723)	34,300 (2,013)	35,350 (1,194)	40,320 (5,032)	34,000 (716)	2,940 (124)	1,530 (†)
Oregon .....	500 (56)	61,000 (5,195)	71,500 (15,519)	54,320 (†)	69,620 (14,139)	66,260 (5,188)	56,820 (3,502)	4,370 (480)	3,140 (141)
Pennsylvania .....	2,270 (21)	392,060 (6,679)	374,490 (†)	357,580 (3,364)	332,740 (3,918)	324,020 (6,253)	301,640 (5,036)	23,700 (527)	18,660 (1,133)
Rhode Island .....	160 (†)	29,570 (†)	30,970 (†)	31,960 (†)	30,600 (†)	28,260 (1,096)	24,940 (†)	2,300 (†)	1,820 (†)
South Carolina .....	400 (12)	86,810 (18,537)	70,950 (†)	73,800 (†)	70,240 (1,797)	71,430 (1,043)	62,320 (311)	5,060 (25)	3,070 (†)
South Dakota .....	70 (†)	10,120 (†)	11,740 (†)	11,980 (†)	12,700 (†)	12,280 (†)	11,470 (†)	850 (†)	520 (†)
Tennessee .....	520 (24)	104,150 (5,281)	98,790 (†)	93,390 (†)	105,240 (2,531)	117,540 (12,851)	98,310 (4,176)	8,580 (365)	6,220 (†)
Texas .....	1,850 (178)	277,770 (2,338)	314,210 (12,244)	271,380 (2,758)	304,170 (20,453)	296,540 (4,132)	313,360 (11,968)	25,660 (1,044)	12,900 (224)
Utah .....	180 (25)	15,900 (†)	20,040 (†)	19,990 (†)	21,220 (†)	20,860 (†)	21,990 (1,558)	1,850 (90)	1,270 (†)
Vermont .....	120 (†)	15,010 (1,829)	14,090 (†)	12,730 (†)	11,530 (†)	12,600 (232)	10,350 (†)	1,320 (†)	1,170 (†)
Virginia .....	920 (152)	116,110 (215)	129,470 (†)	131,160 (6,936)	155,220 (14,290)	143,140 (7,988)	128,140 (2,581)	11,360 (380)	6,510 (†)
Washington .....	660 (33)	88,080 (1,493)	91,150 (2,028)	101,130 (7,935)	119,640 (13,187)	104,070 (3,054)	94,340 (625)	6,960 (66)	4,450 (†)
West Virginia .....	140 (†)	16,370 (†)	16,560 (†)	15,300 (†)	16,120 (†)	14,980 (†)	13,860 (†)	1,280 (†)	740 (†)
Wisconsin .....	890 (†)	154,340 (1,581)	162,220 (9,080)	159,240 (11,743)	142,280 (137)	138,290 (1,597)	130,510 (†)	9,580 (†)	5,610 (†)
Wyoming .....	40 (†)	2,640 (†)	2,430 (†)	2,600 (†)	2,310 (†)	2,930 (†)	2,910 (†)	270 (†)	30 (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CVV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Reported in full-time equivalents (FTE). Excludes teachers who teach only prekindergarten students.

NOTE: Includes special education, vocational/technical education, and alternative schools. Tabulation includes schools that offer kindergarten or higher grade. Includes enrollment of

students in prekindergarten through grade 12 in schools that offer kindergarten or higher grade. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Universe Survey (PSS), 1999–2000 through 2009–10. (This table was prepared August 2011.)

**Table 75. Public elementary and secondary pupil/teacher ratios, by selected school characteristics: Fall 1990 through fall 2010**

Selected school characteristic	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>All schools .....</b>	<b>17.4</b>	<b>17.6</b>	<b>17.7</b>	<b>17.8</b>	<b>17.7</b>	<b>17.8</b>	<b>17.6</b>	<b>17.2</b>	<b>16.9</b>	<b>16.6</b>	<b>16.4</b>	<b>16.3</b>	<b>16.2</b>	<b>16.4</b>	<b>16.2</b>	<b>16.0</b>	<b>15.8</b>	<b>15.7</b>	<b>15.7</b>	<b>16.0</b>	<b>16.4</b>
Enrollment size of school																					
Under 300 .....	14.0	14.1	14.1	14.3	14.1	14.1	14.0	13.7	13.6	13.3	13.1	12.9	12.8	13.0	12.8	12.7	12.7	12.7	12.5	12.6	12.9
300 to 499 .....	17.0	17.1	17.0	17.3	17.2	17.1	16.9	16.5	16.2	15.8	15.5	15.4	15.3	15.5	15.2	15.0	14.9	15.0	14.8	15.2	15.4
500 to 999 .....	18.0	18.1	18.1	18.2	18.1	18.2	17.9	17.5	17.1	16.8	16.7	16.5	16.5	16.6	16.4	16.2	15.9	15.9	15.9	16.3	16.7
1,000 to 1,499 .....	17.9	18.2	18.6	18.5	18.6	18.7	18.5	18.1	17.7	17.6	17.4	17.4	17.4	17.6	17.3	16.9	16.7	16.5	16.5	16.8	17.3
1,500 or more .....	19.2	19.6	20.0	19.7	19.9	20.0	20.0	19.7	19.3	19.3	19.1	19.0	18.9	19.2	19.1	18.8	18.6	18.1	18.3	18.7	19.5
Type																					
Regular schools .....	17.6	17.7	17.8	17.9	17.8	17.9	17.7	17.3	17.0	16.7	16.5	16.4	16.3	16.5	16.3	16.1	15.9	15.8	15.8	16.1	16.5
Alternative .....	14.2	15.8	16.5	17.4	18.0	16.6	16.6	16.5	16.4	15.8	15.2	14.9	14.9	15.0	14.4	14.0	14.7	13.5	14.2	14.3	14.8
Special education .....	6.5	6.8	7.0	7.4	6.9	7.2	7.4	7.6	7.3	7.2	7.0	6.4	7.0	7.3	7.4	6.2	6.6	7.1	6.8	7.1	6.9
Vocational .....	13.0	12.3	13.0	13.1	12.9	12.7	12.9	12.9	13.1	13.0	12.7	12.7	9.9	10.3	11.5	12.0	13.3	11.3	10.7	10.2	11.7
Percent of students eligible for free or reduced-price lunch																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.8	16.4	16.4	16.3	16.1	16.5	16.9
26 percent to 50 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.2	16.1	15.8	15.7	15.7	16.1	16.5
51 percent to 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.9	15.6	15.3	15.2	15.4	15.8	16.2
More than 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.9	15.5	15.4	15.0	15.1	15.6	16.0
Level and size																					
Elementary schools .....	18.1	18.2	18.1	18.2	18.0	18.1	17.8	17.4	17.0	16.7	16.5	16.3	16.2	16.3	16.0	15.8	15.6	15.6	15.5	15.9	16.3
Regular .....	18.2	18.2	18.1	18.3	18.0	18.1	17.9	17.4	17.0	16.7	16.5	16.3	16.2	16.3	16.0	15.8	15.6	15.6	15.5	15.9	16.3
Under 300 .....	16.0	16.1	15.9	16.0	15.7	15.7	15.6	15.3	15.1	14.6	14.4	14.1	13.9	14.0	13.7	13.6	13.5	13.7	13.5	13.7	14.0
300 to 499 .....	17.6	17.6	17.5	17.7	17.5	17.5	17.2	16.8	16.4	16.1	15.8	15.6	15.5	15.6	15.3	15.2	15.1	15.2	15.0	15.4	15.6
500 to 999 .....	18.8	18.8	18.7	18.8	18.5	18.6	18.3	17.8	17.4	17.1	16.9	16.8	16.7	16.8	16.5	16.3	16.0	16.0	16.0	16.5	16.9
1,000 to 1,499 .....	19.5	19.6	19.7	19.7	19.6	19.7	19.4	18.8	18.4	18.3	18.1	18.0	18.0	18.1	17.7	17.2	17.0	16.7	16.8	17.2	17.8
1,500 or more .....	19.9	20.9	20.3	21.2	20.4	20.9	21.2	20.7	19.9	20.0	20.5	20.2	20.3	20.8	20.5	19.6	19.4	18.0	18.1	18.5	19.3
Secondary schools .....	16.6	16.9	17.3	17.3	17.5	17.6	17.5	17.3	17.0	16.8	16.6	16.6	16.7	16.9	16.8	16.6	16.4	16.3	16.2	16.4	16.8
Regular .....	16.7	17.0	17.4	17.4	17.6	17.7	17.6	17.4	17.1	16.9	16.7	16.7	16.8	17.0	16.9	16.8	16.6	16.4	16.3	16.6	16.9
Under 300 .....	12.3	12.3	12.3	12.6	12.7	12.8	12.7	12.5	12.5	12.0	12.0	11.9	12.0	12.3	12.0	12.2	12.0	12.1	11.9	11.9	12.2
300 to 499 .....	14.9	15.1	15.3	15.5	15.7	15.7	15.5	15.3	15.1	14.6	14.5	14.4	14.4	14.7	14.7	14.6	14.4	14.4	14.3	14.3	14.6
500 to 999 .....	16.1	16.4	16.7	16.7	16.8	16.9	16.7	16.4	16.2	16.0	15.8	15.7	15.8	16.0	15.9	15.8	15.6	15.4	15.4	15.6	15.8
1,000 to 1,499 .....	17.2	17.5	17.9	17.8	17.9	18.0	17.9	17.5	17.2	17.1	16.8	16.8	16.9	17.2	17.0	16.8	16.5	16.5	16.3	16.6	16.9
1,500 or more .....	19.3	19.6	20.0	19.6	19.9	20.0	20.0	19.7	19.3	19.2	18.9	18.8	18.8	19.0	19.0	18.8	18.5	18.2	18.2	18.6	19.3
Combined schools .....	14.5	15.0	14.8	15.3	15.1	15.0	14.7	14.4	13.4	13.4	13.7	13.4	13.5	13.8	13.9	14.1	14.7	13.4	13.9	14.0	15.4
Under 300 .....	8.9	9.3	9.3	9.6	9.3	9.0	8.7	8.6	8.9	9.1	9.2	9.1	9.1	9.5	9.2	9.5	10.1	9.2	8.9	9.1	9.2
300 to 499 .....	14.2	14.3	14.4	14.8	14.4	14.7	14.3	14.0	13.6	13.8	13.5	13.1	13.1	14.4	13.4	13.9	14.3	13.7	13.9	13.8	13.6
500 to 999 .....	16.3	16.7	15.6	16.5	16.6	16.6	16.6	16.2	15.5	14.9	15.8	15.6	16.0	15.4	15.8	15.9	16.0	15.2	15.6	15.8	16.9
1,000 to 1,499 .....	17.8	17.9	18.6	18.6	18.3	18.2	18.4	18.0	16.9	16.9	17.5	18.1	17.7	17.5	17.4	16.4	17.3	15.9	16.7	17.9	19.2
1,500 or more .....	17.7	18.6	18.9	18.8	19.5	19.6	19.3	19.3	18.7	19.2	18.6	18.9	19.1	19.2	18.7	20.0	20.3	18.0	21.7	21.7	25.7
Ungraded .....	6.4	6.5	6.9	7.1	6.7	6.9	5.9	6.2	5.9	5.3	7.0	6.3	6.8	9.6	8.0	7.7	7.2	7.3	5.5	8.5	5.3
Level, type, and percent of students eligible for free or reduced-price lunch																					
Elementary, regular																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.6	16.4	16.2	16.2	16.0	16.4	16.8
26 to 50 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.0	15.8	15.5	15.6	15.6	16.0	16.4
51 to 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	15.7	15.5	15.1	15.2	15.2	15.7	16.0
More than 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.0	15.6	15.4	15.1	15.2	15.8	16.1
Secondary, regular																					
25 percent or less .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	17.5	17.0	16.9	16.8	16.6	16.8	17.2
26 to 50 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.9	16.8	16.4	16.4	16.2	16.5	16.8
51 to 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.9	16.7	16.3	16.1	16.4	16.5	17.1
More than 75 percent .....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	16.2	16.7	16.2	15.7	15.9	16.0	16.5

—Not available.

<sup>1</sup>Includes imputations for California and Wyoming.

NOTE: Pupil/teacher ratios are based on data reported by types of schools rather than by instructional programs within schools. Only includes schools that reported both enrollment

and teacher data. Ratios are based on data reported by schools and may differ from data reported in other tables that reflect aggregate totals reported by states.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1990–91 through 2010–11. (This table was prepared November 2012.)

**Table 76. Public and private elementary and secondary teachers, enrollment, and pupil/teacher ratios: Selected years, fall 1955 through fall 2021**

Year	Teachers (in thousands)			Enrollment (in thousands)			Pupil/teacher ratio		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1955.....	1,286	1,141	145 <sup>1</sup>	35,280	30,680	4,600 <sup>1</sup>	27.4	26.9	31.7 <sup>1</sup>
1960.....	1,600	1,408	192 <sup>1</sup>	42,181	36,281	5,900 <sup>1</sup>	26.4	25.8	30.7 <sup>1</sup>
1965.....	1,933	1,710	223	48,473	42,173	6,300	25.1	24.7	28.3
1970.....	2,292	2,059	233	51,257	45,894	5,363	22.4	22.3	23.0
1971.....	2,293	2,063	230 <sup>1</sup>	51,271	46,071	5,200 <sup>1</sup>	22.4	22.3	22.6 <sup>1</sup>
1972.....	2,337	2,106	231 <sup>1</sup>	50,726	45,726	5,000 <sup>1</sup>	21.7	21.7	21.6 <sup>1</sup>
1973.....	2,372	2,136	236 <sup>1</sup>	50,445	45,445	5,000 <sup>1</sup>	21.3	21.3	21.2 <sup>1</sup>
1974.....	2,410	2,165	245 <sup>1</sup>	50,073	45,073	5,000 <sup>1</sup>	20.8	20.8	20.4 <sup>1</sup>
1975.....	2,453	2,198	255 <sup>1</sup>	49,819	44,819	5,000 <sup>1</sup>	20.3	20.4	19.6 <sup>1</sup>
1976.....	2,457	2,189	268	49,478	44,311	5,167	20.1	20.2	19.3
1977.....	2,488	2,209	279	48,717	43,577	5,140	19.6	19.7	18.4
1978.....	2,479	2,207	272	47,637	42,551	5,086	19.2	19.3	18.7
1979.....	2,461	2,185	276 <sup>1</sup>	46,651	41,651	5,000 <sup>1</sup>	19.0	19.1	18.1 <sup>1</sup>
1980.....	2,485	2,184	301	46,208	40,877	5,331	18.6	18.7	17.7
1981.....	2,440	2,127	313 <sup>1</sup>	45,544	40,044	5,500 <sup>1</sup>	18.7	18.8	17.6 <sup>1</sup>
1982.....	2,458	2,133	325 <sup>1</sup>	45,166	39,566	5,600 <sup>1</sup>	18.4	18.6	17.2 <sup>1</sup>
1983.....	2,476	2,139	337	44,967	39,252	5,715	18.2	18.4	17.0
1984.....	2,508	2,168	340 <sup>1</sup>	44,908	39,208	5,700 <sup>1</sup>	17.9	18.1	16.8 <sup>1</sup>
1985.....	2,549	2,206	343	44,979	39,422	5,557	17.6	17.9	16.2
1986.....	2,592	2,244	348 <sup>1</sup>	45,205	39,753	5,452 <sup>1</sup>	17.4	17.7	15.7 <sup>1</sup>
1987.....	2,631	2,279	352	45,488	40,008	5,479	17.3	17.6	15.6
1988.....	2,668	2,323	345	45,430	40,189	5,242 <sup>1</sup>	17.0	17.3	15.2 <sup>1</sup>
1989.....	2,713	2,357	356	46,141	40,543	5,599	17.0	17.2	15.7
1990.....	2,759	2,398	361 <sup>1</sup>	46,864	41,217	5,648 <sup>1</sup>	17.0	17.2	15.6 <sup>1</sup>
1991.....	2,797	2,432	365	47,728	42,047	5,681	17.1	17.3	15.6
1992.....	2,823	2,459	364 <sup>1</sup>	48,694	42,823	5,870 <sup>1</sup>	17.2	17.4	16.1 <sup>1</sup>
1993.....	2,868	2,504	364	49,532	43,465	6,067	17.3	17.4	16.7
1994.....	2,922	2,552	370 <sup>1</sup>	50,106	44,111	5,994 <sup>1</sup>	17.1	17.3	16.2 <sup>1</sup>
1995.....	2,974	2,598	376	50,759	44,840	5,918	17.1	17.3	15.7
1996.....	3,051	2,667	384 <sup>1</sup>	51,544	45,611	5,933 <sup>1</sup>	16.9	17.1	15.5 <sup>1</sup>
1997.....	3,138	2,746	391	52,071	46,127	5,944	16.6	16.8	15.2
1998.....	3,230	2,830	400 <sup>1</sup>	52,526	46,539	5,988 <sup>1</sup>	16.3	16.4	15.0 <sup>1</sup>
1999.....	3,319	2,911	408	52,875	46,857	6,018	15.9	16.1	14.7
2000.....	3,366	2,941	424 <sup>1</sup>	53,373	47,204	6,169 <sup>1</sup>	15.9	16.0	14.5 <sup>1</sup>
2001.....	3,440	3,000	441	53,992	47,672	6,320	15.7	15.9	14.3
2002.....	3,476	3,034	442 <sup>1</sup>	54,403	48,183	6,220 <sup>1</sup>	15.7	15.9	14.1 <sup>1</sup>
2003.....	3,490	3,049	441	54,639	48,540	6,099	15.7	15.9	13.8
2004.....	3,538	3,091	447 <sup>1</sup>	54,882	48,795	6,087 <sup>1</sup>	15.5	15.8	13.6 <sup>1</sup>
2005.....	3,593	3,143	450	55,187	49,113	6,073	15.4	15.6	13.5
2006.....	3,622	3,166	456 <sup>1</sup>	55,307	49,316	5,991 <sup>1</sup>	15.3	15.6	13.2 <sup>1</sup>
2007.....	3,634	3,178	456	55,203	49,293	5,910	15.2	15.5	13.0
2008.....	3,670	3,222	448 <sup>1</sup>	54,973	49,266	5,707 <sup>1</sup>	15.0	15.3	12.8 <sup>1</sup>
2009.....	3,647	3,210	437	54,849	49,361	5,488	15.0	15.4	12.5
2010.....	3,542	3,099	443 <sup>1</sup>	54,876	49,484	5,391 <sup>1</sup>	15.5	16.0	12.2 <sup>1</sup>
2011 <sup>2</sup> .....	3,679	3,246	432	54,956	49,636	5,320	14.9	15.3	12.3
2012 <sup>2</sup> .....	3,711	3,283	428	55,091	49,828	5,263	14.8	15.2	12.3
2013 <sup>2</sup> .....	3,738	3,312	426	55,288	50,067	5,221	14.8	15.1	12.3
2014 <sup>2</sup> .....	3,782	3,357	425	55,599	50,407	5,192	14.7	15.0	12.2
2015 <sup>2</sup> .....	3,830	3,403	427	55,957	50,773	5,183	14.6	14.9	12.1
2016 <sup>2</sup> .....	3,881	3,451	430	56,330	51,146	5,185	14.5	14.8	12.1
2017 <sup>2</sup> .....	3,935	3,500	434	56,722	51,524	5,198	14.4	14.7	12.0
2018 <sup>2</sup> .....	3,988	3,549	439	57,098	51,880	5,218	14.3	14.6	11.9
2019 <sup>2</sup> .....	4,045	3,601	444	57,507	52,260	5,247	14.2	14.5	11.8
2020 <sup>2</sup> .....	4,102	3,651	451	57,975	52,688	5,287	14.1	14.4	11.7
2021 <sup>2</sup> .....	4,151	3,694	457	58,444	53,113	5,331	14.1	14.4	11.7

<sup>1</sup>Estimated.

<sup>2</sup>Projected.

NOTE: Data for teachers are expressed in full-time equivalents (FTE). Counts of private school teachers and enrollment include prekindergarten through grade 12 in schools offering kindergarten or higher grades. Counts of public school teachers and enrollment include prekindergarten through grade 12. The pupil/teacher ratio includes teachers for students with disabilities and other special teachers, while these teachers are generally excluded from class size calculations. Ratios for public schools reflect totals reported by states and

differ from totals reported for schools or school districts. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1955–56 through 1980–81*; Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1981–82 through 2010–11; Private School Universe Survey (PSS), 1989–90 through 2009–10; *Projections of Education Statistics to 2021*; and unpublished data. (This table was prepared May 2012.)

**Table 77. Public elementary and secondary teachers, by level and state or jurisdiction: Selected years, fall 2000 through fall 2010**

State or jurisdiction	Fall 2000	Fall 2005	Fall 2007	Fall 2008	Fall 2009				Fall 2010			
					Total	Elementary	Secondary	Ungraded	Total	Elementary	Secondary	Ungraded
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>2,941,461<sup>1</sup></b>	<b>3,143,003<sup>1</sup></b>	<b>3,178,142<sup>1</sup></b>	<b>3,222,154<sup>1</sup></b>	<b>3,209,672<sup>1</sup></b>	<b>1,774,295<sup>1</sup></b>	<b>1,231,434</b>	<b>203,943</b>	<b>3,099,095<sup>1</sup></b>	<b>1,708,057<sup>1</sup></b>	<b>1,199,589</b>	<b>191,449</b>
Alabama .....	48,194 <sup>2</sup>	57,757	50,420	47,818	47,492	27,075	20,417	0	49,363	28,057	21,306	0
Alaska .....	7,880	7,912	7,613	7,927	8,083	4,264	3,819	0	8,171	5,340	2,830	0
Arizona .....	44,438	51,376	54,032	54,696	51,947	37,008	14,939	0	50,031	35,188	14,843	0
Arkansas .....	31,947	32,997	33,882	37,162	37,240	19,705	14,577	2,958	34,273	17,701	14,077	2,496
California .....	298,021 <sup>2</sup>	309,222 <sup>2</sup>	305,230 <sup>2</sup>	303,647 <sup>2</sup>	316,299 <sup>2</sup>	222,683 <sup>2</sup>	93,616	0	260,806 <sup>2</sup>	176,602 <sup>2</sup>	84,199	5
Colorado .....	41,983	45,841	47,761	48,692	49,060	28,071	20,989	0	48,543	27,971	20,572	0
Connecticut .....	41,044	39,687	39,304	48,463	43,593	28,303	14,236	1,054	42,951	27,890	14,030	1,032
Delaware .....	7,469	7,998	8,198	8,322	8,640	4,262	4,378	0	8,933	4,457	4,476	0
District of Columbia .....	4,949	5,481 <sup>3</sup>	6,347	5,321	5,854	3,452	2,124	278	5,925	3,395	2,049	481
Florida .....	132,030	158,962	168,737	186,361	183,827	74,156	65,821	43,851	175,609	76,415	66,619	32,575
Georgia .....	91,043	108,535	116,857	118,839	115,918	70,513	45,344	61	112,460	68,631	43,775	54
Hawaii .....	10,927	11,226	11,397	11,295	11,472	6,242	5,175	55	11,396	6,191	5,127	78
Idaho .....	13,714	14,521	15,013	15,148	15,201	8,024	7,177	0	15,673	7,486	8,186	0
Illinois .....	127,620	133,857	136,571	135,704	138,483	93,414	45,062	8	132,983	90,610	42,373	0
Indiana .....	59,226	60,592	62,334	62,668	62,258	33,685	28,171	402	58,121 <sup>2</sup>	32,216 <sup>2</sup>	25,843	62
Iowa .....	34,636	35,181	36,089	35,961	35,842	19,793	16,049	0	34,642	24,039	10,604	0
Kansas .....	32,742	33,608	35,359	35,883	34,700	17,017	16,816	867	34,644	16,985	16,792	867
Kentucky .....	39,589	42,413	43,536	43,451	41,981	21,272	9,822	10,887	42,042	21,394	9,883	10,765
Louisiana .....	49,915	44,660	48,610	49,377	49,646	34,292	15,355	0	48,655	33,195	15,460	0
Maine .....	16,559	16,684	16,558	15,912	16,331	11,178	5,154	0	15,384	10,596	4,788	0
Maryland .....	52,433	56,685	59,320	58,940	58,463	34,336	24,127	0	58,428	34,424	24,004	0
Massachusetts .....	67,432	73,596	70,719	70,398	69,909	46,235	23,674	0	68,754	45,441	23,313	0
Michigan .....	97,031	98,069	96,204	94,754	92,691	36,937	36,706	19,047	88,615	35,735	34,850	18,030
Minnesota .....	53,457	51,107	52,975	53,083	52,839	27,459	23,884	1,496	52,672	27,629	23,577	1,466
Mississippi .....	31,006	31,433	33,560	33,358	33,103	15,755	13,270	4,078	32,255	15,215	12,891	4,149
Missouri .....	64,735	67,076	68,430	68,015	67,796	34,931	32,865	0	66,735	34,305	32,430	0
Montana .....	10,411	10,369	10,519	10,467	10,521	7,133	3,388	0	10,361	7,054	3,307	0
Nebraska .....	20,983	21,359	21,930	22,057	22,256	13,774	8,482	0	22,345	13,839	8,506	0
Nevada .....	18,293	21,744	23,423	21,993	22,104	11,179	7,982	2,942	21,839	10,842	8,041	2,956
New Hampshire .....	14,341	15,536	15,484	15,661	15,491	10,531	4,960	0	15,365	10,402	4,963	0
New Jersey .....	99,061	112,673	111,500	114,713	115,248	62,091	40,615	12,542	110,202	59,333	38,278	12,591
New Mexico .....	21,042	22,021	22,300	22,825	22,724	9,976	8,657	4,090	22,437	9,832	8,563	4,043
New York .....	206,961	218,989	211,854	217,944	214,804	103,684	72,408	38,712	211,606	101,708	69,357	40,541
North Carolina .....	83,680	95,664	106,562	109,634	105,036 <sup>4</sup>	55,591 <sup>4</sup>	47,923	1,522	98,357	49,681	47,549	1,128
North Dakota .....	8,141	8,003	8,068	8,181	8,366	5,242	3,123	0	8,417	5,431	2,986	0
Ohio .....	118,361	117,982	109,766	112,845	111,378	54,398	53,016	3,963	109,282	53,650	51,887	3,745
Oklahoma .....	41,318	41,833	46,735	46,571	42,615	22,884	19,731	0	41,278	22,292	18,986	0
Oregon .....	28,094	28,346	30,013	30,152	28,768	20,155	8,613	0	28,109	19,717	8,392	0
Pennsylvania .....	116,963	122,397	135,234	129,708	130,984	61,921	59,973	9,089	129,911	61,575	58,513	9,824
Rhode Island .....	10,645	14,180 <sup>2</sup>	11,271	11,316	11,366	5,444	5,922	0	11,212	5,294	5,918	0
South Carolina .....	45,380	48,212	47,382	49,941	46,980	32,922	14,058	0	45,210	31,715	13,495	0
South Dakota .....	9,397	9,129	9,416	9,244	9,326	5,877	2,566	884	9,512	6,056	2,573	883
Tennessee .....	57,164	59,596	64,659	64,926	65,361	44,584	18,946	1,832	66,558	45,093	19,315	2,151
Texas .....	274,826	302,425	321,929	327,905	333,164	166,632	131,239	35,292	334,997	167,161	133,218	34,618
Utah .....	22,008	22,993	24,336	23,657	25,615	12,854	9,981	0	25,677	12,859	10,132	2,686
Vermont .....	8,414	8,851	8,749	8,766	8,734	3,352	3,563	1,819	8,382	3,315	3,306	1,761
Virginia .....	86,977 <sup>2</sup>	103,944	71,861	71,415	70,827	35,179	35,649	0	70,947	34,169	36,779	0
Washington .....	51,098	53,508	53,960	54,428	53,448	27,306	22,852	3,290	53,934	28,128	23,490	2,317
West Virginia .....	20,930	19,940	20,306	20,209	20,299	9,474	10,825	0	20,338	9,509	10,830	0
Wisconsin .....	60,165	60,127	58,914	59,401	58,426	28,319	29,962	145	57,625	28,529	28,949	148
Wyoming .....	6,783	6,706	6,915	7,000	7,166	3,734	3,431	0	7,127	3,767	3,360	0
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	5,105	5,726	4,147	4,551	—	—	—	—	—	—	—	—
DoD, domestic .....	2,399	2,033	2,243	2,145	—	—	—	—	—	—	—	—
Other jurisdictions												
American Samoa .....	820	989	—	—	—	—	—	—	—	—	—	—
Guam .....	1,975	1,804	—	—	—	—	—	—	1,843	911	932	0
Northern Marianas .....	526	614	550	514	552	295	254	3	607	338	266	3
Puerto Rico .....	37,620	42,036	40,826	39,356	39,102	18,303	15,295	5,504	36,506	16,865	14,151	5,490
U.S. Virgin Islands .....	1,511	1,434	1,518	1,331	1,425	602	463	360	1,457	617	471	369

—Not available.

<sup>1</sup>Includes imputed values for states.

<sup>2</sup>Includes imputations for underreporting of prekindergarten teachers.

<sup>3</sup>Imputed.

<sup>4</sup>Includes imputations for underreporting of kindergarten teachers.

NOTE: Distribution of elementary and secondary teachers determined by reporting units. Teachers reported in full-time equivalents (FTE). DoD = Department of Defense. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01 through 2010–11. (This table was prepared May 2012.)





**Table 80. Number, highest degree, and years of full-time teaching experience of teachers in public and private elementary and secondary schools, by selected teacher characteristics: 1999–2000, 2003–04, and 2007–08**

[Standard error appears in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)			Percent of teachers, by highest degree earned, 2007–08					Percent of teachers, by years of full-time teaching experience, 2007–08				
	1999–2000	2003–04	2007–08	Less than bachelor's	Bachelor's	Master's	Education specialist <sup>†</sup>	Doctor's	Less than 3	3 to 9	10 to 20	Over 20	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>Public schools</b>													
<b>Total</b> .....	<b>3,002 (19.4)</b>	<b>3,251 (29.2)</b>	<b>3,405 (44.0)</b>	<b>0.8 (0.06)</b>	<b>47.4 (0.59)</b>	<b>44.5 (0.55)</b>	<b>6.4 (0.25)</b>	<b>0.9 (0.08)</b>	<b>13.4 (0.59)</b>	<b>33.6 (0.52)</b>	<b>29.3 (0.55)</b>	<b>23.7 (0.60)</b>	
<b>Sex</b>													
Males.....	754 (10.7)	813 (13.3)	821 (20.4)	2.0 (0.17)	47.0 (1.05)	43.9 (1.04)	5.5 (0.40)	1.6 (0.22)	13.6 (0.87)	33.2 (0.85)	28.5 (0.90)	24.7 (0.88)	
Females.....	2,248 (16.0)	2,438 (23.5)	2,584 (34.6)	0.4 (0.05)	47.5 (0.65)	44.8 (0.63)	6.7 (0.29)	0.7 (0.08)	13.4 (0.57)	33.7 (0.59)	29.5 (0.62)	23.4 (0.68)	
<b>Race/ethnicity</b>													
White.....	2,532 (17.2) <sup>2</sup>	2,702 (30.1)	2,829 (38.7)	0.7 (0.05)	46.8 (0.66)	45.7 (0.64)	6.0 (0.23)	0.8 (0.09)	13.0 (0.61)	32.6 (0.55)	29.7 (0.55)	24.8 (0.64)	
Black.....	228 (6.0) <sup>2</sup>	257 (11.0)	239 (15.8)	1.0 (0.22)	47.0 (2.04)	41.4 (2.12)	8.7 (1.02)	2.0 (0.45)	13.1 (1.32)	38.0 (1.90)	27.0 (1.88)	22.0 (1.85)	
Hispanic.....	169 (6.4) <sup>2</sup>	202 (11.3)	240 (16.6)	0.9 (0.27)	56.3 (2.60)	34.1 (2.42)	7.7 (1.38)	1.1 ! (0.34)	18.0 (1.82)	39.0 (2.78)	28.3 (2.42)	14.7 (1.80)	
Asian.....	48 (2.7) <sup>3</sup>	42 (2.5)	42 (7.2)	‡ (†)	37.7 (5.05)	47.1 (4.62)	10.5 (2.19)	1.5 ! (0.71)	16.2 (3.46)	41.8 (4.79)	25.6 (3.72)	16.4 (3.13)	
Pacific Islander.....	— (†)	6 (0.8)	6 (1.3)	‡ (†)	51.7 (9.88)	39.1 (9.95)	‡ (†)	‡ (†)	15.3 ! (6.70)	48.3 (11.55)	19.9 ! (9.22)	16.5 ! (7.21)	
American Indian/Alaska Native.....	26 (1.9) <sup>2</sup>	17 (1.2)	17 (1.9)	1.8 ! (0.73)	56.2 (4.63)	34.1 (4.41)	4.7 ! (1.76)	‡ (†)	11.8 (2.86)	29.7 (5.11)	33.6 (4.66)	24.9 (4.29)	
Two or more races.....	— (†)	24 (2.2)	31 (2.9)	‡ (†)	37.1 (4.67)	52.7 (4.73)	8.9 (2.51)	‡ (†)	21.0 (3.95)	36.6 (4.16)	20.0 (4.00)	22.4 (3.95)	
<b>Age</b>													
Under 30.....	509 (9.2)	540 (27.4)	612 (22.4)	0.3 (0.07)	70.1 (1.25)	28.0 (1.22)	1.5 (0.25)	‡ (†)	44.1 (1.65)	55.9 (1.65)	‡ (†)	‡ (†)	
30 to 39.....	661 (9.8)	798 (14.5)	898 (16.8)	0.7 (0.15)	46.8 (0.98)	46.1 (1.03)	6.0 (0.50)	0.4 (0.10)	10.3 (0.70)	53.5 (0.91)	36.3 (0.90)	‡ (†)	
40 to 49.....	953 (10.3)	840 (14.3)	808 (19.2)	1.1 (0.14)	43.7 (1.22)	47.3 (1.15)	7.3 (0.61)	0.7 (0.12)	7.4 (0.57)	25.1 (0.88)	45.2 (1.28)	22.3 (1.09)	
50 to 59.....	786 (12.6)	942 (26.0)	879 (21.1)	0.9 (0.14)	38.4 (1.06)	50.4 (0.97)	8.7 (0.55)	1.5 (0.25)	3.4 (0.32)	11.4 (0.63)	29.5 (1.09)	55.7 (1.05)	
60 and over.....	93 (4.0)	131 (4.8)	207 (10.3)	1.1 (0.20)	35.0 (1.96)	51.1 (1.99)	9.6 (1.16)	3.2 (0.62)	2.9 (0.51)	8.5 (0.98)	22.4 (1.68)	66.2 (2.29)	
<b>Level</b>													
Elementary.....	1,602 (13.5)	1,716 (25.8)	1,725 (37.1)	0.3 (0.07)	49.0 (0.89)	43.9 (0.79)	6.4 (0.39)	0.5 (0.11)	13.3 (0.87)	32.7 (0.83)	29.9 (0.81)	24.1 (0.99)	
General.....	1,019 (13.6)	1,130 (29.8)	1,100 (26.5)	0.2 ! (0.06)	51.8 (1.08)	42.1 (1.05)	5.5 (0.54)	0.4 (0.12)	13.4 (0.84)	33.3 (0.97)	30.0 (0.92)	23.3 (1.05)	
Arts/music.....	[ <sup>4</sup> ] (†)	101 (5.3)	103 (6.6)	‡ (†)	48.5 (3.68)	43.9 (3.47)	6.5 (1.84)	‡ (†)	14.0 (2.79)	30.8 (3.08)	29.5 (3.64)	25.8 (3.28)	
English.....	33 (2.8)	70 (5.1)	104 (9.9)	‡ (†)	42.9 (4.56)	45.3 (4.25)	10.6 (1.99)	‡ (†)	8.9 (1.99)	27.9 (3.28)	30.5 (3.40)	32.6 (4.00)	
ESL/bilingual.....	[ <sup>4</sup> ] (†)	25 (3.6)	24 (3.3)	‡ (†)	35.5 (7.63)	44.7 (7.09)	19.1 ! (5.84)	‡ (†)	19.1 (5.58)	29.7 (5.67)	34.3 (5.83)	16.8 (4.70)	
Health/physical ed.....	[ <sup>4</sup> ] (†)	73 (5.0)	63 (6.0)	‡ (†)	54.3 (3.91)	40.5 (3.72)	4.5 ! (1.69)	‡ (†)	15.9 (3.15)	30.6 (3.95)	28.0 (3.86)	25.4 (3.21)	
Mathematics.....	26 (2.5)	19 (2.3)	28 (3.8)	‡ (†)	49.1 (9.51)	44.4 (9.09)	4.3 ! (2.11)	‡ (†)	14.5 ! (5.40)	23.9 (5.65)	26.6 (7.04)	34.9 (8.28)	
Science.....	[ <sup>4</sup> ] (†)	19 (3.0)	15 (3.4)	‡ (†)	58.0 (9.34)	34.0 (7.93)	‡ (†)	‡ (†)	13.1 ! (6.10)	31.4 (8.13)	28.2 (7.40)	27.4 ! (11.59)	
Special education.....	210 (5.8)	240 (20.6)	230 (13.0)	‡ (†)	42.1 (2.17)	51.1 (2.23)	5.9 (0.79)	0.7 ! (0.32)	12.4 (1.74)	36.4 (2.31)	29.0 (1.83)	22.2 (1.99)	
Other elementary.....	314 (8.4)	40 (3.5)	58 (4.2)	‡ (†)	32.1 (3.71)	52.6 (3.69)	14.3 (3.38)	‡ (†)	16.6 (3.28)	25.4 (3.67)	33.1 (4.75)	24.9 (3.57)	
Secondary.....	1,401 (17.7)	1,534 (26.0)	1,680 (39.0)	1.3 (0.10)	45.7 (0.74)	45.2 (0.73)	6.5 (0.29)	1.3 (0.12)	13.6 (0.46)	34.5 (0.57)	28.6 (0.59)	23.3 (0.53)	
Arts/music.....	[ <sup>5</sup> ] (†)	112 (4.1)	121 (6.2)	‡ (†)	48.7 (2.08)	46.1 (2.14)	3.8 (0.81)	1.0 ! (0.42)	14.4 (1.86)	27.3 (2.07)	28.0 (2.01)	30.3 (2.16)	
English.....	235 (5.0)	269 (9.0)	306 (10.0)	0.2 ! (0.06)	46.7 (1.64)	45.0 (1.50)	7.1 (0.68)	1.1 (0.23)	14.0 (1.05)	37.0 (1.60)	26.1 (1.28)	23.0 (1.04)	
ESL/bilingual.....	[ <sup>5</sup> ] (†)	18 (2.5)	21 (2.5)	‡ (†)	38.3 (5.62)	52.2 (5.89)	7.1 ! (2.62)	‡ (†)	13.8 (3.33)	38.7 (5.95)	30.4 (5.39)	17.1 ! (5.67)	
Foreign language.....	[ <sup>5</sup> ] (†)	73 (3.3)	78 (5.0)	0.6 ! (0.28)	45.7 (2.86)	45.2 (2.93)	6.9 (1.04)	1.6 ! (0.56)	14.3 (1.59)	36.6 (2.17)	27.1 (2.53)	21.9 (1.89)	
Health/physical ed.....	[ <sup>5</sup> ] (†)	102 (4.3)	119 (5.7)	0.5 ! (0.25)	57.5 (1.93)	37.2 (1.91)	4.7 (0.91)	‡ (†)	10.6 (1.32)	34.1 (2.93)	29.5 (2.19)	25.9 (2.18)	
Mathematics.....	191 (4.3)	213 (5.5)	252 (9.1)	‡ (†)	46.6 (1.59)	46.6 (1.59)	5.6 (0.77)	1.1 (0.31)	13.9 (1.17)	36.4 (1.56)	29.5 (1.48)	20.2 (1.27)	
Science.....	159 (3.7)	189 (6.8)	195 (8.3)	0.4 ! (0.17)	42.7 (1.78)	49.3 (1.61)	5.5 (0.65)	2.1 (0.43)	14.9 (1.34)	33.2 (1.44)	30.9 (1.55)	21.1 (1.20)	
Social studies.....	147 (4.3)	178 (5.7)	209 (9.9)	0.6 ! (0.22)	45.6 (1.86)	45.4 (1.84)	6.6 (1.10)	1.8 (0.41)	12.9 (0.97)	37.3 (1.74)	29.9 (1.51)	19.8 (1.38)	
Special education.....	99 (2.3)	174 (7.5)	165 (9.7)	‡ (†)	39.5 (1.95)	49.3 (1.83)	9.9 (1.15)	‡ (†)	12.8 (1.81)	34.2 (1.68)	27.4 (1.85)	25.6 (1.88)	
Vocational/technical.....	125 (3.2)	169 (5.7)	164 (6.3)	8.9 (0.72)	45.2 (1.43)	38.9 (1.45)	5.8 (0.71)	1.1 ! (0.39)	14.5 (1.30)	29.7 (1.38)	28.5 (1.42)	27.3 (1.38)	
Other secondary.....	443 (8.5)	36 (2.1)	47 (3.4)	6.1 (1.00)	36.5 (3.24)	45.5 (3.71)	10.5 (2.04)	1.4 ! (0.52)	10.2 (1.66)	32.5 (3.30)	31.4 (2.56)	25.9 (2.47)	

See notes at end of table.

**Table 80. Number, highest degree, and years of full-time teaching experience of teachers in public and private elementary and secondary schools, by selected teacher characteristics: 1999–2000, 2003–04, and 2007–08—Continued**

[Standard error appears in parentheses]

Selected teacher characteristic	Number of teachers (in thousands)			Percent of teachers, by highest degree earned, 2007–08						Percent of teachers, by years of full-time teaching experience, 2007–08			
	1999–2000	2003–04	2007–08	Less than bachelor's	Bachelor's	Master's	Education specialist <sup>1</sup>	Doctor's		Less than 3	3 to 9	10 to 20	Over 20
1	2	3	4	5	6	7	8	9		10	11	12	13
<b>Private schools</b>													
Total.....	449 (10.6)	467 (10.3)	490 (9.2)	8.1 (0.58)	53.9 (0.95)	32.8 (0.84)	2.8 (0.25)	2.4 (0.38)		23.6 (0.99)	31.0 (0.82)	24.6 (0.86)	20.8 (0.75)
Sex													
Males.....	107 (3.8)	110 (8.4)	127 (4.6)	7.1 (1.40)	45.7 (2.07)	37.6 (2.11)	4.2 (0.67)	5.4 (1.22)		24.1 (2.15)	29.5 (1.61)	23.5 (1.70)	22.9 (1.57)
Females.....	342 (7.7)	357 (14.3)	362 (7.7)	8.5 (0.60)	56.8 (1.09)	31.1 (0.85)	2.4 (0.28)	1.3 (0.27)		23.5 (0.86)	31.6 (0.95)	25.0 (0.88)	20.0 (0.84)
Race/ethnicity													
White.....	402 (9.6) <sup>2</sup>	411 (12.0)	423 (8.8)	7.1 (0.73)	53.5 (1.15)	34.2 (0.95)	2.9 (0.29)	2.4 (0.41)		22.5 (0.97)	30.6 (0.85)	24.5 (0.89)	22.4 (0.82)
Black.....	17 (1.4) <sup>2</sup>	19 (2.9)	20 (2.2)	20.1 (3.60)	55.3 (4.05)	22.2 (3.56)	1.6 ! (0.72)	† (†)		30.2 (3.60)	40.6 (3.70)	17.7 (3.08)	11.4 (2.36)
Hispanic.....	21 (1.5) <sup>2</sup>	23 (3.1)	29 (2.1)	15.2 (2.32)	59.3 (3.70)	20.9 (2.58)	3.7 ! (1.29)	† (†)		31.9 (4.70)	29.8 (2.91)	27.7 (3.87)	10.5 (2.03)
Asian.....	† (†)	† (†)	11 (1.5)	7.2 ! (3.04)	50.3 (5.40)	33.0 (5.93)	† (†)	† (†)		28.6 (5.50)	34.4 (5.49)	27.5 (5.70)	9.5 ! (3.00)
Pacific Islander.....	— (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native.....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		† (†)	† (†)	† (†)	† (†)
Two or more races.....	— (†)	† (†)	4 (0.6)	† (†)	55.7 (9.60)	31.7 (8.87)	† (†)	† (†)		23.6 ! (8.41)	34.8 (8.59)	31.2 (8.21)	10.4 ! (4.86)
Age													
Under 30.....	87 (3.1)	88 (3.7)	80 (3.9)	11.5 (1.52)	68.3 (1.86)	19.1 (1.41)	1.2 ! (0.48)	† (†)		55.5 (1.90)	44.2 (1.90)	† (†)	† (†)
30 to 39.....	101 (3.2)	103 (5.8)	109 (5.2)	9.2 (1.76)	52.9 (2.48)	33.7 (1.95)	2.3 (0.64)	1.9 (0.55)		24.4 (2.76)	49.7 (2.61)	25.8 (1.98)	† (†)
40 to 49.....	131 (4.2)	119 (7.1)	116 (3.6)	9.1 (0.85)	54.4 (1.90)	30.1 (1.45)	2.9 (0.51)	3.5 ! (1.21)		20.4 (1.56)	30.4 (1.82)	38.3 (2.04)	10.9 (1.07)
50 to 59.....	106 (3.2)	121 (11.1)	128 (4.5)	5.7 (0.85)	49.8 (1.59)	39.8 (1.53)	2.7 (0.53)	2.0 (0.49)		13.2 (1.12)	17.8 (1.43)	28.7 (1.63)	40.3 (1.79)
60 and over.....	25 (1.2)	37 (4.7)	56 (3.1)	4.9 (1.00)	43.6 (2.66)	39.9 (2.85)	6.5 (1.18)	5.1 (1.47)		7.2 (1.26)	7.5 (1.62)	18.8 (1.96)	66.5 (2.27)
Level													
Elementary.....	261 (5.8)	263 (17.5)	258 (6.5)	10.8 (0.71)	59.3 (1.23)	27.3 (0.96)	2.1 (0.37)	0.4 ! (0.16)		23.0 (0.83)	31.1 (0.89)	24.4 (1.02)	21.5 (1.05)
General.....	168 (4.0)	174 (17.1)	163 (3.9)	10.4 (1.05)	61.6 (1.32)	26.6 (1.40)	1.1 (0.30)	† (†)		18.5 (0.99)	30.3 (1.08)	26.1 (1.32)	25.1 (1.32)
Arts/music.....	[ <sup>4</sup> ] (†)	21 (2.5)	20 (1.6)	14.7 (2.49)	54.5 (3.62)	27.4 (3.57)	2.8 ! (1.29)	† (†)		42.9 (3.81)	25.8 (2.95)	21.3 (3.09)	10.0 (2.41)
English.....	[ <sup>4</sup> ] (†)	8 (1.1)	13 (1.2)	8.3 (2.22)	56.8 (5.08)	27.2 (4.34)	† (†)	† (†)		21.0 (3.83)	33.5 (4.46)	25.5 (4.57)	20.0 (4.17)
Health/physical ed.....	[ <sup>4</sup> ] (†)	14 (1.8)	14 (1.7)	8.9 (2.32)	71.6 (5.66)	16.8 ! (5.79)	† (†)	† (†)		32.3 (4.36)	37.3 (4.80)	16.2 (3.56)	14.1 ! (5.56)
Mathematics.....	[ <sup>4</sup> ] (†)	6 (0.7)	7 (1.0)	13.4 ! (4.23)	48.7 (6.95)	31.9 (7.01)	† (†)	† (†)		26.3 (5.59)	30.9 (5.24)	22.6 (5.97)	20.2 ! (7.94)
Science.....	[ <sup>4</sup> ] (†)	5 (0.8)	6 (0.8)	† (†)	56.4 (9.12)	37.6 (8.41)	† (†)	† (†)		15.1 ! (6.17)	31.6 (7.60)	32.1 (7.85)	21.3 ! (6.87)
Special education.....	16 (1.6)	12 (2.3)	9 (1.0)	† (†)	53.1 (6.27)	38.4 (6.47)	7.7 ! (3.40)	† (†)		23.2 (5.26)	32.2 (6.49)	29.6 (7.32)	15.0 (4.33)
Other elementary.....	77 (2.2)	24 (3.5)	27 (2.3)	16.1 (2.36)	49.5 (3.65)	30.5 (3.74)	3.4 ! (1.23)	† (†)		32.5 (2.87)	35.6 (3.62)	16.8 (2.60)	15.1 (2.76)
Secondary.....	188 (6.2)	204 (13.4)	231 (7.1)	5.2 (0.91)	47.8 (1.42)	38.9 (1.37)	3.6 (0.49)	4.5 (0.80)		24.3 (1.76)	31.0 (1.38)	24.8 (1.28)	20.0 (1.02)
Arts/music.....	[ <sup>5</sup> ] (†)	18 (1.9)	19 (1.8)	10.5 (2.35)	47.4 (4.54)	35.2 (5.13)	† (†)	† (†)		29.5 (3.88)	29.7 (4.36)	25.2 (4.70)	15.5 (3.95)
English.....	33 (1.7)	38 (2.8)	39 (2.8)	3.4 (0.85)	51.3 (3.01)	39.2 (3.09)	2.7 ! (0.88)	† (†)		23.3 (2.18)	29.3 (2.75)	27.6 (3.31)	19.8 (2.36)
Foreign language.....	[ <sup>5</sup> ] (†)	18 (2.1)	22 (2.6)	4.6 ! (1.79)	45.7 (5.15)	40.3 (4.79)	3.2 ! (1.39)	† (†)		28.5 (4.64)	34.5 (4.59)	16.6 (3.46)	20.4 (3.57)
Health/physical ed.....	[ <sup>5</sup> ] (†)	9 (1.0)	12 (1.8)	† (†)	59.9 (7.33)	33.7 (7.48)	† (†)	† (†)		27.5 (5.72)	30.5 (6.63)	19.5 (4.73)	22.4 (4.33)
Mathematics.....	33 (1.6)	31 (3.2)	36 (2.6)	4.9 ! (1.50)	52.0 (4.38)	37.7 (4.10)	2.9 ! (1.09)	† (†)		21.5 (2.89)	26.6 (3.11)	27.4 (4.00)	24.6 (2.99)
Science.....	23 (1.3)	27 (1.8)	31 (1.9)	† (†)	48.4 (3.31)	40.0 (3.21)	3.8 ! (1.22)	7.7 ! (2.32)		22.5 (3.04)	33.7 (3.35)	24.1 (2.94)	19.7 (3.01)
Social studies.....	19 (1.1)	27 (2.4)	31 (2.6)	† (†)	44.3 (4.58)	41.2 (4.50)	5.7 (1.49)	6.8 ! (2.53)		23.0 (4.76)	28.2 (3.97)	25.9 (3.14)	22.9 (3.40)
Special education.....	7 (1.0)	7 (1.5)	6 (1.0)	† (†)	53.8 (8.31)	36.9 (7.74)	† (†)	† (†)		15.9 ! (5.41)	45.4 (6.29)	27.9 (6.43)	10.9 ! (3.93)
Vocational/technical.....	4 (0.6)	5 (0.9)	5 (0.8)	13.7 ! (5.38)	49.2 (8.80)	36.2 (8.52)	† (†)	† (†)		29.6 (8.18)	27.5 (7.57)	23.2 ! (8.22)	19.8 ! (6.54)
Other secondary.....	69 (2.6)	24 (2.7)	29 (2.3)	13.5 ! (5.75)	35.5 (4.22)	41.1 (4.40)	5.1 ! (2.13)	4.8 ! (1.62)		24.6 (5.80)	34.9 (4.59)	24.9 (3.62)	15.6 (2.90)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>2</sup>Data for 1999–2000 are only roughly comparable to data for later years, because the new category of two or more races was introduced in 2003–04.

<sup>3</sup>Includes Pacific Islander.

<sup>4</sup>Included under Other elementary.

<sup>5</sup>Included under Other secondary.

NOTE: Excludes prekindergarten teachers. Data are based on a head count of full-time and part-time teachers rather than on the number of full-time-equivalent teachers reported in other tables. Detail may not sum to totals because of rounding and cell suppression. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 1999–2000, 2003–04, and 2007–08; "Private Teacher Questionnaire," 1999–2000, 2003–04, and 2007–08; and "Charter Teacher Questionnaire," 1999–2000. (This table was prepared September 2009.)



**Table 81. Selected characteristics of public school teachers: Selected years, spring 1961 through spring 2006**

Selected characteristic	1961	1966	1971	1976	1981	1986	1991	1996	2001	2006
1	2	3	4	5	6	7	8	9	10	11
Number of teachers (in thousands) .....	1,408	1,710	2,055	2,196	2,185	2,206	2,398	2,164	2,979	3,588
Sex (percent)										
Male .....	31.3	31.1	34.3	32.9	33.1	31.2	27.9	25.6	21.0	29.9
Female .....	68.7	68.9	65.7	67.1	66.9	68.8	72.1	74.4	79.0	70.1
Median age (years)										
All teachers .....	41	36	35	33	37	41	42	44	46	46
Males .....	34	33	33	33	38	42	43	46	47	44
Females .....	46	40	37	33	36	41	42	44	45	47
Marital status (percent)										
Single .....	22.3	22.0	19.5	20.1	18.5	12.9	11.7	12.4	15.2	13.2
Married .....	68.0	69.1	71.9	71.3	73.0	75.7	75.7	75.9	73.1	73.1
Widowed, divorced, or separated .....	9.7	9.0	8.6	8.6	8.5	11.4	12.6	11.8	11.7	13.8
Highest degree held (percent)										
Less than bachelor's .....	14.6	7.0	2.9	0.9	0.4	0.3	0.6	0.3	0.2	1.0
Bachelor's .....	61.9	69.6	69.6	61.6	50.1	48.3	46.3	43.6	43.1	37.2
Master's or specialist degree <sup>1</sup> .....	23.1	23.2	27.1	37.1	49.3	50.7	52.6	54.5	56.0	60.4
Doctor's .....	0.4	0.1	0.4	0.4	0.3	0.7	0.5	1.7	0.8	1.4
College credits earned in last 3 years										
Percent who earned credits .....	—	—	60.7	63.2	56.1	53.1	50.3	50.2	46.3	55.7
Mean number of credits earned <sup>2</sup> .....	—	—	14	—	9	4	4	—	—	—
Full-time teaching experience (percent)										
1 year .....	8.0	9.1	9.1	5.5	1.6	2.5	2.8	2.1	3.1	1.8
2–4 years .....	19.5	23.7	23.3	21.8	11.9	6.9	10.9	11.9	15.2	11.3
5–9 years .....	19.4	21.7	24.0	28.9	26.2	17.7	16.3	16.6	19.1	20.7
10–14 years .....	15.1	14.2	15.6	17.3	23.0	22.3	17.2	16.9	13.3	15.8
15–19 years .....	10.4	9.8	9.7	12.5	15.4	23.1	18.2	14.3	11.5	14.3
20 years or more .....	27.6	21.4	18.3	14.1	21.9	27.7	34.7	38.1	37.8	36.0
Median years of full-time teaching experience .....	11	8	8	8	12	15	15	15	14	15
Average number of pupils per class										
Elementary teachers, not departmentalized .....	29	28	27	25	25	24	23	24	21	22
Secondary and departmentalized elementary teachers .....	27	27	27	25	23	26	26	31	28	29
Average number of students taught per day by secondary and departmentalized elementary teachers .....	—	132	135	127	118	97	93	97	86	87
Average number of hours in required school day .....	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.3	7.4	7.4
Average number of hours per week spent on all teaching duties										
All teachers .....	47	47	47	46	46	49	47	49	50	52
Elementary teachers .....	49	47	46	44	44	47	44	47	49	52
Secondary teachers .....	46	48	48	48	48	51	50	52	52	53
Average number of days of classroom teaching in school year .....	—	181	181	180	180	180	180	180	181	181
Average number of nonteaching days in school year .....	—	5	4	5	6	5	5	6	7	7
Average annual salary as classroom teacher (current dollars) ..	\$5,264 <sup>3</sup>	\$6,253	\$9,261	\$12,005	\$17,209	\$24,504	\$31,790	\$35,549	\$43,262	\$49,482
Average annual salary as classroom teacher (in constant 2008–09 dollars <sup>4</sup> ) .....	37,982	42,066	50,043	46,467	42,644	48,338	50,957	49,391	53,038	53,378
Average total income, including spouse's (if married) (current dollars) .....	—	—	15,021	19,957	29,831	43,413	55,491	63,171	77,739	87,630
Average total income, including spouse's (if married) (in constant 2008–09 dollars <sup>4</sup> ) .....	—	—	81,167	77,246	73,922	85,639	88,948	87,768	95,306	94,529
Willingness to teach again (percent)										
Certainly would .....	49.9	52.6	44.9	37.5	21.8	22.7	28.6	32.1	31.7	38.2
Probably would .....	26.9	25.4	29.5	26.1	24.6	26.3	30.5	30.5	28.7	27.3
Chances about even .....	12.5	12.9	13.0	17.5	17.6	19.8	18.5	17.3	18.4	16.1
Probably would not .....	7.9	7.1	8.9	13.4	24.0	22.0	17.0	15.8	15.7	12.7
Certainly would not .....	2.8	2.0	3.7	5.6	12.0	9.3	5.4	4.3	5.6	5.8

—Not available

<sup>1</sup>Includes education specialist or professional diploma based on 6 years of college study.

<sup>2</sup>Measured in semester hours.

<sup>3</sup>Includes extra pay for extra duties.

<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Data are based on sample surveys of public school teachers. See Appendix A: Guide to Sources for information on interpreting data from this survey. Data differ from figures appearing in other tables because of varying survey processing procedures and time period coverages. Detail may not sum to totals because of rounding.

SOURCE: National Education Association, *Status of the American Public School Teacher*, selected years, 1960–61 through 2005–06. (This table was prepared June 2010.)

**Table 82. Percentage of public school teachers of grades 9 through 12, by field of main teaching assignment and selected demographic and educational characteristics: 2007–08**

[Standard errors appears in parentheses]

Selected demographic and educational characteristic			Field of main teaching assignment									
			Arts and music	English or language arts	Foreign languages	Health and physical education	Mathematics	Natural sciences	Social sciences	Special education	Vocational/ technical	All other
1	2	3	4	5	6	7	8	9	10	11	12	
Number of teachers (in thousands).....	1,082.3 (27.39)	81.1 (3.53)	172.2 (7.55)	64.2 (3.54)	72.1 (3.75)	144.8 (5.73)	125.1 (6.14)	123.9 (5.31)	110.1 (4.91)	138.4 (4.90)	50.6 (3.27)	
<b>Total</b> .....	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	
Sex												
Male.....	42.0 (0.64)	43.6 (2.02)	24.6 (1.28)	21.3 (1.81)	62.3 (2.08)	43.2 (1.79)	46.2 (1.52)	64.1 (1.68)	27.5 (1.60)	48.5 (1.48)	41.5 (2.90)	
Female.....	58.0 (0.64)	56.4 (2.02)	75.4 (1.28)	78.7 (1.81)	37.7 (2.08)	56.8 (1.79)	53.8 (1.52)	35.9 (1.68)	72.5 (1.60)	51.5 (1.48)	58.5 (2.90)	
Race/ethnicity												
White.....	83.5 (0.87)	89.8 (1.24)	83.5 (1.51)	71.4 (2.56)	86.1 (2.09)	81.2 (1.47)	86.4 (1.26)	86.5 (1.27)	83.9 (1.65)	85.3 (1.58)	72.0 (3.38)	
Black.....	6.9 (0.65)	4.8 (0.77)	8.2 (1.22)	2.7 (0.75)	6.7 (1.36)	7.3 (0.95)	5.5 (0.78)	5.3 (0.74)	9.0 (1.24)	8.7 (1.22)	9.3 (1.39)	
Hispanic.....	6.6 (0.70)	3.2 (0.97)	5.8 (0.90)	22.5 (2.72)	5.6 (1.37)	6.9 (1.12)	4.2 (0.87)	5.7 (1.19)	4.9 (1.00)	3.8 (0.78)	14.7 (3.14)	
Asian.....	1.3 (0.34)	0.5 ! (0.23)	1.1 ! (0.43)	20.1 (0.99)	† (†)	29.1 (0.98)	20.1 (0.71)	1.1 ! (0.39)	0.7 ! (0.31)	† (†)	† (†)	
Pacific Islander.....	0.2 ! (0.07)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	
American Indian/Alaska Native.....	0.5 (0.08)	† (†)	0.4 (0.11)	0.3 ! (0.15)	0.6 ! (0.28)	0.4 ! (0.13)	0.7 ! (0.32)	0.6 ! (0.31)	0.5 ! (0.15)	0.5 ! (0.17)	0.9 ! (0.35)	
Two or more races.....	0.9 (0.13)	0.8 ! (0.27)	0.8 (0.21)	† (†)	† (†)	1.1 ! (0.44)	0.8 ! (0.30)	0.6 ! (0.25)	0.8 ! (0.30)	0.9 (0.27)	† (†)	
Age												
Under 30 years.....	17.4 (0.49)	18.8 (2.05)	20.7 (1.41)	18.8 (1.94)	16.2 (1.56)	21.6 (1.54)	17.2 (1.58)	19.9 (1.40)	13.8 (1.41)	11.7 (0.78)	8.8 (1.66)	
30 to 39 years.....	25.9 (0.46)	22.3 (1.90)	28.4 (1.41)	25.7 (1.92)	31.1 (2.10)	25.6 (1.38)	25.9 (1.57)	31.6 (1.40)	26.3 (1.64)	19.5 (1.24)	19.6 (2.98)	
40 to 49 years.....	22.8 (0.45)	22.6 (1.78)	18.6 (1.21)	17.3 (1.48)	25.0 (1.81)	25.0 (1.57)	25.2 (1.42)	19.4 (1.21)	23.1 (1.24)	27.2 (1.45)	25.5 (2.50)	
50 to 59 years.....	26.4 (0.55)	30.3 (2.86)	23.7 (1.25)	26.4 (1.71)	23.5 (1.92)	21.3 (1.55)	24.7 (1.39)	23.4 (1.34)	29.5 (1.84)	32.9 (1.59)	35.0 (3.13)	
60 years and over.....	7.5 (0.32)	6.0 (0.95)	8.5 (0.80)	11.8 (1.75)	4.2 (1.05)	6.4 (0.71)	7.0 (0.76)	5.7 (0.76)	7.3 (0.92)	8.8 (0.97)	11.1 (1.88)	
Age at which first began to teach full time or part time												
25 years or under.....	52.2 (0.70)	59.7 (2.34)	55.8 (1.69)	52.1 (2.59)	62.8 (2.29)	57.6 (1.89)	50.0 (1.71)	52.6 (1.72)	47.6 (1.79)	43.7 (1.58)	36.0 (2.86)	
26 to 35 years.....	29.9 (0.55)	26.1 (1.82)	29.2 (1.49)	29.9 (2.46)	31.0 (2.36)	24.6 (1.70)	33.3 (1.47)	33.8 (1.69)	32.6 (1.64)	29.9 (1.40)	27.8 (2.92)	
36 to 45 years.....	12.7 (0.43)	10.0 (1.19)	10.8 (0.90)	11.9 (1.41)	5.0 (1.01)	12.9 (1.17)	11.4 (1.10)	10.3 (0.90)	12.2 (1.16)	19.3 (1.23)	26.9 (3.46)	
46 to 55 years.....	4.4 (0.24)	4.1 (0.87)	3.8 (0.55)	5.1 (1.31)	1.0 ! (0.48)	3.7 (0.64)	4.5 (0.75)	2.8 (0.54)	6.7 (0.93)	6.1 (0.75)	7.8 (1.37)	
56 years or over.....	0.7 (0.10)	† (†)	0.5 ! (0.22)	0.9 ! (0.37)	† (†)	1.1 (0.33)	0.8 ! (0.26)	0.5 ! (0.21)	0.8 ! (0.30)	1.1 ! (0.41)	1.5 ! (0.54)	
Years of full-time teaching experience												
Less than 3 years.....	13.6 (0.43)	15.8 (2.13)	14.5 (1.03)	13.8 (1.43)	10.8 (1.22)	13.7 (1.15)	14.3 (1.56)	12.3 (1.24)	12.6 (1.51)	14.1 (1.14)	12.4 (1.85)	
3 to 9 years.....	33.5 (0.56)	27.7 (2.04)	36.5 (1.64)	35.4 (2.30)	30.1 (1.99)	35.0 (1.50)	32.6 (1.46)	35.9 (1.67)	35.0 (1.51)	29.6 (1.27)	33.9 (3.15)	
10 to 20 years.....	29.1 (0.55)	29.0 (1.95)	25.3 (1.25)	26.9 (2.22)	30.3 (1.90)	31.7 (1.50)	31.8 (1.63)	29.6 (1.48)	28.1 (1.73)	28.8 (1.28)	31.4 (2.59)	
Over 20 years.....	23.8 (0.53)	27.4 (2.89)	23.8 (1.03)	23.9 (2.24)	28.8 (1.73)	19.6 (1.28)	21.3 (1.24)	22.2 (1.16)	24.4 (1.55)	27.5 (1.38)	22.3 (3.07)	
Highest degree earned												
Less than bachelor's degree.....	2.0 (0.16)	† (†)	0.3 ! (0.11)	† (†)	† (†)	† (†)	0.6 ! (0.24)	0.6 ! (0.27)	† (†)	10.5 (0.83)	5.7 (0.94)	
Bachelor's degree.....	44.5 (0.79)	49.6 (2.20)	45.0 (1.49)	44.9 (2.33)	52.7 (2.00)	47.2 (1.77)	38.9 (2.03)	45.4 (1.62)	39.6 (1.70)	43.7 (1.43)	39.2 (3.17)	
Master's degree.....	46.0 (0.81)	44.3 (2.00)	46.1 (1.53)	45.9 (2.49)	41.0 (2.28)	47.5 (1.65)	51.4 (1.89)	46.7 (1.61)	50.3 (1.34)	38.6 (1.41)	46.2 (3.50)	
Education specialist <sup>1</sup> .....	6.0 (0.28)	4.7 (1.06)	7.1 (0.74)	6.8 (1.02)	5.3 (0.91)	4.2 (0.75)	6.1 (0.81)	4.9 (0.61)	8.6 (1.03)	5.9 (0.75)	7.4 (1.45)	
Doctor's degree.....	1.5 (0.14)	0.9 (0.25)	1.5 (0.34)	1.8 ! (0.65)	† (†)	0.9 (0.23)	3.0 (0.64)	2.4 (0.55)	† (†)	1.2 ! (0.46)	1.5 ! (0.52)	
Major field of study in bachelor's or higher degree <sup>2</sup>												
Arts and music.....	8.9 (0.33)	90.3 (1.93)	4.7 (0.51)	3.0 (0.73)	1.1 ! (0.38)	1.6 (0.36)	0.9 ! (0.35)	1.6 (0.45)	2.0 (0.48)	2.2 (0.54)	3.1 (0.84)	
Education, elementary instruction.....	6.0 (0.31)	† (†)	5.2 (0.66)	4.7 (1.21)	3.1 (0.76)	3.8 (0.53)	1.2 (0.32)	1.5 (0.40)	22.5 (1.38)	4.0 (0.61)	16.8 (2.91)	
Education, secondary instruction.....	17.2 (0.53)	7.2 (1.00)	22.4 (1.10)	20.6 (1.99)	5.7 (0.97)	21.8 (1.14)	27.0 (1.38)	28.7 (1.44)	4.4 (0.69)	9.5 (0.92)	10.4 (1.66)	
Education, special education.....	10.4 (0.34)	1.1 ! (0.40)	6.2 (0.71)	2.8 (0.73)	3.3 (0.77)	3.8 (0.57)	1.5 (0.37)	2.7 (0.42)	72.0 (1.52)	2.6 (0.52)	6.2 (1.49)	
Education, other.....	15.0 (0.44)	10.3 (1.23)	15.2 (1.13)	14.1 (1.61)	17.1 (1.55)	15.0 (1.12)	15.9 (1.12)	17.8 (1.33)	14.1 (1.23)	13.3 (1.06)	17.4 (2.20)	
English and language arts.....	18.2 (0.47)	4.5 (0.82)	81.7 (1.14)	16.0 (1.76)	3.3 (0.97)	3.0 (0.51)	1.8 (0.46)	6.2 (0.88)	10.7 (1.08)	3.9 (0.69)	18.1 (2.56)	
Foreign languages.....	6.5 (0.31)	1.0 (0.29)	3.9 (0.71)	79.9 (1.81)	† (†)	1.6 ! (0.52)	1.2 ! (0.40)	1.2 (0.33)	1.3 ! (0.43)	† (†)	8.1 (1.62)	
Health and physical education.....	10.5 (0.41)	1.5 (0.44)	2.0 (0.43)	2.0 ! (0.62)	88.5 (1.46)	5.6 (0.73)	7.8 (0.77)	8.5 (1.03)	5.4 (0.79)	3.4 (0.56)	10.1 (1.25)	
Mathematics.....	10.3 (0.34)	2.5 ! (0.80)	0.7 ! (0.32)	1.8 ! (0.58)	1.3 ! (0.42)	67.3 (1.64)	3.2 ! (1.39)	† (†)	1.0 ! (0.36)	1.0 (0.30)	3.8 (0.98)	
Natural sciences.....	12.7 (0.53)	1.0 ! (0.35)	0.5 (0.14)	1.4 ! (0.58)	2.0 (0.59)	10.3 (1.68)	83.5 (1.17)	1.4 (0.34)	4.1 (0.94)	3.4 (0.62)	6.2 (1.21)	
Social sciences.....	19.6 (0.44)	4.1 (0.83)	13.0 (0.90)	15.6 (1.72)	7.5 (1.19)	8.3 (0.70)	7.5 (1.02)	82.8 (1.29)	24.8 (1.61)	7.3 (0.89)	19.2 (1.95)	
Vocational/technical education.....	16.0 (0.49)	3.6 (0.86)	4.0 (0.68)	3.7 (0.81)	4.3 (0.94)	13.3 (1.31)	7.9 (0.90)	5.8 (0.88)	8.8 (0.88)	73.6 (1.21)	19.0 (2.81)	
Other field.....	8.6 (0.34)	5.4 (0.91)	9.9 (0.81)	12.8 (1.62)	5.2 (1.15)	9.5 (1.04)	6.3 (1.08)	6.9 (0.87)	7.1 (0.82)	5.4 (0.62)	28.3 (3.14)	
No degree.....	2.0 (0.16)	† (†)	0.3 ! (0.11)	† (†)	† (†)	† (†)	0.6 ! (0.24)	0.6 ! (0.27)	† (†)	10.5 (0.83)	5.7 (0.94)	

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificates of advanced graduate studies.

<sup>2</sup>Data may sum to more than 100 percent because (1) a teacher who reported more than one major is represented in more than one field of study and (2) a teacher with multiple degrees in different fields of study is represented in more than one field of study.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 2007–08. (This table was prepared October 2009.)

**Table 83. Percentage of teachers indicating that certain issues are serious problems in their schools and that certain problems occur daily, by level and control of school: Selected years, 1987–88 through 2007–08**

[Standard errors appear in parentheses]

Control of school and issue	Percent of teachers indicating issue is a serious problem										Percent of teachers indicating problem occurs daily, 2003–04 <sup>1</sup>		
	1987–88 total	1993–94 total	1999–2000 total	2003–04			2007–08				Total	Elementary schools	Secondary schools
				Total <sup>2</sup>	Elementary schools	Secondary schools	Total	Elementary schools	Secondary schools	Combined schools			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Public schools</b>													
Student tardiness.....	10.5 (0.18)	10.5 (0.28)	10.2 (0.22)	13.8 (0.29)	9.8 (0.38)	23.1 (0.58)	9.8 (0.33)	5.8 (0.37)	17.9 (0.65)	9.0 (1.36)	— (†)	— (†)	— (†)
Student absenteeism.....	16.4 (0.23)	14.4 (0.29)	13.9 (0.26)	13.1 (0.31)	8.3 (0.36)	23.7 (0.59)	11.7 (0.36)	6.5 (0.42)	21.4 (0.63)	14.2 (0.95)	— (†)	— (†)	— (†)
Teacher absenteeism.....	2.3 (0.09)	1.5 (0.09)	2.2 (0.10)	1.1 (0.08)	0.9 (0.12)	1.7 (0.15)	1.5 (0.15)	1.2 (0.20)	2.0 (0.20)	2.3 (0.48)	— (†)	— (†)	— (†)
Students cutting class.....	5.9 (0.16)	5.1 (0.12)	4.7 (0.12)	5.5 (0.23)	1.5 (0.17)	14.5 (0.59)	4.0 (0.20)	0.5 (0.12)	10.9 (0.52)	4.0 (0.64)	— (†)	— (†)	— (†)
Physical conflicts among students.....	5.8 (0.18)	8.2 (0.25)	4.8 (0.19)	12.1 (0.29)	13.7 (0.43)	9.3 (0.38)	— (†)	— (†)	— (†)	— (†)	12.1 (0.29)	13.7 (0.43)	9.3 (0.38)
Robbery or theft.....	3.7 (0.12)	4.1 (0.17)	2.4 (0.11)	3.7 (0.17)	2.9 (0.23)	5.9 (0.24)	— (†)	— (†)	— (†)	— (†)	3.7 (0.17)	2.8 (0.22)	5.9 (0.24)
Vandalism of school property.....	6.1 (0.15)	6.7 (0.23)	3.4 (0.15)	3.7 (0.16)	2.5 (0.21)	6.3 (0.33)	— (†)	— (†)	— (†)	— (†)	3.6 (0.16)	2.5 (0.21)	6.3 (0.33)
Student pregnancy.....	6.9 (0.17)	7.3 (0.24)	3.7 (0.12)	2.4 (0.12)	†	7.0 (0.34)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student use of alcohol.....	11.4 (0.18)	9.3 (0.17)	7.4 (0.14)	3.0 (0.10)	0.3 (0.07)	9.0 (0.28)	— (†)	— (†)	— (†)	— (†)	3.1 (0.10)	0.3 (0.07)	9.0 (0.28)
Student drug abuse.....	8.0 (0.14)	5.7 (0.14)	6.0 (0.11)	4.5 (0.14)	0.5 (0.10)	13.0 (0.35)	— (†)	— (†)	— (†)	— (†)	4.5 (0.14)	0.5 (0.11)	13.0 (0.35)
Student possession of weapons.....	1.7 (0.06)	2.8 (0.12)	0.8 (0.06)	0.5 (0.05)	†	1.2 (0.12)	— (†)	— (†)	— (†)	— (†)	0.5 (0.05)	†	1.2 (0.12)
Verbal abuse of teachers.....	8.1 (0.21)	11.1 (0.26)	— (†)	11.8 (0.31)	9.3 (0.39)	17.1 (0.50)	— (†)	— (†)	— (†)	— (†)	11.8 (0.31)	9.3 (0.39)	17.1 (0.50)
Student disrespect for teachers.....	— (†)	18.5 (0.35)	17.2 (0.34)	21.6 (0.45)	18.6 (0.62)	28.3 (0.58)	— (†)	— (†)	— (†)	— (†)	21.6 (0.45)	18.5 (0.61)	28.3 (0.58)
Students dropping out.....	— (†)	5.8 (0.16)	4.6 (0.11)	3.3 (0.13)	0.4 (0.08)	9.6 (0.41)	3.5 (0.19)	0.8 (0.19)	8.7 (0.41)	5.3 (0.77)	— (†)	— (†)	— (†)
Student apathy.....	— (†)	23.6 (0.35)	20.6 (0.30)	16.6 (0.34)	9.9 (0.40)	30.4 (0.56)	16.5 (0.45)	10.0 (0.55)	28.5 (0.67)	21.4 (1.16)	— (†)	— (†)	— (†)
Lack of parental involvement.....	— (†)	27.6 (0.45)	23.7 (0.36)	21.6 (0.42)	19.3 (0.58)	26.3 (0.59)	19.5 (0.49)	16.8 (0.68)	24.0 (0.69)	23.5 (1.42)	— (†)	— (†)	— (†)
Poverty.....	— (†)	19.5 (0.52)	19.2 (0.43)	21.4 (0.45)	22.4 (0.64)	19.0 (0.57)	22.1 (0.59)	22.8 (0.83)	20.2 (0.68)	26.7 (1.36)	— (†)	— (†)	— (†)
Students come unprepared to learn.....	— (†)	28.8 (0.39)	29.5 (0.36)	26.8 (0.46)	23.7 (0.68)	33.5 (0.69)	24.2 (0.56)	20.7 (0.84)	30.5 (0.77)	28.5 (1.45)	— (†)	— (†)	— (†)
Racial tension.....	— (†)	— (†)	— (†)	2.4 (0.15)	1.8 (0.19)	3.9 (0.22)	— (†)	— (†)	— (†)	— (†)	2.4 (0.15)	1.8 (0.19)	3.9 (0.22)
<b>Private schools</b>													
Student tardiness.....	3.6 (0.38)	2.6 (0.23)	2.9 (0.21)	2.8 (0.40)	2.1 (0.45)	5.0 (0.83)	2.5 (0.28)	2.3 (0.37)	3.0 (0.83)	2.6 (0.47)	— (†)	— (†)	— (†)
Student absenteeism.....	3.7 (0.39)	2.2 (0.19)	2.5 (0.22)	1.9 (0.23)	0.9 (0.17)	4.0 (0.75)	2.0 (0.23)	0.9 (0.23)	3.9 (0.99)	2.3 (0.40)	— (†)	— (†)	— (†)
Teacher absenteeism.....	0.8 (0.13)	0.8 (0.10)	0.8 (0.11)	†	†	†	0.5 (0.13)	†	†	1.0 ! (0.32)	— (†)	— (†)	— (†)
Students cutting class.....	0.9 (0.16)	0.7 (0.11)	0.8 (0.12)	0.5 (0.11)	†	†	0.5 (0.09)	†	†	†	— (†)	— (†)	— (†)
Physical conflicts among students.....	1.3 (0.19)	1.5 (0.15)	1.0 (0.18)	2.4 (0.31)	2.7 (0.55)	†	— (†)	— (†)	— (†)	— (†)	2.3 (0.33)	2.6 (0.58)	1.0 ! (0.35)
Robbery or theft.....	1.3 (0.18)	0.8 (0.10)	0.9 (0.11)	0.4 (0.10)	†	1.3 ! (0.40)	— (†)	— (†)	— (†)	— (†)	0.4 (0.10)	†	1.3 ! (0.40)
Vandalism of school property.....	1.3 (0.19)	1.2 (0.11)	0.7 (0.11)	0.5 (0.11)	†	†	— (†)	— (†)	— (†)	— (†)	0.5 (0.11)	†	0.8 ! (0.28)
Student pregnancy.....	0.6 (0.12)	0.4 (0.06)	0.4 (0.09)	†	†	†	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student use of alcohol.....	3.6 (0.30)	3.1 (0.19)	3.1 (0.16)	0.7 (0.17)	†	3.3 (0.86)	— (†)	— (†)	— (†)	— (†)	0.7 (0.17)	†	3.3 (0.86)
Student drug abuse.....	1.8 (0.24)	1.3 (0.15)	1.8 (0.14)	1.1 (0.25)	†	5.2 (1.31)	— (†)	— (†)	— (†)	— (†)	1.1 (0.26)	†	5.2 (1.31)
Student possession of weapons.....	0.4 (0.11)	0.3 (0.06)	0.3 (0.06)	†	†	†	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Verbal abuse of teachers.....	2.0 (0.24)	2.3 (0.25)	— (†)	2.4 (0.40)	1.1 (0.29)	4.0 (0.84)	— (†)	— (†)	— (†)	— (†)	2.4 (0.40)	1.2 (0.29)	4.0 (0.84)
Student disrespect for teachers.....	— (†)	3.4 (0.27)	3.8 (0.31)	5.1 (0.37)	3.6 (0.54)	6.3 (1.05)	— (†)	— (†)	— (†)	— (†)	5.1 (0.37)	3.6 (0.56)	6.3 (1.05)
Students dropping out.....	— (†)	0.6 (0.09)	0.5 (0.10)	0.3 ! (0.09)	†	†	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Student apathy.....	— (†)	4.5 (0.28)	4.3 (0.29)	3.0 (0.39)	1.4 (0.23)	6.6 (0.95)	3.9 (0.34)	1.7 (0.30)	6.9 (1.06)	5.1 (0.74)	— (†)	— (†)	— (†)
Lack of parental involvement.....	— (†)	4.0 (0.26)	3.4 (0.30)	2.5 (0.37)	1.6 (0.28)	3.6 (0.77)	2.5 (0.24)	1.9 (0.36)	2.8 (0.67)	3.0 (0.46)	— (†)	— (†)	— (†)
Poverty.....	— (†)	2.7 (0.23)	2.1 (0.21)	2.2 (0.26)	1.7 (0.31)	3.4 (0.78)	2.0 (0.21)	1.4 (0.28)	2.0 (0.56)	2.6 (0.44)	— (†)	— (†)	— (†)
Students come unprepared to learn.....	— (†)	4.1 (0.28)	4.9 (0.36)	3.5 (0.30)	2.1 (0.53)	6.8 (0.99)	3.6 (0.34)	1.9 (0.33)	6.2 (1.51)	4.4 (0.85)	— (†)	— (†)	— (†)
Racial tension.....	— (†)	— (†)	— (†)	0.4 (0.08)	†	†	— (†)	— (†)	— (†)	— (†)	0.4 (0.08)	†	0.9 ! (0.36)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Only the 2003–04 survey included questions about how often problems occurred.<sup>2</sup>For 2003–04, combined schools are included in the total but not shown separately.

NOTE: Elementary schools are those with any of grades kindergarten through grade 6 and none of grades 9 through 12. Secondary schools have any of grades 7 through 12, and none of grades kindergarten through grade 6. Combined schools have both elementary and secondary grades, or have all students in ungraded classrooms. Some data may have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," selected years, 1987–88 through 2007–08; "Private Teacher Questionnaire," selected years, 1987–88 through 2007–08; and "Charter Teacher Questionnaire," 1999–2000. (This table was prepared February 2011.)

**Table 84. Teachers' perceptions about teaching and school conditions, by control and level of school: Selected years, 1993–94 through 2007–08**  
[Standard errors appear in parentheses]

Statement about conditions	Public school teachers							Private school teachers						
	1993–94 total	1999–2000 total	2003–04 total	2007–08				1993–94 total	1999–2000 total	2003–04 total	2007–08			
				Total	Elementary schools	Secondary schools	Combined schools				Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Percent of teachers somewhat agreeing or strongly agreeing with statement														
The school administration's behavior toward the staff is supportive .....	79.2 (0.36)	78.8 (0.38)	85.2 (0.33)	87.7 (0.39)	88.1 (0.50)	87.1 (0.47)	86.3 (1.24)	88.2 (0.42)	87.3 (0.45)	91.1 (0.78)	93.1 (0.43)	92.6 (0.48)	92.3 (1.15)	93.9 (0.74)
My principal enforces school rules for student conduct and backs me up when I need it .....	80.8 (0.35)	82.2 (0.33)	87.2 (0.34)	88.0 (0.37)	89.2 (0.48)	85.9 (0.51)	86.1 (1.12)	88.4 (0.41)	88.3 (0.39)	92.2 (0.75)	92.2 (0.57)	91.7 (0.70)	91.8 (1.17)	92.8 (0.97)
The principal lets staff members know what is expected of them .....	85.6 (0.30)	87.7 (0.26)	91.9 (0.23)	— (†)	— (†)	— (†)	— (†)	88.2 (0.34)	89.8 (0.35)	93.8 (0.57)	— (†)	— (†)	— (†)	— (†)
Principal talks to me frequently about my instructional practices .....	44.3 (0.46)	45.6 (0.43)	— (†)	— (†)	— (†)	— (†)	— (†)	54.0 (0.64)	50.4 (0.64)	— (†)	— (†)	— (†)	— (†)	— (†)
In this school, staff members are recognized for a job well done .....	67.9 (0.39)	68.3 (0.42)	75.5 (0.38)	76.7 (0.56)	78.3 (0.77)	74.2 (0.63)	72.3 (1.42)	81.1 (0.40)	78.9 (0.50)	83.8 (1.14)	84.0 (0.66)	84.1 (0.76)	83.0 (1.71)	84.4 (1.06)
Principal knows what kind of school he/she wants and has communicated it to the staff .....	80.5 (0.36)	83.2 (0.28)	87.3 (0.30)	88.4 (0.33)	89.6 (0.44)	86.6 (0.51)	84.4 (1.20)	88.6 (0.38)	88.4 (0.43)	91.9 (0.68)	91.7 (0.53)	91.3 (0.65)	90.7 (1.20)	92.6 (0.81)
Most of my colleagues share my beliefs and values about what the central mission of the school should be .....	84.2 (0.22)	84.7 (0.26)	88.1 (0.26)	88.3 (0.35)	90.6 (0.52)	83.8 (0.53)	87.4 (0.86)	93.2 (0.37)	92.2 (0.31)	93.8 (0.49)	93.7 (0.44)	94.9 (0.47)	90.5 (1.36)	93.7 (0.78)
There is a great deal of cooperative effort among staff .....	77.5 (0.31)	78.4 (0.32)	83.2 (0.36)	84.3 (0.33)	86.1 (0.47)	81.0 (0.51)	81.9 (1.20)	90.5 (0.29)	89.0 (0.42)	91.2 (0.77)	91.7 (0.63)	92.1 (0.54)	88.4 (1.43)	92.6 (1.07)
I receive a great deal of support from parents for the work I do ...	52.5 (0.38)	57.9 (0.40)	61.1 (0.50)	64.3 (0.52)	66.4 (0.77)	60.4 (0.66)	62.6 (1.45)	84.6 (0.41)	84.0 (0.49)	86.1 (2.33)	87.7 (0.60)	89.4 (0.68)	85.1 (1.79)	86.9 (1.00)
I make a conscious effort to coordinate the content of my courses with that of other teachers .....	85.0 (0.25)	84.1 (0.24)	86.3 (0.31)	— (†)	— (†)	— (†)	— (†)	85.2 (0.44)	81.4 (0.55)	84.6 (0.90)	— (†)	— (†)	— (†)	— (†)
Routine duties and paperwork interfere with my job of teaching ..	70.8 (0.38)	71.1 (0.30)	70.8 (0.44)	69.0 (0.53)	69.4 (0.80)	68.7 (0.69)	64.4 (1.33)	40.1 (0.65)	44.5 (0.57)	40.7 (2.70)	42.7 (0.97)	44.6 (1.26)	46.3 (2.28)	39.2 (1.74)
Level of student misbehavior in this school interferes with my teaching .....	44.1 (0.40)	40.8 (0.42)	37.2 (0.52)	36.0 (0.57)	33.7 (0.80)	40.2 (0.79)	38.9 (1.36)	22.4 (0.43)	24.1 (0.61)	20.7 (2.47)	20.6 (0.72)	20.9 (0.95)	19.4 (1.72)	20.6 (1.36)
Amount of student tardiness and class cutting in this school interferes with my teaching .....	27.9 (0.32)	31.5 (0.35)	33.4 (0.45)	33.4 (0.64)	26.4 (0.85)	47.2 (0.86)	32.8 (1.35)	16.9 (0.75)	15.0 (0.43)	16.9 (1.11)	17.9 (0.72)	17.3 (0.77)	20.4 (1.77)	17.5 (1.63)
Rules for student behavior are consistently enforced by teachers in this school, even for students who are not in their classes .....	61.8 (0.42)	62.6 (0.39)	71.1 (0.46)	70.6 (0.55)	78.8 (0.67)	55.1 (0.66)	68.2 (1.37)	77.6 (0.50)	75.9 (0.51)	81.0 (1.52)	80.1 (0.81)	85.5 (0.85)	69.9 (2.00)	78.4 (1.49)
I am satisfied with my class sizes .....	64.9 (0.38)	67.7 (0.36)	69.1 (0.43)	— (†)	— (†)	— (†)	— (†)	84.4 (0.40)	85.7 (0.45)	87.5 (0.99)	— (†)	— (†)	— (†)	— (†)
I am satisfied with my teaching salary .....	44.9 (0.45)	39.4 (0.36)	45.9 (0.46)	50.9 (0.64)	48.9 (0.90)	55.2 (0.73)	48.0 (1.26)	41.6 (0.59)	42.6 (0.73)	50.6 (1.76)	51.7 (0.86)	44.4 (1.11)	55.6 (2.60)	57.8 (2.05)
I sometimes feel it is a waste of time to try to do my best as a teacher .....	26.8 (0.35)	20.3 (0.29)	16.7 (0.33)	— (†)	— (†)	— (†)	— (†)	10.2 (0.65)	10.5 (0.38)	8.6 (0.69)	— (†)	— (†)	— (†)	— (†)
I plan with the librarian/media specialist for the integration of services into my teaching .....	66.9 (0.42)	58.6 (0.38)	— (†)	— (†)	— (†)	— (†)	— (†)	60.6 (0.71)	48.7 (0.74)	— (†)	— (†)	— (†)	— (†)	— (†)
Necessary materials are available as needed by staff .....	73.1 (0.42)	75.0 (0.32)	79.0 (0.42)	82.2 (0.55)	82.5 (0.76)	81.5 (0.51)	82.2 (1.06)	85.7 (0.44)	89.0 (0.38)	91.8 (0.74)	92.1 (0.54)	92.2 (0.59)	91.2 (1.33)	92.2 (1.01)
I worry about the security of my job because of the performance of my students on state or local tests .....	— (†)	28.8 (0.37)	31.2 (0.43)	30.9 (0.58)	32.2 (0.81)	28.3 (0.54)	30.5 (1.31)	— (†)	6.7 (0.29)	7.8 (0.68)	7.6 (0.46)	8.2 (0.56)	6.3 (1.06)	7.5 (0.81)
State or district content standards have had a positive influence on my satisfaction with teaching .....	— (†)	— (†)	— (†)	49.3 (0.62)	52.1 (0.95)	44.1 (0.56)	48.5 (1.29)	— (†)	— (†)	— (†)	41.1 (0.80)	49.1 (1.21)	34.3 (1.99)	35.3 (1.48)
I am given the support I need to teach students with special needs .....	— (†)	60.9 (0.33)	64.5 (0.47)	67.2 (0.57)	66.2 (0.73)	68.3 (0.69)	72.7 (1.18)	— (†)	67.1 (0.58)	71.8 (2.00)	68.4 (0.84)	66.4 (1.15)	69.6 (1.81)	70.2 (1.56)
I am generally satisfied with being a teacher at this school .....	— (†)	89.7 (0.24)	90.9 (0.29)	92.8 (0.31)	93.0 (0.42)	92.4 (0.37)	93.1 (0.59)	— (†)	93.3 (0.26)	95.2 (0.56)	95.7 (0.43)	95.2 (0.52)	95.5 (0.92)	96.3 (0.65)

—Not available.

†Not applicable.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," selected years 1993–94 through 2007–08; "Private Teacher Questionnaire," selected years 1993–94 through 2007–08; and "Charter Teacher Questionnaire," 1999–2000. (This table was prepared February 2011.)





**Table 86. Average base salary for full-time teachers in public elementary and secondary schools, by highest degree earned and years of full-time teaching: Selected years, 1990–91 through 2007–08—Continued**

[Standard errors appear in parentheses]

Years of full-time teaching experience	Number of full-time teachers	Salary (current dollars)										Salary (constant 2011–12 dollars) <sup>3</sup>									
		Highest degree earned										Highest degree earned									
		All teachers <sup>1</sup>	Bachelor's degree	Master's degree	Education specialist <sup>2</sup>	Doctor's degree	All teachers <sup>1</sup>	Bachelor's degree	Master's degree	Education specialist <sup>2</sup>	Doctor's degree	All teachers <sup>1</sup>	Bachelor's degree	Master's degree	Education specialist <sup>2</sup>	Doctor's degree	All teachers <sup>1</sup>	Bachelor's degree	Master's degree	Education specialist <sup>2</sup>	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12										
<b>2003–04</b>																					
Total.....	2,948,230 (28,203)	\$44,400 (240)	\$39,200 (300)	\$49,400 (200)	\$52,900 (460)	\$53,700 (1,290)	\$54,200 (300)	\$47,900 (370)	\$60,500 (250)	\$64,700 (560)	\$65,700 (1,580)										
1 year or less.....	177,920 (17,391)	33,200 (380)	31,800 (340)	38,600 (730)	44,300 (5,030)	37,300 (1,690)	40,600 (470)	38,900 (420)	47,200 (890)	54,100 (6,150)	45,600 (2,070)										
2 years.....	153,950 (17,695)	34,100 (280)	32,700 (330)	37,900 (650)	34,000 (1,300)	‡ (†)	41,600 (350)	40,000 (410)	46,400 (790)	41,500 (1,590)	‡ (†)										
3 years.....	168,140 (9,009)	35,200 (350)	33,400 (280)	40,200 (680)	40,300 (3,170)	‡ (†)	43,100 (430)	40,900 (350)	49,200 (830)	49,300 (3,880)	‡ (†)										
4 years.....	159,490 (6,723)	36,300 (270)	34,600 (280)	40,300 (530)	38,500 (1,800)	‡ (†)	44,300 (320)	42,300 (340)	49,300 (650)	47,100 (2,200)	‡ (†)										
5 years.....	153,180 (6,194)	37,400 (400)	34,900 (320)	40,800 (760)	42,800 (1,960)	‡ (†)	45,700 (490)	42,700 (400)	49,900 (930)	52,400 (2,390)	‡ (†)										
6 to 9 years.....	498,590 (13,859)	40,300 (200)	37,100 (210)	43,700 (300)	45,800 (1,310)	44,300 (2,320)	49,300 (250)	45,300 (260)	53,400 (370)	56,000 (1,600)	54,100 (2,840)										
10 to 14 years.....	433,530 (14,595)	44,300 (260)	39,700 (270)	47,900 (390)	50,000 (960)	55,000 (3,580)	54,200 (310)	48,600 (330)	58,600 (480)	61,100 (1,170)	67,300 (4,380)										
15 to 19 years.....	343,970 (9,606)	49,200 (360)	44,300 (480)	52,300 (470)	56,300 (1,350)	58,400 (3,440)	60,200 (440)	54,200 (590)	63,900 (570)	68,800 (1,650)	71,400 (4,210)										
20 to 24 years.....	285,980 (8,434)	50,800 (360)	46,400 (370)	54,000 (580)	54,900 (1,000)	53,600 (3,530)	62,100 (440)	56,700 (460)	66,000 (710)	67,100 (1,220)	65,500 (4,320)										
25 to 29 years.....	283,460 (11,809)	52,800 (280)	48,600 (490)	55,000 (410)	55,900 (980)	65,200 (3,520)	64,600 (340)	59,500 (600)	67,300 (500)	68,300 (1,190)	79,700 (4,310)										
30 to 34 years.....	223,710 (11,435)	56,300 (430)	51,300 (610)	58,100 (570)	62,400 (1,390)	60,800 (2,660)	68,800 (520)	62,800 (740)	71,000 (690)	76,400 (1,700)	74,400 (3,260)										
35 years or more.....	66,310 (3,427)	58,200 (750)	55,400 (1,300)	59,100 (980)	61,300 (2,220)	‡ (†)	71,200 (920)	67,700 (1,590)	72,300 (1,200)	74,900 (2,720)	‡ (†)										
<b>2007–08</b>																					
Total.....	3,114,690 (41,111)	\$49,600 (200)	\$43,600 (220)	\$54,800 (280)	\$58,400 (720)	\$59,200 (1,620)	\$53,300 (220)	\$46,900 (240)	\$58,900 (300)	\$62,800 (780)	\$63,600 (1,740)										
1 year or less.....	211,500 (12,029)	38,200 (330)	36,700 (310)	42,800 (810)	47,400 (3,580)	43,800 (4,020)	41,100 (360)	39,400 (330)	46,100 (870)	51,000 (3,850)	47,000 (4,320)										
2 years.....	185,130 (10,587)	38,600 (330)	36,900 (340)	42,600 (720)	47,400 (4,080)	‡ (†)	41,500 (360)	39,700 (370)	45,800 (770)	51,000 (4,390)	‡ (†)										
3 years.....	177,230 (7,735)	40,100 (370)	37,700 (360)	44,400 (860)	52,200 (4,610)	‡ (†)	43,100 (400)	40,600 (380)	47,800 (930)	56,100 (4,960)	‡ (†)										
4 years.....	174,350 (7,951)	41,200 (380)	38,500 (430)	45,500 (580)	47,600 (2,290)	‡ (†)	44,300 (400)	41,400 (460)	48,900 (620)	51,200 (2,460)	‡ (†)										
5 years.....	148,540 (7,995)	42,800 (530)	39,700 (480)	46,500 (870)	46,700 (2,690)	‡ (†)	46,000 (570)	42,700 (510)	50,000 (930)	50,200 (2,890)	‡ (†)										
6 to 9 years.....	557,050 (14,475)	46,300 (250)	41,800 (380)	50,200 (440)	51,700 (1,130)	52,900 (2,350)	49,800 (270)	44,900 (410)	54,000 (470)	55,600 (1,210)	56,800 (2,520)										
10 to 14 years.....	508,300 (14,867)	50,500 (380)	45,400 (440)	53,400 (560)	56,500 (1,220)	60,400 (4,120)	54,200 (410)	48,800 (470)	57,400 (600)	60,800 (1,310)	64,900 (4,430)										
15 to 19 years.....	350,690 (12,953)	55,000 (480)	48,500 (550)	59,200 (720)	59,600 (1,350)	63,300 (3,460)	59,100 (520)	52,100 (590)	63,600 (780)	64,100 (1,450)	68,000 (3,720)										
20 to 24 years.....	288,110 (11,954)	57,800 (640)	52,800 (780)	60,600 (790)	65,300 (2,160)	68,000 (6,390)	62,200 (680)	56,700 (840)	65,200 (850)	70,200 (2,320)	73,100 (6,870)										
25 to 29 years.....	221,950 (8,609)	60,300 (740)	54,400 (830)	63,300 (1,070)	66,800 (3,310)	‡ (†)	64,800 (800)	58,500 (890)	68,000 (1,150)	71,800 (3,550)	‡ (†)										
30 to 34 years.....	197,490 (8,304)	61,100 (750)	54,900 (1,000)	64,300 (1,000)	63,800 (1,550)	‡ (†)	65,700 (810)	59,000 (1,070)	69,100 (1,070)	68,600 (1,670)	‡ (†)										
35 years or more.....	94,340 (7,055)	61,900 (1,070)	55,400 (1,560)	64,400 (1,500)	68,800 (3,360)	‡ (†)	66,600 (1,150)	59,500 (1,680)	69,200 (1,610)	73,900 (3,620)	‡ (†)										

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes teachers with levels of education below the bachelor's degree (not shown separately).<sup>2</sup>Includes certificate of advanced graduate studies.<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: This table includes regular full-time teachers only; it excludes other staff even when they have full-time teaching duties (regular part-time teachers, itinerant teachers, long-term substitutes, administrators, library media specialists, other professional staff, and support staff). Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire," 1990–91, 1993–94, 1999–2000, 2003–04, and 2007–08; and "Charter Teacher Questionnaire," 1999–2000. (This table was prepared December 2012.)

**Table 87. Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 2007–08**

[Amounts in current dollars. Standard errors appear in parentheses]

		Total school-year and summer earned income from school and nonschool sources		School year supplemental contract <sup>1</sup>		School year income from merit pay bonus and state supplements		Job outside the school system during the school year		Supplemental school system contract during summer <sup>2</sup>		Employed in a nonschool job during the summer		
Selected characteristic	Number of full-time teachers (in thousands)			Base salary	Number of teachers (in thousands)	Average supplement	Number of teachers (in thousands)	Average amount	Number of teachers (in thousands)	Average income	Number of teachers (in thousands)	Average supplement	Number of teachers (in thousands)	Average income
1	2	3		4	5	6	7	8	9	10	11	12	13	14
Public schools														
Total .....	3,114.7 (41.11)	\$53,230 (233)	\$49,630 (203)	1,360.8 (24.34)	\$2,590 (46)	500.3 (13.62)	\$2,030 (62)	507.2 (15.00)	\$5,260 (187)	670.6 (16.34)	\$2,530 (56)	530.3 (14.01)	\$4,410 (177)	
Sex														
Males .....	772.9 (19.75)	56,890 (422)	50,630 (353)	447.1 (12.76)	3,920 (85)	107.6 (5.71)	2,360 (169)	185.5 (7.20)	6,540 (350)	185.3 (8.15)	3,140 (120)	201.6 (6.89)	5,170 (264)	
Females .....	2,341.8 (31.93)	52,020 (230)	49,300 (211)	913.6 (17.88)	1,940 (47)	392.7 (12.20)	1,940 (69)	321.7 (11.95)	4,530 (207)	485.3 (13.51)	2,300 (58)	328.8 (10.97)	3,940 (232)	
Race/ethnicity														
White .....	2,571.2 (37.12)	53,230 (268)	49,630 (233)	1,149.6 (23.34)	2,570 (51)	398.2 (11.14)	2,050 (76)	424.8 (13.04)	5,230 (202)	512.1 (12.64)	2,450 (62)	452.8 (13.03)	4,460 (192)	
Black .....	226.4 (15.06)	52,460 (674)	49,050 (642)	86.9 (6.25)	2,630 (145)	40.9 (4.93)	1,840 (228)	39.1 (5.40)	4,410 (462)	69.0 (5.97)	2,820 (158)	33.9 (4.56)	3,260 (442)	
Hispanic .....	228.1 (15.06)	53,200 (820)	49,360 (725)	88.9 (8.58)	2,880 (297)	46.0 (6.67)	1,880 (203)	30.2 (3.79)	7,110 (814)	63.9 (7.46)	2,720 (188)	30.7 (3.71)	4,760 (736)	
Asian .....	38.6 (6.91)	58,970 (1,354)	55,870 (1,273)	13.8 (2.83)	2,300 (688)	6.1 ! (2.22)	2,640 (563)	4.2 (1.14)	3,620 (679)	11.8 (3.00)	2,970 (317)	3.8 ! (1.21)	5,670 (1,494)	
Pacific Islander .....	6.2 (1.25)	53,660 (2,837)	50,390 (2,835)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	2.3 ! (0.77)	2,810 (624)	† (†)	† (†)	
American Indian/Alaska Native .....	15.1 (1.66)	47,350 (1,601)	44,450 (1,658)	6.0 (0.95)	2,220 (336)	2.9 (0.84)	1,680 (339)	2.4 ! (0.77)	3,730 (576)	3.2 (0.79)	2,300 (238)	2.4 (0.50)	4,060 (1,180)	
Two or more races .....	28.0 (2.93)	54,620 (2,025)	50,100 (1,739)	12.7 (2.03)	2,780 (382)	5.9 (1.34)	2,330 (337)	5.2 (1.24)	5,250 ! (1,729)	7.7 (1.93)	3,090 (350)	5.6 (1.19)	4,810 ! (1,464)	
Age														
Less than 30 .....	567.6 (19.54)	43,560 (255)	39,820 (244)	280.6 (12.13)	2,400 (99)	83.4 (5.38)	1,540 (94)	103.9 (7.06)	3,800 (313)	155.3 (8.27)	2,280 (93)	157.0 (8.69)	3,630 (207)	
30 to 39 .....	823.8 (16.43)	50,050 (301)	46,380 (266)	387.4 (10.56)	2,670 (87)	119.6 (6.46)	1,820 (101)	136.6 (7.22)	5,210 (311)	183.6 (8.28)	2,420 (75)	145.7 (6.89)	4,250 (324)	
40 to 49 .....	737.2 (18.27)	54,410 (378)	50,920 (341)	322.1 (10.62)	2,640 (99)	133.2 (7.60)	1,810 (101)	114.6 (6.96)	5,260 (347)	149.5 (7.51)	2,500 (90)	112.3 (6.17)	4,490 (298)	
50 or more .....	986.1 (24.78)	60,570 (384)	57,010 (361)	370.7 (13.81)	2,610 (89)	164.1 (6.59)	2,600 (142)	152.1 (7.81)	6,310 (435)	182.2 (6.79)	2,880 (121)	115.2 (7.12)	5,590 (588)	
Years of full-time teaching experience														
1 year or less .....	211.5 (12.03)	42,210 (378)	38,210 (332)	74.0 (6.01)	1,990 (119)	25.8 (3.02)	1,610 (182)	35.9 (4.64)	4,790 (593)	42.1 (3.70)	2,730 (180)	73.1 (5.23)	5,090 (343)	
2 to 4 years .....	536.7 (17.78)	43,490 (301)	39,940 (246)	248.2 (9.67)	2,390 (117)	85.6 (5.46)	1,580 (125)	90.7 (5.77)	4,800 (392)	134.5 (8.28)	2,430 (100)	115.5 (7.02)	3,570 (321)	
5 to 9 years .....	705.6 (16.60)	49,120 (280)	45,590 (241)	341.4 (10.63)	2,490 (89)	104.9 (7.57)	1,850 (152)	120.0 (6.56)	4,880 (323)	169.2 (8.78)	2,280 (79)	121.5 (6.57)	3,900 (279)	
10 to 14 years .....	508.3 (14.87)	54,150 (392)	50,470 (377)	226.8 (9.51)	2,750 (123)	78.9 (4.88)	2,100 (116)	84.0 (5.13)	5,680 (403)	104.1 (6.01)	2,540 (105)	74.5 (4.49)	4,630 (362)	
15 to 19 years .....	350.7 (12.95)	58,260 (518)	55,000 (484)	150.5 (7.35)	2,660 (139)	57.8 (4.70)	2,040 (166)	51.1 (5.00)	4,850 (500)	69.1 (5.80)	2,610 (134)	44.7 (4.14)	4,440 (517)	
20 to 24 years .....	288.1 (11.95)	61,210 (650)	57,830 (636)	120.8 (7.72)	2,610 (163)	52.2 (4.68)	1,980 (166)	45.3 (3.92)	4,700 (466)	53.9 (5.32)	2,630 (182)	40.5 (4.31)	4,950 (926)	
25 to 29 years .....	221.9 (8.61)	63,860 (772)	60,260 (740)	86.9 (6.23)	2,980 (199)	40.8 (3.93)	2,300 (349)	34.3 (4.06)	5,940 (741)	47.7 (4.00)	2,810 (248)	26.8 (2.68)	4,020 (412)	
30 or more years .....	291.8 (12.05)	65,470 (711)	61,380 (617)	112.2 (7.66)	3,000 (165)	54.1 (4.03)	3,000 (301)	45.8 (4.09)	7,300 (1,102)	50.0 (3.80)	2,980 (184)	33.8 (3.37)	6,770 (1,159)	
Highest degree earned														
Less than bachelor's degree ..	24.1 (2.10)	53,880 (2,123)	47,210 (1,680)	9.1 (1.15)	2,610 (355)	3.3 (0.50)	2,390 (670)	4.8 (0.72)	11,440 (2,984)	5.7 (0.94)	4,820 (1,022)	5.2 (0.68)	9,030 ! (2,878)	
Bachelor's degree .....	1,500.7 (27.51)	47,060 (233)	43,650 (220)	644.8 (17.50)	2,490 (61)	260.1 (10.37)	1,660 (76)	233.5 (8.92)	4,800 (209)	322.6 (11.72)	2,370 (71)	300.2 (10.86)	4,020 (188)	
Master's degree .....	1,374.4 (25.18)	58,460 (324)	54,810 (281)	616.8 (14.27)	2,650 (67)	205.4 (6.86)	2,380 (110)	226.1 (9.66)	5,320 (318)	293.6 (11.50)	2,610 (85)	198.0 (9.62)	4,730 (313)	
Education specialist <sup>3</sup> .....	189.5 (8.04)	62,410 (805)	58,420 (722)	78.8 (5.08)	2,850 (240)	26.9 (2.96)	2,720 (390)	35.2 (3.17)	6,250 (799)	41.8 (3.95)	2,660 (168)	23.7 (2.09)	5,360 (1,436)	
Doctor's degree .....	25.9 (2.59)	65,560 (1,981)	59,150 (1,620)	11.2 (1.74)	2,910 (383)	4.5 (1.14)	2,580 (621)	7.6 (1.49)	9,480 (1,806)	6.8 (1.24)	4,200 (703)	3.3 (0.76)	6,520 ! (3,255)	
Instructional level														
Elementary .....	1,539.7 (33.95)	51,660 (375)	49,220 (353)	504.8 (19.48)	1,630 (70)	244.2 (11.12)	1,940 (108)	203.9 (10.27)	4,730 (321)	314.5 (13.18)	2,190 (67)	220.1 (9.27)	3,700 (241)	
Secondary .....	1,575.0 (36.69)	54,770 (305)	50,020 (276)	856.0 (21.49)	3,160 (58)	256.1 (10.51)	2,110 (90)	303.4 (11.10)	5,620 (221)	356.1 (12.47)	2,830 (83)	310.2 (10.42)	4,920 (236)	
School locale														
City .....	819.6 (29.02)	54,880 (463)	51,230 (432)	330.7 (14.47)	2,600 (106)	139.0 (8.13)	2,190 (151)	128.2 (8.36)	5,710 (404)	192.7 (12.64)	2,840 (100)	137.1 (7.42)	4,110 (304)	
Suburban .....	1,083.3 (36.37)	57,920 (512)	54,220 (468)	499.7 (20.06)	2,610 (82)	153.4 (10.40)	2,000 (109)	180.4 (9.12)	5,210 (323)	233.1 (12.02)	2,540 (84)	178.6 (8.44)	4,830 (460)	
Town .....	431.4 (24.40)	48,520 (581)	45,190 (540)	180.9 (10.74)	2,610 (113)	69.5 (5.80)	1,970 (236)	69.4 (5.63)	4,780 (414)	89.1 (6.65)	2,090 (94)	73.6 (5.59)	4,230 (406)	
Rural .....	780.4 (36.37)	47,600 (378)	44,020 (324)	349.5 (17.72)	2,550 (108)	138.4 (9.26)	1,910 (92)	129.1 (10.51)	5,140 (369)	155.8 (9.08)	2,390 (117)	141.1 (10.21)	4,250 (208)	

See notes at end of table.



**Table 87. Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 2007–08—Continued**

[Amounts in current dollars. Standard errors appear in parentheses]

Selected characteristic	Number of full-time teachers (in thousands)	Total school-year and summer earned income from school and nonschool sources	Base salary	School year supplemental contract <sup>1</sup>		School year income from merit pay bonus and state supplements		Job outside the school system during the school year		Supplemental school system contract during summer <sup>2</sup>		Employed in a nonschool job during the summer	
				Number of teachers (in thousands)	Average supplement	Number of teachers (in thousands)	Average amount	Number of teachers (in thousands)	Average income	Number of teachers (in thousands)	Average supplement	Number of teachers (in thousands)	Average income
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Private schools													
Total .....	386.8 (9.06)	\$39,690 (403)	\$36,250 (323)	108.5 (5.02)	\$2,700 (132)	31.2 (2.82)	\$1,870 (195)	75.5 (3.86)	\$5,910 (394)	84.8 (4.12)	\$3,090 (159)	74.8 (3.90)	\$3,660 (266)
Sex													
Males .....	98.6 (3.84)	46,900 (853)	40,490 (709)	42.8 (3.21)	3,030 (163)	8.6 (1.26)	2,860 (551)	28.0 (2.08)	8,850 (932)	30.8 (2.65)	3,260 (266)	26.9 (1.86)	4,860 (532)
Females .....	288.2 (7.51)	37,220 (417)	34,800 (347)	65.7 (3.48)	2,480 (213)	22.6 (2.44)	1,490 (190)	47.5 (2.92)	4,180 (307)	54.0 (2.93)	3,000 (194)	48.0 (3.00)	2,990 (237)
Race/ethnicity													
White.....	333.1 (8.19)	39,930 (429)	36,580 (363)	94.7 (4.61)	2,580 (131)	28.1 (2.66)	1,960 (222)	65.9 (3.14)	5,900 (431)	67.6 (4.08)	2,990 (171)	65.2 (3.39)	3,560 (273)
Black.....	16.5 (1.95)	34,380 (1,330)	30,310 (1,111)	3.2 (0.68)	3,990 (591)	† (†)	† (†)	3.4 (0.83)	4,330 (1,190)	6.6 (0.92)	3,890 (726)	3.4 (0.81)	4,220 ! (1,282)
Hispanic.....	23.1 (1.71)	38,200 (1,626)	34,080 (1,232)	6.3 (0.95)	4,420 (1,099)	† (†)	† (†)	4.3 (0.80)	6,300 (1,187)	6.5 (0.90)	2,660 (449)	4.2 (0.78)	4,810 (1,305)
Asian.....	8.4 (1.10)	41,310 (1,909)	37,850 (1,822)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Two or more races .....	2.7 (0.51)	46,710 (3,841)	43,260 (3,363)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Age													
Less than 30 .....	69.4 (3.65)	34,170 (575)	30,260 (483)	21.6 (1.73)	2,320 (154)	5.5 (0.89)	1,380 ! (564)	15.7 (1.64)	4,800 (778)	20.3 (1.83)	2,980 (238)	23.0 (1.72)	3,510 (239)
30 to 39 .....	89.2 (4.55)	38,500 (718)	34,840 (652)	25.6 (2.42)	3,150 (268)	6.6 (1.04)	1,710 (396)	18.0 (1.66)	5,790 (1,420)	22.3 (2.38)	2,790 (237)	17.3 (1.80)	3,900 (501)
40 to 49 .....	89.2 (3.00)	38,760 (676)	35,280 (551)	24.3 (1.84)	2,480 (326)	8.7 (1.69)	1,480 (253)	17.7 (1.97)	6,350 (641)	15.8 (1.62)	3,880 (570)	16.7 (1.50)	3,800 (537)
50 or more .....	139.0 (5.09)	43,780 (647)	40,750 (599)	37.0 (2.81)	2,750 (294)	10.4 (1.45)	2,560 (461)	24.1 (1.69)	6,400 (635)	26.3 (2.17)	2,970 (233)	17.8 (1.48)	3,500 (745)
Years of full-time teaching experience													
1 year or less .....	40.0 (2.31)	32,120 (784)	28,260 (660)	9.2 (1.04)	2,200 (220)	3.5 (0.82)	1,470 (348)	7.8 (0.99)	5,960 (1,118)	9.1 (1.09)	3,290 (405)	13.0 (1.11)	4,080 (402)
2 to 4 years .....	74.3 (3.72)	34,220 (868)	30,890 (626)	20.1 (2.24)	2,370 (229)	6.5 (1.16)	1,330 ! (522)	16.1 (1.44)	5,250 (631)	17.7 (2.29)	2,920 (422)	16.6 (1.42)	3,390 (546)
5 to 9 years .....	83.6 (4.32)	38,110 (707)	34,620 (577)	23.6 (1.83)	2,420 (177)	6.4 (0.94)	1,360 (396)	17.9 (2.13)	6,530 (1,418)	19.0 (1.66)	2,960 (215)	17.1 (1.89)	3,090 (305)
10 to 14 years .....	60.1 (3.16)	41,310 (687)	37,510 (666)	18.5 (2.04)	3,250 (419)	5.5 (1.27)	1,850 (425)	11.8 (1.36)	5,200 (847)	13.4 (1.34)	3,360 (490)	11.9 (1.26)	4,370 (869)
15 to 19 years .....	33.0 (2.35)	42,740 (1,121)	39,220 (896)	9.8 (1.13)	2,900 (544)	† (†)	† (†)	6.1 (1.08)	6,620 (1,385)	7.2 (1.05)	3,590 (675)	4.2 (0.79)	4,520 (1,257)
20 to 24 years .....	31.3 (2.46)	43,880 (1,482)	41,180 (1,480)	9.4 (1.70)	2,890 (481)	† (†)	† (†)	4.9 (0.73)	4,570 (702)	6.6 (1.27)	2,960 (453)	4.0 (0.78)	2,820 (547)
25 to 29 years .....	25.2 (1.87)	42,910 (1,133)	40,460 (950)	6.5 (0.85)	2,150 (525)	† (†)	† (†)	3.5 (0.55)	6,920 (1,902)	4.7 (0.74)	2,100 (233)	3.2 (0.50)	2,940 (641)
30 or more years .....	39.3 (2.56)	50,560 (1,309)	46,840 (1,212)	11.5 (1.62)	3,340 (532)	3.3 (0.74)	4,380 (1,058)	7.3 (0.95)	6,760 (1,386)	7.1 (1.03)	3,420 (692)	4.9 (0.86)	4,250 ! (1,569)
Highest degree earned													
Less than bachelor's degree..	27.2 (1.84)	26,670 (1,126)	23,610 (938)	3.4 (0.74)	4,260 (1,195)	† (†)	† (†)	4.8 (0.75)	5,740 (1,052)	5.9 (0.98)	3,300 (510)	5.9 (0.95)	3,440 (591)
Bachelor's degree .....	217.1 (6.33)	36,880 (418)	33,770 (343)	56.7 (3.30)	2,720 (161)	17.4 (1.92)	1,700 (220)	40.4 (2.78)	4,840 (323)	44.6 (2.70)	3,160 (235)	45.2 (2.77)	3,540 (243)
Master's degree .....	124.3 (4.85)	45,340 (755)	41,660 (605)	42.7 (3.43)	2,520 (179)	11.2 (1.58)	1,760 (338)	25.1 (1.93)	6,260 (758)	29.5 (2.62)	3,000 (235)	20.2 (1.50)	4,130 (769)
Education specialist <sup>3</sup> .....	10.1 (1.17)	50,880 (2,803)	43,560 (1,626)	2.8 (0.56)	2,850 (604)	† (†)	† (†)	† (†)	† (†)	2.7 (0.66)	2,420 (420)	2.3 (0.66)	3,460 (696)
Doctor's degree.....	8.0 (1.35)	57,490 (3,479)	52,660 (3,187)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Instructional level													
Elementary.....	209.1 (5.99)	35,730 (399)	33,160 (354)	37.6 (2.62)	2,640 (290)	14.3 (1.86)	1,560 (258)	34.6 (2.29)	4,870 (339)	40.3 (2.34)	3,280 (249)	36.5 (2.18)	3,230 (221)
Secondary.....	177.7 (6.87)	44,350 (689)	39,890 (581)	71.0 (4.54)	2,730 (143)	16.9 (2.01)	2,130 (330)	40.8 (2.96)	6,790 (735)	44.4 (3.16)	2,930 (202)	38.3 (2.98)	4,080 (441)
School locale													
City.....	163.5 (6.43)	41,770 (580)	38,240 (500)	50.5 (3.70)	2,680 (143)	14.8 (1.97)	2,110 (312)	31.9 (2.45)	5,710 (489)	40.1 (3.04)	3,210 (250)	26.6 (2.02)	3,720 (385)
Suburban .....	140.6 (5.91)	41,730 (658)	38,100 (583)	40.2 (2.98)	2,740 (288)	10.1 (1.41)	1,560 (242)	27.3 (2.04)	6,670 (932)	30.8 (2.43)	3,130 (300)	27.9 (2.36)	3,790 (512)
Town.....	29.8 (2.46)	31,040 (1,010)	28,600 (1,016)	7.4 (1.16)	2,550 (564)	† (†)	1,180 ! (372)	5.7 (0.94)	3,920 (501)	5.0 (0.86)	2,470 (521)	7.3 (1.06)	2,400 (416)
Rural .....	52.9 (3.62)	32,660 (1,059)	29,450 (932)	10.5 (1.42)	2,770 (312)	3.7 (0.89)	2,230 ! (734)	10.5 (1.28)	5,620 (744)	9.0 (1.41)	2,770 (250)	13.0 (1.66)	3,980 (519)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes compensation for extracurricular or additional activities such as coaching, student activity sponsorship, or teaching evening classes.<sup>2</sup>Includes teaching summer sessions and other nonteaching jobs at any school.<sup>3</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificates of advanced graduate studies.

NOTE: This table includes regular full-time teachers only; it excludes other staff even when they have full-time teaching duties (regular part-time teachers, itinerant teachers, long-term substitutes, administrators, library media specialists, other professional staff, and support staff). Elementary schools are those with any of grades kindergarten through grade 6 and none of grades 9 through 12. Secondary schools have any of grades 7 through 12, and none of grades kindergarten through grade 6. Combined schools have both elementary and secondary grades, or have all students in ungraded classrooms. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and missing values in cells with too few cases to report.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public Teacher Questionnaire" and "Private Teacher Questionnaire," 2007–08. (This table was prepared October 2009.)





**Table 90. Estimated average annual salary of teachers in public elementary and secondary schools: Selected years, 1959–60 through 2011–12**

School year	Current dollars					Average public school teachers' salary in constant 2011–12 dollars <sup>2</sup>		
	Average public school teachers' salary			Wage and salary accruals per full-time-equivalent (FTE) employee <sup>1</sup>	Ratio of average teachers' salary to accruals per FTE employee	All teachers	Elementary teachers	Secondary teachers
	All teachers	Elementary teachers	Secondary teachers					
1	2	3	4	5	6	7	8	9
1959–60.....	\$4,995	\$4,815	\$5,276	\$4,749	1.05	\$38,685	\$37,291	\$40,861
1961–62.....	5,515	5,340	5,775	5,063	1.09	41,753	40,428	43,722
1963–64.....	5,995	5,805	6,266	5,478	1.09	44,234	42,832	46,233
1965–66.....	6,485	6,279	6,761	5,934	1.09	46,250	44,781	48,219
1967–68.....	7,423	7,208	7,692	6,533	1.14	49,671	48,232	51,471
1969–70.....	8,626	8,412	8,891	7,486	1.15	51,965	50,676	53,561
1970–71.....	9,268	9,021	9,568	7,998	1.16	53,092	51,677	54,810
1971–72.....	9,705	9,424	10,031	8,521	1.14	53,670	52,116	55,473
1972–73.....	10,174	9,893	10,507	9,056	1.12	54,084	52,591	55,855
1973–74.....	10,770	10,507	11,077	9,667	1.11	52,566	51,282	54,064
1974–75.....	11,641	11,334	12,000	10,411	1.12	51,148	49,800	52,726
1975–76.....	12,600	12,280	12,937	11,194	1.13	51,702	50,389	53,085
1976–77.....	13,354	12,989	13,776	11,971	1.12	51,777	50,362	53,413
1977–78.....	14,198	13,845	14,602	12,811	1.11	51,586	50,303	53,054
1978–79.....	15,032	14,681	15,450	13,807	1.09	49,938	48,772	51,327
1979–80.....	15,970	15,569	16,459	15,050	1.06	46,812	45,637	48,246
1980–81.....	17,644	17,230	18,142	16,461	1.07	46,351	45,263	47,659
1981–82.....	19,274	18,853	19,805	17,795	1.08	46,607	45,589	47,891
1982–83.....	20,695	20,227	21,291	18,873	1.10	47,982	46,897	49,364
1983–84.....	21,935	21,487	22,554	19,781	1.11	49,042	48,040	50,426
1984–85.....	23,600	23,200	24,187	20,694	1.14	50,777	49,916	52,040
1985–86.....	25,199	24,718	25,846	21,685	1.16	52,698	51,692	54,051
1986–87.....	26,569	26,057	27,244	22,700	1.17	54,356	53,308	55,737
1987–88.....	28,034	27,519	28,798	23,777	1.18	55,071	54,059	56,572
1988–89.....	29,564	29,022	30,218	24,752	1.19	55,513	54,495	56,741
1989–90.....	31,367	30,832	32,049	25,762	1.22	56,216	55,257	57,438
1990–91.....	33,084	32,490	33,896	26,935	1.23	56,220	55,210	57,599
1991–92.....	34,063	33,479	34,827	28,169	1.21	56,086	55,124	57,344
1992–93.....	35,029	34,350	35,880	29,245	1.20	55,930	54,845	57,288
1993–94.....	35,737	35,233	36,566	30,030	1.19	55,619	54,835	56,909
1994–95.....	36,675	36,088	37,523	30,857	1.19	55,489	54,601	56,772
1995–96.....	37,642	37,138	38,397	31,822	1.18	55,443	54,701	56,555
1996–97.....	38,443	38,039	39,184	33,058	1.16	55,052	54,474	56,114
1997–98.....	39,350	39,002	39,944	34,635	1.14	55,364	54,874	56,200
1998–99.....	40,544	40,165	41,203	36,306	1.12	56,073	55,549	56,985
1999–2000.....	41,807	41,306	42,546	38,176	1.10	56,198	55,524	57,191
2000–01.....	43,378	42,910	44,053	39,722	1.09	56,378	55,770	57,255
2001–02.....	44,655	44,177	45,310	40,579	1.10	57,028	56,417	57,864
2002–03.....	45,686	45,408	46,106	41,704	1.10	57,090	56,742	57,615
2003–04.....	46,542	46,187	46,976	43,301	1.07	56,914	56,480	57,445
2004–05.....	47,516	47,122	47,688	44,941	1.06	54,339	53,888	54,535
2005–06.....	49,086	48,573	49,496	46,755	1.05	54,719	54,147	55,176
2006–07.....	51,052	50,740	51,529	48,867	1.04	54,877	54,542	55,390
2007–08.....	52,800	52,385	53,262	50,670	1.04	55,975	55,535	56,465
2008–09.....	54,319	53,998	54,552	51,608	1.05	57,033	56,696	57,278
2009–10.....	55,202	54,918	55,595	52,533	1.05	57,960	57,662	58,373
2010–11.....	55,623	55,217	56,225	53,974	1.03	57,253	56,835	57,872
2011–12.....	56,643	56,384	57,008	—	—	56,643	56,384	57,008

—Not available.

<sup>1</sup>The average monetary remuneration earned by FTE employees across all industries in a given year, including wages, salaries, commissions, tips, bonuses, voluntary employee contributions to certain deferred compensation plans, and receipts in kind that represent income. Calendar-year data from the U.S. Department of Commerce, Bureau of Economic Analysis, have been converted to a school-year basis by averaging the two appropriate calendar years in each case.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Some data have been revised from previously published figures. Standard errors are not available for these estimates, which are based on state reports.

SOURCE: National Education Association, *Estimates of School Statistics*, 1959–60 through 2011–12; and unpublished tabulations. U.S. Department of Commerce, Bureau of Economic Analysis, National Income and Product Accounts, tables 6.6B-D, retrieved November 2, 2011, from <http://www.bea.gov/national/nipaweb/SelectTable.asp>. (This table was prepared May 2012.)

**Table 91. Estimated average annual salary of teachers in public elementary and secondary schools, by state: Selected years, 1969–70 through 2011–12**

State	Current dollars							Constant 2011–12 dollars <sup>1</sup>							Percent change, 1999–2000 to 2011–12
	1969–70	1979–80	1989–90	1999–2000	2009–10	2010–11	2011–12	1969–70	1979–80	1989–90	1999–2000	2009–10	2010–11	2011–12	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States...</b>	<b>\$8,626</b>	<b>\$15,970</b>	<b>\$31,367</b>	<b>\$41,807</b>	<b>\$55,202</b>	<b>\$55,623</b>	<b>\$56,643</b>	<b>\$51,965</b>	<b>\$46,812</b>	<b>\$56,216</b>	<b>\$56,198</b>	<b>\$57,960</b>	<b>\$57,253</b>	<b>\$56,643</b>	<b>0.8</b>
Alabama .....	6,818	13,060	24,828	36,689	47,571	47,803	48,003	41,073	38,282	44,497	49,318	49,948	49,204	48,003	-2.7
Alaska .....	10,560	27,210	43,153	46,462	59,672	62,918	62,425	63,616	79,760	77,339	62,455	62,654	64,761	62,425	#
Arizona .....	8,711	15,054	29,402	36,902	46,952	47,553	48,691	52,477	44,127	52,694	49,604	49,298	48,946	48,691	-1.8
Arkansas .....	6,307	12,299	22,352	33,386	46,700	46,500	46,959	37,995	36,052	40,059	44,878	49,033	47,862	46,959	4.6
California .....	10,315	18,020	37,998	47,680	68,203	67,871	69,496	62,140	52,822	68,100	64,092	71,611	69,860	69,496	8.4
Colorado .....	7,761	16,205	30,758	38,163	49,202	49,228	50,407	46,754	47,501	55,125	51,299	51,660	50,670	50,407	-1.7
Connecticut .....	9,262	16,229	40,461	51,780	64,350	69,165	70,821	55,796	47,572	72,514	69,604	67,565	71,191	70,821	1.7
Delaware .....	9,015	16,148	33,377	44,435	57,080	57,934	58,800	54,308	47,334	59,818	59,730	59,932	59,631	58,800	-1.6
District of Columbia ..	10,285	22,190	38,402	47,076	64,548	66,601	68,720	61,959	65,045	68,824	63,280	67,773	68,552	68,720	8.6
Florida .....	8,412	14,149	28,803	36,722	46,708	45,732	46,232	50,676	41,475	51,621	49,362	49,042	47,072	46,232	-6.3
Georgia .....	7,276	13,853	28,006	41,023	53,112	52,815	52,938	43,832	40,607	50,192	55,144	55,766	54,362	52,938	-4.0
Hawaii .....	9,453	19,920	32,047	40,578	55,063	55,063	54,268	56,947	58,391	57,435	54,546	57,814	56,676	54,268	-0.5
Idaho .....	6,890	13,611	23,861	35,547	46,283	47,416	48,551	41,507	39,898	42,764	47,783	48,596	48,805	48,551	1.6
Illinois .....	9,569	17,601	32,794	46,486	62,077	64,509	66,053	57,646	51,593	58,773	62,487	65,179	66,399	66,053	5.7
Indiana .....	8,833	15,599	30,902	41,850	49,986	50,801	51,629	53,212	45,725	55,383	56,255	52,484	52,289	51,629	-8.2
Iowa .....	8,355	15,203	26,747	35,678	49,626	49,844	51,037	50,332	44,564	47,936	47,959	52,106	51,304	51,037	6.4
Kansas .....	7,612	13,690	28,744	34,981	46,657	46,598	46,718	45,856	40,129	51,515	47,022	48,988	47,963	46,718	-0.6
Kentucky .....	6,953	14,520	26,292	36,380	49,543	48,908	49,730	41,886	42,562	47,121	48,903	52,019	50,341	49,730	1.7
Louisiana .....	7,028	13,760	24,300	33,109	48,903	49,006	50,179	42,338	40,334	43,550	44,506	51,347	50,442	50,179	12.7
Maine .....	7,572	13,071	26,881	35,561	46,106	47,182	48,283	45,615	38,315	48,176	47,802	48,410	48,564	48,283	1.0
Maryland .....	9,383	17,558	36,319	44,048	63,971	63,960	63,634	56,525	51,467	65,091	59,210	67,167	65,834	63,634	7.5
Massachusetts .....	8,764	17,253	34,712	46,580	69,273	70,752	72,000	52,796	50,573	62,211	62,614	72,734	72,825	72,000	15.0
Michigan .....	9,826	19,663	37,072	49,044	57,958	63,940	64,879	59,194	57,638	66,440	65,926	60,854	65,813	64,879	-1.6
Minnesota .....	8,658	15,912	32,190	39,802	52,431	53,680	54,959	52,158	46,642	57,691	53,503	55,051	55,253	54,959	2.7
Mississippi .....	5,798	11,850	24,292	31,857	45,644	41,975	41,646	34,928	34,736	43,536	42,823	47,925	43,205	41,646	-2.7
Missouri .....	7,799	13,682	27,094	35,656	45,317	45,321	46,406	46,983	40,106	48,558	47,929	47,581	46,649	46,406	-3.2
Montana .....	7,606	14,537	25,081	32,121	45,759	47,132	48,546	45,820	42,612	44,950	43,178	48,045	48,513	48,546	12.4
Nebraska .....	7,375	13,516	25,522	33,237	46,227	47,368	48,718	44,429	39,619	45,741	44,678	48,537	48,756	48,718	9.0
Nevada .....	9,215	16,295	30,590	39,390	51,524	53,023	54,559	55,513	47,765	54,823	52,949	54,099	54,577	54,559	3.0
New Hampshire .....	7,771	13,017	28,986	37,734	51,443	52,792	54,177	46,814	38,156	51,949	50,723	54,013	54,339	54,177	6.8
New Jersey .....	9,130	17,161	35,676	52,015	65,130	66,612	68,207	55,001	50,304	63,939	69,919	68,384	68,564	68,207	-2.4
New Mexico .....	7,796	14,887	24,756	32,554	46,258	46,888	48,011	46,965	43,638	44,368	43,760	48,569	48,262	48,011	9.7
New York .....	10,336	19,812	38,925	51,020	71,633	72,708	74,449	62,266	58,074	69,761	68,582	75,212	74,838	74,449	8.6
North Carolina .....	7,494	14,117	27,883	39,404	46,850	46,605	46,605	45,145	41,381	49,972	52,968	49,191	47,970	46,605	-12.0
North Dakota .....	6,696	13,263	23,016	29,863	42,964	44,807	46,058	40,338	38,878	41,249	40,142	45,111	46,120	46,058	14.7
Ohio .....	8,300	15,269	31,218	41,436	55,958	56,715	57,528	50,001	44,758	55,949	55,699	58,754	58,377	57,528	3.3
Oklahoma .....	6,882	13,107	23,070	31,298	47,691	44,343	44,156	41,459	38,420	41,346	42,071	50,074	45,642	44,156	5.0
Oregon .....	8,818	16,266	30,840	42,336	55,224	56,503	57,348	53,122	47,680	55,271	56,909	57,983	58,158	57,348	0.8
Pennsylvania .....	8,858	16,515	33,338	48,321	59,156	60,760	62,215	53,363	48,410	59,748	64,954	62,112	62,540	62,215	-4.2
Rhode Island .....	8,776	18,002	36,057	47,041	59,686	60,923	62,186	52,869	52,769	64,621	63,233	62,668	62,708	62,186	-1.7
South Carolina .....	6,927	13,063	27,217	36,081	47,508	47,050	48,176	41,730	38,291	48,778	48,501	49,882	48,429	48,176	-0.7
South Dakota .....	6,403	12,348	21,300	29,071	38,837	39,850	39,850	38,573	36,195	38,174	39,078	40,778	41,018	39,850	2.0
Tennessee .....	7,050	13,972	27,052	36,328	46,290	45,891	46,613	42,471	40,956	48,483	48,833	48,603	47,236	46,613	-4.5
Texas .....	7,255	14,132	27,496	37,567	48,261	48,638	49,017	43,706	41,425	49,278	50,498	50,672	50,063	49,017	-2.9
Utah .....	7,644	14,909	23,686	34,946	45,885	47,033	48,159	46,049	43,702	42,450	46,975	48,178	48,411	48,159	2.5
Vermont .....	7,968	12,844	29,012	37,758	49,084	50,141	51,306	48,001	36,594	51,995	50,755	51,537	51,610	51,306	1.1
Virginia .....	8,070	14,060	30,938	38,744	50,015	48,761	49,560	48,615	41,214	55,447	52,080	52,514	50,190	49,560	-4.8
Washington .....	9,225	18,820	30,457	41,043	53,003	52,926	54,193	55,573	55,167	54,585	55,171	55,651	54,477	54,193	-1.8
West Virginia .....	7,650	13,710	22,842	35,009	45,959	44,260	45,320	46,085	40,188	40,937	47,060	48,255	45,557	45,320	-3.7
Wisconsin .....	8,963	16,006	31,921	41,153	51,264	54,195	55,492	53,995	46,918	57,209	55,319	53,826	55,783	55,492	0.3
Wyoming .....	8,232	16,012	28,141	34,127	55,861	56,100	57,222	49,591	46,936	50,434	45,874	58,652	57,744	57,222	24.7

#Rounds to zero.

<sup>1</sup>Constant dollars based on the Consumer Price Index (CPI), prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. The CPI does not account for differences in inflation rates from state to state.

NOTE: Some data have been revised from previously published figures. Standard errors are not available for these estimates, which are based on state reports.

SOURCE: National Education Association, *Estimates of School Statistics*, 1969–70 through 2011–12. (This table was prepared April 2012.)

**Table 92. Staff employed in public elementary and secondary school systems, by type of assignment: Selected years, 1949–50 through fall 2010**  
[In full-time equivalents]

School year	School district administrative staff				Instructional staff						Support staff <sup>1</sup>
	Total	Total	Officials and administrators	Instruction coordinators	Total	Principals and assistant principals	Teachers	Instructional aides	Librarians	Guidance counselors	
1	2	3	4	5	6	7	8	9	10	11	12
1949–50 <sup>2</sup>	1,300,031	33,642	23,868	9,774	956,808	43,137	913,671	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	309,582
1959–60 <sup>2</sup>	2,089,283	42,423	28,648	13,775	1,448,931	63,554	1,353,372	( <sup>3</sup> )	17,363	14,643	597,929
1969–70 <sup>2</sup>	3,366,763	65,282	33,745	31,537	2,255,707	90,593	2,016,244	57,418	42,689	48,763	1,039,774
Fall 1980 <sup>2</sup>	4,168,286	78,784	58,230	20,554	2,729,023	107,061	2,184,216	325,755	48,018	63,973	1,360,479
Fall 1990	4,494,076	75,868	—	—	3,051,404	127,417	2,398,169	395,959	49,909	79,950	1,366,804
Fall 1995	4,994,358	82,998	49,315	33,683	3,351,528	120,629	2,598,220	494,289	50,862	87,528	1,559,832
Fall 1996	5,091,205	81,975	48,480	33,495	3,447,580	123,734	2,667,419	516,356	51,464	88,607	1,561,650
Fall 1997	5,266,415	85,267	50,432	34,835	3,572,955	126,129	2,746,157	557,453	52,142	91,074	1,608,193
Fall 1998	5,419,181	88,939	52,975	35,964	3,693,630	129,317	2,830,286	588,108	52,805	93,114	1,636,612
Fall 1999	5,632,004	94,134	55,467	38,667	3,819,057	137,199	2,910,633	621,942	53,659	95,624	1,718,813
Fall 2000	5,709,753	97,270	57,837	39,433	3,876,628	141,792	2,941,461	641,392	54,246	97,737	1,735,855
Fall 2001	5,904,195	109,526	63,517	46,009	3,989,211	160,543	2,999,528	674,741	54,350	100,049	1,805,458
Fall 2002	5,954,661	110,777	62,781	47,996	4,016,963	164,171	3,034,123	663,552	54,205	100,912	1,826,921
Fall 2003	5,953,667	107,483	63,418	44,065	4,052,739	165,233	3,048,652	685,118	54,349	99,387	1,793,445
Fall 2004	6,058,174	111,832	64,101	47,731	4,120,063	165,657	3,090,925	707,514	54,145	101,822	1,826,279
Fall 2005	6,130,686	121,164	62,464	58,700	4,151,236	156,454	3,143,003	693,792	54,057	103,930	1,858,286
Fall 2006	6,153,735	118,707	53,722	64,985	4,186,968	153,673	3,166,391	709,715	54,444	102,745	1,848,060
Fall 2007	6,215,635	130,046	59,369	70,677	4,213,729	157,564	3,178,142	718,119	54,385	105,519	1,871,860
Fall 2008	6,326,702	135,706	62,153	73,553	4,277,674	159,897	3,222,154	734,010	53,805	107,808	1,913,322
Fall 2009	6,351,157	138,471	63,969	74,502	4,279,488	168,450	3,209,672	741,337	52,545	107,484	1,933,198
Fall 2010	6,195,207	133,833	64,597	69,236	4,151,225	165,047	3,099,095	731,705	50,300	105,079	1,910,150
Percentage distribution											
1949–50 <sup>2</sup>	100.0	2.6	1.8	0.8	73.6	3.3	70.3	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	23.8
1959–60 <sup>2</sup>	100.0	2.0	1.4	0.7	69.4	3.0	64.8	( <sup>3</sup> )	0.8	0.7	28.6
1969–70 <sup>2</sup>	100.0	1.9	1.0	0.9	67.1	2.7	60.0	1.7	1.3	1.5	30.9
Fall 1980 <sup>2</sup>	100.0	1.9	1.4	0.5	65.5	2.6	52.4	7.8	1.2	1.5	32.6
Fall 1990	100.0	1.7	—	—	67.9	2.8	53.4	8.8	1.1	1.8	30.4
Fall 1995	100.0	1.7	1.0	0.7	67.1	2.4	52.0	9.9	1.0	1.8	31.2
Fall 1996	100.0	1.6	1.0	0.7	67.7	2.4	52.4	10.1	1.0	1.7	30.7
Fall 1997	100.0	1.6	1.0	0.7	67.8	2.4	52.1	10.6	1.0	1.7	30.5
Fall 1998	100.0	1.6	1.0	0.7	68.2	2.4	52.2	10.9	1.0	1.7	30.2
Fall 1999	100.0	1.7	1.0	0.7	67.8	2.4	51.7	11.0	1.0	1.7	30.5
Fall 2000	100.0	1.7	1.0	0.7	67.9	2.5	51.5	11.2	1.0	1.7	30.4
Fall 2001	100.0	1.9	1.1	0.8	67.6	2.7	50.8	11.4	0.9	1.7	30.6
Fall 2002	100.0	1.9	1.1	0.8	67.5	2.8	51.0	11.1	0.9	1.7	30.7
Fall 2003	100.0	1.8	1.1	0.7	68.1	2.8	51.2	11.5	0.9	1.7	30.1
Fall 2004	100.0	1.8	1.1	0.8	68.0	2.7	51.0	11.7	0.9	1.7	30.1
Fall 2005	100.0	2.0	1.0	1.0	67.7	2.6	51.3	11.3	0.9	1.7	30.3
Fall 2006	100.0	1.9	0.9	1.1	68.0	2.5	51.5	11.5	0.9	1.7	30.0
Fall 2007	100.0	2.1	1.0	1.1	67.8	2.5	51.1	11.6	0.9	1.7	30.1
Fall 2008	100.0	2.1	1.0	1.2	67.6	2.5	50.9	11.6	0.9	1.7	30.2
Fall 2009	100.0	2.2	1.0	1.2	67.4	2.7	50.5	11.7	0.8	1.7	30.4
Fall 2010	100.0	2.2	1.0	1.1	67.0	2.7	50.0	11.8	0.8	1.7	30.8
Pupils per staff member											
1949–50 <sup>2</sup>	19.3	746.4	1,052.1	2,569.2	26.2	582.1	27.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	81.1
1959–60 <sup>2</sup>	16.8	829.3	1,228.1	2,554.1	24.3	553.6	26.0	( <sup>3</sup> )	2,026.3	2,402.7	58.8
1969–70 <sup>2</sup>	13.6	697.7	1,349.8	1,444.3	20.2	502.8	22.6	793.3	1,067.0	934.1	43.8
Fall 1980 <sup>2</sup>	9.8	518.9	702.0	1,988.8	15.0	381.8	18.7	125.5	851.3	639.0	30.0
Fall 1990	9.2	543.3	—	—	13.5	323.5	17.2	104.1	825.8	515.5	30.2
Fall 1995	9.0	540.3	909.3	1,331.2	13.4	371.7	17.3	90.7	881.6	512.3	28.7
Fall 1996	9.0	556.4	940.8	1,361.7	13.2	368.6	17.1	88.3	886.3	514.8	29.2
Fall 1997	8.8	541.0	914.6	1,324.2	12.9	365.7	16.8	82.7	884.6	506.5	28.7
Fall 1998	8.6	523.3	878.5	1,294.0	12.6	359.9	16.4	79.1	881.3	499.8	28.4
Fall 1999	8.3	497.8	844.8	1,211.8	12.3	341.5	16.1	75.3	873.2	490.0	27.3
Fall 2000	8.3	485.3	816.1	1,197.1	12.2	332.9	16.0	73.6	870.2	483.0	27.2
Fall 2001	8.1	435.3	750.5	1,036.1	12.0	296.9	15.9	70.7	877.1	476.5	26.4
Fall 2002	8.1	435.0	767.5	1,003.9	12.0	293.5	15.9	72.6	888.9	477.5	26.4
Fall 2003	8.2	451.6	765.4	1,101.6	12.0	293.8	15.9	70.8	893.1	488.4	27.1
Fall 2004	8.1	436.3	761.2	1,022.3	11.8	294.6	15.8	69.0	901.2	479.2	26.7
Fall 2005	8.0	405.3	786.3	836.7	11.8	313.9	15.6	70.8	908.5	472.6	26.4
Fall 2006	8.0	415.4	918.0	758.9	11.8	320.9	15.6	69.5	905.8	480.0	26.7
Fall 2007	7.9	379.0	830.3	697.4	11.7	312.8	15.5	68.6	906.4	467.1	26.3
Fall 2008	7.8	363.0	792.6	669.8	11.5	308.1	15.3	67.1	915.6	457.0	25.7
Fall 2009	7.8	356.5	771.6	662.5	11.5	293.0	15.4	66.6	939.4	459.2	25.5
Fall 2010	8.0	369.7	766.0	714.7	11.9	299.8	16.0	67.6	983.8	470.9	25.9

—Not available.

<sup>1</sup>Includes school district administrative support staff, school and library support staff, student support staff, and other support services staff.

<sup>2</sup>Because of classification revisions, categories other than teachers, principals, librarians, and guidance counselors are only roughly comparable to figures for years after 1980.

<sup>3</sup>Data included in column 8.

NOTE: Data for 1949–50 through 1969–70 are cumulative for the entire school year, rather than counts as of the fall of the year. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, various years; *Statistics of Public Elementary and Secondary Schools*, various years; and Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1986–87 through 2010–11. (This table was prepared May 2012.)

**Table 93. Staff employed in public elementary and secondary school systems, by type of assignment and state or jurisdiction: Fall 2010**  
[In full-time equivalents]

State or jurisdiction	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>1</sup></b> .....	<b>6,195,207</b>	<b>64,597</b>	<b>185,602</b>	<b>69,236</b>	<b>165,047</b>	<b>278,488</b>	<b>3,099,095</b>	<b>731,705</b>	<b>105,079</b>	<b>50,300</b>	<b>267,376</b>	<b>1,178,684</b>
Alabama .....	95,144	803	1,658	1,013	2,606	3,953	49,363	6,550	1,802	1,413	2,318	23,665
Alaska <sup>2</sup> .....	18,102	709	752	192	683	1,338	8,171	2,537	327	163	537	2,694
Arizona .....	96,622	425	852	98	2,471	5,809	50,031	14,386	1,245	529	7,383	13,393
Arkansas.....	72,185	668	2,427	847	1,767	3,531	34,273	8,065	1,527	1,088	7,697	10,295
California <sup>3,4</sup> .....	530,337	3,579	21,271	3,391	15,267	35,532	260,806	63,972	6,191	757	16,314	103,258
Colorado.....	101,426	1,174	4,487	2,434	2,777	5,482	48,543	14,680	2,100	773	5,542	13,434
Connecticut.....	93,088	1,800	3,336	3,496	2,127	2,354	42,951	15,637	1,081	781	2,725	16,799
Delaware.....	16,478	366	463	226	413	353	8,933	1,577	281	134	743	2,988
District of Columbia .....	11,381	246	213	377	491	647	5,925	1,635	260	111	757	721
Florida.....	333,183	1,920	15,448	696	7,957	16,818	175,609	30,031	5,859	2,589	10,488	65,768
Georgia.....	227,188	2,300	2,553	2,353	6,157	10,398	112,460	25,773	3,557	2,247	7,493	51,898
Hawaii .....	21,704	218	577	573	571	1,232	11,396	2,407	632	208	1,664	2,225
Idaho.....	27,783	133	582	229	701	1,177	15,673	2,991	564	98	692	4,944
Illinois <sup>3,5,6,7,8</sup> .....	215,764	2,828	2,411	491	7,362	3,700	132,983	30,219	3,193	1,960	9,636	20,982
Indiana <sup>4,7,9</sup> .....	138,802	1,096	702	2,219	2,903	8,554	58,121	23,589	1,688	646	2,442	36,842
Iowa.....	69,615	1,237	1,921	305	1,740	2,688	34,642	10,531	1,157	513	4,190	10,689
Kansas.....	67,751	477	1,407	970	1,807	2,574	34,644	9,163	1,061	797	4,259	10,592
Kentucky.....	99,225	922	2,262	1,000	3,147	6,050	42,042	14,325	1,515	1,122	2,866	23,975
Louisiana .....	100,881	380	2,811	2,079	2,880	3,836	48,655	11,448	1,919	1,157	4,856	20,860
Maine.....	32,549	418	765	250	876	1,586	15,384	5,744	575	222	1,542	5,187
Maryland.....	115,367	3,328	2,324	1,792	3,635	6,279	58,428	11,360	2,389	1,245	4,724	19,863
Massachusetts.....	122,057	2,496	3,010	408	4,382	6,467	68,754	23,484	2,168	727	8,659	1,502
Michigan.....	193,487	3,132	1,202	3,347	4,751	12,077	88,615	21,379	2,249	746	13,435	42,554
Minnesota.....	108,993	2,072	2,296	2,035	2,103	4,702	52,672	16,759	1,072	709	11,750	12,823
Mississippi.....	67,866	989	2,033	649	1,912	2,490	32,255	8,195	1,096	872	2,907	14,469
Missouri.....	128,289	1,395	8,091	1,081	3,136	460	66,735	13,314	2,613	1,477	4,435	25,552
Montana <sup>3,5,6,8</sup> .....	19,249	175	479	165	534	178	10,361	2,397	457	369	694	3,440
Nebraska.....	45,509	614	1,088	999	1,029	1,921	22,345	6,506	811	556	1,372	8,268
Nevada <sup>2,3,5,6,7</sup> .....	33,400	30	957	1,380	993	1,644	21,839	4,152	880	376	42	1,107
New Hampshire .....	32,955	742	718	264	506	862	15,365	7,356	824	330	694	5,294
New Jersey <sup>3</sup> .....	202,634	1,394	5,602	3,138	4,651	8,042	110,202	26,227	3,904	1,585	11,844	26,046
New Mexico .....	46,519	897	87	659	1,309	3,841	22,437	6,009	815	272	3,054	7,138
New York.....	413,971	2,921	22,216	1,979	9,282	8,509	211,606	37,849	6,979	2,775	11,936	97,920
North Carolina .....	193,039	1,565	4,934	1,043	5,101	7,961	98,357	26,173	3,976	2,290	9,806	31,833
North Dakota .....	16,239	474	245	179	447	715	8,417	2,071	309	193	792	2,397
Ohio.....	241,212	2,110	13,517	1,676	5,053	14,053	109,282	19,333	3,655	1,217	20,543	50,773
Oklahoma .....	82,262	593	3,019	329	2,147	4,341	41,278	8,362	1,610	1,072	4,320	15,194
Oregon.....	63,603	446	3,194	409	1,584	4,471	28,109	9,837	1,032	306	2,335	11,880
Pennsylvania.....	266,796	2,708	7,421	1,671	5,531	12,589	129,911	34,314	4,763	2,136	8,351	57,401
Rhode Island .....	18,632	85	486	84	452	741	11,212	2,224	384	298	479	2,187
South Carolina.....	65,508	704	775	453	2,554	1,130	45,210	8,475	1,816	1,085	3,088	218
South Dakota .....	19,545	764	403	132	430	582	9,512	2,454	345	137	1,051	3,735
Tennessee.....	128,197	174	810	836	3,360	5,299	66,558	16,243	2,889	1,933	1,258	28,836
Texas.....	665,419	6,563	22,339	3,456	22,360	27,386	334,997	63,338	11,212	5,097	24,171	144,500
Utah.....	52,341	367	731	1,699	1,300	2,718	25,677	8,214	807	279	1,505	9,044
Vermont.....	18,485	135	444	235	488	902	8,382	4,284	413	212	900	2,091
Virginia.....	201,047	1,537	4,173	13,419	4,606	9,341	70,947	19,388	3,977	1,978	7,224	64,456
Washington.....	103,783	2,416	1,916	358	2,800	5,103	53,934	10,422	2,045	1,134	3,200	20,455
West Virginia <sup>3</sup> .....	39,270	771	1,136	370	1,105	769	20,338	3,632	738	352	1,590	8,469
Wisconsin.....	103,901	973	2,634	1,326	2,447	4,311	57,625	10,292	1,874	1,074	6,465	14,879
Wyoming.....	16,424	330	425	424	354	995	7,127	2,402	444	161	612	3,151
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions	—	—	—	—	—	—	—	—	—	—	—	—
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—
Guam.....	3,155	14	196	92	82	—	1,843	631	59	23	47	168
Northern Marianas.....	1,215	8	60	10	40	77	607	244	36	—	34	99
Puerto Rico.....	59,261	450	1,835	104	1,464	2,329	36,506	95	828	1,183	3,697	10,770
U.S. Virgin Islands.....	2,918	28	53	29	84	62	1,457	367	85	30	206	517

—Not available.

<sup>1</sup>Includes imputations for undercounts in states as designated in footnotes 2 through 9.

<sup>2</sup>Includes imputations for instruction coordinators.

<sup>3</sup>Includes imputations for library support staff.

<sup>4</sup>Includes imputations for prekindergarten teachers.

<sup>5</sup>Includes imputations for administrative support staff.

<sup>6</sup>Includes imputations for school support staff.

<sup>7</sup>Includes imputations for instructional aides.

<sup>8</sup>Includes imputations for other support services staff.

<sup>9</sup>Includes imputations for student support staff.

NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2010–11. (This table was prepared May 2012.)

**Table 94. Staff employed in public elementary and secondary school systems, by type of assignment and state or jurisdiction: Fall 2009**  
[In full-time equivalents]

State or jurisdiction	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States<sup>1</sup></b> .....	<b>6,351,157</b>	<b>63,969</b>	<b>190,359</b>	<b>74,502</b>	<b>168,450</b>	<b>288,085</b>	<b>3,209,672</b>	<b>741,337</b>	<b>107,484</b>	<b>52,545</b>	<b>267,289</b>	<b>1,187,464</b>
Alabama .....	94,058	899	1,705	1,041	2,682	4,015	47,492	6,671	1,856	1,415	2,335	23,947
Alaska <sup>2</sup> .....	17,743	667	806	194	873	1,257	8,083	2,424	308	169	422	2,540
Arizona .....	100,320	426	730	95	2,523	6,415	51,947	14,790	1,322	613	7,442	14,016
Arkansas.....	74,311	704	2,370	800	1,768	3,464	37,240	7,991	1,425	1,007	7,682	9,860
California <sup>2,3,4,5,6,7,8,9</sup> .....	609,655	3,965	24,606	7,281	16,830	40,217	316,299	67,463	7,734	1,141	18,497	105,623
Colorado .....	103,354	1,188	4,581	2,482	2,840	5,662	49,060	15,153	2,126	791	5,436	14,035
Connecticut.....	92,877	1,799	3,105	3,486	2,187	2,393	43,593	14,435	1,087	802	2,901	17,089
Delaware.....	16,977	358	334	334	415	423	8,640	2,017	279	141	939	3,097
District of Columbia .....	11,682	177	508	363	508	652	5,854	1,541	280	122	1,058	619
Florida.....	335,446	1,901	15,126	701	7,866	16,227	183,827	28,326	5,826	2,716	10,092	62,838
Georgia.....	234,694	2,354	2,631	2,283	6,534	10,849	115,918	27,074	3,670	2,311	7,885	53,185
Hawaii .....	21,677	199	603	563	529	1,119	11,472	2,425	646	225	1,681	2,216
Idaho.....	27,701	138	633	239	732	1,196	15,201	3,048	618	141	580	5,174
Illinois <sup>4,10,11,12,13</sup> .....	221,823	2,653	2,458	498	7,451	3,800	138,483	30,790	3,155	1,727	9,576	21,232
Indiana.....	142,724	1,132	797	2,181	3,187	8,889	62,258	24,035	1,941	892	2,436	34,976
Iowa.....	72,546	871	1,463	467	1,792	3,512	35,842	10,917	1,241	570	2,792	13,080
Kansas.....	67,531	502	1,336	983	1,822	2,702	34,700	9,450	1,081	840	3,486	10,629
Kentucky.....	99,162	948	2,274	995	3,131	6,050	41,981	14,376	1,509	1,137	2,824	23,938
Louisiana.....	102,874	385	2,861	2,066	2,869	3,898	49,646	11,804	1,942	1,191	5,046	21,166
Maine.....	37,317	667	1,164	325	1,229	2,094	16,331	6,090	630	240	1,719	6,829
Maryland.....	115,286	3,386	2,326	1,717	3,598	6,358	58,463	11,397	2,407	1,232	4,717	19,684
Massachusetts.....	123,167	2,225	3,357	437	4,329	6,781	69,909	23,250	2,215	841	8,381	1,442
Michigan.....	204,625	3,304	1,241	3,439	4,868	13,123	92,691	22,263	2,498	958	13,404	46,836
Minnesota.....	109,066	2,058	2,303	1,946	2,094	4,853	52,839	16,293	1,086	767	11,839	12,988
Mississippi.....	70,782	1,011	2,078	738	1,979	2,744	33,103	8,937	1,116	967	2,977	15,131
Missouri.....	132,047	1,403	8,440	1,074	3,087	483	67,796	13,168	2,589	1,523	4,987	27,496
Montana <sup>4,10,11,12</sup> .....	19,434	171	488	165	543	184	10,521	2,344	469	376	692	3,481
Nebraska.....	45,835	597	1,013	955	1,031	1,929	22,256	6,467	809	562	1,367	8,849
Nevada <sup>2,4,10,11,13</sup> .....	33,749	22	976	1,397	1,021	1,671	22,104	4,231	870	373	43	1,042
New Hampshire .....	32,911	714	755	269	513	888	15,491	7,219	849	325	698	5,190
New Jersey <sup>4</sup> .....	213,783	1,471	6,049	3,428	4,959	8,646	115,248	27,677	4,183	1,779	12,303	28,040
New Mexico .....	47,565	849	87	771	1,355	4,086	22,724	6,122	837	289	3,045	7,401
New York.....	421,929	3,139	22,781	2,275	9,454	9,227	214,804	39,387	6,653	2,963	11,970	99,277
North Carolina <sup>6</sup> .....	200,447	1,685	4,976	1,112	5,130	7,908	105,036	26,757	3,856	2,353	9,611	32,022
North Dakota .....	15,983	446	148	428	428	499	8,366	2,142	291	194	559	2,762
Ohio.....	244,232	2,079	13,498	1,670	5,057	14,144	111,378	19,588	3,698	1,286	20,906	50,928
Oklahoma.....	84,740	598	3,138	433	2,228	4,372	42,615	8,575	1,720	1,131	4,241	15,690
Oregon.....	62,994	458	3,274	434	1,588	4,539	28,768	10,305	1,079	320	2,197	10,032
Pennsylvania.....	253,866	2,699	7,331	1,700	5,766	11,990	130,984	30,009	4,710	2,189	8,211	48,277
Rhode Island .....	18,825	86	499	83	452	760	11,366	2,285	391	298	518	2,085
South Carolina.....	67,355	698	655	499	2,566	982	46,980	8,698	1,854	1,128	3,108	188
South Dakota .....	18,631	711	371	92	421	544	9,326	2,396	330	137	747	3,556
Tennessee.....	127,743	166	821	839	3,322	5,084	65,361	16,155	2,825	1,910	1,073	30,187
Texas.....	662,369	6,698	21,929	3,604	21,684	27,063	333,164	65,119	11,105	5,140	23,657	143,206
Utah.....	51,844	408	727	1,692	1,296	2,662	25,615	8,189	821	276	1,260	8,898
Vermont.....	19,337	139	473	241	502	968	8,734	4,448	444	221	941	2,227
Virginia.....	203,301	1,608	4,573	13,320	4,665	9,368	70,827	20,243	3,911	2,001	7,361	65,423
Washington.....	103,938	1,140	1,673	509	2,790	5,188	53,448	10,404	2,050	1,153	3,015	22,568
West Virginia <sup>4</sup> .....	39,205	732	1,144	339	1,121	783	20,299	3,617	740	356	1,617	8,457
Wisconsin.....	105,229	963	2,692	1,354	2,477	4,452	58,426	10,492	1,924	1,134	6,440	14,875
Wyoming.....	16,468	371	452	444	359	972	7,166	2,338	481	173	576	3,137
Bureau of Indian Education .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas .....	—	—	—	—	—	—	—	—	—	—	—	—
DoD, domestic .....	—	—	—	—	—	—	—	—	—	—	—	—
Other jurisdictions												
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—
Guam.....	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas.....	1,155	7	73	9	35	76	552	239	20	0	45	99
Puerto Rico.....	63,198	86	968	352	1,489	2,342	39,102	96	882	1,228	3,435	13,218
U.S. Virgin Islands.....	2,854	24	59	36	85	92	1,425	359	77	28	330	339

—Not available.

<sup>1</sup>Includes imputations for undercounts in states as designated in footnotes 2 through 13.

<sup>2</sup>Includes imputations for instruction coordinators.

<sup>3</sup>Includes imputations for officials and administrators.

<sup>4</sup>Includes imputations for library support staff.

<sup>5</sup>Includes imputations for prekindergarten teachers.

<sup>6</sup>Includes imputations for kindergarten teachers.

<sup>7</sup>Includes imputations for librarians.

<sup>8</sup>Includes imputations for student support staff.

<sup>9</sup>Includes imputations for guidance counselors.

<sup>10</sup>Includes imputations for administrative support staff.

<sup>11</sup>Includes imputations for school support staff.

<sup>12</sup>Includes imputations for other support services staff.

<sup>13</sup>Includes imputations for instructional aides.

NOTE: DoD = Department of Defense. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2009–10. (This table was prepared May 2012.)



**Table 95. Staff, teachers, and teachers as a percentage of staff in public elementary and secondary school systems, by state or jurisdiction:**  
**Selected years, fall 2000 through fall 2010**

[In full-time equivalents]

State or jurisdiction	Teachers as a percent of staff						Fall 2008			Fall 2009			Fall 2010		
	Fall 2000	Fall 2003	Fall 2004	Fall 2005	Fall 2006	Fall 2007	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff	All staff	Teachers	Teachers as a percent of staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>United States<sup>1</sup></b> .....	<b>51.5</b>	<b>51.2</b>	<b>51.0</b>	<b>51.3</b>	<b>51.5</b>	<b>51.1</b>	<b>6,326,702</b>	<b>3,222,154</b>	<b>50.9</b>	<b>6,351,157</b>	<b>3,209,672</b>	<b>50.5</b>	<b>6,195,207</b>	<b>3,099,095</b>	<b>50.0</b>
Alabama.....	53.7 <sup>2</sup>	57.7	55.6	55.7	51.1	45.2 <sup>2</sup>	95,368	47,818	50.1	94,058	47,492	50.5	95,144	49,363	51.9
Alaska.....	49.3 <sup>2</sup>	47.2 <sup>2</sup>	44.0 <sup>2</sup>	44.1 <sup>2</sup>	46.9 <sup>2</sup>	45.9 <sup>2</sup>	17,160 <sup>2</sup>	7,927	46.2 <sup>2</sup>	17,743 <sup>2</sup>	8,083	45.6 <sup>2</sup>	18,102 <sup>2</sup>	8,171	45.1 <sup>2</sup>
Arizona.....	49.3	49.3	50.0	51.3	51.4	51.6	105,548	54,696	51.8	100,320	51,947	51.8	96,622	50,031	51.8
Arkansas.....	50.6	47.7	47.2	46.7	49.0	48.2	71,270	37,162	52.1	74,311	37,240	50.1	72,185	34,273	47.5
California.....	54.1 <sup>2</sup>	53.1 <sup>2</sup>	53.2 <sup>2</sup>	53.4 <sup>2</sup>	53.0 <sup>2</sup>	52.3 <sup>2</sup>	590,016 <sup>2</sup>	303,647 <sup>2</sup>	51.5 <sup>2</sup>	609,655 <sup>2</sup>	316,299 <sup>2</sup>	51.9 <sup>2</sup>	530,337 <sup>2</sup>	260,806 <sup>2</sup>	49.2 <sup>2</sup>
Colorado.....	50.7	50.2	49.4	49.2	48.2	48.1	102,566	48,692	47.5	103,354	49,060	47.5	101,426	48,543	47.9
Connecticut.....	50.0	49.6	46.3	46.9	45.1	45.3	92,467	48,463	52.4	92,877	43,593	46.9	93,088	42,951	46.1
Delaware.....	59.2	53.1	52.5	51.7	52.2	52.8	14,821	8,322	56.2	16,977	8,640	50.9	16,478	8,933	54.2
District of Columbia.....	46.2	53.5	44.3	44.3 <sup>2</sup>	44.2 <sup>2</sup>	50.6	12,131	5,321	43.9	11,682	5,854	50.1	11,381	5,925	52.1
Florida.....	47.8	49.0	49.7	50.6	50.6	51.2	340,713	186,361	54.7	335,446	183,827	54.8	333,183	175,609	52.7
Georgia.....	49.2	48.5	50.1	49.6	49.9	49.7	239,139	118,839	49.7	234,694	115,918	49.4	227,188	112,460	49.5
Hawaii.....	59.5	52.7	54.3	53.3	53.5	52.6	21,610	11,295	52.3	21,677	11,472	52.9	21,704	11,396	52.5
Idaho.....	56.2	55.9	55.9	55.8	56.1	55.3	27,261	15,148	55.6	27,701	15,201	54.9	27,783	15,673	56.4
Illinois.....	51.1 <sup>2</sup>	50.2 <sup>2</sup>	50.2 <sup>2</sup>	53.2 <sup>2</sup>	63.6 <sup>2</sup>	63.7 <sup>2</sup>	221,005 <sup>2</sup>	135,704	61.4 <sup>2</sup>	221,823 <sup>2</sup>	138,483	62.4 <sup>2</sup>	215,764 <sup>2</sup>	132,983	61.6 <sup>2</sup>
Indiana.....	46.7	45.9	45.4	45.5	45.6	44.7	141,979	62,668	44.1	142,724	62,258	43.6	138,802 <sup>2</sup>	58,121 <sup>2</sup>	41.9 <sup>2</sup>
Iowa.....	51.1	51.1	50.7	50.9	51.2	50.3	72,350	35,961	49.7	72,546	35,842	49.4	69,615	34,642	49.8
Kansas.....	50.9	51.1	51.4	51.3	65.7	65.2	55,355	35,883	64.8	67,531	34,700	51.4	67,751	34,644	51.1
Kentucky.....	44.1	43.0	43.2	43.3	43.9	43.4	100,217	43,451	43.4	99,162	41,981	42.3	99,225	42,042	42.4
Louisiana.....	49.3	49.0	48.5	48.2	48.3	48.8	100,873	49,377	48.9	102,874	49,646	48.3	100,881	48,655	48.2
Maine.....	49.7	49.1	47.7	47.3	45.7	41.5	36,459	15,912	43.6	37,317	16,331	43.8	32,549	15,384	47.3
Maryland.....	54.3	51.3	50.9	51.0	51.5	50.8	116,856	58,940	50.4	115,286	58,463	50.7	115,367	58,428	50.6
Massachusetts.....	55.1	53.6 <sup>2</sup>	53.3 <sup>2</sup>	53.0 <sup>2</sup>	53.6 <sup>2</sup>	57.4	123,636	70,398	56.9	123,167	69,909	56.8	122,057	68,754	56.3
Michigan.....	46.1	47.1 <sup>2</sup>	48.0	47.9 <sup>2</sup>	46.2	46.0	208,058	94,754	45.5	204,625	92,691	45.3	193,487	88,615	45.8
Minnesota.....	51.6 <sup>2</sup>	49.2	50.0	48.9	48.6	48.9	109,222	53,083	48.6	109,066	52,839	48.4	108,993	52,672	48.3
Mississippi.....	47.9	47.7	46.6	46.5	47.0	47.2	72,050	33,358	46.3	70,782	33,103	46.8	67,866	32,255	47.5
Missouri.....	53.2	51.8	51.9	52.1	51.3	51.2	132,676	68,015	51.3	132,047	67,796	51.3	128,289	66,735	52.0
Montana.....	53.5 <sup>2</sup>	55.2	54.5 <sup>2</sup>	52.9 <sup>2</sup>	54.7 <sup>2</sup>	54.8 <sup>2</sup>	19,212 <sup>2</sup>	10,467	54.5 <sup>2</sup>	19,434 <sup>2</sup>	10,521	54.1 <sup>2</sup>	19,249 <sup>2</sup>	10,361	53.8 <sup>2</sup>
Nebraska.....	52.6	51.6	51.6	51.9	50.0	50.2	45,243	22,057	48.8	45,835	22,256	48.6	45,509	22,345	49.1
Nevada.....	58.6	59.4	67.0	67.2 <sup>2</sup>	67.5 <sup>2</sup>	65.8 <sup>2</sup>	33,548 <sup>2</sup>	21,993	65.6 <sup>2</sup>	33,749 <sup>2</sup>	22,104	65.5 <sup>2</sup>	33,400 <sup>2</sup>	21,839	65.4 <sup>2</sup>
New Hampshire.....	51.1	49.0	48.7	48.5	48.2	47.5	32,849	15,661	47.7	32,911	15,491	47.1	32,955	15,365	46.6
New Jersey.....	53.4	53.5	53.8	53.2 <sup>2</sup>	54.7 <sup>2</sup>	55.3 <sup>2</sup>	205,672 <sup>2</sup>	114,713	55.8 <sup>2</sup>	213,783 <sup>2</sup>	115,248	53.9 <sup>2</sup>	202,634 <sup>2</sup>	110,202	54.4 <sup>2</sup>
New Mexico.....	46.8	48.1	46.7	45.9	47.3	47.8	47,850	22,825	47.7	47,565	22,724	47.8	46,519	22,437	48.2
New York.....	49.7	54.8	54.8 <sup>2</sup>	58.6	58.6	56.6	428,139	217,944	50.9	421,929	214,804	50.9	413,971	211,606	51.1
North Carolina.....	51.5	52.3	52.2	52.5	54.9	52.4	207,859	109,634	52.7	200,447 <sup>2</sup>	105,036 <sup>2</sup>	52.4 <sup>2</sup>	193,039	98,357	51.0
North Dakota.....	53.9	53.3	53.2	52.9	52.8	52.4	15,636	8,181	52.3	15,983	8,366	52.3	16,239	8,417	51.8
Ohio.....	53.1	50.2	49.2	49.4	45.5	45.1	244,730	112,845	46.1	244,232	111,378	45.6	241,212	109,282	45.3
Oklahoma.....	55.0	55.0	52.2	51.1	51.6	53.9	87,478	46,571	53.2	84,740	42,615	50.3	82,262	41,278	50.2
Oregon.....	50.0	49.3	48.4	47.0	48.1	46.4	65,106	30,152	46.3	62,994	28,768	45.7	63,603	28,109	44.2
Pennsylvania.....	52.2	51.4	51.1	50.9	51.2	53.1	251,928	129,708	51.5	253,866	130,984	51.6	266,796	129,911	48.7
Rhode Island.....	60.0	59.9 <sup>2</sup>	51.6 <sup>2</sup>	58.4 <sup>2</sup>	63.5 <sup>2</sup>	64.2	18,598	11,316	60.8	18,825	11,366	60.4	18,632	11,212	60.2
South Carolina.....	65.7 <sup>2</sup>	72.9 <sup>2</sup>	72.2 <sup>2</sup>	70.9 <sup>2</sup>	71.6 <sup>2</sup>	71.7	69,790	49,941	71.6	67,355	46,980	69.7	65,508	45,210	69.0
South Dakota.....	52.0	48.6	50.1	48.0	52.4	55.3	18,391	9,244	50.3	18,631	9,326	50.1	19,545	9,512	48.7
Tennessee.....	52.1	51.3	51.8	52.2	50.5	51.1	126,841	64,926	51.2	127,743	65,361	51.2	128,197	66,558	51.9
Texas.....	50.6	48.5	48.5	50.5	50.6	50.6	649,381	327,905	50.5	662,369	333,164	50.3	665,419	334,997	50.3
Utah.....	54.1	53.3	50.1	50.2	49.9	50.2	49,057	23,657	48.2	51,844	25,615	49.4	52,341	25,677	49.1
Vermont.....	47.3	46.8	46.1	46.5	46.1	45.6	19,370	8,766	45.3	19,337	8,734	45.2	18,485	8,382	45.3
Virginia.....	54.1 <sup>2</sup>	54.4	52.2	44.4	37.2	35.2	203,567	71,415	35.1	203,301	70,827	34.8	201,047	70,947	35.3
Washington.....	52.3	48.3	47.5	47.0	52.2	52.0	104,617	54,428	52.0	103,938	53,448	51.4	103,783	53,934	52.0
West Virginia.....	54.3	52.7	52.6	52.3	53.5 <sup>2</sup>	53.0 <sup>2</sup>	38,596	20,209	52.4	39,205 <sup>2</sup>	20,299	51.8 <sup>2</sup>	39,270 <sup>2</sup>	20,338	51.8 <sup>2</sup>
Wisconsin.....	56.3	55.7	58.2	57.0	56.3	56.1	106,597	59,401	55.7	105,229	58,426	55.5	103,901	57,625	55.5
Wyoming.....	48.6	46.5	46.7	46.2	44.6	44.7	15,841	7,000	44.2	16,468	7,166	43.5	16,424	7,127	43.4
Bureau of Indian Education.....	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
DoD, overseas.....	66.0	64.9	71.4	62.9	62.4	66.2	7,526	4,551	60.5	—	—	—	—	—	—
DoD, domestic.....	59.2	55.4	69.9	55.4	56.9	56.2	3,845	2,145	55.8	—	—	—	—	—	—
Other jurisdictions															
American Samoa.....	50.0	55.8	52.1	68.4	52.0	—	—	—	—	—	—	—	—	—	—
Guam.....	51.5	50.8	50.4	52.2	—	—	—	—	—	—	—	—	3,155	1,843	58.4
Northern Marianas.....	50.2	47.6	49.7	49.8	49.9	49.5	1,043	514	49.3	1,155	552	47.8	1,215	607	50.0
Puerto Rico.....	54.4	56.8	56.0	56.0	55.8	56.8	70,034	39,356	56.2	63,198	39,102	61.9	59,261	36,506	61.6
U.S. Virgin Islands.....	52.1	52.2	51.9	53.8	50.7	48.4	2,472	1,331	53.8	2,854	1,425	49.9	2,918	1,457	49.9

—Not available.

<sup>1</sup>U.S. totals include imputations for underreporting and nonreporting states.

<sup>2</sup>Includes imputations for underreporting.

NOTE: DoD = Department of Defense. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01 through 2010–11. (This table was prepared May 2012.)

**Table 96. Staff, enrollment, and pupil/staff ratios in public elementary and secondary school systems, by state or jurisdiction: Selected years, fall 2000 through fall 2010**

State or jurisdiction	Pupil/staff ratio					Fall 2008			Fall 2009			Fall 2010		
	Fall 2000	Fall 2004	Fall 2005	Fall 2006	Fall 2007	Staff	Enrollment	Pupil/ staff ratio	Staff	Enrollment	Pupil/ staff ratio	Staff	Enrollment	Pupil/ staff ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States<sup>1</sup>.....</b>	<b>8.3</b>	<b>8.1</b>	<b>8.0</b>	<b>8.0</b>	<b>7.9</b>	<b>6,326,702</b>	<b>49,265,572</b>	<b>7.8</b>	<b>6,351,157</b>	<b>49,360,982</b>	<b>7.8</b>	<b>6,195,207</b>	<b>49,484,181</b>	<b>8.0</b>
Alabama.....	8.2 <sup>2</sup>	7.9	7.1	6.8	6.7 <sup>2</sup>	95,368	745,668	7.8	94,058	748,889	8.0	95,144	755,552	7.9
Alaska.....	8.3 <sup>2</sup>	7.5 <sup>2</sup>	7.4 <sup>2</sup>	7.9 <sup>2</sup>	7.9 <sup>2</sup>	17,160 <sup>2</sup>	130,662	7.6 <sup>2</sup>	17,743 <sup>2</sup>	131,661	7.4 <sup>2</sup>	18,102 <sup>2</sup>	132,104	7.3 <sup>2</sup>
Arizona.....	9.7	10.7	10.9	10.4	10.4	105,548	1,087,817	10.3	100,320	1,077,831	10.7	96,622	1,071,751	11.1
Arkansas.....	7.1	7.0	6.7	6.7	6.8	71,270	478,965	6.7	74,311	480,559	6.5	72,185	482,114	6.7
California.....	11.1 <sup>2</sup>	11.2 <sup>2</sup>	11.1 <sup>2</sup>	11.0 <sup>2</sup>	10.9 <sup>2</sup>	590,016 <sup>2</sup>	6,322,528	10.7 <sup>2</sup>	609,655 <sup>2</sup>	6,263,438	10.3 <sup>2</sup>	530,337 <sup>2</sup>	6,289,578	11.9 <sup>2</sup>
Colorado.....	8.7	8.4	8.4	8.2	8.1	102,566	818,443	8.0	103,354	832,368	8.1	101,426	843,316	8.3
Connecticut.....	6.8	6.9	6.8	6.6	6.6	92,467	567,198	6.1	92,877	563,968	6.1	93,088	560,546	6.0
Delaware.....	9.1	8.0	7.8	7.9	7.9	14,821	125,430	8.5	16,977	126,801	7.5	16,478	129,403	7.9
District of Columbia.....	6.4	6.3	6.2 <sup>2</sup>	6.0 <sup>2</sup>	6.3	12,131	68,681	5.7	11,682	69,433	5.9	11,381	71,284	6.3
Florida.....	8.8	8.5	8.5	8.3	8.1	340,713	2,631,020	7.7	335,446	2,634,522	7.9	333,183	2,643,347	7.9
Georgia.....	7.8	7.4	7.3	7.2	7.0	239,139	1,655,792	6.9	234,694	1,667,685	7.1	227,188	1,677,067	7.4
Hawaii.....	10.0	8.9	8.7	8.6	8.3	21,610	179,478	8.3	21,677	180,196	8.3	21,704	179,601	8.3
Idaho.....	10.1	10.0	10.1	10.2	10.0	27,261	275,051	10.1	27,701	276,299	10.0	27,783	275,859	9.9
Illinois.....	8.2 <sup>2</sup>	8.0 <sup>2</sup>	8.4 <sup>2</sup>	9.6 <sup>2</sup>	9.9 <sup>2</sup>	221,005 <sup>2</sup>	2,119,707	9.6 <sup>2</sup>	221,823 <sup>2</sup>	2,104,175	9.5 <sup>2</sup>	215,764 <sup>2</sup>	2,091,654	9.7 <sup>2</sup>
Indiana.....	7.8	7.7	7.8	7.8	7.5	141,979	1,046,147	7.4	142,724	1,046,661	7.3	138,802 <sup>2</sup>	1,047,232	7.5 <sup>2</sup>
Iowa.....	7.3	7.0	7.0	6.9	6.8	72,350	487,559	6.7	72,546	491,842	6.8	69,615	495,775	7.1
Kansas.....	7.3	7.3	7.1	8.7	8.6	55,355	471,060	8.5	67,531	474,489	7.0	67,751	483,701	7.1
Kentucky.....	7.4	7.0	6.9	6.9 <sup>2</sup>	6.6 <sup>2</sup>	100,217	670,030	6.7	99,162	680,089	6.9	99,225	673,128	6.8
Louisiana.....	7.3	7.1	7.1	7.1	6.8	100,873	684,873	6.8	102,874	690,915	6.7	100,881	696,558	6.9
Maine.....	6.2	5.7	5.5	5.3	4.9	36,459	192,935	5.3	37,317	189,225	5.1	32,549	189,077	5.8
Maryland.....	8.8	8.0	7.7	7.5	7.2	116,856	843,861	7.2	115,286	848,412	7.4	115,367	852,211	7.4
Massachusetts.....	8.0	7.1 <sup>2</sup>	7.0 <sup>2</sup>	7.1 <sup>2</sup>	7.8	123,636	958,910	7.8	123,167	957,053	7.8	122,057	955,563	7.8
Michigan.....	8.2 <sup>2</sup>	8.3	8.5 <sup>2</sup>	8.1	8.1	208,058	1,659,921	8.0	204,625	1,649,082	8.1	193,487	1,587,067	8.2
Minnesota.....	8.2 <sup>2</sup>	8.0	8.0	7.9	7.7	109,222	836,048	7.7	109,066	837,053	7.7	108,993	838,037	7.7
Mississippi.....	7.7	7.4	7.3	7.2	6.9	72,050	491,962	6.8	70,782	492,481	7.0	67,866	490,526	7.2
Missouri.....	7.5	7.1	7.1	7.0	6.9	132,676	917,871	6.9	132,047	917,982	7.0	128,289	918,710	7.2
Montana.....	8.0 <sup>2</sup>	7.8 <sup>2</sup>	7.4 <sup>2</sup>	7.6 <sup>2</sup>	7.4 <sup>2</sup>	19,212 <sup>2</sup>	141,899	7.4 <sup>2</sup>	19,434 <sup>2</sup>	141,807	7.3 <sup>2</sup>	19,249 <sup>2</sup>	141,693	7.4 <sup>2</sup>
Nebraska.....	7.2	6.9	7.0	6.7	6.7	45,243	292,590	6.5	45,835	295,368	6.4	45,509	298,500	6.6
Nevada.....	10.9	12.8	12.7 <sup>2</sup>	12.5 <sup>2</sup>	12.1 <sup>2</sup>	33,548 <sup>2</sup>	433,371	12.9 <sup>2</sup>	33,749 <sup>2</sup>	428,947	12.7 <sup>2</sup>	33,400 <sup>2</sup>	437,149	13.1 <sup>2</sup>
New Hampshire.....	7.4	6.6	6.4	6.3	6.2	32,849	197,934	6.0	32,911	197,140	6.0	32,955	194,711	5.9
New Jersey.....	7.1	6.5	6.6 <sup>2</sup>	6.8 <sup>2</sup>	6.9 <sup>2</sup>	205,672 <sup>2</sup>	1,381,420	6.7 <sup>2</sup>	213,783 <sup>2</sup>	1,396,029	6.5 <sup>2</sup>	202,634 <sup>2</sup>	1,402,548	6.9 <sup>2</sup>
New Mexico.....	7.1	7.0	6.8	7.1	7.0	47,850	330,245	6.9	47,565	334,419	7.0	46,519	338,122	7.3
New York.....	6.9	7.1	7.5	7.5	7.4	428,139	2,740,592	6.4	421,929	2,766,052	6.6	413,971	2,734,955	6.6
North Carolina.....	8.0	7.8	7.8	7.1	7.3	207,859	1,488,645	7.2	200,447 <sup>2</sup>	1,483,397	7.4 <sup>2</sup>	193,039	1,490,605	7.7
North Dakota.....	7.2	6.6	6.5	6.4	6.2	15,636	94,728	6.1	15,983	95,073	5.9	16,239	96,323	5.9
Ohio.....	8.2	7.7	7.7	7.6	7.5	244,730	1,817,163	7.4	244,232	1,764,297	7.2	241,212	1,754,191	7.3
Oklahoma.....	8.3	8.1	7.8	7.8	7.4	87,478	645,108	7.4	84,740	654,802	7.7	82,262	659,911	8.0
Oregon.....	9.7	9.8	9.2	9.0	8.8	65,106	575,393	8.8	62,994	582,839	9.3	63,603	570,720	9.0
Pennsylvania.....	8.1	7.7	7.6	7.8	7.1	251,928	1,775,029	7.0	253,866	1,785,993	7.0	266,796	1,793,284	6.7
Rhode Island.....	8.9	6.9 <sup>2</sup>	6.3 <sup>2</sup>	8.5 <sup>2</sup>	8.4	18,598	145,342	7.8	18,825	145,118	7.7	18,632	143,793	7.7
South Carolina.....	9.8 <sup>2</sup>	10.8 <sup>2</sup>	10.3 <sup>2</sup>	10.3 <sup>2</sup>	10.8	69,790	718,113	10.3	67,355	723,143	10.7	65,508	725,838	11.1
South Dakota.....	7.1	6.8	6.4	7.0	7.1	18,391	126,429	6.9	18,631	123,713	6.6	19,545	126,128	6.5
Tennessee.....	8.3 <sup>2</sup>	8.1 <sup>2</sup>	8.4	7.9	7.6	126,841	971,950	7.7	127,743	972,549	7.6	128,197	987,422	7.7
Texas.....	7.5	7.3	7.6	7.5	7.4	649,381	4,752,148	7.3	662,369	4,850,210	7.3	665,419	4,935,715	7.4
Utah.....	11.8	11.3	11.1	11.1	11.9	49,057	559,778	11.4	51,844	571,586	11.0	52,341	585,552	11.2
Vermont.....	5.7	5.2	5.1	5.0	4.9	19,370	93,625	4.8	19,337	91,451	4.7	18,485	96,858	5.2
Virginia.....	7.1 <sup>2</sup>	6.7	5.2	5.7	6.0	203,567	1,235,795	6.1	203,301	1,245,340	6.1	201,047	1,251,440	6.2
Washington.....	10.3	9.1	9.1	10.0	9.9	104,617	1,037,018	9.9	103,938	1,035,347	10.0	103,783	1,043,788	10.1
West Virginia.....	7.4	7.4	7.4	7.7 <sup>2</sup>	7.4 <sup>2</sup>	38,596	282,729	7.3	39,205 <sup>2</sup>	282,662	7.2 <sup>2</sup>	39,270 <sup>2</sup>	282,879	7.2 <sup>2</sup>
Wisconsin.....	8.2	8.3	8.3	8.3	8.3	106,597	873,750	8.2	105,229	872,436	8.3	103,901	872,286	8.4
Wyoming.....	6.4	5.9	5.8	5.6	5.6	15,841	87,161	5.5	16,468	88,155	5.4	16,424	89,009	5.4
Bureau of Indian Education.....	—	—	—	—	—	—	40,927	—	—	41,351	—	—	41,962	—
DoD, overseas.....	9.5	10.0	6.9	7.3	9.1	7,526	56,768	7.5	—	—	—	—	—	—
DoD, domestic.....	8.4	10.2	7.7	7.5	6.9	3,845	28,013	7.3	—	—	—	—	—	—
Other jurisdictions														
American Samoa.....	9.6	8.9	11.4	8.8	—	—	—	—	—	—	—	—	—	—
Guam.....	8.5	9.2	9.0	—	—	—	—	—	—	—	—	3,155	31,618	10.0
Northern Marianas.....	9.6	9.9	9.5	10.1	10.2	1,043	10,913	10.5	1,155	10,961	9.5	1,215	11,105	9.1
Puerto Rico.....	8.9	7.5	7.5	7.6	7.3	70,034	503,635	7.2	63,198	493,393	7.8	59,261	473,735	8.0
U.S. Virgin Islands.....	6.7	5.5	6.3	5.4	5.1	2,472	15,768	6.4	2,854	15,493	5.4	2,918	15,495	5.3

—Not available.

<sup>1</sup>U.S. totals include imputations for underreporting and nonreporting states.

<sup>2</sup>Includes imputations for underreporting.

NOTE: Staff reported in full-time equivalents. DoD = Department of Defense. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 2000–01 through 2010–11. (This table was prepared May 2012.)

**Table 97. Number, highest degree, average years of experience, and salaries of principals in public and private elementary and secondary schools, by selected characteristics: 1993–94, 2003–04, and 2007–08**  
[Standard errors appear in parentheses]

Selected characteristic	Number of principals <sup>1</sup>			Percentage distribution by highest degree earned, 2007–08								Average years of experience				Average annual salary in constant 2011–12 dollars <sup>2</sup>					
	1993–94	2003–04	2007–08	Bachelor's or less	Master's	Education specialist <sup>3</sup>	Doctor's and first-professional	As a principal			Teaching experience, 2007–08	1993–94	2003–04	2007–08	1993–94	2003–04	2007–08				
								1993–94	2003–04	2007–08											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15							
Public schools Total.....	79,620 (235)	87,620 (307)	90,470 (544)	1.5 (0.23)	61.1 (1.01)	29.0 (0.97)	8.4 (0.57)	8.7 (0.10)	7.8 (0.10)	7.5 (0.14)	13.1 (0.14)	\$85,400 (200)	\$92,300 (230)	\$92,200 (410)							
Sex																					
Males.....	52,110 (613)	45,930 (707)	44,950 (1,129)	1.5 (0.36)	64.0 (1.64)	26.8 (1.49)	7.7 (0.78)	10.3 (0.16)	9.1 (0.16)	8.2 (0.20)	12.0 (0.21)	85,500 (250)	92,500 (350)	92,600 (710)							
Females.....	27,500 (542)	41,690 (708)	45,520 (1,129)	1.5 (0.34)	58.1 (1.29)	31.2 (1.42)	9.2 (0.73)	5.6 (0.12)	6.3 (0.13)	6.8 (0.19)	14.3 (0.21)	85,200 (430)	92,200 (410)	91,800 (670)							
Race/ethnicity																					
White.....	67,080 (540)	72,200 (509)	73,160 (1,008)	1.5 (0.30)	60.4 (1.11)	30.2 (1.05)	8.0 (0.57)	9.0 (0.12)	8.0 (0.12)	7.8 (0.17)	13.2 (0.17)	84,800 (210)	91,800 (270)	91,200 (470)							
Black.....	8,020 (351)	9,250 (377)	9,620 (659)	†	56.3 (3.45)	29.6 (3.12)	13.4 (1.98)	7.1 (0.21)	6.9 (0.33)	6.2 (0.38)	13.0 (0.50)	89,800 (710)	94,600 (810)	94,400 (1,390)							
Hispanic.....	3,270 (258)	4,680 (355)	5,870 (540)	†	73.8 (4.06)	17.5 (4.22)	6.4 (2.03)	6.3 (0.37)	6.1 (0.43)	6.5 (0.62)	12.2 (0.71)	86,900 (1,240)	97,200 (1,670)	99,900 (2,850)							
Asian.....	620 (109)	460 (87)	570 (146)	†	64.5 (12.62)	27.2 (13.24)	†	6.0 (0.60)	6.8 (1.17)	6.3 (0.97)	12.8 (1.48)	92,500 (2,220)	101,100 (2,040)	111,200 (7,170)							
Native Hawaiian/Pacific Islander.....	— (†)	†	†	†	†	†	†	†	†	†	†	— (†)	†	†							
American Indian/Alaska Native.....	630 (67)	600 (80)	620 (179)	†	69.2 (9.56)	21.4 (7.71)	†	12.6 (0.67)	6.9 (0.63)	6.4 (1.30)	13.9 (2.80)	79,600 (2,700)	75,800 (2,600)	82,400 (3,540)							
Two or more races.....	— (†)	350 (82)	490 (155)	†	76.6 (11.09)	†	†	— (†)	5.6 (1.12)	5.8 (1.50)	12.9 (2.38)	— (†)	92,700 (4,610)	87,800 (6,050)							
Age																					
Under 40.....	5,940 (273)	12,840 (477)	17,290 (785)	2.9 (0.76)	65.9 (2.39)	25.2 (2.18)	6.0 (1.11)	2.8 (0.13)	2.4 (0.10)	2.9 (0.14)	7.6 (0.14)	72,400 (740)	84,200 (670)	85,400 (970)							
40 to 44.....	14,570 (496)	9,540 (449)	13,330 (706)	†	63.2 (2.62)	28.8 (2.40)	6.5 (1.47)	5.0 (0.12)	4.5 (0.18)	4.8 (0.22)	10.7 (0.29)	81,000 (600)	88,400 (810)	90,000 (1,200)							
45 to 49.....	25,430 (429)	16,120 (526)	13,690 (767)	1.3 (0.59)	59.4 (2.71)	31.6 (2.67)	7.7 (1.36)	7.1 (0.13)	6.1 (0.16)	6.1 (0.26)	13.0 (0.33)	86,300 (410)	89,600 (640)	91,200 (1,030)							
50 to 54.....	18,870 (539)	24,170 (669)	17,570 (746)	†	60.7 (2.23)	28.5 (1.98)	10.1 (1.26)	10.3 (0.18)	8.7 (0.19)	8.2 (0.28)	15.2 (0.31)	88,000 (570)	94,200 (530)	93,400 (990)							
55 or over.....	14,820 (441)	24,960 (679)	28,590 (1,000)	1.1 (0.46)	58.2 (1.81)	30.6 (1.91)	10.1 (1.02)	15.1 (0.35)	11.9 (0.23)	11.8 (0.29)	16.4 (0.37)	90,000 (770)	97,900 (580)	97,000 (1,000)							
School type																					
Elementary.....	53,680 (294)	61,480 (361)	62,340 (584)	1.2 (0.27)	61.3 (1.36)	29.1 (1.28)	8.3 (0.66)	8.9 (0.14)	7.9 (0.13)	7.7 (0.17)	13.3 (0.20)	84,300 (260)	92,200 (270)	91,600 (530)							
Secondary.....	18,260 (161)	19,700 (272)	21,550 (460)	1.3 (0.40)	61.0 (1.61)	28.6 (1.47)	9.1 (0.85)	8.0 (0.12)	7.5 (0.19)	7.1 (0.19)	12.7 (0.25)	88,100 (260)	97,100 (540)	97,000 (760)							
Combined.....	2,750 (143)	6,450 (263)	6,580 (364)	4.2 (1.71)	58.8 (3.38)	29.5 (3.00)	7.5 (1.47)	7.5 (0.29)	7.4 (0.36)	7.1 (0.43)	13.1 (0.51)	82,200 (790)	79,100 (750)	81,400 (1,330)							
School locale																					
City.....	— (†)	22,690 (425)	21,560 (731)	1.5 (0.45)	61.3 (2.07)	26.5 (2.11)	10.7 (1.29)	— (†)	7.3 (0.17)	7.0 (0.25)	13.0 (0.35)	— (†)	98,100 (460)	98,000 (800)							
Suburban.....	— (†)	25,600 (506)	25,880 (921)	†	58.2 (1.92)	28.6 (1.92)	12.2 (1.23)	— (†)	7.9 (0.23)	7.7 (0.28)	12.9 (0.30)	— (†)	104,400 (580)	104,200 (990)							
Town.....	— (†)	13,700 (424)	13,860 (669)	†	63.5 (2.58)	30.3 (2.24)	4.9 (0.85)	— (†)	8.1 (0.28)	7.8 (0.34)	13.6 (0.38)	— (†)	84,300 (610)	83,300 (760)							
Rural.....	— (†)	25,640 (492)	29,170 (1,012)	2.0 (0.55)	62.3 (1.70)	30.7 (1.74)	5.1 (0.65)	— (†)	7.9 (0.22)	7.5 (0.27)	13.1 (0.29)	— (†)	79,500 (430)	81,400 (710)							
Private schools Total.....	25,020 (198)	27,690 (677)	27,960 (328)	32.6 (1.37)	50.2 (1.20)	10.0 (0.75)	7.2 (0.63)	8.8 (0.20)	10.0 (0.24)	10.0 (0.22)	13.9 (0.29)	\$49,900 (570)	\$61,400 (750)	\$61,800 (860)							
Sex																					
Males.....	11,610 (301)	12,110 (552)	13,070 (457)	32.8 (2.33)	50.4 (1.85)	8.1 (0.96)	8.6 (1.03)	9.0 (0.26)	11.0 (0.35)	10.6 (0.37)	12.6 (0.50)	55,400 (880)	67,700 (1,230)	67,700 (1,450)							
Females.....	13,410 (283)	15,580 (491)	14,890 (369)	32.5 (1.82)	49.9 (1.68)	11.7 (1.23)	5.9 (0.75)	8.6 (0.27)	9.2 (0.28)	9.5 (0.26)	15.0 (0.37)	45,400 (950)	56,600 (1,030)	57,000 (1,030)							
Race/ethnicity																					
White.....	23,130 (270)	24,850 (715)	24,400 (409)	31.9 (1.47)	51.2 (1.20)	9.7 (0.68)	7.2 (0.66)	8.7 (0.22)	10.3 (0.24)	10.4 (0.25)	14.0 (0.32)	49,800 (620)	61,900 (740)	63,100 (940)							
Black.....	1,060 (124)	1,440 (155)	1,820 (184)	36.5 (5.16)	40.7 (5.19)	15.7 (4.61)	7.1 (3.29)	8.3 (1.04)	7.1 (1.08)	7.1 (0.90)	12.7 (1.37)	53,500 (3,850)	54,200 (4,230)	53,100 (2,310)							
Hispanic.....	520 (91)	820 (116)	1,110 (149)	40.4 (6.38)	40.5 (6.72)	11.2 (4.49)	†	10.1 (1.43)	6.6 (1.29)	7.8 (0.87)	14.0 (1.15)	48,800 (3,050)	58,700 (4,820)	51,800 (3,540)							
Age																					
Under 40.....	4,790 (302)	4,420 (267)	4,750 (318)	47.0 (3.68)	42.4 (3.16)	6.5 (1.55)	4.1 (1.13)	3.5 (0.22)	2.9 (0.20)	3.0 (0.22)	6.0 (0.33)	40,900 (1,350)	50,000 (1,930)	50,200 (1,490)							
40 to 44.....	4,400 (217)	3,040 (250)	3,250 (277)	42.7 (4.36)	43.8 (4.18)	7.7 (1.93)	5.8 (2.01)	5.3 (0.24)	5.4 (0.38)	5.3 (0.35)	9.8 (0.65)	47,400 (1,440)	53,400 (2,100)	58,100 (2,880)							
45 to 49.....	5,140 (216)	4,020 (250)	3,420 (246)	39.7 (4.20)	47.2 (3.52)	7.8 (1.80)	5.3 (1.68)	8.3 (0.27)	7.6 (0.28)	6.2 (0.38)	11.5 (0.72)	53,900 (1,150)	63,200 (1,790)	58,300 (2,210)							
50 to 54.....	4,120 (228)	5,820 (337)	4,390 (263)	29.6 (3.23)	55.6 (3.06)	7.7 (1.44)	7.1 (1.43)	9.6 (0.34)	10.1 (0.35)	9.0 (0.45)	14.1 (0.66)	58,700 (1,550)	64,100 (1,920)	63,100 (1,970)							
55 or over.....	6,550 (244)	10,390 (425)	12,150 (398)	23.4 (2.02)	53.8 (2.09)	13.4 (1.27)	9.4 (0.96)	14.8 (0.40)	15.2 (0.40)	15.4 (0.43)	18.6 (0.44)	49,500 (1,180)	66,000 (1,360)	67,600 (1,540)							
School type																					
Elementary.....	13,350 (158)	16,750 (327)	16,110 (297)	32.2 (1.81)	52.0 (1.64)	10.5 (1.17)	5.2 (0.70)	9.4 (0.27)	9.9 (0.30)	9.9 (0.30)	14.1 (0.37)	44,800 (690)	57,800 (820)	59,600 (1,040)							
Secondary.....	2,300 (244)	2,510 (364)	2,930 (168)	18.0 (3.06)	59.5 (3.47)	11.8 (2.07)	10.7 (1.62)	7.8 (0.36)	9.3 (0.77)	9.9 (0.58)	14.6 (0.61)	68,000 (1,220)	79,500 (3,170)	80,700 (2,550)							
Combined.....	6,770 (115)	8,430 (281)	8,920 (271)	38.1 (2.20)	43.8 (2.18)	8.5 (1.11)	9.6 (1.18)	8.0 (0.34)	10.3 (0.39)	10.2 (0.44)	13.2 (0.53)	52,300 (1,730)	63,100 (1,850)	59,200 (1,590)							
School locale																					
City.....	— (†)	— (†)	9,610 (268)	23.2 (1.90)	55.8 (2.11)	12.2 (1.46)	8.7 (1.17)	— (†)	— (†)	10.8 (0.38)	14.8 (0.43)	— (†)	— (†)	69,800 (1,390)							
Suburban.....	— (†)	— (†)	9,510 (229)	29.8 (2.19)	52.2 (2.04)	10.1 (1.14)	7.9 (1.06)	— (†)	— (†)	10.5 (0.36)	13.8 (0.43)	— (†)	— (†)	66,200 (1,530)							
Town.....	— (†)	— (†)	2,780 (205)	30.7 (3.76)	49.2 (4.10)	13.0 (3.67)	7.1 (1.96)	— (†)	— (†)	9.4 (0.80)	16.1 (1.22)	— (†)	— (†)	47,600 (2,310)							
Rural.....	— (†)	— (†)	6,060 (296)	52.8 (3.49)	38.5 (3.22)	5.0 (1.04)	3.6 (1.03)	— (†)	— (†)	8.1 (0.53)	11.5 (0.72)	— (†)	— (†)	46,100 (1,760)							

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Counts of principals in this table differ from totals appearing in some other tables because this table reflects counts of full- and part-time principals, while other counts of principals are reported as full-time equivalents.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis. Excludes principals reporting a salary of \$0.

<sup>3</sup>Education specialist degrees or certificates are generally awarded for 1 year's work beyond the master's level. Includes certificate of advanced graduate studies.

<sup>4</sup>Data include Native Hawaiian/Pacific Islander.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Questionnaire" and "Private School Principal Questionnaire," 1993–94, 2003–04, and 2007–08. (This table was prepared July 2012.)

**Table 98. Number of public school districts and public and private elementary and secondary schools: Selected years, 1869–70 through 2010–11**

School year	Regular public school districts <sup>1</sup>	Total, all public and private schools	Public schools <sup>2</sup>				Private schools <sup>2,3</sup>			
			Total, all public schools <sup>4</sup>	Total, schools with reported grade spans <sup>5</sup>	Schools with elementary grades		Schools with secondary grades	Total, all private schools	Schools with elementary grades	Schools with secondary grades
					Total	One-teacher				
1	2	3	4	5	6	7	8	9	10	11
1869–70.....	—	—	116,312	—	—	—	—	—	—	—
1879–80.....	—	—	178,122	—	—	—	—	—	—	—
1889–90.....	—	—	224,526	—	—	—	—	—	—	—
1899–1900.....	—	—	248,279	—	—	—	—	—	—	—
1909–10.....	—	—	265,474	—	—	212,448	—	—	—	—
1919–20.....	—	—	271,319	—	—	187,948	—	—	—	—
1929–30.....	—	—	248,117	—	238,306	148,712	23,930	—	9,275 <sup>6</sup>	3,258 <sup>6</sup>
1939–40.....	117,108 <sup>7</sup>	—	226,762	—	—	113,600	—	—	11,306 <sup>6</sup>	3,568 <sup>6</sup>
1949–50.....	83,718 <sup>7</sup>	—	—	—	128,225	59,652	24,542	—	10,375 <sup>6</sup>	3,331 <sup>6</sup>
1951–52.....	71,094 <sup>7</sup>	—	—	—	123,763	50,742	23,746	—	10,666 <sup>6</sup>	3,322 <sup>6</sup>
1959–60.....	40,520 <sup>7</sup>	—	—	—	91,853	20,213	25,784	—	13,574 <sup>6</sup>	4,061 <sup>6</sup>
1961–62.....	35,676 <sup>7</sup>	125,634	107,260	—	81,910	13,333	25,350	18,374	14,762 <sup>6</sup>	4,129 <sup>6</sup>
1963–64.....	31,705 <sup>7</sup>	—	104,015	—	77,584	9,895	26,431	—	—	4,451 <sup>6</sup>
1965–66.....	26,983 <sup>7</sup>	117,662	99,813	—	73,216	6,491	26,597	17,849 <sup>6</sup>	15,340 <sup>6</sup>	4,606 <sup>6</sup>
1967–68.....	22,010 <sup>7</sup>	—	—	94,197	70,879	4,146	27,011	—	—	—
1970–71.....	17,995 <sup>7</sup>	—	—	89,372	65,800	1,815	25,352	—	14,372 <sup>6</sup>	3,770 <sup>6</sup>
1973–74.....	16,730 <sup>7</sup>	—	—	88,655	65,070	1,365	25,906	—	—	—
1975–76.....	16,376 <sup>7</sup>	—	88,597	87,034	63,242	1,166	25,330	—	—	—
1976–77.....	16,271 <sup>7</sup>	—	—	86,501	62,644	1,111	25,378	19,910 <sup>6</sup>	16,385 <sup>6</sup>	5,904 <sup>6</sup>
1978–79.....	16,014 <sup>7</sup>	—	—	84,816	61,982	1,056	24,504	19,489 <sup>6</sup>	16,097 <sup>6</sup>	5,766 <sup>6</sup>
1979–80.....	15,944 <sup>7</sup>	—	87,004	—	—	—	—	—	—	—
1980–81.....	15,912 <sup>7</sup>	106,746	85,982	83,688	61,069	921	24,362	20,764 <sup>6</sup>	16,792 <sup>6</sup>	5,678 <sup>6</sup>
1982–83.....	15,824 <sup>7</sup>	—	84,740	82,039	59,656	798	23,988	—	—	—
1983–84.....	15,747 <sup>7</sup>	111,872	84,178	81,418	59,082	838	23,947	27,694	20,872	7,862
1984–85.....	—	—	84,007	81,147	58,827	825	23,916	—	—	—
1985–86.....	—	—	—	—	—	—	—	25,616	20,252	7,387
1986–87.....	15,713	—	83,421	82,316	60,811	763	23,481	—	—	—
1987–88.....	15,577	110,055	83,248	81,416	59,754	729	23,841	26,807	22,959	8,418
1988–89.....	15,376	—	83,165	81,579	60,176	583	23,638	—	—	—
1989–90.....	15,367	110,137	83,425	81,880	60,699	630	23,461	26,712	24,221	10,197
1990–91.....	15,358	109,228	84,538	82,475	61,340	617	23,460	24,690	22,223	9,889
1991–92.....	15,173	110,576	84,578	82,506	61,739	569	23,248	25,998	23,523	9,282
1992–93.....	15,025	—	84,497	82,896	62,225	430	23,220	—	—	—
1993–94.....	14,881	111,486	85,393	83,431	62,726	442	23,379	26,093	23,543	10,555
1994–95.....	14,772	—	86,221	84,476	63,572	458	23,668	—	—	—
1995–96.....	14,766	121,519	87,125	84,958	63,961	474	23,793	34,394	32,401	10,942
1996–97.....	14,841	—	88,223	86,092	64,785	487	24,287	—	—	—
1997–98.....	14,805	123,403	89,508	87,541	65,859	476	24,802	33,895	31,408	10,779
1998–99.....	14,891	—	90,874	89,259	67,183	463	25,797	—	—	—
1999–2000.....	14,928	125,007	92,012	90,538	68,173	423	26,407	32,995	30,457	10,693
2000–01.....	14,859	—	93,273	91,691	69,697	411	27,090	—	—	—
2001–02.....	14,559	130,007	94,112	92,696	70,516	408	27,468	35,895	33,191	11,846
2002–03.....	14,465	—	95,615	93,869	71,270	366	28,151	—	—	—
2003–04.....	14,383	130,407	95,726	93,977	71,195	376	28,219	34,681	31,988	11,188
2004–05.....	14,205	—	96,513	95,001	71,556	338	29,017	—	—	—
2005–06.....	14,166	132,436	97,382	95,731	71,733	326	29,705	35,054	32,127	12,184
2006–07.....	13,856	—	98,793	96,362	72,442	313	29,904	—	—	—
2007–08.....	13,838	132,656	98,916	97,654	73,011	288	30,542	33,740	30,808	11,870
2008–09.....	13,809	—	98,706	97,119	72,771	237	29,971	—	—	—
2009–10.....	13,625	132,183	98,817	97,521	72,870	217	30,381	33,366	30,590	11,491
2010–11.....	13,588	—	98,817	97,767	72,223	224	30,681	—	—	—

—Not available.

<sup>1</sup>Regular districts exclude regional education service agencies and supervisory union administrative centers, state-operated agencies, federally operated agencies, and other types of local education agencies, such as independent charter schools.

<sup>2</sup>Schools with both elementary and secondary programs are included under elementary schools and also under secondary schools.

<sup>3</sup>Data for most years prior to 1976–77 are partly estimated. Prior to 1995–96, excludes schools with highest grade of kindergarten.

<sup>4</sup>Includes regular schools and special schools not classified by grade span.

<sup>5</sup>Includes elementary, secondary, and combined elementary/secondary schools.

<sup>6</sup>These data cannot be compared directly with the data for years after 1980–81.

<sup>7</sup>Because of expanded survey coverage, data are not directly comparable with figures after 1983–84.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Annual Report of the Commissioner of Education*, 1870 through 1910; *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1951–52 through 1967–68; *Statistics of Public Elementary and Secondary School Systems*, 1970–71 through 1980–81; *Statistics of Public and Nonpublic Elementary and Secondary Day Schools*, 1968–69; *Statistics of Nonpublic Elementary and Secondary Schools*, 1970–71; *Private Schools in American Education*; Schools and Staffing Survey (SASS), "Private School Questionnaire," 1987–88 and 1990–91; Private School Universe Survey (PSS), 1989–90 through 2009–10; and Common Core of Data (CCD), "Local Education Agency Universe Survey" and "Public Elementary/Secondary School Universe Survey," 1982–83 through 2010–11. (This table was prepared November 2012.)

**Table 99. Number and enrollment of regular public school districts, by enrollment size of district: Selected years, 1979–80 through 2010–11**

Year	Enrollment size of district									
	Total	25,000 or more	10,000 to 24,999	5,000 to 9,999	2,500 to 4,999	1,000 to 2,499	600 to 999	300 to 599	1 to 299	Size not reported
1	2	3	4	5	6	7	8	9	10	11
Number of districts										
1979–80.....	15,944	181	478	1,106	2,039	3,475	1,841	2,298	4,223	303
1989–90.....	15,367	179	479	913	1,937	3,547	1,801	2,283	3,910	318
1997–98.....	14,805	230	572	1,038	2,079	3,524	1,775	2,044	3,165	378
1998–99.....	14,891	236	574	1,026	2,062	3,496	1,790	2,066	3,245	396
1999–2000.....	14,928	238	579	1,036	2,068	3,457	1,814	2,081	3,298	357
2000–01.....	14,859	240	581	1,036	2,060	3,448	1,776	2,107	3,265	346
2001–02.....	14,559	243	573	1,067	2,031	3,429	1,744	2,015	3,127	330
2002–03.....	14,465	248	587	1,062	2,033	3,411	1,745	1,987	3,117	275
2003–04.....	14,383	256	594	1,058	2,031	3,421	1,728	1,981	2,994	320
2004–05.....	14,205	264	589	1,056	2,018	3,391	1,739	1,931	2,881	336
2005–06.....	14,166	269	594	1,066	2,015	3,335	1,768	1,895	2,857	367
2006–07.....	13,856	275	598	1,066	2,006	3,334	1,730	1,898	2,685	264
2007–08.....	13,838	281	589	1,062	2,006	3,292	1,753	1,890	2,692	273
2008–09.....	13,809	280	594	1,049	1,995	3,272	1,766	1,886	2,721	246
2009–10 <sup>1</sup> .....	13,625	284	598	1,044	1,985	3,242	1,750	1,891	2,707	124
2010–11.....	13,588	282	600	1,052	1,975	3,224	1,738	1,887	2,687	143
Percentage distribution of districts										
1979–80.....	100.0	1.1	3.0	6.9	12.8	21.8	11.5	14.4	26.5	1.9
1989–90.....	100.0	1.2	3.1	5.9	12.6	23.1	11.7	14.9	25.4	2.1
1997–98.....	100.0	1.6	3.9	7.0	14.0	23.8	12.0	13.8	21.4	2.6
1998–99.....	100.0	1.6	3.9	6.9	13.8	23.5	12.0	13.9	21.8	2.7
1999–2000.....	100.0	1.6	3.9	6.9	13.9	23.2	12.2	13.9	22.1	2.4
2000–01.....	100.0	1.6	3.9	7.0	13.9	23.2	12.0	14.2	22.0	2.3
2001–02.....	100.0	1.7	3.9	7.3	14.0	23.6	12.0	13.8	21.5	2.3
2002–03.....	100.0	1.7	4.1	7.3	14.1	23.6	12.1	13.7	21.5	1.9
2003–04.....	100.0	1.8	4.1	7.4	14.1	23.8	12.0	13.8	20.8	2.2
2004–05.....	100.0	1.9	4.1	7.4	14.2	23.9	12.2	13.6	20.3	2.4
2005–06.....	100.0	1.9	4.2	7.5	14.2	23.5	12.5	13.4	20.2	2.6
2006–07.....	100.0	2.0	4.3	7.7	14.5	24.1	12.5	13.7	19.4	1.9
2007–08.....	100.0	2.0	4.3	7.7	14.5	23.8	12.7	13.7	19.5	2.0
2008–09.....	100.0	2.0	4.3	7.6	14.4	23.7	12.8	13.7	19.7	1.8
2009–10 <sup>1</sup> .....	100.0	2.1	4.4	7.7	14.6	23.8	12.8	13.9	19.9	0.9
2010–11.....	100.0	2.1	4.4	7.7	14.5	23.7	12.8	13.9	19.8	1.1
Number of students										
1979–80.....	41,882,000	11,415,000	7,004,000	7,713,000	7,076,000	5,698,000	1,450,000	1,005,000	521,000	†
1989–90.....	40,069,756	11,209,889	7,107,362	6,347,103	6,731,334	5,763,282	1,402,623	997,434	510,729	†
1997–98.....	45,872,785	14,445,720	8,540,624	7,123,005	7,272,764	5,753,977	1,402,274	899,840	434,581	†
1998–99.....	46,027,818	14,692,018	8,559,319	7,058,626	7,244,109	5,706,203	1,411,553	908,530	447,460	†
1999–2000.....	46,318,635	14,886,636	8,656,672	7,120,704	7,244,407	5,620,962	1,426,280	911,127	451,847	†
2000–01.....	46,588,307	15,083,671	8,750,743	7,144,242	7,235,089	5,597,023	1,400,732	927,146	449,661	†
2001–02.....	46,906,607	15,356,667	8,756,777	7,393,237	7,129,358	5,576,508	1,375,571	885,061	433,228	†
2002–03.....	47,379,395	15,690,805	8,957,891	7,348,643	7,150,205	5,547,189	1,375,070	874,163	435,429	†
2003–04.....	47,685,982	15,939,776	9,039,697	7,342,745	7,160,367	5,558,125	1,355,563	867,599	422,110	†
2004–05.....	47,800,967	16,182,672	8,980,096	7,346,960	7,134,861	5,533,156	1,368,546	851,455	403,221	†
2005–06.....	48,013,931	16,376,213	9,055,547	7,394,010	7,114,942	5,442,588	1,391,314	835,430	403,887	†
2006–07.....	48,105,666	16,496,573	9,083,944	7,395,889	7,092,532	5,433,770	1,363,287	840,032	399,639	†
2007–08.....	48,096,140	16,669,611	8,946,432	7,408,553	7,103,274	5,358,492	1,381,342	834,295	394,141	†
2008–09.....	48,033,126	16,634,807	9,043,665	7,324,565	7,079,061	5,329,406	1,392,110	832,262	397,250	†
2009–10 <sup>1</sup> .....	48,021,335	16,788,789	9,053,144	7,265,111	7,034,640	5,266,945	1,381,415	835,035	396,256	†
2010–11.....	48,059,830	16,803,247	9,150,912	7,318,413	6,973,720	5,215,389	1,372,759	833,764	391,626	†
Percentage distribution of students										
1979–80.....	100.0	27.3	16.7	18.4	16.9	13.6	3.5	2.4	1.2	†
1989–90.....	100.0	28.0	17.7	15.8	16.8	14.4	3.5	2.5	1.3	†
1997–98.....	100.0	31.5	18.6	15.5	15.9	12.5	3.1	2.0	0.9	†
1998–99.....	100.0	31.9	18.6	15.3	15.7	12.4	3.1	2.0	1.0	†
1999–2000.....	100.0	32.1	18.7	15.4	15.6	12.1	3.1	2.0	1.0	†
2000–01.....	100.0	32.4	18.8	15.3	15.5	12.0	3.0	2.0	1.0	†
2001–02.....	100.0	32.7	18.7	15.8	15.2	11.9	2.9	1.9	0.9	†
2002–03.....	100.0	33.1	18.9	15.5	15.1	11.7	2.9	1.8	0.9	†
2003–04.....	100.0	33.4	19.0	15.4	15.0	11.7	2.8	1.8	0.9	†
2004–05.....	100.0	33.9	18.8	15.4	14.9	11.6	2.9	1.8	0.8	†
2005–06.....	100.0	34.1	18.9	15.4	14.8	11.3	2.9	1.7	0.8	†
2006–07.....	100.0	34.3	18.9	15.4	14.7	11.3	2.8	1.7	0.8	†
2007–08.....	100.0	34.7	18.6	15.4	14.8	11.1	2.9	1.7	0.8	†
2008–09.....	100.0	34.6	18.8	15.2	14.7	11.1	2.9	1.7	0.8	†
2009–10 <sup>1</sup> .....	100.0	35.0	18.9	15.1	14.6	11.0	2.9	1.7	0.8	†
2010–11.....	100.0	35.0	19.0	15.2	14.5	10.9	2.9	1.7	0.8	†

†Not applicable.

<sup>1</sup>Some data have been revised from previously published figures.

NOTE: Size not reported (column 11) includes school districts reporting enrollment of zero. Regular districts exclude regional education service agencies and supervisory union administrative centers, state-operated agencies, federally operated agencies, and other types of local education agencies, such as independent charter schools. Enrollment totals

differ from other tables because this table represents data reported by regular school districts rather than states or schools. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 1979–80 through 2010–11. (This table was prepared August 2011.)

**Table 100. Number of public elementary and secondary education agencies, by type of agency and state or jurisdiction: 2009–10 and 2010–11**

State or jurisdiction	Total agencies		Regular school districts <sup>1</sup>		Regional education service agencies and supervisory union administrative centers		State-operated agencies		Federally operated agencies		Independent charter schools and other agencies	
	2009–10	2010–11	2009–10	2010–11	2009–10	2010–11	2009–10	2010–11	2009–10	2010–11	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>17,800</b>	<b>17,904</b>	<b>13,625</b>	<b>13,588</b>	<b>1,521</b>	<b>1,543</b>	<b>263</b>	<b>286</b>	<b>0</b>	<b>1</b>	<b>2,391</b>	<b>2,486</b>
Alabama .....	171	171	133	133	0	0	38	38	0	0	0	0
Alaska .....	54	54	53	53	0	0	1	1	0	0	0	0
Arizona .....	640	647	224	224	18	18	10	10	0	0	388	395
Arkansas .....	295	289	244	239	15	15	5	5	0	0	31	30
California .....	1,190	1,189	958	955	198	197	8	8	0	0	26	29
Colorado .....	262	259	178	178	83	79	0	1	0	0	1	1
Connecticut .....	200	200	169	169	6	6	7	7	0	0	18	18
Delaware .....	40	41	19	19	1	1	2	2	0	0	18	19
District of Columbia .....	59	54	1	2	0	0	1	1	0	0	57	51
Florida .....	75	75	67	67	0	0	3	3	0	0	5	5
Georgia .....	206	212	180	180	16	16	5	5	0	0	5	11
Hawaii .....	1	1	1	1	0	0	0	0	0	0	0	0
Idaho .....	142	146	116	116	0	0	4	4	0	0	22	26
Illinois .....	1,076	1,078	869	868	201	201	5	5	0	0	1	4
Indiana .....	387	391	294	293	31	30	4	4	0	0	58	64
Iowa .....	371	368	361	359	10	9	0	0	0	0	0	0
Kansas .....	327	324	316	312	0	0	11	12	0	0	0	0
Kentucky .....	194	194	174	174	18	18	2	2	0	0	0	0
Louisiana .....	123	126	69	70	0	0	8	6	0	0	46	50
Maine .....	255	252	246	235	5	13	4	4	0	0	0	0
Maryland .....	25	25	24	24	0	0	1	1	0	0	0	0
Massachusetts .....	393	394	244	244	86	86	1	1	0	0	62	63
Michigan .....	854	863	551	551	57	57	6	6	0	0	240	249
Minnesota .....	558	555	337	337	64	66	3	3	0	0	154	149
Mississippi .....	165	164	152	152	0	0	13	12	0	0	0	0
Missouri .....	565	567	523	522	0	0	5	5	0	0	37	40
Montana .....	502	503	417	417	77	77	3	4	0	0	5	5
Nebraska .....	294	290	253	251	36	34	5	5	0	0	0	0
Nevada .....	18	18	17	17	0	0	0	0	0	0	1	1
New Hampshire .....	280	277	180	178	89	89	0	0	0	0	11	10
New Jersey .....	675	690	603	613	1	1	3	3	0	0	68	73
New Mexico .....	108	128	89	89	0	0	6	6	0	0	13	33
New York <sup>2</sup> .....	879	919	696	695	37	48	6	6	0	0	140	170
North Carolina .....	231	235	115	115	0	0	6	7	0	0	110	113
North Dakota .....	224	223	181	179	40	41	3	3	0	0	0	0
Ohio .....	1,047	1,063	615	615	105	105	4	4	0	0	323	339
Oklahoma .....	584	578	532	526	0	0	3	3	0	0	49	49
Oregon .....	221	221	190	186	20	20	4	4	0	0	7	11
Pennsylvania .....	798	773	500	500	105	105	20	20	0	0	173	148
Rhode Island .....	52	54	32	32	4	4	6	6	0	0	10	12
South Carolina .....	103	104	85	86	13	13	4	4	0	0	1	1
South Dakota .....	166	172	156	152	5	16	5	4	0	0	0	0
Tennessee .....	140	140	140	137	0	0	0	3	0	0	0	0
Texas .....	1,280	1,275	1,032	1,031	20	20	14	14	0	0	214	210
Utah .....	117	124	41	41	4	4	2	3	0	0	70	76
Vermont .....	357	360	291	294	59	59	2	2	0	0	5	5
Virginia .....	207	225	134	134	70	70	3	20	0	1	0	0
Washington .....	310	314	295	295	10	9	0	2	0	0	5	8
West Virginia .....	57	57	55	55	0	0	2	2	0	0	0	0
Wisconsin .....	461	461	425	424	16	16	3	3	0	0	17	18
Wyoming .....	61	61	48	49	1	0	12	12	0	0	0	0
Bureau of Indian Education ..	196	196	174	174	22	22	0	0	0	0	0	0
DoD, domestic and overseas .....	16	16	0	0	0	0	0	0	16	16	0	0
Other jurisdictions												
American Samoa .....	1	1	1	1	0	0	0	0	0	0	0	0
Guam .....	1	1	1	1	0	0	0	0	0	0	0	0
Northern Marianas .....	1	1	1	1	0	0	0	0	0	0	0	0
Puerto Rico .....	1	1	1	1	0	0	0	0	0	0	0	0
U.S. Virgin Islands .....	2	2	2	2	0	0	0	0	0	0	0	0

<sup>1</sup>Regular school districts include both independent districts and those that are a dependent segment of a local government. Also includes components of supervisory unions that operate schools, but share superintendent services with other districts.

<sup>2</sup>New York City counted as one school district.

NOTE: DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 2009–10 and 2010–11. (This table was prepared November 2012.)

**Table 101. Public elementary and secondary school enrollment, number of schools, and other characteristics, by locale: 2008–09, 2009–10, and 2010–11**

Enrollment, number of schools, and other characteristics	Total	City, large <sup>1</sup>	City, midsize <sup>2</sup>	City, small <sup>3</sup>	Suburban, large <sup>4</sup>	Suburban, midsize <sup>5</sup>	Suburban, small <sup>6</sup>	Town, fringe <sup>7</sup>	Town, distant <sup>8</sup>	Town, remote <sup>9</sup>	Rural, fringe <sup>10</sup>	Rural, distant <sup>11</sup>	Rural, remote <sup>12</sup>	Locale unknown
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Fall 2008</b>														
Enrollment (in thousands).....	49,054	7,425	3,146	3,752	14,438	1,590	1,019	2,087	2,325	1,586	6,933	3,554	1,197	†
Percentage distribution of enrollment, by race/ethnicity.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White.....	54.9	21.2	35.0	50.3	54.7	65.6	67.6	72.8	68.4	64.8	68.8	81.7	76.1	†
Black.....	16.9	30.0	29.3	19.0	15.6	10.8	10.7	8.6	13.7	10.9	12.3	8.4	7.6	†
Hispanic.....	21.5	39.6	28.2	22.9	22.0	17.7	16.4	15.5	14.6	17.3	13.9	6.9	7.7	†
Asian/Pacific Islander.....	5.0	7.9	6.1	6.2	6.6	4.2	3.6	1.7	1.2	3.1	3.3	0.8	0.7	†
American Indian/Alaska Native.....	1.2	0.8	0.7	0.9	0.5	0.7	0.9	1.1	1.9	3.7	1.2	2.1	7.8	†
Other.....	0.5	0.4	0.8	0.6	0.7	1.0	0.8	0.4	0.2	0.2	0.4	0.1	0.1	†
Schools.....	98,706	12,927	5,780	6,968	22,482	2,786	1,900	4,258	5,639	4,331	12,625	11,792	7,218	†
Average school size <sup>13</sup> .....	517	588	575	566	662	591	558	512	443	396	579	311	171	†
Pupil/teacher ratio <sup>14</sup> .....	15.7	16.2	15.9	15.8	15.9	16.0	16.4	15.9	15.2	15.0	15.9	14.4	12.4	†
Enrollment (percentage distribution)...	100.0	15.1	6.4	7.6	29.4	3.2	2.1	4.3	4.7	3.2	14.1	7.2	2.4	†
Schools (percentage distribution).....	100.0	13.1	5.9	7.1	22.8	2.8	1.9	4.3	5.7	4.4	12.8	11.9	7.3	†
<b>Fall 2009</b>														
Enrollment (in thousands).....	49,082	7,511	3,174	3,692	14,296	1,574	1,003	956	3,089	1,854	7,267	3,495	1,171	#
Percentage distribution of enrollment, by race/ethnicity.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	54.1	21.2	34.9	49.3	53.7	64.5	66.7	71.7	69.2	64.0	67.8	81.5	76.0	44.4
Black.....	16.8	29.7	27.9	18.8	15.6	11.0	10.7	6.5	12.4	11.5	12.3	8.4	7.2	16.2
Hispanic.....	22.2	39.8	29.3	24.1	22.7	18.6	16.7	18.4	14.9	17.5	14.6	7.0	7.9	34.8
Asian/Pacific Islander.....	5.0	7.9	6.2	6.2	6.7	4.3	3.7	1.7	1.4	2.9	3.4	0.8	0.7	2.8
American Indian/Alaska Native.....	1.2	0.8	0.7	1.0	0.5	0.7	0.9	1.2	1.6	3.6	1.2	2.1	7.7	0.6
Other.....	0.7	0.7	1.0	0.7	0.7	1.0	1.2	0.5	0.6	0.5	0.7	0.3	0.4	1.1
Schools.....	98,817	13,234	5,705	6,828	22,395	2,771	1,875	1,926	7,069	4,991	13,156	11,687	7,103	77
Average school size <sup>13</sup> .....	516	583	582	566	656	583	555	513	462	399	579	308	170	13
Pupil/teacher ratio <sup>14</sup> .....	16.0	16.4	16.4	16.1	16.4	16.4	16.6	16.5	15.5	15.1	16.2	14.5	12.5	5.0
Enrollment (percentage distribution)...	100.0	15.3	6.5	7.5	29.1	3.2	2.0	1.9	6.3	3.8	14.8	7.1	2.4	#
Schools (percentage distribution).....	100.0	13.4	5.8	6.9	22.7	2.8	1.9	2.0	7.2	5.1	13.3	11.8	7.2	#
<b>Fall 2010</b>														
Enrollment (in thousands).....	49,178	7,545	3,186	3,694	14,290	1,580	1,001	939	3,066	1,835	7,418	3,460	1,154	8
Percentage distribution of enrollment, by race/ethnicity.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	52.5	20.4	34.1	47.0	51.7	62.8	64.7	70.0	67.6	62.5	65.7	80.3	75.3	62.1
Black.....	16.0	28.4	25.7	18.3	15.0	10.2	10.0	6.2	11.6	10.9	11.6	7.8	6.8	16.4
Hispanic.....	23.1	40.5	30.3	25.1	23.6	19.4	18.5	18.8	15.8	18.4	15.9	7.6	8.4	12.9
Asian.....	4.6	7.5	5.8	5.6	6.2	3.3	3.5	1.5	1.2	1.9	3.2	0.6	0.5	4.2
Pacific Islander.....	0.3	0.4	0.4	0.3	0.4	0.6	0.2	0.1	0.2	1.1	0.2	0.1	0.2	0.1
American Indian/Alaska Native.....	1.1	0.8	0.7	0.9	0.5	0.7	0.8	1.0	1.5	3.3	1.1	2.0	7.4	0.9
Two or more races.....	2.4	2.0	3.1	2.8	2.5	3.1	2.3	2.4	2.2	2.1	2.3	1.6	1.4	3.4
English language learners (in thousands) <sup>15</sup> .....	4,694	1,323	472	415	1,546	107	79	72	184	113	268	78	39	0
English language learners as a percent of enrollment <sup>15</sup> .....	9.8	17.8	14.2	11.3	9.8	7.1	8.6	8.6	6.2	5.9	4.9	2.4	3.6	0.0
Schools.....	98,817	13,279	5,737	6,863	22,425	2,805	1,878	1,906	7,004	4,928	13,348	11,593	7,011	40
Average school size <sup>13</sup> .....	517	584	583	568	655	579	555	511	462	400	583	307	170	481
Pupil/teacher ratio <sup>16</sup> .....	16.4	17.1	17.0	16.6	16.8	16.8	17.1	16.8	15.8	15.4	16.6	14.6	12.7	16.2
Enrollment (percentage distribution)...	100.0	15.3	6.5	7.5	29.1	3.2	2.0	1.9	6.2	3.7	15.1	7.0	2.3	#
Schools (percentage distribution).....	100.0	13.4	5.8	6.9	22.7	2.8	1.9	1.9	7.1	5.0	13.5	11.7	7.1	#

†Not applicable.

#Rounds to zero.

<sup>1</sup>Located inside an urbanized area and inside a principal city with a population of at least 250,000.

<sup>2</sup>Located inside an urbanized area and inside a principal city with a population of at least 100,000, but less than 250,000.

<sup>3</sup>Located inside an urbanized area and inside a principal city with a population less than 100,000.

<sup>4</sup>Located inside an urbanized area and outside a principal city with a population of 250,000 or more.

<sup>5</sup>Located inside an urbanized area and outside a principal city with a population of at least 100,000, but less than 250,000.

<sup>6</sup>Located inside an urbanized area and outside a principal city with a population less than 100,000.

<sup>7</sup>Located inside an urban cluster that is 10 miles or less from an urbanized area.

<sup>8</sup>Located inside an urban cluster that is more than 10 but less than or equal to 35 miles from an urbanized area.

<sup>9</sup>Located inside an urban cluster that is more than 35 miles from an urbanized area.

<sup>10</sup>Located outside any urbanized area or urban cluster, but 5 miles or less from an urbanized area or 2.5 miles or less from an urban cluster.

<sup>11</sup>Located outside any urbanized area or urban cluster and more than 5 miles but less than or equal to 25 miles from an urbanized area, or more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

<sup>12</sup>Located outside any urbanized area or urban cluster, more than 25 miles from an urbanized area, and more than 10 miles from an urban cluster.

<sup>13</sup>Average for schools reporting enrollment. Enrollment data were available for 94,820 out of 98,706 schools in 2008–09, 95,222 out of 98,817 schools in 2009–10, and 95,111 out of 98,817 schools in 2010–11.

<sup>14</sup>Ratio for schools reporting both full-time-equivalent teachers and fall enrollment data.

<sup>15</sup>Data are based on locales of school districts, rather than locales of schools as in the rest of the table. Includes imputed data for California and Vermont.

<sup>16</sup>Ratio for schools reporting both full-time-equivalent teachers and fall enrollment data. Includes imputations for teachers in California and Wyoming.

NOTE: Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity. Enrollment and ratios are based on data reported by schools and may differ from data reported in other tables that reflect aggregate totals reported by states. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2008–09, 2009–10, and 2010–11; and "Local Education Agency Universe Survey," 2010–11. (This table was prepared November 2012.)

**Table 102. Selected statistics on enrollment, teachers, dropouts, and graduates in public school districts enrolling more than 15,000 students: Selected years, 1990 through 2010**

Name of district	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2010	Number of English language learners, 2010	Percent eligible for free or reduced- price lunch, 2010	Percentage distribution of enrollment, by race/ethnicity, fall 2010						Teachers and staff, fall 2010					Dropouts and graduates, 2008–09					Number of schools, fall 2010
							White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Number of classroom teachers	Pupil/ teacher ratio	Total number of staff	Student/ staff ratio	Teachers as a percentage of total staff	Percent dropping out of grades 9–12	Number of dropouts from grades 9–12	Averaged freshman graduation rate (AFGR) <sup>1</sup>	Number of high school graduates <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
<b>Districts with more than 15,000 students<sup>3</sup> .....</b>	<b>†</b>	<b>16,910,204</b>	<b>20,306,747</b>	<b>21,795,324</b>	<b>—</b>	<b>53.0</b>	<b>36.1</b>	<b>21.8</b>	<b>32.0</b>	<b>6.9</b>	<b>0.7</b>	<b>2.6</b>	<b>1,290,069</b>	<b>16.9</b>	<b>2,514,575</b>	<b>8.7</b>	<b>51.3</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>32,681</b>	
Baldwin County.....	AL	17,479	22,656	28,199	681	42.3	78.7	13.9	5.0	0.9	0.6	0.9	1,793	15.7	3,404	8.3	52.7	0.7	56	72.5	1,549	46	
Birmingham City.....	AL	41,710	37,843	25,914	41	66.8	1.0	96.0	2.6	0.2	#	0.1	1,612	16.1	3,125	8.3	51.6	4.3	349	47.4	1,210	79	
Huntsville City.....	AL	24,024	22,832	23,364	896	47.3	47.0	42.8	6.5	2.4	0.6	0.7	1,661	14.1	3,040	7.7	54.6	1.5	105	68.1	1,351	50	
Jefferson County.....	AL	40,752	40,726	35,860	788	49.7	50.4	43.2	5.1	0.6	0.2	0.5	2,584	13.9	4,833	7.4	53.5	1.5	164	68.9	2,194	60	
Madison County.....	AL	13,861	15,675	19,897	155	32.6	71.2	18.7	2.4	1.7	5.4	0.5	1,301	15.3	2,467	8.1	52.7	1.9	112	71.7	1,142	28	
Mobile County.....	AL	67,286	64,976	62,016	1,025	68.7	43.8	51.1	1.8	2.3	1.0	#	4,052	15.3	8,146	7.6	49.7	1.4	253	65.2	3,369	109	
Montgomery County.....	AL	35,973	33,267	31,464	1,156	69.9	15.3	78.7	2.9	2.7	0.1	0.2	1,916	16.4	3,910	8.0	49.0	0.6	49	52.4	1,279	63	
Shelby County.....	AL	16,096	20,129	28,063	1,485	30.1	74.4	14.3	8.6	1.9	0.2	0.7	1,926	14.6	3,724	7.5	51.7	0.6	48	83.3	1,597	39	
Tuscaloosa County.....	AL	14,514	15,666	17,785	298	50.1	68.1	27.6	3.2	0.6	0.2	0.3	1,165	15.3	2,157	8.2	54.0	2.9	139	69.4	878	34	
Anchorage School.....	AK	41,992	49,526	49,206	5,351	39.4	47.3	6.5	10.2	14.6	8.8	12.7	2,973	16.6	6,248	7.9	47.6	4.7	717	74.9	2,967	97	
Matanuska-Susitna Borough.....	AK	9,810	13,008	17,079	419	32.5	80.0	1.5	2.3	2.4	11.5	2.2	993	17.2	1,956	8.7	50.8	7.0	370	76.4	1,012	44	
Cartwright Elementary.....	AZ	14,368	17,746	17,672	4,950	84.8	4.4	4.4	88.8	0.5	1.3	0.7	967	18.3	1,770	10.0	54.6	†	†	†	†	21	
Chandler Unified.....	AZ	11,041	21,703	38,876	1,715	26.6	57.2	6.7	25.7	8.5	1.6	0.2	1,994	19.5	3,681	10.6	54.2	4.1	423	85.6	2,083	41	
Deer Valley Unified.....	AZ	15,899	27,158	35,190	831	18.8	71.6	2.8	18.0	4.0	0.9	2.7	1,816	19.4	3,184	11.1	57.0	2.7	295	76.3	2,182	38	
Dysart Unified.....	AZ	3,804	5,459	24,175	911	53.0	50.7	8.7	35.4	3.1	1.0	1.1	1,206	20.0	2,091	11.6	57.7	3.7	231	88.4	1,084	25	
Gilbert Unified.....	AZ	10,862	29,188	38,086	417	26.6	71.2	4.5	17.6	5.1	0.9	0.6	2,064	18.4	3,634	10.5	56.8	4.1	497	84.8	2,503	42	
Kyrene Elementary.....	AZ	10,483	19,446	17,815	354	25.4	55.2	10.6	20.4	8.5	3.5	1.8	1,005	17.7	1,698	10.5	59.2	†	†	†	†	26	
Mesa Unified.....	AZ	62,748	73,587	65,123	4,842	54.3	51.0	4.6	37.5	2.4	4.2	0.3	3,379	19.3	6,890	9.5	49.0	5.3	1,054	68.8	4,068	90	
Paradise Valley Unified.....	AZ	26,695	34,882	33,017	1,898	30.3	63.3	2.9	25.8	3.5	1.1	3.4	1,771	18.6	2,959	11.2	59.9	2.0	209	78.7	2,263	48	
Peoria Unified School.....	AZ	20,850	32,608	36,873	1,011	38.0	60.1	4.8	28.5	2.8	1.0	2.9	1,914	19.3	3,526	10.5	54.3	2.1	255	80.9	2,679	40	
Phoenix Union High.....	AZ	18,297	22,192	24,949	1,282	3.0	6.0	9.7	78.5	2.6	3.0	0.2	1,440	17.3	2,259	11.0	63.7	4.1	1,036	—	4,260	15	
Scottsdale Unified.....	AZ	19,752	26,958	26,235	984	23.5	71.4	3.5	17.9	5.1	2.1	0.2	1,417	18.5	2,536	10.3	55.9	2.2	195	89.1	1,924	31	
Sunnyside Unified.....	AZ	13,067	14,518	17,323	2,739	75.9	4.9	2.4	87.7	0.7	4.3	0.1	909	19.1	1,925	9.0	47.2	8.0	362	57.0	746	23	
Tucson Unified.....	AZ	56,174	61,869	53,275	3,417	56.2	25.2	5.7	60.3	2.3	4.0	2.6	2,833	18.8	5,387	9.9	52.6	4.5	769	69.0	3,317	112	
Washington Elementary.....	AZ	22,446	24,723	22,349	3,511	75.2	35.3	8.0	48.5	3.3	4.2	0.6	1,219	18.3	2,457	9.1	49.6	†	†	†	†	32	
Little Rock.....	AR	25,813	25,502	25,685	1,896	70.1	21.0	66.7	9.3	2.1	0.3	0.5	1,831	14.0	3,874	6.6	47.3	3.0	229	65.6	1,355	49	
Pulaski Co. Spec. ....	AR	21,495	18,735	17,501	336	57.3	48.6	43.2	5.2	2.2	0.4	0.5	1,235	14.2	2,754	6.4	44.8	5.5	257	59.6	875	37	
Springdale.....	AR	7,877	11,422	19,411	8,006	65.0	42.0	2.3	43.7	10.0	0.5	1.5	1,156	16.8	2,251	8.6	51.4	4.0	186	74.2	868	25	
ABC Unified.....	CA	20,972	22,303	20,682	—	47.9	7.8	9.8	42.1	37.9	0.3	2.2	838	24.7	1,680	12.3	49.9	—	—	—	—	31	
Alhambra Unified.....	CA	20,313	19,776	18,413	—	69.4	3.1	0.7	41.9	52.8	0.1	1.3	711	25.9	1,369	13.5	52.0	—	—	—	—	18	
Alvord Unified.....	CA	14,853	17,664	19,803	—	—	12.4	4.0	76.6	5.2	0.3	1.5	738	26.8	1,432	13.8	51.5	—	—	—	—	21	
Anaheim City.....	CA	14,972	22,275	19,095	—	85.5	5.1	1.7	85.5	6.8	0.3	0.6	778	24.5	1,405	13.6	55.4	—	—	—	—	24	
Anaheim Union High.....	CA	23,086	29,363	33,156	—	62.1	17.9	2.9	60.1	16.9	0.3	2.0	1,268	26.2	2,468	13.4	51.4	—	—	—	—	21	
Antelope Valley Union High.....	CA	10,937	19,056	26,084	—	61.9	21.5	19.8	53.1	3.3	0.6	1.7	1,035	25.2	2,096	12.4	49.4	—	—	—	—	14	
Antioch Unified.....	CA	13,045	20,018	19,081	—	57.3	23.3	22.4	34.6	11.1	0.8	7.9	771	24.8	1,477	12.9	52.2	—	—	—	—	28	
Bakersfield City.....	CA	24,911	27,674	27,590	—	88.2	10.9	9.1	76.6	1.6	0.8	1.0	1,169	23.6	2,229	12.4	52.5	—	—	—	—	41	
Baldwin Park Unified.....	CA	15,878	17,473	19,923	—	60.8	4.1	3.8	85.5	5.5	0.2	0.6	864	23.1	1,596	12.5	54.1	—	—	—	—	23	
Burbank Unified.....	CA	12,057	16,170	16,630	—	30.5	45.5	2.5	38.4	9.8	0.2	3.5	651	25.6	1,214	13.7	53.6	—	—	—	—	22	
Cajon Valley Union.....	CA	17,328	19,059	16,065	—	60.0	47.1	6.9	35.9	3.6	0.5	5.9	663	24.2	1,307	12.3	50.8	—	—	—	—	30	
Capistrano Unified.....	CA	26,852	45,074	53,192	—	21.0	61.3	1.2	24.2	7.3	0.3	5.5	1,912	27.8	3,565	14.9	53.6	—	—	—	—	61	
Chaffey Joint Union High.....	CA	13,505	19,851	25,427	—	46.3	20.0	9.3	61.3	7.4	0.3	1.6	925	27.5	1,713	14.8	54.0	—	—	—	—	10	
Chino Valley Unified.....	CA	23,257	31,763	31,608	—	35.6	23.1	3.8	55.1	15.6	0.2	2.2	1,160	27.3	2,281	13.9	50.9	—	—	—	—	36	
Chula Vista Elementary.....	CA	17,604	23,132	27,723	—	41.7	13.1	4.3	68.2	13.6	0.6	0.2	1,258	22.0	2,501	11.1	50.3	†	†	†	†	45	
Clovis Unified.....	CA	23,224	32,717	38,495	—	34.2	47.0	3.4	30.9	15.0	0.9	2.8	1,579	24.4	3,165	12.2	49.9	—	—	—	—	46	
Coachella Valley Unified.....	CA	9,091	12,636	18,464	—	90.2	1.5	0.2	96.9	0.3	0.5	0.7	808	22.8	1,584	11.7	51.0	—	—	—	—	23	
Colton Joint Unified.....	CA	16,415	22,118	23,382	—	75.0	8.5	6.3	80.9	3.4	0.4	0.4	1,023	22.8	1,852	12.6	55.3	—	—	—	—	26	
Compton Unified.....	CA	27,585	31,037	24,224	—	83.7	0.2	16.6	78.0	0.6	0.1	4.5	1,123	21.6	2,389	10.1	47.0	—	—	—	—	40	
Conejo Valley Unified.....	CA	17,209	20,999	21,091	—	18.8	63.5	1.6	21.9	10.3	0.5	2.2	881	23.9	1,648	12.8	53.5	—	—	—	—	28	
Corona-Norco Unified.....	CA	23,036	37,487	53,149	—	43.6	31.0	6.3	50.3	9.9	0.3	2.2	1,912	27.8	3,459	15.4	55.3	—	—	—	—	51	

See notes at end of table.









Table 102. Selected statistics on enrollment, teachers, dropouts, and graduates in public school districts enrolling more than 15,000 students: Selected years, 1990 through 2010—Continued

Name of district	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2010	Number of English language learners, 2010	Percent eligible for free or reduced- price lunch, 2010	Percentage distribution of enrollment, by race/ethnicity, fall 2010						Teachers and staff, fall 2010					Dropouts and graduates, 2008–09				Number of schools, fall 2010
							White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Number of classroom teachers	Pupil/ teacher ratio	Total number of staff	Student/ staff ratio	Teachers as a percentage of total staff	Percent dropping out of grades 9–12	Number of dropouts from grades 9–12	Averaged freshman graduation rate (AFGR) <sup>1</sup>	Number of high school graduates <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Henry County.....	GA	10,929	23,601	40,909	746	47.3	39.9	45.6	7.5	2.8	0.2	3.9	2,631	15.5	4,998	8.2	52.6	5.1	635	77.8	2,395	50
Houston County.....	GA	16,249	21,529	27,061	786	50.4	51.1	35.1	7.2	2.8	0.2	3.6	1,773	15.3	3,685	7.3	48.1	3.6	279	76.8	1,523	39
Muscogee County.....	GA	30,125	32,916	32,288	486	62.5	29.8	58.1	5.3	2.2	0.2	4.5	2,317	13.9	5,100	6.3	45.4	3.3	320	64.7	1,791	61
Newton County.....	GA	8,054	11,734	19,478	477	62.7	39.3	50.6	5.3	0.9	0.1	3.8	1,275	15.3	2,602	7.5	49.0	2.9	153	62.4	858	24
Paulding County.....	GA	7,604	16,587	28,407	336	39.2	67.3	20.2	7.4	0.9	0.4	3.9	1,743	16.3	3,331	8.5	52.3	3.5	271	71.8	1,349	33
Richmond County.....	GA	33,660	35,424	32,322	144	73.9	20.2	73.4	2.6	1.5	0.1	2.1	2,176	14.9	4,456	7.3	48.8	3.7	343	52.9	1,529	59
Rockdale County.....	GA	10,942	13,519	15,864	586	61.7	23.4	59.7	11.9	1.8	0.2	3.0	1,088	14.6	2,276	7.0	47.8	2.9	150	69.5	1,033	19
Hawaii Department of Education..	HI	159,285	184,360	179,601	19,092	46.8	14.5	2.5	4.5	69.6	0.6	8.4	11,396	15.8	21,704	8.3	52.5	4.9	2,602	75.3	11,508	289
Boise Independent.....	ID	23,394	26,598	25,039	1,917	39.8	80.3	2.9	10.3	4.8	0.5	1.2	1,561	16.0	2,800	8.9	55.7	1.2	99	86.9	1,809	53
Meridian Joint.....	ID	14,802	23,854	35,537	1,246	27.2	83.7	1.3	8.6	2.7	0.7	3.0	1,900	18.7	3,450	10.3	55.1	1.4	142	80.7	1,887	54
Nampa.....	ID	7,878	11,403	15,181	1,489	59.2	63.8	1.0	31.8	1.2	0.5	1.7	789	19.2	1,387	10.9	56.9	0.8	31	70.4	761	30
Carpentersville (CUSD 300)....	IL	11,196	16,711	20,678	2,520	39.7	54.2	5.3	32.0	5.5	0.2	2.9	1,130	18.3	1,372	15.1	82.3	8.7	508	91.4	1,326	27
City of Chicago (SD 299).....	IL	408,830	435,261	405,644	56,993	85.4	8.6	42.8	43.7	3.3	0.4	1.2	23,146	17.5	27,539	14.7	84.0	15.0	17,564	60.8	20,082	638
Elgin (SD U-46).....	IL	27,726	36,767	40,683	8,542	53.2	33.3	6.6	49.1	8.2	0.5	2.4	2,056	19.8	2,373	17.1	86.6	9.1	1,107	80.2	2,455	57
Indian Prairie (CUSD 204).....	IL	7,670	23,173	29,522	1,476	13.0	57.8	9.3	9.7	19.1	0.2	3.9	1,797	16.4	2,135	13.8	84.1	5.5	475	1.2	25	33
Naperville (CUSD 203).....	IL	16,212	18,762	17,834	635	10.5	68.9	4.8	7.7	14.8	0.1	3.6	1,070	16.7	1,336	13.3	80.1	5.4	331	100.0 <sup>4</sup>	1,579	22
Oswego (CUSD 308).....	IL	4,108	6,846	16,729	620	22.1	62.9	7.6	17.8	6.1	0.2	5.3	842	19.9	970	17.3	86.8	6.0	229	93.3	795	21
Plainfield (SD 202).....	IL	3,324	11,986	28,921	2,037	17.2	59.2	8.7	23.1	5.3	0.5	3.1	1,660	17.4	1,968	14.7	84.4	8.1	642	96.9	1,643	30
Rockford (SD 205).....	IL	27,255	27,399	28,961	3,453	77.7	35.4	29.8	24.8	3.7	0.2	6.1	1,807	16.0	2,186	13.2	82.7	22.7	1,700	55.0	1,367	56
Springfield (SD 186).....	IL	15,813	15,387	15,176	95	63.3	49.8	37.6	2.3	1.8	0.3	8.1	1,125	13.5	1,378	11.0	81.6	11.0	437	59.6	684	36
Valley View (CUSD 365U).....	IL	11,781	13,558	17,874	2,128	54.5	29.3	21.3	38.8	6.7	0.3	3.6	1,068	16.7	1,306	13.7	81.7	13.7	764	84.6	1,140	20
Waukegan (CUSD 60).....	IL	12,116	15,510	16,462	4,690	69.2	4.7	16.5	74.9	1.6	0.5	1.8	1,056	15.6	1,271	13.0	83.1	17.8	767	65.2	811	24
Carmel Clay Schools.....	IN	8,449	12,073	15,550	424	9.5	78.8	3.3	2.1	10.9	0.2	4.6	834	18.6	1,689	9.2	49.4	0.5	21	90.9	916	17
Evansville Vanderburgh.....	IN	22,918	22,875	23,440	328	56.7	71.7	13.8	2.6	1.3	0.3	10.4	1,384	16.9	2,423	9.7	57.1	1.8	123	75.7	1,416	40
Fort Wayne.....	IN	31,611	31,843	31,401	2,350	68.0	50.3	25.1	13.2	3.8	0.6	7.0	1,788	17.6	3,015	10.4	59.3	0.8	77	70.8	1,898	51
Hamilton Southeastern.....	IN	3,113	8,777	18,687	506	14.3	78.2	6.9	5.0	5.5	0.3	4.2	859	21.8	1,693	11.0	50.7	0.5	23	94.6	863	20
Indianapolis.....	IN	48,140	41,008	33,079	3,901	81.9	23.1	54.0	17.6	0.4	0.2	4.8	2,182	15.2	4,387	7.5	49.7	5.1	416	35.0	1,159	62
MSD Lawrence Township.....	IN	11,066	15,692	15,456	1,498	52.2	38.9	38.8	13.6	1.4	0.1	7.1	758	20.4	1,318	11.7	57.5	1.6	84	77.6	1,079	17
MSD Wayne Township.....	IN	12,229	13,263	16,002	1,551	69.7	44.6	31.0	17.3	1.1	0.2	5.8	878	18.2	1,589	10.1	55.3	2.4	114	67.6	786	17
South Bend.....	IN	21,425	21,536	19,998	2,608	68.4	38.3	34.2	17.0	1.3	0.4	8.7	1,240	16.1	2,623	7.6	47.3	3.2	199	66.3	1,109	38
Vigo County.....	IN	16,982	16,545	15,891	177	51.6	82.7	5.9	2.6	1.5	0.2	7.1	889	17.9	1,451	11.0	61.3	0.1	5	71.6	952	29
Cedar Rapids.....	IA	17,003	17,780	17,272	401	44.6	76.4	15.8	4.0	2.4	0.6	0.8	1,161	14.9	2,559	6.7	45.4	5.6	306	76.3	1,071	34
Davenport.....	IA	17,846	16,874	17,096	474	57.6	59.7	18.7	12.8	2.1	0.4	6.3	1,094	15.6	2,176	7.9	50.3	9.4	448	72.7	930	34
Des Moines Independent.....	IA	30,888	32,435	33,091	4,850	67.0	49.1	17.1	21.5	5.8	0.4	6.2	2,255	14.7	4,459	7.4	50.6	7.6	645	64.9	1,607	62
Blue Valley.....	KS	9,433	17,111	21,641	372	7.4	80.4	3.1	4.2	8.9	0.3	3.2	1,363	15.9	2,657	8.1	51.3	0.5	31	94.4	1,412	33
Kansas City.....	KS	22,118	21,173	20,229	6,006	88.0	14.4	37.9	41.7	4.2	0.4	1.4	1,358	14.9	2,616	7.7	51.9	3.3	173	53.9	911	44
Olathe.....	KS	14,870	20,703	27,882	1,359	25.5	72.6	6.6	12.6	4.6	0.4	3.2	1,859	15.0	3,571	7.8	52.1	0.8	62	95.0	1,788	47
Shawnee Mission.....	KS	30,619	30,765	27,822	2,037	33.2	67.8	8.1	15.2	3.2	0.4	5.4	1,793	15.5	3,322	8.4	54.0	2.2	199	87.1	2,061	41
Wichita.....	KS	47,222	48,228	49,329	7,348	74.6	36.6	19.1	29.8	5.0	1.6	8.0	3,102	15.9	6,008	8.2	51.6	2.9	376	72.0	2,635	91
Boone County.....	KY	9,911	13,445	19,306	881	31.5	87.0	3.6	4.7	2.7	0.2	1.8	1,138	17.0	2,630	7.3	43.3	1.5	75	80.9	1,079	24
Fayette County.....	KY	32,083	33,130	37,819	2,990	48.2	57.8	23.4	11.3	4.1	0.2	3.2	2,602	14.5	5,502	6.9	47.3	3.5	361	78.0	2,101	72
Jefferson County.....	KY	91,450	96,860	97,331	5,135	63.5	52.0	36.9	6.1	3.1	0.2	1.7	6,143	15.8	14,154	6.9	43.4	5.7	1,689	69.5	5,506	174
Ascension Parish.....	LA	13,001	15,038	19,953	310	48.2	62.8	30.3	4.4	1.2	0.5	0.8	1,356	14.7	2,745	7.3	49.4	4.8	253	78.9	1,083	27
Bossier Parish.....	LA	17,804	18,797	20,656	566	44.7	62.3	27.5	4.5	1.7	0.6	3.5	1,357	15.2	2,850	7.2	47.6	5.3	273	71.2	1,041	35
Caddo Parish.....	LA	51,375	45,119	41,894	359	65.0	32.7	63.1	1.6	1.1	0.3	1.3	2,890	14.5	6,609	6.3	43.7	10.0	1,128	60.5	2,126	71
Calcasieu Parish.....	LA	32,917	32,261	33,063	222	60.2	61.0	35.2	1.8	1.1	0.2	0.7	2,381	13.9	4,856	6.8	49.0	3.5	296	69.9	1,695	60
East Baton Rouge Parish.....	LA	61,669	54,246	42,723	1,165	80.2	15.1	81.9	#	2.9	0.1	#	3,234	13.2	6,374	6.7	50.7	9.9	1,045	51.7	1,839	84
Jefferson Parish.....	LA	58,177	50,891	45,230	3,672	76.0	32.2	47.3	10.6	5.2	2.7	2.0	3,039	14.9	6,466	7.0	47.0	8.1	878	59.7	2,093	90
Lafayette Parish.....	LA	29,403	28,931	30,218	706	59.9	50.5	43.5	3.5	1.9	0.4	0.3	2,040	14.8	4,264	7.1	47.8	6.6	536	70.9	1,652	45

See notes at end of table.





Table 102. Selected statistics on enrollment, teachers, dropouts, and graduates in public school districts enrolling more than 15,000 students: Selected years, 1990 through 2010—Continued

Name of district	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2010	Number of English language learners, 2010	Percent eligible for free or reduced- price lunch, 2010	Percentage distribution of enrollment, by race/ethnicity, fall 2010						Teachers and staff, fall 2010					Dropouts and graduates, 2008–09					Number of schools, fall 2010
							White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Number of classroom teachers	Pupil/ teacher ratio	Total number of staff	Student/ staff ratio	Teachers as a percentage of total staff	Percent dropping out of grades 9–12	Number of dropouts from grades 9–12	Averaged freshman graduation rate (AFGR) <sup>1</sup>	Number of high school graduates <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Wake County .....	NC	64,266	98,950	144,173	11,889	33.0	49.4	24.8	14.7	6.1	0.4	4.5	9,102	15.8	16,570	8.7	54.9	4.3	1,689	84.7	8,186	163	
Wayne County .....	NC	13,653	19,279	19,471	1,456	59.4	42.2	34.6	15.6	1.1	0.2	6.3	1,289	15.1	2,537	7.7	50.8	5.6	316	75.5	1,170	31	
Akron City .....	OH	33,213	31,464	23,113	760	69.8	40.5	47.2	2.2	3.1	0.1	6.9	1,709	13.5	4,284	5.4	39.9	6.3	478	65.0	1,484	53	
Cincinnati City .....	OH	51,148	46,562	33,783	1,235	62.6	24.2	66.9	2.6	0.9	0.1	5.4	1,821	18.6	4,516	7.5	40.3	5.3	578	52.7	1,723	57	
Cleveland Municipal .....	OH	70,019	75,684	44,974	2,459	84.3	14.8	67.8	13.1	0.6	0.2	3.5	3,186	14.1	7,407	6.1	43.0	12.9	1,986	42.3	2,187	103	
Columbus City .....	OH	64,280	64,511	51,134	4,732	74.4	27.1	58.9	6.7	2.1	0.2	5.1	3,213	15.9	7,193	7.1	44.7	2.2	343	55.0	2,709	119	
Dayton City .....	OH	28,000	23,522	15,313	435	76.2	25.3	67.0	3.1	0.3	#	4.2	963	15.9	2,456	6.2	39.2	6.1	264	45.9	692	32	
Hilliard City .....	OH	6,533	12,423	15,455	1,093	20.3	78.8	5.6	4.7	6.0	0.2	4.7	860	18.0	1,732	8.9	49.6	1.1	49	86.4	968	23	
Lakota .....	OH	9,356	14,659	18,135	887	18.2	76.0	9.9	3.9	5.6	0.1	4.4	828	21.9	1,728	10.5	47.9	1.6	87	95.1	1,232	20	
Olentangy .....	OH	2,140	5,417	15,815	317	7.4	83.0	3.9	2.2	7.1	0.1	3.7	873	18.1	1,695	9.3	51.5	0.4	12	100.0 <sup>4</sup>	733	21	
South-Western City .....	OH	16,605	19,216	20,725	2,478	49.7	71.0	11.8	10.6	2.0	0.2	4.4	1,103	18.8	2,435	8.5	45.3	3.7	242	70.4	1,220	33	
Toledo City .....	OH	40,452	37,738	24,283	314	77.8	41.5	42.7	9.0	0.7	0.1	6.1	1,622	15.0	3,536	6.9	45.9	4.2	331	48.9	1,276	57	
Broken Arrow .....	OK	13,872	14,990	16,732	762	36.1	69.9	4.0	8.9	2.5	5.8	8.9	930	18.0	1,948	8.6	47.7	3.6	162	78.7	921	23	
Edmond .....	OK	13,041	17,084	21,344	679	25.7	69.3	10.2	7.4	4.5	2.7	6.0	1,159	18.4	2,396	8.9	48.4	0.6	39	89.2	1,331	23	
Lawton .....	OK	17,727	17,338	16,199	736	60.2	44.4	29.9	12.8	2.6	7.2	3.1	1,090	14.9	2,383	6.8	45.7	3.4	151	77.5	1,013	35	
Moore .....	OK	16,630	18,101	22,226	722	46.1	61.8	7.4	11.6	5.4	9.3	4.6	1,299	17.1	2,511	8.9	51.7	3.4	199	80.0	1,233	31	
Oklahoma City .....	OK	36,066	39,750	42,989	12,170	84.4	20.2	27.7	44.1	2.4	4.7	0.8	2,511	17.1	4,965	8.7	50.6	4.9	467	58.3	1,657	92	
Putnam City .....	OK	18,071	19,506	19,068	1,994	69.5	41.8	25.5	19.2	5.0	4.2	4.4	1,177	16.2	2,055	9.3	57.3	2.1	112	73.6	1,182	26	
Tulsa .....	OK	40,732	42,812	41,501	5,692	82.1	30.0	30.7	24.5	1.5	8.1	5.2	2,579	16.1	5,930	7.0	43.5	0.4	40	58.0	1,652	86	
Beaverton, 48J .....	OR	24,874	33,600	38,902	5,750	35.8	53.9	2.8	22.4	13.8	0.6	6.5	2,023	19.2	3,944	9.9	51.3	2.8	325	83.0	2,459	56	
Bend-Lapine .....	OR	9,481	13,128	16,173	627	47.4	85.5	0.7	9.9	1.3	1.1	1.5	723	22.4	1,554	10.4	46.5	2.6	128	86.1	1,131	28	
Eugene .....	OR	17,904	18,432	17,379	461	38.6	71.4	2.3	11.8	4.4	1.8	8.3	816	21.3	1,841	9.4	44.3	1.5	87	91.3	1,353	41	
Hillsboro .....	OR	10,396	18,315	20,923	3093	46.2	53.1	2.1	33.0	7.5	0.9	3.3	977	21.4	2,175	9.6	44.9	2.0	119	85.3	1,293	34	
North Clackamas .....	OR	12,403	14,876	17,420	2,226	43.2	69.9	1.9	15.3	7.3	0.8	4.8	804	21.7	1,763	9.9	45.6	3.7	219	81.8	1,113	34	
Portland .....	OR	53,042	53,141	45,818	4,644	43.9	56.5	12.7	15.3	9.0	1.3	5.3	2,496	18.4	5,522	8.3	45.2	8.6	992	68.4	2,320	91	
Salem-Keizer .....	OR	27,756	35,108	40,403	7,445	60.4	52.2	1.1	37.2	4.0	1.2	4.2	2,086	19.4	4,517	8.9	46.2	4.5	552	81.7	2,474	68	
Allentown City .....	PA	13,519	16,424	17,637	2,050	86.6	16.3	17.0	64.2	1.5	0.1	0.8	1,219	14.5	2,416	7.3	50.4	9.1	485	67.3	1,068	23	
Central Bucks .....	PA	10,286	17,305	20,432	90	5.9	89.8	1.9	2.6	5.2	0.1	0.4	1,208	16.9	2,362	8.7	51.1	0.4	28	96.2	1,529	23	
Philadelphia City .....	PA	190,979	201,190	166,233	12,699	80.6	13.8	58.2	17.9	7.1	0.2	2.9	10,451	15.9	23,451	7.1	44.6	7.0	3,324	53.5	8,377	266	
Pittsburgh .....	PA	39,896	38,560	27,982	451	68.7	34.1	56.2	1.5	2.3	0.1	5.7	2,076	13.5	4,425	6.3	46.9	5.6	463	64.8	1,716	67	
Reading .....	PA	11,965	15,487	18,194	3,400	90.6	9.5	11.2	78.5	0.7	#	0.0	1,160	15.7	2,321	7.8	50.0	10.0	483	55.5	760	24	
Providence .....	RI	20,908	26,937	23,573	3,622	83.0	9.1	19.4	62.4	5.4	0.9	2.8	1,590	14.8	3,042	7.7	52.3	7.5	562	66.9	1,462	49	
Aiken, 01 .....	SC	23,970	25,147	24,632	1,273	56.8	57.0	33.5	6.4	0.7	0.2	2.2	1,472	16.7	2,293	10.7	64.2	4.7	350	62.5	1,276	40	
Beaufort, 01 .....	SC	12,518	16,721	19,648	3,073	51.4	44.2	32.5	19.6	1.3	0.2	2.2	1,256	15.6	1,615	12.2	77.8	0.9	49	63.7	995	33	
Berkeley, 01 .....	SC	27,384	26,635	29,400	1,661	56.3	53.1	31.9	7.3	1.8	0.3	5.6	1,777	16.5	2,582	11.4	68.8	5.5	446	64.6	1,422	39	
Charleston, 01 .....	SC	43,637	44,767	43,654	1,886	49.4	44.7	45.6	6.5	1.5	0.1	1.7	2,997	14.6	4,118	10.6	72.8	2.8	341	60.2	2,158	78	
Dorchester, 02 .....	SC	13,735	16,678	22,762	623	40.5	58.6	31.7	5.6	2.4	0.7	1.0	1,263	18.0	1,716	13.3	73.6	4.2	271	67.4	1,136	20	
Florence, 01 .....	SC	14,731	13,930	15,919	283	59.0	43.1	50.8	2.1	1.9	0.2	1.8	1,035	15.4	1,681	9.5	61.5	2.2	103	67.3	900	22	
Greenville, 01 .....	SC	51,434	59,875	71,930	6,788	46.2	59.3	23.6	11.5	2.2	0.1	3.2	4,155	17.3	6,264	11.5	66.3	3.5	725	69.0	3,805	95	
Horry, 01 .....	SC	24,080	29,894	38,534	2,518	62.2	65.9	21.0	7.8	1.3	0.3	3.8	2,447	15.7	3,719	10.4	65.8	4.8	529	72.1	2,091	50	
Lexington, 01 .....	SC	11,202	17,285	22,694	865	35.8	80.6	9.3	5.3	1.8	0.2	2.8	1,443	15.7	2,095	10.8	68.9	1.4	87	73.7	1,206	26	
Lexington, 05 .....	SC	11,683	15,064	16,699	454	30.9	62.7	27.5	3.5	2.9	0.3	3.0	1,150	14.5	1,494	11.2	76.9	1.7	92	80.8	1,186	19	
Pickens, 01 .....	SC	14,289	15,938	16,319	560	44.9	83.7	7.2	4.3	1.3	0.1	3.5	982	16.6	1,356	12.0	72.4	4.0	194	62.9	855	25	
Richland, 01 .....	SC	27,051	27,061	24,220	616	66.2	18.2	74.2	3.8	0.9	0.2	2.7	1,746	13.9	2,312	10.5	75.5	4.0	281	58.8	1,251	50	
Richland, 02 .....	SC	12,788	17,409	25,667	1,296	41.1	29.4	58.9	6.2	3.3	0.1	2.1	1,634	15.7	1,997	12.9	81.8	2.9	213	74.4	1,347	28	
York, 03 .....	SC	12,685	14,925	17,343	833	51.9	52.8	36.3	6.3	1.6	1.6	1.4	1,084	16.0	1,383	12.5	78.3	2.8	148	67.5	997	28	
Sioux Falls .....	SD	16,092	19,097	21,390	1,752	38.7	73.8	9.2	7.1	3.1	5.6	1.2	1,438	14.9	2,739	7.8	52.5	0.6	42	75.6	1,289	50	
Davidson County .....	TN	68,452	67,669	78,782	8,437	64.5	32.5	46.4	16.7	4.0	0.1	0.2	5,526	14.3	10,359	7.6	53.3	5.7	1,180	70.4	3,978	138	
Hamilton County .....	TN	22,785	39,915	42,589	1,261	54.2	59.7	31.8	5.9	2.1	0.2	0.3	2,969	14.3	5,034	8.5	59.0	4.9	570	71.8	2,367	76	

See notes at end of table.





Table 102. Selected statistics on enrollment, teachers, dropouts, and graduates in public school districts enrolling more than 15,000 students: Selected years, 1990 through 2010—Continued

Name of district	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2010	Number of English language learners, 2010	Percent eligible for free or reduced- price lunch, 2010	Percentage distribution of enrollment, by race/ethnicity, fall 2010						Teachers and staff, fall 2010					Dropouts and graduates, 2008–09				Number of schools, fall 2010
							White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Number of classroom teachers	Pupil/ teacher ratio	Total number of staff	Student/ staff ratio	Teachers as a percentage of total staff	Percent dropping out of grades 9–12	Number of dropouts from grades 9–12	Averaged freshman graduation rate (AFGR) <sup>1</sup>	Number of high school graduates <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Lamar CISD.....	TX	12,335	15,159	24,637	2,575	48.4	29.1	18.0	46.4	5.3	0.3	0.9	1,532	16.1	3,129	7.9	49.0	2.7	166	82.7	1,228	36
Laredo ISD.....	TX	23,304	22,547	24,706	15,135	—	0.3	0.1	99.5	0.2	#	#	1,584	15.6	3,828	6.5	41.4	2.9	173	62.3	1,068	30
Leander ISD.....	TX	5,419	14,499	32,152	1,404	22.5	64.0	4.1	23.7	4.8	0.3	3.0	2,206	14.6	4,160	7.7	53.0	2.5	182	92.7	1,477	38
Lewisville ISD.....	TX	20,776	39,096	51,484	6,107	26.6	52.7	8.5	25.1	10.4	0.4	2.8	3,765	13.7	6,510	7.9	57.8	1.2	175	82.8	3,158	67
Lubbock ISD.....	TX	30,991	29,026	28,905	642	63.5	29.0	13.3	53.9	1.7	0.4	1.6	1,932	15.0	3,394	8.5	56.9	6.2	466	75.2	1,603	57
Mansfield ISD.....	TX	7,570	14,888	32,251	2,937	37.0	40.2	25.6	23.7	6.2	0.6	3.6	1,981	16.3	3,821	8.4	51.8	2.1	183	81.1	1,666	40
McAllen ISD.....	TX	21,120	21,747	25,622	6,709	0.1	4.8	0.4	92.5	1.8	0.1	0.4	1,624	15.8	3,287	7.8	49.4	4.2	278	68.9	1,306	35
McKinney ISD.....	TX	5,052	12,000	24,422	2,084	28.3	56.3	11.8	25.2	3.7	0.7	2.4	1,688	14.5	2,631	9.3	64.2	1.5	95	88.3	1,234	34
Mesquite ISD.....	TX	25,920	32,334	37,747	5,532	65.4	22.3	24.4	48.0	2.4	0.7	2.1	2,447	15.4	4,658	8.1	52.5	1.4	151	78.4	2,265	47
Midland ISD.....	TX	21,082	20,522	21,736	1,645	52.0	32.2	8.6	56.9	1.1	0.3	0.8	1,443	15.1	2,765	7.9	52.2	4.8	286	73.1	1,212	37
Mission CISD.....	TX	11,032	12,464	15,841	4,867	—	1.1	0.1	98.6	0.2	#	0.1	1,024	15.5	2,268	7.0	45.2	1.4	57	70.1	756	22
North East ISD.....	TX	39,909	50,875	66,604	4,394	43.4	32.0	7.3	54.1	3.6	0.3	2.6	4,377	15.2	8,558	7.8	51.1	1.3	234	81.0	3,961	75
Northside ISD.....	TX	50,229	63,739	95,581	6,013	52.1	20.1	6.2	67.8	3.0	0.2	2.7	6,117	15.6	12,795	7.5	47.8	1.1	279	80.4	5,000	109
Northwest ISD.....	TX	3,197	5,356	15,370	724	23.1	69.5	6.3	18.7	2.9	0.8	1.8	1,036	14.8	1,636	9.4	63.3	2.0	66	85.0	597	23
Pasadena ISD.....	TX	37,643	42,577	52,218	12,704	15.6	8.2	6.2	81.7	2.8	0.2	0.8	3,500	14.9	7,177	7.3	48.8	5.0	686	63.8	2,428	64
Pearland ISD.....	TX	6,739	10,618	18,769	1,107	26.4	44.7	16.3	26.1	9.8	0.7	2.3	1,109	16.9	2,210	8.5	50.2	1.6	75	90.6	991	24
Pflugerville ISD.....	TX	6,482	14,545	22,763	3,014	51.3	25.5	19.4	43.1	8.0	0.5	3.4	1,502	15.2	2,624	8.7	57.3	4.0	251	84.3	1,271	27
Pharr-San Juan-Alamo ISD.....	TX	18,773	22,537	31,508	12,621	0.3	0.6	0.1	99.0	0.2	#	#	2,045	15.4	4,420	7.1	46.3	1.6	125	78.6	1,594	44
Piano ISD.....	TX	30,585	47,161	55,568	5,509	24.5	44.3	10.6	21.6	19.8	0.3	3.4	4,011	13.9	6,892	8.1	58.2	0.8	127	86.6	3,449	78
Richardson ISD.....	TX	32,555	35,138	36,070	5,470	56.7	29.2	23.3	38.1	6.7	0.3	2.3	2,439	14.8	4,757	7.6	51.3	1.9	177	75.6	1,922	57
Round Rock ISD.....	TX	19,636	31,536	44,776	2,920	29.5	45.1	9.0	30.1	11.4	0.5	3.9	3,044	14.7	5,612	8.0	54.2	1.9	225	88.2	2,545	52
San Antonio ISD.....	TX	60,161	57,273	55,116	8,685	40.8	2.2	6.4	90.8	0.2	0.1	0.3	3,437	16.0	7,631	7.2	45.0	9.0	1,221	55.7	2,270	100
Socorro ISD.....	TX	14,350	26,711	42,569	8,160	74.3	5.6	1.8	91.4	0.7	0.3	0.2	2,464	17.3	4,893	8.7	50.4	2.0	236	77.7	2,336	44
Spring Branch ISD.....	TX	26,495	31,659	32,948	9,837	57.0	28.8	5.5	56.9	6.1	1.5	1.3	2,285	14.4	4,581	7.2	49.9	2.3	196	78.0	1,818	49
Spring ISD.....	TX	18,537	23,034	36,323	5,784	71.5	14.0	40.2	40.5	4.3	0.2	0.9	2,269	16.0	5,102	7.1	44.5	3.5	323	76.1	1,718	37
Tyler ISD.....	TX	16,182	16,626	18,549	3,476	67.0	25.8	30.1	41.0	1.4	0.4	1.3	1,370	13.5	2,634	7.0	52.0	3.7	179	66.5	901	27
United ISD.....	TX	12,553	27,556	41,876	17,410	75.7	1.2	0.1	98.2	0.3	0.1	0.1	2,556	16.4	6,117	6.8	41.8	0.4	42	80.4	2,140	42
Waco ISD.....	TX	14,304	15,433	15,305	1,547	86.6	11.3	31.3	55.4	0.4	0.4	1.3	1,077	14.2	2,127	7.2	50.7	7.5	291	66.9	722	33
Weslaco ISD.....	TX	11,903	13,407	17,839	4,286	4.1	1.4	0.1	98.0	0.3	0.2	0.1	1,073	16.6	2,335	7.6	45.9	2.3	104	67.6	801	21
Ysleta ISD.....	TX	49,974	46,394	44,746	9,814	73.2	1.4	0.5	97.8	0.1	0.1	0.1	3,054	14.7	6,430	7.0	47.5	4.0	549	77.9	2,915	62
Alpine.....	UT	38,854	47,117	67,076	2,565	29.0	87.1	0.8	8.9	2.5	0.5	0.2	2,795	24.0	5,548	12.1	50.4	2.2	368	76.4	3,032	76
Cache.....	UT	12,280	13,026	15,648	552	31.6	88.9	0.5	8.1	1.2	0.4	1.0	630	24.8	1,492	10.5	42.2	1.3	56	90.0	904	28
Canyons.....	UT	—	—	337,14	1436	29.1	83.1	1.4	10.6	3.7	0.7	0.5	1,447	23.3	2,627	12.8	55.1	—	—	—	—	49
Davis.....	UT	54,558	59,578	67,452	3,008	27.5	85.9	1.6	8.3	2.8	0.5	0.9	2,814	24.0	5,810	11.6	48.4	2.9	534	83.9	3,837	100
Granite.....	UT	78,554	71,328	70,083	13,626	51.5	56.8	2.7	30.6	8.1	1.5	0.3	2,979	23.5	5,941	11.8	50.1	4.9	968	67.2	3,601	112
Jordan.....	UT	64,991	73,158	50,048	2,033	26.4	81.0	0.9	11.8	3.2	0.5	2.6	2,083	24.0	3,957	12.6	52.6	2.1	496	85.0	4,982	54
Nebo.....	UT	16,393	21,094	29,848	1,062	36.0	86.5	0.7	9.9	1.5	0.7	0.6	1,249	23.9	2,650	11.3	47.1	2.2	160	86.2	1,540	41
Salt Lake.....	UT	24,766	25,367	24,647	5,488	65.4	42.2	4.6	41.5	8.7	1.5	1.5	1,158	21.3	2,601	9.5	44.5	7.6	505	66.7	1,117	43
Washington.....	UT	13,264	18,374	26,091	1,758	41.2	82.5	0.9	11.9	2.6	1.8	0.2	1,161	22.5	2,331	11.2	49.8	2.8	191	76.7	1,280	46
Weber.....	UT	25,661	27,783	30,431	812	33.8	83.6	1.5	11.2	2.4	1.3	0.0	1,323	23.0	2,576	11.8	51.3	2.3	207	82.5	1,816	48
Arlington County.....	VA	14,825	18,870	21,485	4,891	31.1	44.4	11.5	29.6	9.7	0.2	4.6	1,178	18.2	3,489	6.2	33.8	2.7	152	82.3	1,124	33
Chesapeake City.....	VA	29,533	37,645	39,748	536	31.1	51.5	33.0	5.8	2.8	0.4	6.6	2,068	19.2	6,071	6.5	34.1	1.8	237	78.5	2,871	47
Chesterfield County.....	VA	44,480	51,212	59,243	2,591	20.3	56.2	26.6	9.7	3.6	0.4	3.5	3,116	19.0	7,920	7.5	39.3	1.7	328	85.7	4,103	63
Fairfax County.....	VA	128,840	156,412	174,479	35,805	25.0	44.1	10.4	21.3	19.4	0.2	4.5	9,761	17.9	32,890	5.3	29.7	2.0	1,086	89.6	12,003	211
Hampton City.....	VA	21,383	23,290	21,568	272	49.1	27.9	60.7	5.0	2.4	0.4	3.7	1,244	17.3	3,627	5.9	34.3	4.2	281	65.6	1,357	32
Hanover County.....	VA	11,328	16,611	18,628	119	11.5	84.0	9.7	2.4	1.9	0.4	1.6	1,000	18.6	2,933	6.4	34.1	1.1	69	88.1	1,446	26
Henrico County.....	VA	32,638	41,655	49,405	2,190	36.5	45.8	37.4	6.3	7.5	0.3	2.7	2,619	18.9	5,166	9.6	50.7	3.3	499	80.0	3,090	78
Loudoun County.....	VA	14,485	31,804	63,142	4,715	16.0	57.9	7.2	15.2	14.7	0.6	4.6	3,378	18.7	10,544	6.0	32.0	1.0	147	95.1	3,389	79
Newport News City.....	VA	28,925	33,008	30,488	701	52.7	29.0	55.7	10.0	3.0	0.5	1.9	1,726	17.7	5,368	5.7	32.1	4.7	441	68.0	1,852	45
Norfolk City.....	VA	36,541	37,349	33,787	629	63.4	22.4	62.6	6.1	2.3	0.5	6.0	2,081	16.2	6,031	5.6	34.5	5.6	511	52.9	1,560	53
Portsmouth City.....	VA	18,405	16,473	15,126	51	58.2	22.5	68.3	3.5	0.9	0.3	4.4	768	19.7	2,320	6.5	33.1	7.4	320	57.9	826	26
Prince William County.....	VA	41,888	54,646	79,358	13,447	35.4	35.8	20.3	28.6	7.7	0.4	7.2	4,141	19.2	9,723	8.2	42.6	2.2	485	78.5	4,590	85

See notes at end of table.

**Table 102. Selected statistics on enrollment, teachers, dropouts, and graduates in public school districts enrolling more than 15,000 students: Selected years, 1990 through 2010—Continued**

Name of district	State	Enrollment, fall 1990	Enrollment, fall 2000	Enrollment, fall 2010	Number of English language learners, 2010	Percent eligible for free or reduced- price lunch, 2010	Percentage distribution of enrollment, by race/ethnicity, fall 2010						Teachers and staff, fall 2010					Dropouts and graduates, 2008–09				Number of schools, fall 2010
							White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Number of classroom teachers	Pupil/ teacher ratio	Total number of staff	Student/ staff ratio	Teachers as a percentage of total staff	Percent dropping out of grades 9–12	Number of dropouts from grades 9–12	Averaged freshman graduation rate (AFGR) <sup>1</sup>	Number of high school graduates <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Richmond City.....	VA	27,021	27,237	23,454	1,034	69.4	8.6	83.9	6.5	0.7	0.1	0.2	1,258	18.6	4,090	5.7	30.8	5.1	317	52.2	991	53
Spotsylvania County.....	VA	12,227	18,876	23,585	820	29.1	64.7	19.3	9.8	3.1	0.3	2.9	1,306	18.1	2,531	9.3	51.6	2.2	176	83.1	1,669	34
Stafford County.....	VA	12,555	21,124	27,257	1,124	21.3	59.5	18.2	12.6	2.9	0.4	6.4	1,495	18.2	4,066	6.7	36.8	1.5	132	88.4	1,960	30
Virginia Beach City.....	VA	70,266	76,586	71,185	848	29.8	52.9	24.8	8.9	6.0	0.4	7.1	3,935	18.1	10,667	6.7	36.9	1.9	439	75.7	4,789	85
Bellevue.....	WA	14,971	15,431	18,330	1,692	21.4	50.8	3.2	10.2	28.6	0.3	6.9	930	19.7	1,742	10.5	53.4	1.1	66	87.1	1,219	28
Bethel.....	WA	11,319	16,029	17,779	276	28.6	63.5	10.7	11.9	9.3	2.5	2.1	867	20.5	1,754	10.1	49.4	6.6	388	66.6	981	39
Edmonds.....	WA	18,452	22,067	20,757	2,039	23.7	56.6	5.8	14.7	14.4	0.9	7.5	962	21.6	1,884	11.0	51.0	5.5	383	75.5	1,355	40
Everett.....	WA	14,846	18,683	18,992	1,683	36.3	63.8	4.1	13.6	13.4	1.1	4.0	903	21.0	1,682	11.3	53.7	2.2	129	75.8	1,102	33
Evergreen (Clark).....	WA	14,242	21,650	25,750	2,080	45.5	69.3	3.5	12.6	8.8	0.9	4.8	1,469	17.5	2,554	10.1	57.5	7.4	589	70.7	1,317	37
Federal Way.....	WA	17,263	22,623	22,258	2,798	38.6	38.4	11.7	22.4	17.1	0.9	9.5	1,209	18.4	2,227	10.0	54.3	3.4	251	64.0	1,291	47
Higly.....	WA	15,900	18,024	17,992	3,775	55.4	41.5	8.3	26.0	15.5	1.1	7.5	978	18.4	1,918	9.4	51.0	4.0	222	56.8	847	48
Issaquah.....	WA	8,533	14,259	17,358	674	8.0	65.5	2.3	6.4	22.4	0.5	3.1	825	21.1	1,546	11.2	53.3	1.5	75	88.7	1,146	28
Kennewick.....	WA	11,147	13,629	16,467	1,969	48.3	59.9	2.2	33.8	3.1	0.9	0.1	790	20.8	1,527	10.8	51.8	4.0	200	74.8	886	27
Kent.....	WA	20,212	26,535	27,079	4,284	31.1	44.2	12.1	17.4	19.0	0.9	6.3	1,396	19.4	2,604	10.4	53.6	5.8	513	64.3	1,533	42
Lake Washington.....	WA	22,431	23,662	24,677	1,412	10.1	68.1	2.1	9.1	17.5	0.4	2.9	1,294	19.1	2,243	11.0	57.7	1.6	115	86.0	1,597	54
Northshore.....	WA	17,213	20,255	19,750	920	17.2	69.3	1.9	10.4	12.5	0.6	5.4	952	20.8	1,778	11.1	53.5	1.9	126	88.8	1,491	34
Pasco.....	WA	6,677	8,850	15,164	5,340	70.3	59.2	2.0	36.8	1.4	0.3	0.2	793	19.1	1,520	10.0	52.2	8.7	313	62.1	615	19
Puyallup.....	WA	14,325	19,757	20,986	620	29.9	68.4	5.2	11.7	6.1	1.2	7.2	1,022	20.5	2,061	10.2	49.6	7.1	485	81.9	1,419	37
Seattle.....	WA	40,917	47,575	47,735	5,609	40.1	44.2	20.4	11.5	20.9	1.7	1.3	2,584	18.5	4,951	9.6	52.2	6.7	904	77.0	2,661	103
Spokane.....	WA	27,965	31,725	29,446	1,195	51.8	80.9	3.1	3.9	4.1	2.8	5.2	1,680	17.5	3,139	9.4	53.5	8.3	755	62.7	1,622	51
Tacoma.....	WA	29,465	34,093	27,407	2,190	51.4	46.1	17.8	14.2	12.3	1.3	8.3	1,641	16.7	3,135	8.7	52.4	6.3	568	54.3	1,460	67
Vancouver.....	WA	15,943	21,892	22,669	2,084	47.5	67.6	4.1	17.5	5.5	1.1	4.2	1,085	20.9	2,211	10.3	49.1	4.7	331	72.8	1,285	41
Berkeley County.....	WV	10,415	13,076	17,720	343	48.4	80.2	11.1	5.3	1.2	0.2	2.1	1,344	13.2	2,565	6.9	52.4	4.2	204	79.2	1,018	29
Kanawha County.....	WV	34,284	29,250	28,458	219	50.3	84.1	13.2	0.7	1.5	0.1	0.4	1,847	15.4	3,673	7.7	50.3	5.3	428	75.4	1,656	71
Appleton Area.....	WI	12,876	14,793	15,194	1,537	37.5	75.9	4.3	7.4	11.6	0.8	0.0	912	16.7	1,495	10.2	61.0	2.1	105	94.6	1,159	38
Green Bay Area.....	WI	18,048	20,104	20,376	3,876	57.6	57.7	7.4	21.6	7.1	4.4	1.8	1,387	14.7	2,379	8.6	58.3	5.8	358	83.8	1,381	38
Kenosha.....	WI	16,219	20,099	22,986	1,749	47.8	57.3	15.5	22.8	1.7	0.3	2.4	1,511	15.2	2,635	8.7	57.3	3.7	255	82.1	1,482	44
Madison Metropolitan.....	WI	23,214	25,087	24,806	4,100	48.7	46.7	20.3	17.3	9.6	0.5	5.7	1,802	13.8	3,595	6.9	50.1	3.6	273	82.5	1,674	54
Milwaukee.....	WI	92,789	97,985	80,934	8,125	77.4	15.0	55.9	23.2	5.0	0.8	0.1	4,124	19.6	9,756	8.3	42.3	8.9	2,206	65.0	4,745	187
Racine Unified.....	WI	22,159	21,102	21,100	2,106	59.4	46.0	26.8	24.1	1.5	0.4	1.4	1,394	15.1	2,576	8.2	54.1	5.6	369	73.9	1,250	35

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>The averaged freshman graduation rate provides an estimate of the percentage of students who receive a regular diploma within 4 years of entering ninth grade. The rate uses aggregate student enrollment data to estimate the size of an incoming freshman class and aggregate counts of the number of diplomas awarded 4 years later.

<sup>2</sup>Includes regular diplomas only.

<sup>3</sup>Total for districts reporting data.

<sup>4</sup>Reported data indicated an averaged freshman graduation rate of greater than 100.0 percent.

NOTE: Total enrollment, staff, and teacher data in this table reflect totals reported by school districts and may differ from data derived from summing school-level data to school district aggregates. ISD = independent school district. CISD = consolidated independent school district. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2010–11; "Local Education Agency Universe Survey," 1990–91, 2000–01, and 2010–11; and "Local Education Agency-Level Public-Use Data File on Public School Dropouts: School Year 2008–09." (This table was prepared January 2013.)





















**Table 103. Revenues, expenditures, poverty rate, and Title I allocations of public school districts enrolling more than 15,000 students: 2009–10 and fiscal year 2012—Continued**

Name of district	State	Revenues by source of funds, 2009–10 (in thousands of dollars)				Percentage distribution of revenues, 2009–10				Expenditures, 2009–10 (in thousands of dollars)					Poverty rate of 5- to 17-year-olds, 2011 <sup>1</sup>	Current expenditure per pupil, <sup>2</sup> 2009–10	Title I allocations, fiscal year 2012, <sup>3</sup> in thousands	Title I allocations, fiscal year 2012, per poverty child <sup>4</sup>
		Total	Federal	State	Local	Total	Federal	State	Local	Total <sup>5</sup>	Current expenditures		Capital outlay	Interest on school debt				
											Total	Instruction						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Stafford County.....	VA	263,254	20,983	119,166	123,105	100.0	8.0	45.3	46.8	258,759	249,344	154,851	8,841	106	5.6	9,214	1,595	1,002
Virginia Beach City.....	VA	792,169	85,383	331,704	375,082	100.0	10.8	41.9	47.3	835,342	730,813	435,457	70,382	15,978	10.1	10,267	10,304	1,345
Bellevue.....	WA	225,692	14,166	105,431	106,095	100.0	6.3	46.7	47.0	242,338	162,664	102,245	58,662	16,069	10.1	9,254	1,862	947
Bethel.....	WA	219,276	21,454	145,343	52,479	100.0	9.8	66.3	23.9	215,839	158,978	91,024	46,612	9,210	11.7	9,007	2,378	1,015
Edmonds.....	WA	229,644	15,693	129,589	84,362	100.0	6.8	56.4	36.7	230,562	179,554	110,836	36,902	13,245	10.9	8,712	2,619	1,002
Everett.....	WA	218,829	18,527	120,786	79,516	100.0	8.5	55.2	36.3	218,781	179,963	110,790	24,702	12,772	13.3	9,447	2,985	1,036
Evergreen (Clark).....	WA	258,822	28,207	164,710	65,905	100.0	10.9	63.6	25.5	246,595	229,963	144,524	5,891	10,055	15.3	8,868	5,419	1,274
Federal Way.....	WA	245,091	27,670	146,776	70,645	100.0	11.3	59.9	28.8	265,756	201,691	127,681	53,962	9,492	17.6	9,429	5,058	1,188
Highline.....	WA	239,077	25,740	127,700	85,637	100.0	10.8	53.4	35.8	231,901	177,167	105,841	38,345	15,314	22.2	10,088	5,331	1,198
Issaquah.....	WA	214,796	9,565	102,857	102,374	100.0	4.5	47.9	47.7	256,115	140,464	85,861	96,253	15,942	5.3	8,288	958	904
Kennewick.....	WA	155,863	19,935	102,684	33,244	100.0	12.8	65.9	21.3	170,206	137,658	88,709	28,268	4,063	18.1	8,659	3,600	1,160
Kent.....	WA	292,799	28,096	167,784	96,919	100.0	9.6	57.3	33.1	277,062	249,794	156,249	15,144	11,301	16.0	9,185	5,740	1,199
Lake Washington.....	WA	274,261	16,511	140,472	117,278	100.0	6.0	51.2	42.8	300,864	212,496	136,940	68,557	17,830	6.6	8,789	1,836	956
Northshore.....	WA	237,602	12,250	122,763	102,589	100.0	5.2	51.7	43.2	252,812	178,033	111,245	60,124	13,588	7.3	9,034	1,498	943
Pasco.....	WA	149,538	22,507	96,043	30,988	100.0	15.1	64.2	20.7	145,668	126,684	75,690	12,208	6,572	23.2	8,695	4,548	1,194
Puyallup.....	WA	216,440	15,980	132,810	67,650	100.0	7.4	61.4	31.3	210,740	186,455	110,914	10,892	11,683	9.8	8,897	2,259	1,003
Seattle.....	WA	657,283	70,060	299,678	287,545	100.0	10.7	45.6	43.7	728,773	534,534	310,050	177,849	15,294	14.2	11,490	11,197	1,279
Spokane.....	WA	334,572	46,111	199,701	88,760	100.0	13.8	59.7	26.5	337,374	287,244	176,076	31,325	11,054	20.7	10,140	10,095	1,436
Tacoma.....	WA	357,039	55,281	184,943	116,815	100.0	15.5	51.8	32.7	353,151	312,237	185,702	26,297	14,130	21.8	10,808	10,164	1,397
Vancouver.....	WA	232,864	30,151	139,110	63,603	100.0	12.9	59.7	27.3	218,701	206,967	123,551	4,431	5,905	20.7	9,136	7,065	1,413
Berkeley County.....	WV	188,195	24,774	93,775	69,646	100.0	13.2	49.8	37.0	206,428	195,668	117,979	8,148	850	15.5	11,216	4,304	1,459
Kanawha County.....	WV	314,476	53,490	152,506	108,480	100.0	17.0	48.5	34.5	342,409	321,932	198,485	11,199	179	19.7	11,303	9,256	1,623
Appleton Area.....	WI	181,250	17,298	89,291	74,661	100.0	9.5	49.3	41.2	171,716	162,972	105,225	2,470	2,287	11.8	10,806	2,276	1,177
Green Bay Area.....	WI	257,564	34,921	139,187	83,456	100.0	13.6	54.0	32.4	248,382	227,595	142,142	9,605	2,716	17.4	11,194	5,804	1,448
Kenosha.....	WI	282,668	35,039	152,511	95,118	100.0	12.4	54.0	33.7	309,699	267,583	171,353	31,939	7,341	18.6	11,668	6,682	1,471
Madison Metropolitan.....	WI	359,639	31,979	76,558	251,102	100.0	8.9	21.3	69.8	352,264	322,569	193,570	9,817	2,416	17.2	13,098	6,701	1,476
Milwaukee.....	WI	1,268,905	259,642	672,974	336,289	100.0	20.5	53.0	26.5	1,260,663	1,152,492	645,795	33,578	18,026	41.1	14,038	83,624	1,806
Racine Unified.....	WI	262,274	33,572	148,708	79,994	100.0	12.8	56.7	30.5	260,400	245,230	155,213	8,534	1,469	21.8	11,526	8,063	1,487

<sup>†</sup>Not applicable.

<sup>1</sup>Poverty is defined based on the number of persons and related children in the family and their income. For information on poverty thresholds, see <http://www.census.gov/hhes/www/poverty/data/threshld>.

<sup>2</sup>Current expenditure per pupil based on fall enrollment collected through the "School District Finance Survey (Form F-33)," 2009–10.

<sup>3</sup>Fiscal year 2012 Department of Education funds available for spending by school districts beginning with the 2012–13 school year.

<sup>4</sup>Fiscal year 2012 Department of Education funds available for spending by school districts beginning with the 2012–13 school year divided by number of poverty children in 2011.

<sup>5</sup>Includes other expenditures not shown separately.

<sup>6</sup>Data included under Modesto City Elementary.

NOTE: Detail may not sum to totals because of rounding. ISD = independent school district. CISD = consolidated independent school district.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 2010–11; "Local Education Agency (School District) Finance Survey (F33)," 2009–10; and unpublished Department of Education budget data. (This table was prepared January 2013.)

Table 104. Enrollment, poverty, and federal funds for the 100 largest school districts, by enrollment size in 2010: Fall 2010, 2009–10, and federal fiscal year 2012

Name of district	State	Rank order	Enrollment, fall 2010	5- to 17-year-old population, 2011	5- to 17-year-olds in poverty, 2011 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2011 <sup>1</sup>	Revenues by source of funds, 2009–10				Revenue for selected federal programs (in thousands), 2009–10						Title I allocations (in thousands), fiscal year 2012 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I basic and concentration grants	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic grants	Concentration grants	Targeted grants	Education finance incentive grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
New York City .....	NY	1	995,336	1,252,107	362,692	29.0	\$21,023,695	\$2,047,926	9.7	\$2,020	\$777,993	\$321,606	\$257,678	—	\$15,750	\$10,177	\$771,379	\$291,055	\$72,483	\$223,677	\$184,164
Los Angeles Unified .....	CA	2	667,273	773,749	211,407	27.3	8,436,592	1,354,563	16.1	2,019	519,940	252,561	225,979	\$58,822	9,840	5,049	331,884	112,834	28,153	90,705	100,192
City of Chicago (SD 299) .....	IL	3	405,644	435,424	133,555	30.7	5,103,557	1,220,298	23.9	2,997	393,558	180,343	135,379	31,382	7,334	9,000	286,652	98,310	24,453	76,402	87,485
Dade .....	FL	4	347,366	396,251	95,369	24.1	3,442,717	625,948	18.2	1,810	164,709	104,510	107,884	19,923	6,252	1,901	120,950	45,206	10,926	34,028	30,790
Clark County .....	NV	5	314,059	349,488	69,072	19.8	3,037,823	245,314	8.1	799	86,928	60,567	65,899	10,758	3,784	993	84,781	33,138	7,653	24,152	19,837
Broward .....	FL	6	256,472	288,282	53,145	18.4	2,547,733	414,654	16.3	1,619	80,555	62,810	97,300	11,292	3,924	808	65,258	25,418	5,870	17,833	16,137
Houston ISD .....	TX	7	204,245	218,506	73,528	33.7	2,165,693	428,684	19.8	2,114	150,556	83,255	64,197	14,466	3,948	912	109,175	39,457	9,623	29,186	30,909
Hillsborough .....	FL	8	194,525	214,233	43,209	20.2	1,885,758	375,324	19.9	1,942	67,886	59,218	54,675	9,864	3,276	815	54,412	21,731	5,300	14,759	12,622
Hawai Department of Education .....	HI	9	179,601	216,292	27,307	12.6	2,564,856	382,400	14.9	2,122	79,000	35,374	41,249	1,100	3,500	—	45,748	18,967	3,871	11,393	11,517
Orange .....	FL	10	176,008	196,287	41,346	21.1	1,806,377	266,478	14.8	1,538	49,409	46,556	57,250	7,749	2,498	626	49,021	19,598	4,526	13,070	11,827
Palm Beach .....	FL	11	174,663	198,054	40,815	20.6	1,924,004	253,911	13.2	1,469	52,495	40,276	61,041	—	1,738	—	48,734	19,495	4,502	12,986	11,750
Fairfax County .....	VA	12	174,479	190,161	12,697	6.7	2,350,812	144,249	6.1	839	24,901	21,100	53,436	3,860	1,971	390	18,623	7,587	1,752	4,303	4,980
Philadelphia City .....	PA	13	166,233	242,338	86,491	35.7	2,831,427	556,585	19.7	3,359	250,807	68,829	—	23,480	6,435	1,999	187,355	62,463	15,532	48,479	60,882
Gwinnett County .....	GA	14	160,744	170,665	29,971	17.6	1,623,148	200,541	12.4	1,259	32,205	48,461	—	—	—	—	37,249	15,217	3,514	9,635	8,884
Dallas ISD .....	TX	15	157,162	184,186	69,180	37.6	1,768,234	336,955	19.1	2,145	78,476	68,475	27,004	9,376	2,776	890	93,524	34,149	8,035	24,862	26,477
Wake County .....	NC	16	144,173	169,961	23,245	13.7	2,061,643	122,009	5.9	868	5,971	21,244	9,779	3,254	—	—	27,838	11,030	2,547	6,830	7,431
Montgomery County .....	MD	17	144,023	170,236	15,298	9.0	2,690,058	139,787	5.2	986	25,911	21,512	44,240	4,118	1,170	417	26,575	10,987	2,537	6,455	6,595
Charlotte-Mecklenburg .....	NC	18	135,954	165,212	31,871	19.3	2,297,008	169,887	7.4	1,240	10,262	37,860	12,422	4,487	—	—	38,737	15,135	3,495	9,630	10,477
San Diego Unified .....	CA	19	131,785	140,828	31,456	22.3	1,405,078	199,441	14.2	1,518	59,347	43,846	45,118	8,799	1,056	485	40,935	16,181	4,051	10,488	10,214
Prince George's County .....	MD	20	126,671	147,125	16,836	11.4	1,912,947	184,171	9.6	1,450	33,388	34,580	36,973	5,737	1,387	545	29,539	12,123	2,800	7,229	7,387
Duval .....	FL	21	123,997	143,925	31,946	22.2	1,179,374	191,695	16.3	1,564	50,406	30,601	34,785	6,080	1,757	543	37,238	15,203	3,603	9,676	8,756
Memphis .....	TN	22	111,834	118,311	41,221	34.8	1,093,003	183,453	16.8	1,678	70,652	43,576	37,954	—	5,036	509	57,690	21,201	5,171	14,245	17,074
Cobb County .....	GA	23	107,315	119,664	20,133	16.8	1,102,180	131,148	11.9	1,223	21,104	22,966	—	—	—	—	24,425	10,294	2,377	6,278	5,475
Cypress-Fairbanks ISD .....	TX	24	106,097	108,989	16,725	15.3	944,071	128,544	13.6	1,233	16,475	23,354	17,830	1,375	693	147	19,765	8,278	1,912	4,926	4,650
Baltimore County .....	MD	25	104,160	128,241	12,394	9.7	1,547,117	112,954	7.3	1,093	33,584	19,142	37,359	4,665	1,287	495	22,086	9,267	2,140	5,282	5,397
Pinellas .....	FL	26	104,001	120,176	21,278	17.7	1,039,383	156,035	15.0	1,483	31,822	23,043	35,941	5,026	2,575	442	24,511	10,170	2,449	6,243	5,649
DeKalb County .....	GA	27	98,115	108,442	25,469	23.5	1,159,197	164,684	14.2	1,657	53,393	35,605	—	—	—	—	38,296	14,711	3,735	9,568	10,283
Jefferson County .....	KY	28	97,331	122,354	26,385	21.6	1,124,410	155,681	13.8	1,576	50,259	31,153	—	—	—	—	36,416	14,263	3,294	8,955	9,904
Northside ISD .....	TX	29	95,581	100,891	16,085	15.9	884,318	112,713	12.7	1,221	19,922	24,176	15,410	2,373	830	190	19,187	8,056	1,861	4,774	4,496
Albuquerque .....	NM	30	95,415	114,501	25,015	21.8	1,021,779	170,302	16.7	1,763	41,483	315	28,080	—	1,646	310	32,606	12,817	2,960	8,007	8,822
Polk .....	FL	31	95,178	102,713	25,733	25.1	914,627	159,860	17.5	1,691	32,784	30,732	36,703	5,189	1,347	468	29,828	12,311	2,843	7,704	6,971
Fulton County .....	GA	32	91,864	106,094	16,826	15.9	1,100,931	108,858	9.9	1,204	29,028	20,134	—	—	—	—	20,725	8,596	2,033	5,119	4,976
Jefferson County, No. R1 .....	CO	33	85,979	88,970	9,121	10.3	878,698	54,309	6.2	629	16,013	10,872	19,948	2,591	444	178	10,711	4,600	1,062	2,416	2,633
Austin ISD .....	TX	34	85,697	91,551	25,970	28.4	1,057,469	150,853	14.3	1,782	35,283	27,112	17,805	4,130	1,319	342	31,798	12,874	3,025	8,061	7,838
Long Beach Unified .....	CA	35	84,812	90,907	22,953	25.2	857,736	159,039	18.5	1,843	51,843	27,783	26,482	5,891	1,058	808	33,519	13,270	3,370	8,588	8,291

See notes at end of table.

**Table 104. Enrollment, poverty, and federal funds for the 100 largest school districts, by enrollment size in 2010: Fall 2010, 2009–10, and federal fiscal year 2012—Continued**

Name of district	State	Rank order	Enrollment, fall 2010	5- to 17-year-old population, 2011	5- to 17-year-olds in poverty, 2011 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2011 <sup>1</sup>	Revenues by source of funds, 2009–10				Revenue for selected federal programs (in thousands), 2009–10						Title I allocations (in thousands), fiscal year 2012 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I basic and concentration grants	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic grants	Concentration grants	Targeted grants	Education finance incentive grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Baltimore City .....	MD	36	83,800	92,039	27,751	30.2	1,347,621	213,503	15.8	2,576	95,979	29,586	32,092	8,414	2,326	397	53,777	20,987	5,170	13,644	13,976
Lee .....	FL	37	81,967	88,029	22,265	25.3	821,989	116,122	14.1	1,443	21,095	23,304	21,148	—	1,201	280	25,358	10,544	2,435	6,499	5,880
Fort Worth ISD .....	TX	38	81,651	87,834	26,983	30.7	836,980	186,710	22.3	2,328	54,339	27,642	16,073	6,410	1,379	431	39,674	15,880	3,873	10,122	9,798
Milwaukee .....	WI	39	80,934	112,548	46,310	41.1	1,268,905	259,642	20.5	3,163	114,636	34,574	38,294	—	2,321	—	83,624	29,579	7,315	20,244	26,486
Prince William County .....	VA	40	79,358	82,843	6,509	7.9	915,139	82,062	9.0	1,068	8,396	10,432	14,869	1,716	878	144	8,595	3,874	895	1,876	1,950
Davidson County .....	TN	41	78,782	91,659	26,030	28.4	764,185	108,342	14.2	1,443	41,272	24,846	24,106	—	1,709	416	32,176	12,365	2,922	7,740	9,149
Denver .....	CO	42	78,339	85,901	22,978	26.7	957,203	129,150	13.5	1,671	49,300	22,112	20,714	6,638	1,398	432	33,481	12,803	3,253	8,253	9,172
Detroit City .....	MI	43	77,757	139,331	65,815	47.2	1,182,258	287,377	24.3	3,175	79,973	34,128	—	7,643	3,352	2,363	162,895	53,518	13,641	42,423	53,313
Anne Arundel County .....	MD	44	75,481	90,539	6,647	7.3	1,063,940	65,752	6.2	879	14,051	8,288	26,043	2,315	745	253	10,553	4,753	1,130	2,310	2,360
Fresno Unified .....	CA	45	74,833	79,717	35,097	44.0	742,921	140,326	18.9	1,859	56,128	31,241	25,881	8,825	1,467	614	45,709	17,932	4,544	11,769	11,465
Guilford County .....	NC	46	73,205	83,675	19,856	23.7	1,009,769	97,842	9.7	1,345	7,480	20,676	6,401	2,524	—	—	23,518	9,403	2,172	5,720	6,224
Greenville, 01 .....	SC	47	71,930	81,113	15,343	18.9	673,631	88,847	13.2	1,252	23,933	17,279	24,316	2,374	1,104	221	20,384	7,917	1,931	4,653	5,883
Brevard .....	FL	48	71,866	80,573	13,876	17.2	666,690	95,693	14.4	1,322	19,512	14,357	21,894	—	740	250	15,411	6,612	1,527	3,817	3,454
Virginia Beach City .....	VA	49	71,185	76,008	7,658	10.1	792,169	85,383	10.8	1,200	14,535	10,961	15,445	2,613	933	221	10,304	4,598	1,062	2,271	2,373
Granite .....	UT	50	70,083	78,044	15,169	19.4	495,657	77,873	15.7	1,132	14,863	16,669	19,763	2,771	1,432	102	18,667	7,263	1,677	4,261	5,466
Fort Bend ISD .....	TX	51	68,948	77,110	9,052	11.7	624,727	71,085	11.4	1,025	9,643	9,833	8,038	1,277	569	132	10,191	4,605	1,063	2,421	2,102
Davis .....	UT	52	67,452	74,240	7,028	9.5	474,874	57,424	12.1	844	3,829	10,505	16,005	1,101	591	78	7,716	3,392	783	1,661	1,880
Alpine .....	UT	53	67,076	75,353	8,915	11.8	446,011	53,525	12.0	827	5,432	9,597	10,888	1,533	625	242	10,130	4,282	989	2,228	2,632
Pasco .....	FL	54	66,994	72,885	13,508	18.5	651,244	99,204	15.2	1,477	20,899	17,960	21,035	—	744	2,165	15,023	6,446	1,522	3,704	3,351
North East ISD .....	TX	55	66,604	74,106	11,750	15.9	683,474	75,607	11.1	1,154	14,193	13,598	12,329	1,867	641	166	13,521	5,882	1,358	3,292	2,988
Mesa Unified .....	AZ	56	65,123	79,892	18,713	23.4	591,990	94,625	16.0	1,402	27,720	20,196	11,784	3,551	1,207	350	26,014	10,229	2,495	6,305	6,985
Arlington ISD .....	TX	57	64,484	65,851	14,220	21.6	562,510	103,956	18.5	1,637	17,151	18,853	11,383	1,596	809	205	17,317	7,303	1,781	4,284	3,950
Washoe County .....	NV	58	64,380	71,440	12,149	17.0	627,168	63,239	10.1	975	13,875	13,502	17,760	3,282	641	217	13,302	5,889	1,360	3,324	2,730
El Paso ISD .....	TX	59	64,330	65,628	22,054	33.6	646,198	137,988	21.4	2,177	48,335	21,552	11,607	5,423	1,342	341	31,032	12,216	3,114	8,124	7,578
Seminole .....	FL	60	64,229	73,796	9,357	12.7	567,234	74,212	13.1	1,151	11,596	12,459	17,732	1,905	551	203	10,081	4,479	1,093	2,384	2,125
Aldine ISD .....	TX	61	63,154	60,890	21,607	35.5	619,523	126,579	20.4	2,016	26,885	29,841	9,755	2,832	723	275	26,064	10,694	2,470	6,574	6,326
Loudoun County .....	VA	62	63,142	68,455	2,567	3.7	888,639	35,587	4.0	593	1,233	4,530	10,853	624	307	100	1,534	1,534	0	0	0
Elk Grove Unified .....	CA	63	62,455	69,205	12,174	17.6	542,045	60,553	11.2	969	10,012	15,055	17,808	2,380	401	150	14,763	6,374	1,472	3,609	3,309
Mobile County .....	AL	64	62,016	72,855	19,120	26.2	592,058	117,344	19.8	1,870	47,961	22,625	22,692	4,710	1,735	512	23,723	9,241	2,346	5,811	6,325
Volusia .....	FL	65	61,559	68,663	16,009	23.3	618,315	97,893	15.8	1,571	26,334	15,691	22,910	2,939	906	240	18,144	7,693	1,777	4,554	4,121
Douglas County, No. RE1 .....	CO	66	61,465	65,857	2,236	3.4	592,289	15,508	2.6	259	894	2,142	9,854	546	131	78	1,121	1,121	0	0	0
Katy ISD .....	TX	67	60,803	60,828	6,248	10.3	578,558	54,058	9.3	915	5,295	8,895	8,461	644	315	126	5,829	3,103	0	1,496	1,230
Chesterfield County .....	VA	68	59,243	62,566	4,728	7.6	600,235	66,045	11.0	1,110	6,518	5,959	15,589	2,084	653	159	5,461	2,814	0	1,297	1,349
Knox County .....	TN	69	57,977	68,331	10,099	14.8	492,878	57,781	11.7	1,018	20,087	12,417	18,288	—	1,366	646	12,636	5,303	1,293	2,930	3,109
Garland ISD .....	TX	70	57,833	59,252	13,244	22.4	523,656	76,285	14.6	1,318	12,802	15,494	9,730	2,079	692	125	15,209	6,530	1,508	3,734	3,437

See notes at end of table.

Table 104. Enrollment, poverty, and federal funds for the 100 largest school districts, by enrollment size in 2010: Fall 2010, 2009–10, and federal fiscal year 2012—Continued

Name of district	State	Rank order	Enrollment, fall 2010	5- to 17-year-old population, 2011	5- to 17-year-olds in poverty, 2011 <sup>1</sup>	Poverty rate of 5- to 17-year-olds, 2011 <sup>1</sup>	Revenues by source of funds, 2009–10				Revenue for selected federal programs (in thousands), 2009–10						Title I allocations (in thousands), fiscal year 2012 <sup>2</sup>				
							Total (in thousands)	Federal (in thousands)	Federal as a percent of total	Federal revenue per student <sup>3</sup>	Title I basic and concentration grants	School lunch	Individuals with Disabilities Education Act (IDEA)	Eisenhower math and science	Vocational education	Drug-free schools	Total	Basic grants	Concentration grants	Targeted grants	Education finance incentive grants
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Santa Ana Unified.....	CA	71	57,319	55,485	14,650	26.4	549,756	95,127	17.3	1,671	23,902	25,912	21,508	3,118	460	323	17,562	7,447	1,720	4,341	4,054
Boston.....	MA	72	56,037	71,258	20,625	28.9	1,219,110	124,894	10.2	2,256	43,602	13,411	27,103	—	1,740	—	41,370	14,805	3,768	9,796	13,001
San Francisco Unified.....	CA	73	55,571	72,342	10,434	14.4	691,374	81,347	11.8	1,475	22,471	13,183	—	4,799	396	218	12,492	5,464	1,344	3,038	2,646
Plano ISD .....	TX	74	55,568	61,095	5,332	8.7	606,356	47,204	7.8	859	5,667	6,552	8,725	923	501	116	5,314	2,835	0	1,368	1,111
San Antonio ISD.....	TX	75	55,116	57,144	21,569	37.7	579,836	156,988	27.1	2,837	43,661	31,000	10,692	5,569	1,021	216	32,305	13,041	3,248	8,175	7,842
San Bernardino City Unified..	CA	76	54,518	57,811	19,504	33.7	649,434	100,616	15.5	1,869	45,971	22,884	14,856	4,945	548	367	28,225	11,592	2,835	7,154	6,645
Forsyth County .....	NC	77	53,367	61,443	13,727	22.3	597,156	71,570	12.0	1,356	7,248	13,750	4,886	2,206	—	—	15,799	6,495	1,500	3,737	4,066
Osceola.....	FL	78	53,357	52,820	11,163	21.1	490,192	78,792	16.1	1,511	14,914	16,532	14,461	—	751	230	12,423	5,428	1,324	2,994	2,677
Cumberland County.....	NC	79	53,307	55,394	13,245	23.9	531,596	85,256	16.0	1,608	8,094	15,827	3,303	2,451	—	—	15,445	6,362	1,469	3,646	3,967
Tucson Unified.....	AZ	80	53,275	74,255	17,993	24.2	520,089	93,748	18.0	1,693	30,638	16,547	14,201	2,539	1,589	959	25,026	9,867	2,407	6,057	6,695
Capistrano Unified .....	CA	81	53,192	64,458	5,161	8.0	392,522	29,937	7.6	561	5,076	4,267	12,278	1,042	206	197	4,858	2,623	0	1,230	1,005
Corona-Norco Unified.....	CA	82	53,149	56,338	8,356	14.8	427,585	40,837	9.6	785	6,728	10,992	13,233	1,221	222	87	9,355	4,300	993	2,195	1,867
Cherry Creek, No. 5.....	CO	83	52,232	54,582	4,695	8.6	537,904	26,082	4.8	504	5,987	6,700	9,894	1,044	234	99	4,517	2,338	0	1,079	1,100
Pasadena ISD .....	TX	84	52,218	53,498	14,546	27.2	527,129	102,729	19.5	1,964	21,233	21,486	7,569	2,844	695	224	16,954	7,199	1,663	4,190	3,902
Lewisville ISD .....	TX	85	51,484	56,447	4,399	7.8	526,111	44,973	8.5	885	1,468	7,238	8,982	991	377	102	3,980	2,182	0	994	804
Conroe ISD.....	TX	86	51,170	53,099	6,374	12.0	459,969	49,436	10.7	996	8,766	7,801	8,098	1,299	422	119	6,724	3,182	736	1,540	1,267
Columbus City .....	OH	87	51,134	68,956	25,631	37.2	946,466	145,476	15.4	2,755	72,965	21,498	13,840	—	2,434	471	52,167	19,174	4,676	12,169	16,147
Howard County .....	MD	88	50,994	57,456	3,028	5.3	853,945	30,817	3.6	609	1,953	3,549	14,574	999	315	96	3,976	2,163	0	896	916
Clayton County.....	GA	89	50,366	52,939	16,238	30.7	517,483	80,237	15.5	1,598	19,745	22,350	—	—	—	—	19,295	8,264	1,909	4,893	4,229
Jordan.....	UT	90	50,048	57,228	5,424	9.5	359,584	36,521	10.2	754	3,548	6,602	9,286	1,024	435	67	5,287	2,637	0	1,249	1,401
Brownsville ISD .....	TX	91	49,879	48,112	22,328	46.4	483,862	109,945	22.7	2,238	29,789	26,314	6,519	3,620	1,012	239	28,103	11,026	2,802	7,416	6,859
Atlanta .....	GA	92	49,796	54,799	18,363	33.5	828,061	102,638	12.4	2,099	44,053	19,373	—	—	—	—	36,742	14,251	3,476	8,929	10,086
Omaha .....	NE	93	49,405	61,189	14,621	23.9	580,169	108,763	18.7	2,234	22,061	17,115	11,894	3,060	1,127	245	25,363	9,577	2,212	5,643	7,931
Henrico County .....	VA	94	49,405	53,811	6,063	11.3	498,438	39,696	8.0	803	6,515	8,267	10,703	1,418	637	130	7,158	3,620	0	1,737	1,802
Wichita .....	KS	95	49,329	57,162	13,124	23.0	581,647	98,393	16.9	2,036	29,730	15,828	—	—	—	397	21,466	7,935	1,935	4,533	7,064
Anchorage School.....	AK	96	49,206	54,031	4,944	9.2	686,143	89,922	13.1	1,813	14,638	12,074	16,093	4,188	1,145	474	12,176	5,138	0	3,478	3,560
Garden Grove Unified.....	CA	97	48,659	51,473	11,204	21.8	421,942	63,185	15.0	1,318	17,879	16,239	16,436	2,984	365	237	13,311	5,695	1,634	3,146	2,837
Sacramento City Unified.....	CA	98	47,897	52,423	16,047	30.6	481,658	87,731	18.2	1,832	23,545	14,740	16,505	5,207	732	388	21,926	9,337	2,277	5,609	4,702
Seattle .....	WA	99	47,735	61,809	8,758	14.2	657,283	70,060	10.7	1,506	19,550	8,579	11,723	429	509	—	11,197	4,743	1,095	2,459	2,900
Shelby County.....	TN	100	47,706	59,287	6,176	10.4	389,616	31,716	8.1	658	7,253	7,419	9,387	0	476	71	7,105	3,222	744	1,568	1,571

—Not available.

<sup>1</sup>Poverty is defined based on the number of persons and related children in the family and their income. For information on poverty thresholds, see <http://www.census.gov/hhes/www/poverty/data/threshld/>.<sup>2</sup>Fiscal year 2012 Department of Education funds available for spending by school districts in the 2012–13 school year.<sup>3</sup>Federal revenue per student is based on fall enrollment collected through the "Local Education Agency (School District) Finance Survey (F33)."

NOTE: Detail may not sum to totals because of rounding. ISD = independent school district.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Local Education Agency Universe Survey," 2010–11; "Local Education Agency (School District) Finance Survey (F33)," 2009–10; and unpublished Department of Education budget data. (This table was prepared January 2013.)

**Table 105. Public elementary and secondary schools, by level of school: Selected years, 1967–68 through 2010–11**

Year	Total, all public schools	Schools with reported grade spans											Other schools <sup>1</sup>
		Total	Elementary schools				Secondary schools					Combined elementary/ secondary schools <sup>2</sup>	
			Total <sup>3</sup>	Middle schools <sup>4</sup>	One-teacher schools	Other elementary schools	Total <sup>5</sup>	Junior high <sup>6</sup>	3-year or 4-year high schools	5-year or 6-year high schools	Other secondary schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967–68.....	—	94,197	67,186	—	4,146	63,040	23,318	7,437	10,751	4,650	480	3,693	—
1970–71.....	—	89,372	64,020	2,080	1,815	60,125	23,572	7,750	11,265	3,887	670	1,780	—
1972–73.....	—	88,864	62,942	2,308	1,475	59,159	23,919	7,878	11,550	3,962	529	2,003	—
1974–75.....	—	87,456	61,759	3,224	1,247	57,288	23,837	7,690	11,480	4,122	545	1,860	—
1975–76.....	88,597	87,034	61,704	3,916	1,166	56,622	23,792	7,521	11,572	4,113	586	1,538	1,563
1976–77.....	—	86,501	61,123	4,180	1,111	55,832	23,857	7,434	11,658	4,130	635	1,521	—
1978–79.....	—	84,816	60,312	5,879	1,056	53,377	22,834	6,282	11,410	4,429	713	1,670	—
1980–81.....	85,982	83,688	59,326	6,003	921	52,402	22,619	5,890	10,758	4,193	1,778	1,743	2,294
1982–83.....	84,740	82,039	58,051	6,875	798	50,378	22,383	5,948	11,678	4,067	690	1,605	2,701
1983–84.....	84,178	81,418	57,471	6,885	838	49,748	22,336	5,936	11,670	4,046	684	1,611	2,760
1984–85.....	84,007	81,147	57,231	6,893	825	49,513	22,320	5,916	11,671	4,021	712	1,596	2,860
1986–87.....	83,421	82,316	58,835	7,483	763	50,589	21,505	5,109	11,430	4,196	770	1,976	1,105 <sup>7</sup>
1987–88.....	83,248	81,416	57,575	7,641	729	49,205	21,662	4,900	11,279	4,048	1,435	2,179	1,832 <sup>7</sup>
1988–89.....	83,165	81,579	57,941	7,957	583	49,401	21,403	4,687	11,350	3,994	1,372	2,235	1,586 <sup>7</sup>
1989–90.....	83,425	81,880	58,419	8,272	630	49,517	21,181	4,512	11,492	3,812	1,365	2,280	1,545 <sup>7</sup>
1990–91.....	84,538	82,475	59,015	8,545	617	49,853	21,135	4,561	11,537	3,723	1,314	2,325	2,063
1991–92.....	84,578	82,506	59,258	8,829	569	49,860	20,767	4,298	11,528	3,699	1,242	2,481	2,072
1992–93.....	84,497	82,896	59,676	9,152	430	50,094	20,671	4,115	11,651	3,613	1,292	2,549	1,601
1993–94.....	85,393	83,431	60,052	9,573	442	50,037	20,705	3,970	11,858	3,595	1,282	2,674	1,962
1994–95.....	86,221	84,476	60,808	9,954	458	50,396	20,904	3,859	12,058	3,628	1,359	2,764	1,745
1995–96.....	87,125	84,958	61,165	10,205	474	50,486	20,997	3,743	12,168	3,621	1,465	2,796	2,167
1996–97.....	88,223	86,092	61,805	10,499	487	50,819	21,307	3,707	12,424	3,614	1,562	2,980	2,131
1997–98.....	89,508	87,541	62,739	10,944	476	51,319	21,682	3,599	12,734	3,611	1,738	3,120	1,967
1998–99.....	90,874	89,259	63,462	11,202	463	51,797	22,076	3,607	13,457	3,707	1,305	3,721	1,615
1999–2000.....	92,012	90,538	64,131	11,521	423	52,187	22,365	3,566	13,914	3,686	1,199	4,042	1,474
2000–01.....	93,273	91,691	64,601	11,696	411	52,494	21,994	3,318	13,793	3,974	909	5,096	1,582
2001–02.....	94,112	92,696	65,228	11,983	408	52,837	22,180	3,285	14,070	3,917	908	5,288	1,416
2002–03.....	95,615	93,869	65,718	12,174	366	53,178	22,599	3,263	14,330	4,017	989	5,552	1,746
2003–04.....	95,726	93,977	65,758	12,341	376	53,041	22,782	3,251	14,595	3,840	1,096	5,437	1,749
2004–05.....	96,513	95,001	65,984	12,530	338	53,116	23,445	3,250	14,854	3,945	1,396	5,572	1,512
2005–06.....	97,382	95,731	66,026	12,545	326	53,155	23,998	3,249	15,103	3,910	1,736	5,707	1,651
2006–07.....	98,793	96,362	66,458	12,773	313	53,372	23,920	3,112	15,043	4,048	1,717	5,984	2,431
2007–08.....	98,916	97,654	67,112	13,014	288	53,810	24,643	3,117	16,146	3,981	1,399	5,899	1,262
2008–09.....	98,706	97,119	67,148	13,060	237	53,851	24,348	3,037	16,246	3,761	1,304	5,623	1,587
2009–10.....	98,817	97,521	67,140	13,163	217	53,760	24,651	2,953	16,706	3,778	1,214	5,730	1,296
2010–11.....	98,817	97,767	67,086	13,045	224	53,817	24,544	2,855	16,321	4,047	1,321	6,137	1,050

—Not available.

<sup>1</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>2</sup>Includes schools beginning with grade 6 or lower and ending with grade 9 or above.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with grade spans beginning with 4, 5, or 6 and ending with 6, 7, or 8.

<sup>5</sup>Includes schools with no grade lower than 7.

<sup>6</sup>Includes schools with grades 7 and 8 or grades 7 through 9.

<sup>7</sup>Because of revision in data collection procedures, figures not comparable to data for other years.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1967–68 and 1975–76; Statistics of Public Elementary and Secondary Day Schools, 1970–71, 1972–73, 1974–75, and 1976–77 through 1980–81; and Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1982–83 through 2010–11.* (This table was prepared April 2012.)



**Table 106. Number and percentage distribution of public elementary and secondary schools and enrollment, by level, type, and enrollment size of school: 2008–09, 2009–10, and 2010–11**

Enrollment size of school	Number and percentage distribution of schools, by level and type						Enrollment totals and percentage distribution, by level and type of school <sup>1</sup>					
	Total <sup>2</sup>	Elementary <sup>3</sup>	Secondary <sup>4</sup>		Combined elementary/secondary <sup>5</sup>	Other <sup>6</sup>	Total <sup>2</sup>	Elementary <sup>3</sup>	Secondary <sup>4</sup>		Combined elementary/secondary <sup>5</sup>	Other <sup>6</sup>
			All schools	Regular schools <sup>7</sup>					All schools	Regular schools <sup>7</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2008–09</b>												
Total .....	98,706	67,148	24,348	19,349	5,623	1,587	49,053,786	31,446,040	16,055,123	15,568,281	1,520,246	32,377
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.51	5.88	17.76	9.18	38.56	44.26	0.94	0.63	1.11	0.64	5.33	8.45
100 to 199 .....	9.53	8.30	11.42	10.50	17.27	14.75	2.76	2.68	2.38	1.92	8.12	12.18
200 to 299 .....	11.42	12.46	8.62	8.81	10.00	16.94	5.56	6.71	3.04	2.72	7.91	23.68
300 to 399 .....	13.76	16.20	7.89	8.69	7.76	13.11	9.31	12.08	3.88	3.73	8.79	26.30
400 to 499 .....	13.86	16.87	6.60	7.46	6.72	8.20	12.00	16.09	4.19	4.13	9.73	20.36
500 to 599 .....	11.30	13.67	5.78	6.60	5.06	1.64	11.95	15.90	4.51	4.49	9.04	5.20
600 to 699 .....	8.33	9.78	5.14	5.90	3.60	1.09	10.40	13.44	4.73	4.74	7.59	3.84
700 to 799 .....	5.74	6.53	4.09	4.72	2.79	0.00	8.27	10.36	4.35	4.38	6.77	0.00
800 to 999 .....	6.42	6.50	6.98	8.09	3.08	0.00	11.00	12.20	8.87	8.98	8.82	0.00
1,000 to 1,499 .....	5.39	3.43	11.66	13.55	3.20	0.00	12.49	8.47	20.40	20.69	12.43	0.00
1,500 to 1,999 .....	2.03	0.31	7.33	8.59	1.01	0.00	6.78	1.08	18.05	18.46	5.58	0.00
2,000 to 2,999 .....	1.41	0.06	5.57	6.55	0.51	0.00	6.45	0.31	18.72	19.24	4.00	0.00
3,000 or more .....	0.31	0.01	1.17	1.37	0.43	0.00	2.11	0.06	5.77	5.88	5.90	0.00
Average enrollment <sup>8</sup> .....	517	470	704	807	308	177	517	470	704	807	308	177
<b>2009–10</b>												
Total .....	98,817	67,140	24,651	19,604	5,730	1,296	49,081,519	31,547,988	15,930,401	15,454,043	1,542,734	60,396
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.63	5.62	18.28	9.46	39.74	36.08	0.93	0.60	1.13	0.67	5.42	9.41
100 to 199 .....	9.36	8.03	11.40	10.59	16.56	26.58	2.72	2.57	2.42	1.97	7.98	20.37
200 to 299 .....	11.29	12.19	8.94	9.26	9.94	15.51	5.52	6.53	3.21	2.91	8.11	20.01
300 to 399 .....	13.74	16.16	7.98	8.66	8.31	12.03	9.33	11.98	4.01	3.79	9.67	22.06
400 to 499 .....	13.92	17.11	6.51	7.40	6.32	5.38	12.12	16.23	4.22	4.16	9.49	12.39
500 to 599 .....	11.36	13.90	5.57	6.35	5.00	1.58	12.06	16.08	4.42	4.37	9.15	4.61
600 to 699 .....	8.46	10.04	5.12	5.84	3.27	1.27	10.61	13.73	4.79	4.75	7.08	4.22
700 to 799 .....	5.83	6.71	4.07	4.75	2.63	0.95	8.44	10.58	4.40	4.46	6.55	3.67
800 to 999 .....	6.43	6.55	6.89	8.03	3.29	0.32	11.04	12.20	8.91	9.03	9.61	1.44
1,000 to 1,499 .....	5.32	3.37	11.51	13.46	3.21	0.32	12.37	8.27	20.50	20.84	12.79	1.82
1,500 to 1,999 .....	2.01	0.29	7.25	8.56	1.05	0.00	6.74	1.01	18.18	18.64	6.03	0.00
2,000 to 2,999 .....	1.36	0.04	5.42	6.40	0.39	0.00	6.26	0.20	18.57	19.05	3.14	0.00
3,000 or more .....	0.27	#	1.06	1.24	0.29	0.00	1.87	0.02	5.24	5.36	4.98	0.00
Average enrollment <sup>8</sup> .....	516	473	692	796	300	191	516	473	692	796	300	191
<b>2010–11</b>												
Total .....	98,817	67,086	24,544	19,449	6,137	1,050	49,177,617	31,581,751	15,692,610	15,197,786	1,897,712	5,544
Percent <sup>8</sup> .....	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100 .....	10.51	5.51	18.27	9.30	37.19	81.44	0.91	0.59	1.12	0.66	4.36	49.35
100 to 199 .....	9.25	7.96	11.49	10.57	15.47	15.46	2.67	2.55	2.46	1.98	6.45	34.74
200 to 299 .....	11.01	11.84	9.08	9.33	9.30	2.06	5.36	6.31	3.29	2.94	6.68	7.95
300 to 399 .....	13.86	16.34	8.02	8.87	8.45	0.00	9.39	12.08	4.07	3.91	8.53	0.00
400 to 499 .....	13.94	17.07	6.61	7.54	6.86	1.03	12.09	16.14	4.30	4.26	8.98	7.95
500 to 599 .....	11.51	13.97	5.87	6.72	5.41	0.00	12.18	16.11	4.70	4.66	8.60	0.00
600 to 699 .....	8.50	10.12	4.98	5.74	3.69	0.00	10.62	13.78	4.71	4.71	6.96	0.00
700 to 799 .....	5.94	6.84	4.02	4.67	3.22	0.00	8.57	10.75	4.40	4.43	6.97	0.00
800 to 999 .....	6.51	6.69	6.69	7.83	3.73	0.00	11.14	12.43	8.72	8.86	9.70	0.00
1,000 to 1,499 .....	5.32	3.33	11.40	13.36	4.16	0.00	12.31	8.11	20.48	20.81	14.61	0.00
1,500 to 1,999 .....	2.02	0.28	7.24	8.56	1.36	0.00	6.74	0.98	18.35	18.81	6.72	0.00
2,000 to 2,999 .....	1.36	0.03	5.37	6.37	0.76	0.00	6.21	0.16	18.48	18.97	5.29	0.00
3,000 or more .....	0.26	0.00	0.97	1.14	0.42	0.00	1.80	0.00	4.89	5.00	6.14	0.00
Average enrollment <sup>8</sup> .....	517	475	684	790	343	57	517	475	684	790	343	57

#Rounds to zero.

<sup>1</sup>Totals differ from those reported in other tables because this table represents data reported by schools rather than by states or school districts. Percentage distribution and average enrollment calculations exclude data for schools not reporting enrollment.

<sup>2</sup>Includes elementary, secondary, combined elementary/secondary, and other schools.

<sup>3</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>4</sup>Includes schools with no grade lower than 7.

<sup>5</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>6</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>7</sup>Excludes special education schools, vocational schools, and alternative schools.

<sup>8</sup>Data are for schools reporting enrollments greater than zero. Enrollments greater than zero were reported for 94,820 out of 98,706 schools in 2008–09, 95,178 out of 98,817 in 2009–10, and 95,111 out of 98,817 in 2010–11.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2008–09, 2009–10, and 2010–11. (This table was prepared October 2012.)

**Table 107. Average enrollment and percentage distribution of public elementary and secondary schools, by level, type, and enrollment size:  
Selected years, 1982–83 through 2010–11**

Year	Average enrollment in schools, by level and type						Percentage distribution of schools, by enrollment size							
	Total <sup>1</sup>	Elementary <sup>2</sup>	Secondary <sup>3</sup>		Combined elementary/secondary <sup>4</sup>	Other <sup>5</sup>	Under 200	200 to 299	300 to 399	400 to 499	500 to 599	600 to 699	700 to 999	1,000 or more
			All schools	Regular schools <sup>6</sup>										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1982–83.....	478	399	719	—	478	142	21.9	13.8	15.5	13.1	10.2	7.1	10.2	8.3
1983–84.....	480	401	720	—	475	145	21.7	13.7	15.5	13.2	10.2	7.1	10.3	8.3
1984–85.....	482	403	721	—	476	146	21.5	13.6	15.5	13.2	10.3	7.1	10.4	8.4
1986–87.....	489	416	707	714	426	118	21.1	13.1	15.0	13.5	10.8	7.5	10.7	8.1
1987–88.....	490	424	695	711	420	122	20.3	12.9	14.9	13.8	11.1	7.8	11.2	8.0
1988–89.....	494	433	689	697	412	142	20.0	12.5	14.7	13.8	11.4	8.0	11.6	8.0
1989–90.....	493	441	669	689	402	142	19.8	12.2	14.5	13.7	11.5	8.3	12.0	7.9
1990–91.....	497	449	663	684	398	150	19.7	11.9	14.2	13.6	11.7	8.5	12.3	8.1
1991–92.....	507	458	677	717	407	152	19.1	11.7	14.1	13.5	11.8	8.6	12.8	8.5
1992–93.....	513	464	688	733	423	135	18.6	11.6	13.9	13.5	11.9	8.7	13.1	8.7
1993–94.....	518	468	693	748	418	136	18.6	11.5	13.6	13.5	11.7	8.8	13.3	9.0
1994–95.....	520	471	696	759	412	131	18.6	11.4	13.6	13.4	11.8	8.7	13.3	9.2
1995–96.....	525	476	703	771	401	136	18.5	11.2	13.5	13.4	11.8	8.8	13.4	9.4
1996–97.....	527	478	703	777	387	135	18.7	11.3	13.2	13.2	11.8	8.8	13.6	9.5
1997–98.....	525	478	699	779	374	121	19.3	11.2	13.1	13.3	11.6	8.6	13.4	9.6
1998–99.....	524	478	707	786	290	135	19.6	11.2	13.1	13.2	11.5	8.5	13.3	9.6
1999–2000.....	521	477	706	785	282	123	20.0	11.3	13.3	13.2	11.2	8.4	13.1	9.5
2000–01.....	519	477	714	795	274	136	20.4	11.4	13.2	13.3	11.0	8.2	12.9	9.6
2001–02.....	520	477	718	807	270	138	20.5	11.5	13.3	13.1	10.9	8.1	12.7	9.7
2002–03.....	519	476	720	813	265	136	20.7	11.6	13.4	13.0	10.9	8.1	12.4	9.8
2003–04.....	521	476	722	816	269	142	20.7	11.6	13.5	13.2	10.8	8.0	12.3	9.9
2004–05.....	521	474	713	815	298	143	20.7	11.6	13.5	13.2	10.8	8.1	12.2	9.9
2005–06.....	521	473	709	819	318	128	20.7	11.5	13.6	13.2	11.0	8.1	12.2	9.8
2006–07.....	521	473	711	818	325	138	20.3	11.5	13.8	13.4	11.0	8.2	12.2	9.6
2007–08.....	516	469	704	816	292	136	20.4	11.5	13.9	13.6	11.1	8.1	12.0	9.3
2008–09.....	517	470	704	807	308	177	20.0	11.4	13.8	13.9	11.3	8.3	12.2	9.1
2009–10.....	516	473	692	796	300	191	20.0	11.3	13.7	13.9	11.4	8.5	12.3	9.0
2010–11.....	517	475	684	790	343	57	19.8	11.0	13.9	13.9	11.5	8.5	12.5	9.0

—Not available.

<sup>1</sup>Includes elementary, secondary, combined elementary/secondary, and other schools.

<sup>2</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>3</sup>Includes schools with no grade lower than 7.

<sup>4</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>5</sup>Includes special education, alternative, and other schools not reported by grade span.

<sup>6</sup>Excludes special education schools, vocational schools, and alternative schools.

NOTE: Data reflect reports by schools rather than by states or school districts. Percentage distribution and average enrollment calculations include data only for schools reporting enrollments greater than zero. Enrollments greater than zero were reported for 95,200 out of 98,817 schools in 2010–11. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1982–83 through 2010–11. (This table was prepared October 2012.)



**Table 109. Number and enrollment of public elementary and secondary schools that have closed, by school level and type: Selected years, 1995–96 through 2010–11**

School level and type	1995–96	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Number of schools that closed													
<b>Total, all schools</b> .....	<b>954</b>	<b>1,180</b>	<b>1,193</b>	<b>1,412</b>	<b>1,368</b>	<b>2,168</b>	<b>1,913</b>	<b>1,553</b>	<b>1,877</b>	<b>2,120</b>	<b>1,515</b>	<b>1,822</b>	<b>1,929</b>
<b>School type</b>													
Regular .....	686	970	908	1,018	985	1,248	1,190	1,171	1,348	1,450	1,059	1,321	1,486
Special education .....	110	86	84	118	91	114	271	88	160	195	99	235	72
Vocational .....	17	18	17	90	27	33	18	28	14	30	15	11	7
Alternative <sup>1</sup> .....	141	106	184	186	265	773	434	266	355	445	342	255	364
<b>School level and type</b>													
Elementary <sup>2</sup> .....	497	559	601	697	721	947	901	770	846	844	769	936	1,073
Regular .....	449	529	563	648	660	870	847	725	771	804	713	893	1,010
Special education .....	28	16	20	21	26	23	25	13	53	20	22	13	18
Vocational .....	0	0	2	0	0	0	0	1	1	0	1	0	0
Alternative <sup>1</sup> .....	20	14	16	28	35	54	29	31	21	20	33	30	45
Secondary <sup>3</sup> .....	199	300	302	313	245	347	302	342	308	394	368	346	436
Regular .....	114	235	173	141	127	144	177	192	171	233	186	212	237
Special education .....	12	8	19	12	9	10	4	11	24	19	21	12	15
Vocational .....	17	18	14	89	27	33	18	27	13	29	13	11	7
Alternative <sup>1</sup> .....	56	39	96	71	82	160	103	112	100	113	148	111	177
Combined elementary/secondary <sup>4</sup> .....	42	143	146	168	124	158	321	184	193	172	164	91	157
Regular .....	10	96	83	76	57	54	68	82	65	65	50	42	74
Special education .....	13	17	22	29	22	30	28	38	45	48	34	16	24
Vocational .....	0	0	1	1	0	0	0	0	0	1	1	0	0
Alternative <sup>1</sup> .....	19	30	40	62	45	74	225	64	83	58	79	33	59
Other (not classified by grade span) ..	216	178	144	234	278	716	389	257	530	710	214	449	263
Regular .....	113	110	89	153	141	180	98	172	341	348	110	174	165
Special education .....	57	45	23	56	34	51	214	26	38	108	22	194	15
Vocational .....	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternative <sup>2</sup> .....	46	23	32	25	103	485	77	59	151	254	82	81	83
All charter schools <sup>5</sup> .....	—	24	72	111	85	74	171	206	267	133	161	189	216
Prior year enrollment of schools that have closed													
<b>Total, enrollment</b> .....	<b>173,766</b>	<b>187,493</b>	<b>209,228</b>	<b>171,669</b>	<b>195,033</b>	<b>262,183</b>	<b>297,487</b>	<b>229,259</b>	<b>242,388</b>	<b>268,212</b>	<b>243,166</b>	<b>306,806</b>	<b>321,246</b>
<b>School type</b>													
Regular .....	151,574	175,083	198,699	161,663	185,536	242,383	282,432	216,360	227,260	253,409	227,714	292,915	304,001
Special education .....	4,475	2,873	1,665	2,840	1,789	4,144	2,799	3,068	4,745	4,060	1,916	2,173	1,709
Vocational .....	1,613	1,021	632	75	223	719	2,975	73	429	183	1,665	767	22
Alternative <sup>1</sup> .....	16,104	8,516	8,232	7,091	7,485	14,937	9,281	9,758	9,954	10,560	11,871	10,951	15,514
<b>School level and type</b>													
Elementary <sup>2</sup> .....	112,328	128,426	134,934	125,753	146,709	194,752	213,607	161,649	172,403	179,554	171,722	221,681	242,193
Regular .....	108,440	126,944	134,060	124,170	144,013	192,117	211,822	158,744	169,895	176,862	169,815	219,469	239,913
Special education .....	2,991	734	338	591	1,020	1,040	1,153	1,158	1,892	2,131	651	727	404
Vocational .....	0	0	2	0	0	0	0	0	9	0	569	0	0
Alternative <sup>1</sup> .....	897	748	534	992	1,676	1,595	632	1,747	607	561	687	1,485	1,876
Secondary <sup>3</sup> .....	48,074	44,371	47,950	30,817	33,243	52,437	60,029	54,489	55,834	66,163	55,261	68,548	56,935
Regular .....	39,307	39,919	42,666	27,752	30,271	42,750	51,547	49,335	48,797	60,085	45,800	60,734	48,430
Special education .....	398	509	121	175	357	172	108	83	1,126	440	501	508	520
Vocational .....	1,613	1,021	592	72	223	719	2,975	73	420	183	1,096	767	22
Alternative <sup>1</sup> .....	6,756	2,922	4,571	2,818	2,392	8,796	5,399	4,998	5,491	5,455	7,864	6,539	7,963
Combined elementary/secondary <sup>4</sup> .....	12,418	13,083	25,031	12,622	12,957	13,150	22,022	12,993	12,157	19,349	16,093	12,151	21,360
Regular .....	3,743	8,044	21,973	8,999	9,451	7,484	18,415	8,281	7,682	16,295	12,081	8,342	14,941
Special education .....	326	515	701	410	365	1,328	840	1,791	1,293	1,008	692	882	744
Vocational .....	0	0	38	3	0	0	0	0	0	0	0	0	0
Alternative <sup>1</sup> .....	8,349	4,524	2,319	3,210	3,141	4,338	2,767	2,921	3,182	2,046	3,320	2,927	5,675
Other (not classified by grade span) ..	946	1,613	1,313	2,477	2,124	1,844	1,829	128	1,994	3,146	90	4,426	758
Regular .....	84	176	0	742	1,801	32	648	0	886	167	18	4,370	717
Special education .....	760	1,115	505	1,664	47	1,604	698	36	434	481	72	56	41
Vocational .....	0	0	0	0	0	0	0	0	0	0	0	0	0
Alternative <sup>2</sup> .....	102	322	808	71	276	208	483	92	674	2,498	0	0	0
All charter schools <sup>5</sup> .....	—	7,141	5,925	11,134	11,894	6,797	21,505	14,118	15,340	12,226	20,537	17,954	24,165

—Not available.

<sup>1</sup>Includes schools that provide nontraditional education, address needs of students that typically cannot be met in regular schools, serve as adjuncts to regular schools, or fall outside the categories of regular, special education, or vocational education.

<sup>2</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>3</sup>Includes schools with no grade lower than 7.

<sup>4</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

<sup>5</sup>Charter schools are also included under the school level and type categories, as appropriate.

NOTE: This table indicates the school year by which the school no longer operated (generally it closed between that school year and the prior school year). The closure of a school does not necessarily mean that a building is no longer used for educational purposes. A single school may share a building with another school, or one school may be housed in several buildings.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1995–96 through 2010–11. (This table was prepared April 2013.)



**Table 111. Number and percentage distribution of public elementary and secondary school students, by percentage of student's racial/ethnic group enrolled in the school and student's racial/ethnic group: Selected years, fall 1995 through fall 2010**

Racial/ethnic group	Number of students in each racial/ethnic group, by percent of that racial/ethnic group in the school							Percentage distribution of students in each racial/ethnic group, by percent of that racial/ethnic group in the school						
	Total	Less than 10 percent of group	10 to 24 percent of group	25 to 49 percent of group	50 to 74 percent of group	75 to 89 percent of group	90 percent or more of group	Total	Less than 10 percent of group	10 to 24 percent of group	25 to 49 percent of group	50 to 74 percent of group	75 to 89 percent of group	90 percent or more of group
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1995</b>														
White .....	28,736,961	143,787	498,649	2,084,689	5,244,015	6,813,804	13,952,017	100.0	0.5	1.7	7.3	18.2	23.7	48.6
Black .....	7,510,678	657,403	1,119,556	1,873,303	1,386,802	811,898	1,661,716	100.0	8.8	14.9	24.9	18.5	10.8	22.1
Hispanic .....	6,016,293	646,364	847,792	1,359,649	1,360,020	874,878	927,590	100.0	10.7	14.1	22.6	22.6	14.5	15.4
Asian/Pacific Islander .....	1,656,787	703,101	435,495	301,984	135,001	67,558	13,648	100.0	42.4	26.3	18.2	8.1	4.1	0.8
American Indian/ Alaska Native .....	503,748	223,244	75,019	63,070	39,200	15,084	88,131	100.0	44.3	14.9	12.5	7.8	3.0	17.5
<b>2000</b>														
White .....	28,146,613	189,779	595,137	2,294,232	5,556,108	7,279,301	12,232,056	100.0	0.7	2.1	8.2	19.7	25.9	43.5
Black .....	7,854,032	735,459	1,199,865	1,899,982	1,366,363	871,399	1,780,964	100.0	9.4	15.3	24.2	17.4	11.1	22.7
Hispanic .....	7,649,728	738,509	1,054,396	1,696,944	1,739,038	1,134,466	1,286,375	100.0	9.7	13.8	22.2	22.7	14.8	16.8
Asian/Pacific Islander .....	1,924,875	799,220	524,279	331,576	171,739	81,461	16,600	100.0	41.5	27.2	17.2	8.9	4.2	0.9
American Indian/ Alaska Native .....	545,177	251,983	81,119	75,831	39,944	15,363	80,937	100.0	46.2	14.9	13.9	7.3	2.8	14.8
<b>2005</b>														
White .....	27,742,612	240,614	705,300	2,596,310	6,256,109	7,718,175	10,226,104	100.0	0.9	2.5	9.4	22.6	27.8	36.9
Black .....	8,366,722	849,399	1,396,670	2,004,856	1,453,759	884,663	1,777,375	100.0	10.2	16.7	24.0	17.4	10.6	21.2
Hispanic .....	9,638,712	848,160	1,316,558	2,071,303	2,218,616	1,545,322	1,638,753	100.0	8.8	13.7	21.5	23.0	16.0	17.0
Asian/Pacific Islander .....	2,242,628	925,411	616,762	363,562	214,304	100,845	21,744	100.0	41.3	27.5	16.2	9.6	4.5	1.0
American Indian/ Alaska Native .....	594,306	276,846	86,978	84,665	43,272	21,275	81,270	100.0	46.6	14.6	14.2	7.3	3.6	13.7
<b>2008</b>														
White .....	26,655,206	263,040	741,385	2,654,942	6,427,654	7,599,841	8,968,344	100.0	1.0	2.8	10.0	24.1	28.5	33.6
Black .....	8,225,299	876,408	1,444,408	1,980,487	1,403,984	871,014	1,648,998	100.0	10.7	17.6	24.1	17.1	10.6	20.0
Hispanic .....	10,439,072	863,435	1,409,966	2,203,867	2,430,896	1,713,221	1,817,687	100.0	8.3	13.5	21.1	23.3	16.4	17.4
Asian/Pacific Islander .....	2,419,695	974,599	676,841	404,394	235,263	106,117	22,481	100.0	40.3	28.0	16.7	9.7	4.4	0.9
American Indian/ Alaska Native .....	583,384	275,483	80,815	90,654	38,370	20,669	77,393	100.0	47.2	13.9	15.5	6.6	3.5	13.3
<b>2009</b>														
White .....	26,311,473	273,285	766,093	2,802,435	6,623,809	7,537,266	8,308,585	100.0	1.0	2.9	10.7	25.2	28.6	31.6
Black .....	8,166,410	885,911	1,469,582	1,984,384	1,387,212	858,152	1,581,169	100.0	10.8	18.0	24.3	17.0	10.5	19.4
Hispanic .....	10,775,975	875,979	1,475,714	2,312,508	2,557,263	1,710,475	1,844,036	100.0	8.1	13.7	21.5	23.7	15.9	17.1
Asian/Pacific Islander .....	2,461,820	990,104	680,770	422,114	233,733	109,671	25,428	100.0	40.2	27.7	17.1	9.5	4.5	1.0
American Indian/ Alaska Native .....	584,756	280,738	79,981	89,944	40,595	21,274	72,224	100.0	48.0	13.7	15.4	6.9	3.6	12.4
<b>2010</b>														
White .....	25,801,021	288,136	807,107	2,991,928	7,090,581	7,620,071	7,003,198	100.0	1.1	3.1	11.6	27.5	29.5	27.1
Black .....	7,873,809	904,777	1,453,068	1,907,158	1,328,164	859,843	1,420,799	100.0	11.5	18.5	24.2	16.9	10.9	18.0
Hispanic .....	11,367,157	896,796	1,603,546	2,473,080	2,657,108	1,791,161	1,945,466	100.0	7.9	14.1	21.8	23.4	15.8	17.1
Asian .....	2,281,908	944,657	633,149	431,446	219,381	43,509	9,766	100.0	41.4	27.7	18.9	9.6	1.9	0.4
Pacific Islander .....	169,678	104,646	15,170	27,558	14,860	5,146	2,298	100.0	61.7	8.9	16.2	8.8	3.0	1.4
American Indian/ Alaska Native .....	561,126	276,859	76,874	78,978	38,349	21,156	68,910	100.0	49.3	13.7	14.1	6.8	3.8	12.3
Two or more races .....	1,157,332	996,181	128,813	15,347	6,709	3,286	6,996	100.0	86.1	11.1	1.3	0.6	0.3	0.6

NOTE: Data reflect racial/ethnic data reported by schools. Because some schools do not report complete racial/ethnic data, totals may differ from figures in other tables. Excludes 1995 data for Idaho and 2000 data for Tennessee because racial/ethnic data were not reported. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), Public Elementary/Secondary School Universe Survey, 1995–96, 2000–01, 2005–06, 2008–09, 2009–10, and 2010–11. (This table was prepared July 2012.)







**Table 114. Public elementary schools, by grade span, average school size, and state or jurisdiction: 2010–11**

State or jurisdiction	Total, all elementary schools	Total, all regular elementary schools <sup>1</sup>	Schools, by grade span						Average number of students per school <sup>2</sup>	
			Prekindergarten, kindergarten, or 1st grade to grades 3 or 4	Prekindergarten, kindergarten, or 1st grade to grade 5	Prekindergarten, kindergarten, or 1st grade to grade 6	Prekindergarten, kindergarten, or 1st grade to grade 8	Grade 4, 5, or 6 to grade 6, 7, or 8	Other grade spans	All elementary schools	Regular elementary schools <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>67,086</b>	<b>65,874</b>	<b>4,989</b>	<b>24,999</b>	<b>11,018</b>	<b>6,192</b>	<b>13,045</b>	<b>6,843</b>	<b>475</b>	<b>480</b>
Alabama .....	945	937	88	303	169	59	216	110	483	485
Alaska .....	197	188	3	44	90	24	22	14	332	326
Arizona .....	1,346	1,322	50	244	355	445	180	72	511	514
Arkansas .....	716	714	125	142	180	7	152	110	425	426
California .....	6,789	6,556	154	2,260	2,174	790	963	448	555	567
Colorado .....	1,282	1,277	28	615	212	111	240	76	429	429
Connecticut .....	826	813	100	252	81	90	157	146	436	441
Delaware .....	152	149	15	75	7	7	37	11	570	575
District of Columbia .....	165	157	6	64	11	38	23	23	306	310
Florida .....	2,714	2,638	22	1,655	146	180	571	140	661	677
Georgia .....	1,802	1,796	43	1,079	34	25	462	159	652	653
Hawaii .....	209	208	0	83	89	9	27	1	541	543
Idaho .....	444	440	35	142	138	27	79	23	384	387
Illinois .....	3,189	3,153	309	795	341	697	580	467	431	434
Indiana .....	1,385	1,382	186	457	335	40	258	109	472	473
Iowa .....	986	983	129	344	145	14	228	126	320	320
Kansas .....	956	952	102	322	200	72	191	69	325	326
Kentucky .....	991	975	27	477	115	83	202	87	466	472
Louisiana .....	986	928	84	340	118	108	215	121	467	474
Maine .....	469	468	64	93	57	89	88	78	258	259
Maryland .....	1,123	1,109	10	653	102	87	221	50	513	516
Massachusetts .....	1,412	1,398	186	478	121	105	287	235	442	443
Michigan .....	2,460	2,359	227	879	230	217	504	403	412	417
Minnesota .....	1,258	1,109	107	346	328	74	225	178	419	458
Mississippi .....	624	624	56	139	99	37	152	141	504	504
Missouri .....	1,572	1,560	149	487	314	112	307	203	378	380
Montana .....	479	476	17	55	213	114	52	28	179	179
Nebraska .....	722	716	49	167	290	36	95	85	267	268
Nevada .....	474	465	10	259	84	16	89	16	618	628
New Hampshire .....	375	375	57	111	37	51	80	39	339	339
New Jersey .....	1,935	1,923	261	565	154	288	361	306	462	464
New Mexico .....	602	591	17	240	143	17	127	58	367	372
New York .....	3,325	3,304	280	1,277	396	219	737	416	521	522
North Carolina .....	1,883	1,871	69	1,090	70	115	456	83	544	546
North Dakota .....	298	297	13	54	124	64	27	16	197	198
Ohio .....	2,547	2,520	331	695	390	224	543	364	423	426
Oklahoma .....	1,235	1,231	64	392	91	300	248	140	377	377
Oregon .....	915	909	37	393	155	119	175	36	386	387
Pennsylvania .....	2,290	2,289	287	724	447	198	429	205	466	467
Rhode Island .....	233	232	34	76	46	3	40	34	386	387
South Carolina .....	901	898	41	452	54	32	227	95	548	550
South Dakota .....	431	427	16	133	75	97	91	19	195	197
Tennessee .....	1,308	1,302	106	414	193	242	275	78	506	508
Texas .....	5,894	5,741	617	2,648	544	126	1,309	650	558	569
Utah .....	628	593	13	86	429	25	34	41	543	567
Vermont .....	235	235	11	28	104	64	17	11	222	222
Virginia .....	1,508	1,508	52	844	150	11	310	141	552	552
Washington .....	1,514	1,427	61	595	373	77	265	143	434	449
West Virginia .....	567	566	78	261	37	38	117	36	346	346
Wisconsin .....	1,552	1,547	138	616	143	156	313	186	365	366
Wyoming .....	237	236	25	56	85	13	41	17	224	225
Bureau of Indian Education .....	108	108	6	5	24	68	4	1	203	203
DoD, domestic and overseas .....	57	57	15	15	4	2	10	11	—	—
Other jurisdictions										
American Samoa .....	22	22	0	0	0	22	0	0	—	—
Guam .....	35	35	0	25	0	0	8	2	605	605
Northern Marianas .....	23	23	0	2	10	0	2	9	276	276
Puerto Rico .....	871	870	43	3	791	1	22	11	252	252
U.S. Virgin Islands .....	22	22	1	1	18	0	2	0	386	386

—Not available.

<sup>1</sup>Excludes special education and alternative schools.

<sup>2</sup>Average for schools reporting enrollment data. Enrollment data were available for 66,556 out of 67,086 public elementary schools in 2010–11.

NOTE: Includes schools beginning with grade 6 or below and with no grade higher than 8. Excludes schools not reported by grade level, such as some special education schools for the disabled. DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2010–11. (This table was prepared October 2012.)

**Table 115. Public secondary schools, by grade span, average school size, and state or jurisdiction: 2010–11**

State or jurisdiction	Total, all secondary schools	Total, all regular secondary schools <sup>1</sup>	Schools, by grade span							Vocational schools <sup>2</sup>	Average number of students per school <sup>3</sup>	
			Grades 7 to 8 and 7 to 9	Grades 7 to 12	Grades 8 to 12	Grades 9 to 12	Grades 10 to 12	Other spans ending with grade 12	Other grade spans		All secondary schools	Regular secondary schools <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>24,544</b>	<b>19,449</b>	<b>2,855</b>	<b>3,100</b>	<b>947</b>	<b>15,413</b>	<b>908</b>	<b>415</b>	<b>906</b>	<b>1,485</b>	<b>684</b>	<b>790</b>
Alabama .....	420	318	34	89	60	190	31	3	13	72	699	714
Alaska .....	83	62	14	20	1	47	1	0	0	3	464	570
Arizona .....	737	501	78	43	7	585	6	4	14	217	596	719
Arkansas .....	386	351	57	128	10	136	35	1	19	26	490	499
California .....	2,531	1,444	296	263	374	1,123	249	88	138	86	840	1,309
Colorado .....	397	338	47	53	3	284	4	1	5	6	623	705
Connecticut .....	278	206	34	16	3	187	16	14	8	16	690	864
Delaware .....	38	30	2	1	18	16	0	0	1	6	1,027	1,056
District of Columbia .....	40	31	2	2	2	26	3	0	5	4	393	467
Florida .....	673	496	18	44	38	546	7	12	8	53	1,196	1,500
Georgia .....	457	428	16	8	7	388	2	1	35	1	1,051	1,112
Hawaii .....	52	51	12	7	0	33	0	0	0	0	1,150	1,171
Idaho .....	234	154	38	53	0	119	19	2	3	11	430	571
Illinois .....	1,006	824	150	72	21	686	13	29	35	53	723	820
Indiana .....	437	421	76	92	1	257	4	1	6	28	867	877
Iowa .....	403	365	49	70	0	269	8	3	4	0	407	441
Kansas .....	384	378	51	89	2	239	1	1	1	1	420	426
Kentucky .....	445	247	28	44	8	349	6	7	3	126	641	803
Louisiana .....	304	250	33	48	83	111	16	0	13	6	620	705
Maine .....	151	122	12	11	3	108	8	9	0	27	485	493
Maryland .....	260	198	12	4	2	226	2	7	7	24	1,080	1,275
Massachusetts .....	370	319	33	39	8	285	1	1	3	39	840	857
Michigan .....	1,065	750	76	102	31	757	30	35	34	62	559	701
Minnesota .....	854	477	48	291	30	384	50	43	8	11	393	602
Mississippi .....	319	229	26	46	3	239	2	0	3	90	648	648
Missouri .....	651	569	67	184	1	356	18	10	15	66	532	537
Montana .....	348	345	177	0	0	171	0	0	0	0	162	163
Nebraska .....	342	334	30	185	1	117	4	5	0	0	357	357
Nevada .....	137	120	23	8	3	97	1	5	0	1	1,000	1,110
New Hampshire .....	105	105	17	0	0	86	1	0	1	0	646	646
New Jersey .....	538	404	59	41	16	369	17	8	28	56	841	1,050
New Mexico .....	239	209	40	28	1	152	8	0	10	1	479	522
New York .....	1,101	1,025	69	132	11	794	23	2	70	29	790	803
North Carolina .....	529	507	23	13	3	461	5	4	20	1	819	849
North Dakota .....	183	168	10	91	2	74	3	1	2	10	207	209
Ohio .....	1,023	939	137	126	52	668	11	10	19	72	604	618
Oklahoma .....	547	541	70	0	0	428	31	3	15	0	355	357
Oregon .....	309	280	35	47	3	216	5	3	0	0	604	652
Pennsylvania .....	832	737	106	158	10	461	65	10	22	86	819	827
Rhode Island .....	74	60	13	1	0	59	0	0	1	11	764	813
South Carolina .....	275	224	22	9	2	217	17	3	5	39	962	970
South Dakota .....	256	231	70	2	0	182	1	1	0	4	165	173
Tennessee .....	350	329	14	40	7	277	7	2	3	17	874	890
Texas .....	2,151	1,546	304	162	58	1,264	46	41	276	0	707	947
Utah .....	315	247	104	54	4	69	68	2	14	6	754	896
Vermont .....	69	53	8	18	0	28	0	0	15	15	522	531
Virginia .....	402	344	32	6	32	323	5	0	4	49	1,155	1,184
Washington .....	622	429	103	54	21	379	36	16	13	16	636	828
West Virginia .....	135	111	2	27	2	103	0	0	1	31	609	735
Wisconsin .....	587	519	57	64	2	412	19	27	6	7	491	540
Wyoming .....	100	83	21	15	1	60	3	0	0	0	320	374
Bureau of Indian Education ..	18	18	1	4	0	13	0	0	0	0	319	319
DoD, domestic and overseas ..	7	7	2	0	0	5	0	0	0	0	—	—
Other jurisdictions												
American Samoa .....	6	5	0	0	0	6	0	0	0	1	—	—
Guam .....	5	5	0	0	1	4	0	0	0	0	2,088	2,088
Northern Marianas .....	6	6	1	1	0	4	0	0	0	0	785	785
Puerto Rico .....	401	370	197	25	2	5	157	4	11	30	471	460
U.S. Virgin Islands .....	9	8	4	0	0	5	0	0	0	1	847	847

—Not available.

<sup>1</sup>Excludes vocational, special education, and alternative schools.

<sup>2</sup>Vocational schools are also included under appropriate grade span.

<sup>3</sup>Average for schools reporting enrollment data. Enrollment data were available for 22,930 out of 24,544 public secondary schools in 2010–11.

NOTE: Includes schools with no grade lower than 7. Excludes schools not reported by grade level, such as some special education schools for the disabled. DoD = Department of Defense.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 2010–11. (This table was prepared October 2012.)

**Table 116. Number and percentage distribution of public elementary and secondary students and schools, by traditional or charter school status and selected characteristics: Selected years, 1999–2000 through 2010–11**

Selected characteristic	1999–2000			Charter schools					2010–11		
	Total, all public schools	Traditional (noncharter) schools	Charter schools	2001–02	2003–04	2005–06	2007–08	2009–10	Total, all public schools	Traditional (noncharter) schools	Charter schools
1	2	3	4	5	6	7	8	9	10	11	12
Enrollment (in thousands).....	46,689	46,350	340	571	789	1,013	1,277	1,610	49,178	47,391	1,787
<b>Percentage distribution of students</b>											
Sex.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male.....	51.4	51.4	51.0	50.8	50.3	49.9	49.5	49.5	51.4	51.4	49.5
Female.....	48.6	48.6	49.0	49.2	49.7	50.1	50.5	50.5	48.6	48.6	50.5
Race/ethnicity.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	61.8	61.9	42.5	42.6	41.8	40.5	38.8	37.3	52.5	53.1	36.2
Black.....	17.1	16.9	33.5	32.5	31.9	32.1	31.8	30.3	16.0	15.5	28.9
Hispanic.....	15.9	15.9	19.6	20.1	21.5	22.4	24.5	26.0	23.1	22.9	27.3
Asian/Pacific Islander.....	4.1	4.1	2.8	3.1	3.2	3.6	3.8	3.9	5.0	5.0	3.7
American Indian/Alaska Native.....	1.2	1.2	1.5	1.7	1.5	1.4	1.2	1.0	1.1	1.1	0.9
Two or more races.....	—	—	—	—	—	—	—	1.4	2.4	2.3	2.9
Percent of students eligible for free or reduced-price lunch program.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 to 25.0.....	44.9	45.0	36.9	42.5	33.2	36.1	19.8	20.6	24.1	24.0	27.2
25.1 to 50.0.....	25.4	25.5	12.7	14.3	17.1	15.9	16.5	18.8	28.9	29.2	18.9
50.1 to 75.0.....	16.0	16.1	13.0	14.7	16.1	17.4	18.9	20.2	26.6	26.8	20.4
More than 75.0.....	12.2	12.2	14.3	15.2	18.4	22.0	21.2	30.7	20.1	19.7	30.7
Missing/school does not participate.....	1.4	1.2	23.2	13.3	15.2	8.6	23.6	9.7	0.3	0.2	2.7
Number of teachers <sup>1</sup> .....	2,636,277	2,622,678	13,599	23,415	36,406	49,142	69,725	84,983	3,001,994	2,910,869	91,126
Pupil/teacher ratio <sup>1</sup> .....	16.6	16.6	18.8	17.7	17.6	17.3	15.9	17.3	16.4	16.4	18.0
Total number of schools.....	92,012	90,488	1,524	2,348	2,977	3,780	4,388	4,952	98,817	93,543	5,274
<b>Percentage distribution of schools</b>											
School level.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Elementary <sup>2</sup> .....	69.7	70.0	54.6	50.6	52.0	52.1	53.3	54.1	67.9	68.7	54.3
Secondary <sup>3</sup> .....	24.3	24.3	25.9	24.2	26.2	28.0	27.8	26.8	24.8	24.8	25.9
Combined <sup>4</sup> .....	4.4	4.2	18.6	21.6	21.0	18.6	18.3	18.8	6.2	5.5	19.5
Other.....	1.6	1.6	0.9	3.6	0.8	1.3	0.6	0.3	1.1	1.1	0.2
Size of enrollment.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 300.....	31.4	30.7	77.1	73.6	71.1	69.6	65.6	61.5	30.9	29.3	59.0
300 to 499.....	26.4	26.7	12.0	13.6	15.6	16.5	19.3	20.8	27.8	28.1	22.3
500 to 999.....	32.6	33.0	8.6	9.9	10.1	10.9	12.0	14.0	32.3	33.4	14.8
1,000 or more.....	9.5	9.7	2.4	2.8	3.2	3.0	3.1	3.7	9.0	9.3	3.9
Racial/ethnic concentration.....											
More than 50 percent White.....	70.9	71.2	51.1	50.9	48.7	46.5	43.2	40.3	60.4	61.7	38.4
More than 50 percent Black.....	11.1	10.8	26.5	23.8	24.5	26.4	26.5	25.8	10.7	9.8	25.4
More than 50 percent Hispanic.....	8.8	8.7	11.4	12.5	13.6	15.1	17.8	19.8	14.5	14.1	20.8
Percent of students eligible for free or reduced-price lunch program.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0 to 25.0.....	42.3	42.3	44.5	47.8	28.7	32.7	20.2	19.3	23.4	23.2	28.3
25.1 to 50.0.....	25.6	25.9	11.1	11.7	16.0	15.2	15.5	17.2	26.9	27.4	17.4
50.1 to 75.0.....	16.8	16.9	10.2	12.0	16.0	16.9	18.8	20.9	26.4	26.8	20.1
More than 75.0.....	11.9	11.9	12.4	13.5	19.9	22.7	22.4	32.8	21.3	20.7	33.1
Missing/school does not participate.....	3.3	3.0	21.9	14.9	19.5	12.5	23.0	9.8	2.0	2.0	1.1
Locale.....	—	—	—	—	100.0	100.0	100.0	100.0	100.0	100.0	100.0
City.....	—	—	—	—	52.7	52.5	54.3	54.8	26.2	24.5	55.5
Suburban.....	—	—	—	—	22.0	22.2	22.0	21.1	27.4	27.8	21.3
Town.....	—	—	—	—	9.6	9.4	8.5	8.0	14.0	14.4	7.6
Rural.....	—	—	—	—	15.8	16.0	15.2	16.1	32.3	33.3	15.6
Region.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Northeast.....	16.1	16.3	7.2	10.1	9.2	9.0	8.6	9.1	15.5	15.9	9.5
Midwest.....	28.9	29.0	24.9	22.6	23.7	27.4	26.5	24.0	26.4	26.6	23.1
South.....	33.1	33.2	28.9	28.4	26.7	26.5	28.2	29.5	34.7	35.0	29.5
West.....	21.8	21.6	38.9	38.9	40.3	37.2	36.6	37.4	23.4	22.5	37.9

—Not available.

<sup>1</sup>Data for 2010 include imputations for teachers in California and Vermont.

<sup>2</sup>Includes schools beginning with grade 6 or below and with no grade higher than 8.

<sup>3</sup>Includes schools with no grade lower than 7.

<sup>4</sup>Includes schools beginning with grade 6 or below and ending with grade 9 or above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1999–2000 through 2010–11. (This table was prepared October 2012.)

**Table 117. Public elementary and secondary charter schools and enrollment, by state: Selected years, 1999–2000 through 2010–11**

State	Number of charter schools				Charter school enrollment				Charter schools as a percent of total public schools				Charter school enrollment as a percent of total public school enrollment			
	1999–2000	2005–06	2009–10	2010–11	1999–2000	2005–06	2009–10	2010–11	1999–2000	2005–06	2009–10	2010–11	1999–2000	2005–06	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>United States .....</b>	<b>1,524</b>	<b>3,780</b>	<b>4,952</b>	<b>5,274</b>	<b>339,678</b>	<b>1,012,906</b>	<b>1,610,285</b>	<b>1,787,091</b>	<b>1.7</b>	<b>3.9</b>	<b>5.0</b>	<b>5.3</b>	<b>0.7</b>	<b>2.1</b>	<b>3.3</b>	<b>3.6</b>
Alabama .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Alaska .....	18	23	25	27	2,300	4,660	5,196	5,751	3.6	4.6	4.9	5.3	1.7	3.5	3.9	4.4
Arizona .....	245	501	504	519	31,176	90,597	113,974	124,467	14.9	24.1	22.4	22.9	3.7	8.3	10.6	11.6
Arkansas .....	0	19	38	40	0	4,006	8,662	10,209	0.0	1.7	3.4	3.6	0.0	0.8	1.8	2.1
California .....	238	543	813	908	104,730	195,876	316,658	363,916	2.8	5.6	8.1	9.0	1.8	3.1	5.1	5.9
Colorado .....	69	121	158	168	17,822	44,254	66,826	74,685	4.3	7.1	8.8	9.4	2.5	5.7	8.0	8.9
Connecticut .....	16	14	18	18	2,148	2,927	5,215	5,139	1.5	1.3	1.5	1.6	0.4	0.5	0.9	0.9
Delaware .....	1	13	18	19	115	6,566	9,173	9,525	0.5	5.9	8.3	8.9	0.1	5.4	7.3	7.4
District of Columbia .....	27	52	99	97	6,432	17,260	25,813	26,910	14.3	22.7	42.5	42.5	8.3	22.5	37.3	37.8
Florida .....	113	342	412	458	17,251	92,335	137,887	154,703	3.5	9.2	10.2	11.1	0.7	3.5	5.2	5.9
Georgia .....	18	58	63	67	11,005	26,440	37,545	41,981	1.0	2.4	2.6	2.7	0.8	1.7	2.3	2.5
Hawaii .....	2	27	31	31	790	6,498	7,869	8,289	0.8	9.5	10.7	10.7	0.4	3.5	4.4	4.6
Idaho .....	8	26	36	40	915	8,003	14,529	15,330	1.2	3.7	4.9	5.3	0.4	3.1	5.3	5.6
Illinois .....	17	29	39	50	6,152	16,968	35,836	43,049	0.4	0.7	0.9	1.1	0.3	0.8	1.7	2.1
Indiana .....	0	29	53	60	0	7,409	18,488	22,472	0.0	1.5	2.7	3.1	0.0	0.7	1.8	2.2
Iowa .....	0	6	9	7	0	520	593	298	0.0	0.4	0.6	0.5	0.0	0.1	0.1	0.1
Kansas .....	0	26	35	25	0	1,914	4,684	4,618	0.0	1.8	2.5	1.8	0.0	0.4	1.0	1.0
Kentucky .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Louisiana .....	16	26	77	78	2,449	8,315	31,467	29,199	1.0	1.9	5.2	5.3	0.3	1.3	4.6	4.2
Maine .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maryland .....	0	15	42	44	0	3,363	11,995	14,492	0.0	1.0	2.9	3.0	0.0	0.4	1.4	1.7
Massachusetts .....	40	59	62	63	12,518	21,958	27,393	28,422	2.1	3.1	3.4	3.4	1.3	2.3	2.9	3.0
Michigan .....	193	264	294	300	46,078	91,384	110,504	111,344	4.9	6.5	7.6	7.7	2.8	5.3	6.8	7.2
Minnesota .....	62	161	181	176	7,794	20,603	35,375	37,253	2.6	6.1	7.4	7.4	0.9	2.5	4.2	4.4
Mississippi .....	1	1	1	0	347	374	375	0	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.0
Missouri .....	15	23	48	53	4,303	10,972	18,415	20,076	0.6	1.0	2.0	2.2	0.5	1.2	2.0	2.2
Montana .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nebraska .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nevada .....	5	19	35	34	898	4,818	11,613	14,127	1.0	3.4	5.5	5.3	0.3	1.2	2.7	3.2
New Hampshire .....	0	6	15	14	0	200	816	983	0.0	1.3	3.1	2.9	0.0	0.1	0.4	0.5
New Jersey .....	0	54	70	76	0	14,937	22,981	24,591	0.0	2.2	2.7	2.9	0.0	1.1	1.7	1.8
New Mexico .....	1	53	72	81	22	8,595	13,090	15,290	0.1	6.2	8.4	9.4	#	2.6	3.9	4.6
New York .....	5	79	140	170	0	21,539	43,963	54,443	0.1	1.7	3.6	3.6	—	0.8	1.6	2.0
North Carolina .....	82	99	96	99	12,691	27,441	38,973	42,141	3.8	4.2	3.8	3.9	1.0	1.9	2.6	2.8
North Dakota .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ohio .....	48	316	323	339	9,809	68,679	90,989	96,669	1.2	7.9	8.5	9.0	0.5	3.7	5.2	5.5
Oklahoma .....	0	14	18	18	0	4,081	6,315	6,585	0.0	0.8	1.0	1.0	0.0	0.6	1.0	1.0
Oregon .....	1	54	102	108	109	5,192	18,334	20,372	0.1	4.3	7.8	8.3	#	1.0	3.3	3.7
Pennsylvania .....	47	116	134	145	11,413	55,630	79,167	90,613	1.5	3.6	4.1	4.5	0.6	3.0	4.5	5.1
Rhode Island .....	2	11	12	16	446	2,571	3,233	3,971	0.6	3.3	3.7	5.0	0.3	1.7	2.3	2.8
South Carolina .....	7	27	39	44	327	4,104	13,035	16,390	0.6	2.3	3.2	3.6	#	0.6	1.8	2.3
South Dakota .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Tennessee .....	0	12	20	29	0	1,685	4,343	6,517	0.0	0.7	1.1	1.6	0.0	0.2	0.4	0.7
Texas .....	176	319	536	561	25,687	70,895	148,392	164,940	2.4	3.7	6.2	6.4	0.6	1.6	3.1	3.3
Utah .....	6	36	72	78	390	11,439	33,968	39,862	0.8	3.8	6.9	7.7	0.1	2.2	5.8	6.8
Vermont .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Virginia .....	0	3	3	4	0	210	179	348	0.0	0.1	0.1	0.2	0.0	#	#	#
Washington .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Virginia .....	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Wisconsin .....	45	181	206	207	3,561	27,450	36,153	36,863	2.1	8.1	9.2	9.2	0.4	3.1	4.1	4.2
Wyoming .....	0	3	3	3	0	238	269	258	0.0	0.8	0.8	0.8	0.0	0.3	0.3	0.3

—Not available.  
#Rounds to zero.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "Public Elementary/Secondary School Universe Survey," 1999–2000 through 2010–11. (This table was prepared October 2012.)

**Table 118. Percentage of public schools with permanent and portable (temporary) buildings and with environmental factors that interfere with instruction in classrooms, by selected school characteristics, type of factor, and extent of interference: 2005**  
[Standard errors appear in parentheses]

Type of environmental factor and extent of interference with ability to deliver classroom instruction	All public schools¹	Instructional level		Size of school enrollment			Percent of students eligible for free or reduced-price lunch				
		Elementary	Secondary/combined	Less than 350	350 to 699	700 or more	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more	
1	2	3	4	5	6	7	8	9	10	11	
Estimated number of schools .....	80,910 (540)	61,590 (669)	19,320 (312)	27,300 (1,039)	32,710 (1,223)	20,900 (695)	32,880 (1,231)	13,400 (1,078)	18,620 (1,244)	16,010 (1,002)	
Estimated enrollment (in thousands) .....	46,003 (457)	29,786 (457)	16,217 (195)	5,947 (331)	16,208 (605)	23,849 (699)	20,668 (721)	6,982 (531)	9,492 (721)	8,861 (670)	
Percent of schools											
With permanent buildings .....	99 (0.4)	99 (0.5)	99 (0.5)	99 (0.5)	99 (0.6)	99 (0.5)	99 (0.5)	100 (†)	99 (0.7)	98 (1.2)	
With portable (temporary) buildings .....	37 (1.9)	40 (2.5)	29 (1.9)	27 (3.1)	36 (2.9)	52 (2.8)	31 (2.9)	35 (4.6)	42 (3.3)	46 (3.9)	
With portable classroom buildings .....	33 (1.7)	35 (2.1)	28 (1.9)	21 (2.6)	33 (2.7)	49 (2.9)	27 (2.7)	31 (4.4)	38 (3.0)	43 (3.9)	
With environmental factors that interfere with instruction to a moderate or major extent											
In permanent buildings²											
Lighting, artificial .....	6 (0.9)	6 (1.1)	5 (1.0)	5 ! (2.0)	6 (1.4)	6 (1.4)	4 ! (1.2)	‡ (†)	8 (2.0)	8 (2.0)	
Lighting, natural .....	6 (0.8)	5 (1.0)	7 (1.1)	6 (1.6)	6 (1.5)	4 (0.8)	6 (1.3)	4 ! (1.8)	8 (2.3)	4 ! (1.4)	
Heating .....	12 (1.3)	12 (1.5)	13 (1.8)	14 (2.4)	11 (1.9)	12 (2.0)	13 (2.1)	9 (2.4)	12 (2.7)	14 (2.2)	
Air conditioning .....	16 (1.6)	16 (2.0)	17 (2.0)	16 (2.6)	16 (2.6)	17 (2.0)	19 (2.8)	11 (3.2)	15 (2.7)	16 (2.5)	
Ventilation .....	12 (1.2)	11 (1.5)	12 (1.6)	11 (2.1)	12 (2.1)	12 (1.8)	12 (1.7)	10 ! (3.4)	12 (2.8)	13 (2.6)	
Indoor air quality .....	9 (1.2)	9 (1.5)	9 (1.4)	8 (1.7)	11 (1.9)	9 (1.6)	10 (1.7)	6 ! (2.4)	10 (2.7)	10 (2.7)	
Acoustics or noise control .....	12 (1.1)	12 (1.4)	12 (1.5)	12 (2.3)	13 (2.0)	12 (1.6)	8 (1.3)	10 (2.8)	20 (3.3)	14 (2.9)	
Physical condition of buildings .....	10 (1.2)	10 (1.5)	12 (1.4)	10 (2.1)	11 (1.8)	10 (1.7)	9 (1.7)	7 ! (2.5)	14 (3.1)	13 (2.3)	
Size or configuration of rooms .....	13 (1.1)	13 (1.4)	13 (1.2)	14 (2.3)	12 (2.0)	13 (1.7)	14 (1.9)	8 ! (2.5)	14 (2.9)	12 (2.2)	
In portable buildings³											
Lighting, artificial .....	8 (1.5)	8 (1.9)	5 ! (1.9)	11 ! (4.5)	‡ (†)	10 (2.7)	‡ (†)	# (†)	12 ! (4.3)	11 ! (3.5)	
Lighting, natural .....	9 (1.8)	9 (2.2)	9 (2.4)	11 ! (4.2)	‡ (†)	12 (2.8)	7 ! (2.8)	‡ (†)	14 ! (4.5)	11 ! (3.4)	
Heating .....	9 (1.7)	9 (2.0)	9 (2.4)	11 ! (4.5)	6 ! (2.3)	12 (2.7)	9 ! (3.1)	‡ (†)	10 ! (3.5)	10 ! (3.6)	
Air conditioning .....	11 (2.0)	11 (2.3)	11 (2.6)	15 ! (5.3)	6 ! (2.3)	14 (3.1)	8 ! (3.0)	10 ! (4.5)	14 ! (4.6)	13 (3.8)	
Ventilation .....	14 (1.8)	14 (2.1)	12 (2.7)	20 (5.8)	8 ! (2.4)	16 (3.3)	10 ! (3.2)	8 ! (3.7)	19 (5.0)	17 (3.9)	
Indoor air quality .....	12 (1.9)	11 (2.3)	13 (2.8)	12 ! (4.2)	9 ! (2.9)	14 (3.2)	8 ! (2.8)	‡ (†)	16 (4.6)	14 (3.4)	
Acoustics or noise control .....	18 (2.1)	18 (2.5)	15 (2.8)	23 (4.8)	14 (3.4)	19 (3.4)	12 ! (3.8)	8 ! (3.8)	25 (5.1)	24 (4.3)	
Physical condition of buildings .....	13 (1.9)	14 (2.3)	13 (2.7)	15 ! (5.1)	12 (3.1)	15 (2.9)	10 ! (3.2)	‡ (†)	18 (4.5)	20 (3.9)	
Size or configuration of rooms .....	16 (2.2)	16 (2.4)	16 (2.9)	15 ! (4.9)	16 (3.4)	18 (3.2)	9 ! (3.2)	15 ! (5.5)	16 (4.6)	26 (5.0)	
Percentage distribution of schools											
By extent to which environmental factors interfere with instruction											
In permanent buildings²											
Not at all .....	56 (1.6)	56 (1.9)	58 (2.7)	55 (2.8)	56 (3.1)	59 (2.9)	57 (2.7)	62 (4.4)	51 (3.6)	57 (3.2)	
Minor extent .....	33 (1.4)	34 (1.7)	30 (2.4)	34 (2.8)	33 (2.6)	32 (2.7)	32 (2.8)	32 (4.2)	38 (2.9)	32 (3.1)	
Moderate extent .....	9 (1.0)	9 (1.3)	10 (1.4)	10 (2.0)	10 (1.8)	7 (1.2)	10 (1.9)	6 ! (2.3)	10 (2.5)	8 (2.0)	
Major extent .....	1 ! (0.4)	1 ! (0.4)	2 ! (0.7)	1 ! (0.4)	‡ (†)	2 ! (0.7)	‡ (†)	# (†)	‡ (†)	3 ! (1.0)	
In portable buildings³											
Not at all .....	55 (3.3)	55 (3.7)	58 (4.3)	58 (6.8)	56 (5.7)	53 (4.3)	61 (6.1)	58 (9.3)	54 (6.4)	49 (5.6)	
Minor extent .....	30 (3.1)	31 (3.6)	27 (3.5)	19 (5.4)	34 (5.8)	32 (3.8)	27 (4.7)	34 (8.5)	30 (6.5)	32 (5.5)	
Moderate extent .....	13 (2.1)	12 (2.4)	14 (2.6)	21 (6.0)	10 ! (3.0)	10 (2.7)	13 (3.6)	‡ (†)	13 ! (4.4)	16 (4.5)	
Major extent .....	2 ! (0.8)	‡ (†)	‡ (†)	‡ (†)	# (†)	5 ! (1.9)	# (†)	‡ (†)	‡ (†)	‡ (†)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Excludes special education, vocational, and alternative schools; schools without enrollment data; and schools offering only preprimary education.

<sup>2</sup>Data are based on the 99 percent of public schools with classrooms in permanent buildings.

<sup>3</sup>Data are based on the 33 percent of public schools with classrooms in portable (temporary) buildings.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), "Public School Principals' Perceptions of Their School Facilities: Fall 2005," FRSS 88, 2005, and unpublished tabulations. (This table was prepared June 2007.)

**Table 119. Percentage of public schools with enrollment under, at, or over capacity, by selected school characteristics: 1999 and 2005**  
[Standard errors appear in parentheses]

School enrollment versus design capacity	All public schools <sup>1</sup>	Instructional level		Size of school enrollment			Percent of students eligible for free or reduced-price lunch			
		Elementary	Secondary/ combined	Less than 350	350 to 699	700 or more	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
1	2	3	4	5	6	7	8	9	10	11
<b>1999, total</b> .....	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)
Underenrolled by more than 25 percent .....	19 (1.5)	17 (1.7)	22 (2.5)	39 (4.0)	11 (2.0)	8 (1.7)	16 (2.0)	18 (3.1)	17 (4.1)	27 (4.4)
Underenrolled by 6 to 25 percent .....	33 (1.7)	31 (2.1)	39 (2.9)	32 (3.8)	36 (2.4)	31 (2.8)	38 (2.6)	32 (4.6)	29 (4.6)	25 (4.5)
Enrollment within 5 percent of capacity .....	26 (1.5)	28 (2.0)	20 (2.2)	16 (2.9)	34 (2.6)	25 (2.0)	25 (2.2)	26 (4.4)	32 (4.5)	23 (4.1)
Overenrolled by 6 to 25 percent .....	14 (1.2)	15 (1.5)	11 (1.8)	10 (2.4)	14 (2.0)	20 (1.8)	14 (2.1)	18 (3.6)	14 (3.3)	11 (3.0)
Overenrolled by more than 25 percent .....	8 (0.9)	8 (1.1)	8 (1.6)	3 ! (1.3)	6 (1.3)	16 (2.4)	6 (1.2)	6 (1.8)	7 ! (2.4)	14 (3.4)
<b>2005, total</b> .....	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)	100 (†)
Underenrolled by more than 25 percent .....	21 (1.4)	20 (1.7)	24 (2.6)	41 (3.3)	14 (1.7)	6 (1.4)	19 (2.6)	25 (4.6)	24 (2.7)	19 (3.0)
Underenrolled by 6 to 25 percent .....	38 (1.8)	39 (2.1)	36 (2.6)	39 (3.4)	44 (2.9)	29 (2.4)	38 (2.7)	43 (4.0)	37 (2.8)	36 (4.1)
Enrollment within 5 percent of capacity .....	22 (1.5)	23 (1.9)	21 (1.9)	14 (2.3)	27 (2.5)	26 (2.4)	27 (2.5)	19 (3.3)	18 (3.1)	22 (2.9)
Overenrolled by 6 to 25 percent .....	10 (1.0)	10 (1.4)	11 (1.2)	4 (1.1)	9 (1.9)	20 (2.1)	11 (1.8)	6 ! (2.0)	12 (2.6)	9 (1.6)
Overenrolled by more than 25 percent .....	8 (1.0)	8 (1.3)	8 (1.0)	2 ! (0.9)	6 (1.4)	19 (2.5)	5 (1.0)	7 ! (2.3)	8 (2.2)	14 (2.9)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Excludes special education, vocational, and alternative schools; schools without enrollment data; and schools offering only preprimary education.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), "Condition of America's Public School Facilities, 1999," FRSS 73, 1999, and "Public School Principals' Perceptions of Their School Facilities: Fall 2005," FRSS 88, 2005. (This table was prepared July 2007.)

**Table 120. Number and internet access of instructional computers and rooms in public schools, by selected school characteristics: Selected years, 1995 through 2008**

[Standard errors appear in parentheses]

Instructional computers and rooms, and access	All public schools	Instructional level <sup>1</sup>		Size of school enrollment			Community type <sup>2</sup>				Percent of students eligible for free or reduced-price lunch <sup>3</sup>			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Suburban	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Computers for instructional purposes</b>														
Number (in thousands)														
1995 <sup>4</sup> .....	5,621 (—)	3,453 (—)	2,021 (—)	850 (—)	3,600 (—)	1,171 (—)	1,497 (—)	1,526 (—)	1,404 (—)	1,195 (—)	2,905 (—)	806 (—)	950 (—)	882 (—)
2000.....	8,776 (174)	5,296 (149)	3,271 (113)	1,135 (73)	5,524 (121)	2,117 (103)	2,537 (179)	3,396 (213)	1,155 (132)	1,689 (131)	4,394 (147)	1,373 (93)	1,606 (112)	1,384 (107)
2005.....	12,672 (281)	7,701 (251)	4,783 (148)	1,566 (98)	7,966 (243)	3,139 (163)	3,132 (177)	4,058 (242)	1,819 (193)	3,663 (255)	5,352 (261)	2,193 (185)	2,687 (244)	2,440 (152)
2008.....	15,434 (193)	9,711 (159)	5,415 (125)	1,746 (68)	9,486 (144)	4,202 (130)	3,611 (155)	5,787 (255)	2,062 (159)	3,974 (180)	6,195 (174)	2,364 (155)	3,805 (190)	3,070 (175)
Average number per school														
1995 <sup>4</sup> .....	72 (—)	60 (—)	112 (—)	41 (—)	72 (—)	164 (—)	84 (—)	83 (—)	72 (—)	54 (—)	78 (—)	59 (—)	74 (—)	67 (—)
2000.....	110 (2.0)	89 (2.4)	178 (5.3)	57 (3.1)	106 (2.3)	259 (9.0)	120 (4.9)	128 (4.3)	97 (5.6)	82 (3.6)	120 (3.4)	111 (5.9)	94 (5.7)	99 (5.5)
2005.....	154 (3.4)	124 (3.8)	253 (6.8)	75 (4.2)	149 (4.2)	388 (13.5)	165 (7.2)	170 (6.3)	154 (13.4)	132 (5.9)	166 (5.5)	153 (9.3)	147 (6.9)	139 (7.4)
2008.....	189 (2.9)	157 (2.8)	301 (6.5)	87 (3.4)	179 (2.9)	486 (10.4)	205 (7.5)	221 (6.1)	189 (8.0)	147 (4.2)	209 (5.6)	182 (7.7)	181 (6.8)	170 (8.2)
Number with internet access (in thousands)														
1995 <sup>4</sup> .....	447 (—)	232 (—)	187 (—)	59 (—)	315 (—)	73 (—)	96 (—)	131 (—)	126 (—)	94 (—)	286 (—)	46 (—)	57 (—)	36 (—)
2000.....	6,759 (174)	3,613 (136)	2,779 (113)	882 (69)	4,191 (114)	1,686 (97)	1,782 (148)	2,688 (178)	955 (111)	1,335 (91)	3,608 (139)	1,064 (80)	1,215 (93)	858 (87)
2005.....	12,245 (274)	7,361 (246)	4,706 (151)	1,515 (98)	7,642 (239)	3,089 (162)	3,009 (173)	3,912 (238)	1,784 (193)	3,541 (239)	5,239 (259)	2,090 (176)	2,583 (228)	2,332 (146)
2008.....	15,162 (204)	9,508 (169)	5,356 (128)	1,710 (69)	9,308 (153)	4,144 (130)	3,517 (154)	5,716 (253)	2,028 (154)	3,901 (178)	6,131 (174)	2,321 (153)	3,739 (188)	2,971 (175)
Percent with internet access														
1995 <sup>4</sup> .....	8 (—)	7 (—)	9 (—)	7 (—)	9 (—)	6 (—)	6 (—)	9 (—)	9 (—)	8 (—)	10 (—)	6 (—)	6 (—)	4 (—)
2000.....	77 (1.1)	72 (1.5)	85 (1.2)	78 (2.6)	76 (1.3)	80 (1.8)	70 (2.1)	79 (1.7)	83 (2.5)	79 (2.1)	82 (1.2)	77 (2.9)	76 (2.6)	62 (3.1)
2005.....	97 (0.4)	96 (0.5)	98 (0.4)	97 (0.7)	96 (0.5)	98 (0.5)	96 (0.7)	96 (1.1)	98 (0.6)	97 (0.7)	98 (0.6)	95 (1.0)	96 (1.0)	96 (0.8)
2008.....	98 (0.2)	98 (0.3)	99 (0.2)	98 (0.7)	98 (0.3)	99 (0.4)	97 (0.5)	99 (0.3)	98 (0.7)	98 (0.4)	99 (0.3)	98 (0.5)	98 (0.4)	97 (0.7)
<b>Ratio of students to instructional computers with internet access</b>														
2000.....	6.6 (0.10)	7.8 (0.20)	5.2 (0.20)	3.9 (0.30)	7.0 (0.20)	7.2 (0.30)	8.2 (0.40)	6.6 (0.20)	6.2 (0.30)	5.0 (0.30)	6.0 (0.20)	6.3 (0.40)	7.2 (0.40)	9.1 (0.70)
2005.....	3.8 (0.10)	4.1 (0.10)	3.3 (0.10)	2.4 (0.10)	3.9 (0.10)	4.0 (0.10)	4.2 (0.20)	4.1 (0.10)	3.4 (0.20)	3.0 (0.10)	3.8 (0.10)	3.4 (0.20)	3.6 (0.20)	4.0 (0.20)
2008.....	3.1 (0.04)	3.2 (0.05)	2.9 (0.05)	2.2 (0.07)	3.2 (0.05)	3.2 (0.06)	3.4 (0.12)	3.2 (0.08)	2.7 (0.09)	2.9 (0.07)	3.1 (0.06)	3.2 (0.08)	2.9 (0.08)	3.2 (0.14)
<b>Instructional rooms<sup>5</sup></b>														
Number (in thousands)														
2000.....	2,905 (35)	1,864 (28)	972 (24)	377 (22)	1,871 (23)	657 (23)	866 (56)	1,086 (61)	413 (47)	541 (39)	1,380 (46)	465 (28)	570 (36)	482 (29)
2005.....	3,283 (71)	2,152 (70)	1,078 (27)	426 (23)	2,152 (70)	705 (30)	849 (62)	1,050 (61)	439 (41)	945 (67)	1,339 (50)	593 (51)	695 (56)	655 (39)
2008 <sup>6</sup> .....	2,663 (21)	1,723 (20)	887 (15)	282 (9)	1,692 (20)	689 (18)	639 (26)	1,003 (35)	338 (24)	683 (28)	1,053 (27)	425 (26)	653 (27)	532 (22)
Percent with internet access <sup>5</sup>														
1995.....	8 (0.7)	8 (1.0)	8 (1.0)	9 (1.6)	8 (1.0)	4 (1.0)	6 (1.3)	8 (1.4)	8 (2.0)	8 (1.5)	10 (1.2)	6 (1.4)	6 (1.9)	3 (1.0)
2000.....	77 (1.1)	76 (1.5)	79 (1.6)	83 (2.8)	78 (1.5)	70 (2.2)	66 (2.2)	78 (2.0)	87 (2.6)	85 (1.7)	82 (1.5)	81 (2.9)	77 (2.8)	60 (3.3)
2005.....	94 (1.3)	93 (1.9)	95 (0.9)	92 (1.9)	94 (1.9)	94 (1.5)	88 (3.7)	96 (0.8)	98 (0.7)	95 (1.8)	96 (0.8)	88 (4.3)	96 (0.8)	91 (2.5)
2008.....	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)	— (t)

—Not available

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Data for combined schools are included in the totals and in analyses by other school characteristics, but are not shown separately.<sup>2</sup>Due to definitional changes for community type, estimates for years prior to 2005 may not be directly comparable with estimates for later years.<sup>3</sup>Free or reduced-price lunch information was obtained on the questionnaire and supplemented, if necessary, with data from the Common Core of Data (CCD).<sup>4</sup>Includes computers used for instructional or administrative purposes.<sup>5</sup>In 2008, instructional rooms included classrooms only and excluded computer labs and library/media centers. Prior to 2008, instructional rooms included classrooms, computer labs and other labs, library/media centers, and other rooms used for instructional purposes.<sup>6</sup>Some data differ slightly (e.g., by 1 percent) from previously published figures.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), *Internet Access in U.S. Public Schools and Classrooms: 1994–2005* and *Educational Technology in U.S. Public Schools: Fall 2008*, and unpublished tabulations. (This table was prepared August 2010.)

**Table 121. Percentage of public school districts with students enrolled in technology-based distance education courses and number of enrollments in such courses, by instructional level and district characteristics: 2002–03, 2004–05, and 2009–10**

[Standard errors appear in parentheses]

		Number of enrollments in technology-based distance education courses, <sup>1</sup> by instructional level									
	Percent of districts enrolling distance education students	All instructional levels		Elementary schools		Middle or junior high schools		High schools		Combined or ungraded schools <sup>2</sup>	
District characteristic											
1	2	3		4		5		6		7	
<b>2002–03</b>											
Total.....	<b>36 (1.2)</b>	<b>317,070 (27,437)</b>	<b>2,780 ! (977)</b>	<b>6,390 (1,067)</b>	<b>214,140 (16,549)</b>	<b>93,760 (22,593)</b>					
District enrollment size											
Less than 2,500 .....	37 (1.5)	116,300 (21,698)	‡ (†)	1,250 ! (450)	72,730 (6,924)	42,240 ! (20,502)					
2,500 to 9,999 .....	32 (1.8)	82,370 (6,384)	230 ! (109)	1,870 ! (642)	44,170 (5,832)	36,110 (1,210)					
10,000 or more .....	50 (2.1)	118,390 (15,703)	2,480 ! (968)	3,270 (723)	97,240 (13,853)	‡ (†)					
Region											
Northeast.....	21 (2.2)	41,950 ! (20,821)	100 ! (49)	‡ (†)	17,300 (3,656)	‡ (†)					
Southeast.....	45 (2.6)	59,240 (6,251)	‡ (†)	2,530 (632)	50,640 (5,698)	4,680 (1,254)					
Central.....	46 (2.3)	106,690 (7,726)	940 ! (441)	1,050 ! (412)	59,110 (6,455)	45,590 (2,529)					
West.....	32 (2.2)	109,190 (16,010)	350 ! (165)	2,620 (782)	87,090 (14,825)	19,130 ! (8,619)					
Poverty concentration											
Less than 10 percent .....	33 (2.1)	75,740 (11,177)	‡ (†)	2,020 (564)	55,670 (7,556)	17,470 ! (8,591)					
10 to 19 percent.....	42 (2.1)	95,510 (7,962)	‡ (†)	1,830 (392)	78,680 (7,050)	13,560 (2,446)					
20 percent or more .....	42 (2.5)	86,110 (13,518)	760 ! (249)	2,540 ! (837)	75,930 (13,532)	6,880 (1,557)					
<b>2004–05</b>											
Total.....	<b>37 (1.2)</b>	<b>506,950 (56,959)</b>	<b>12,540 ! (6,107)</b>	<b>15,150 (3,367)</b>	<b>309,630 (24,350)</b>	<b>169,630 ! (51,753)</b>					
District enrollment size											
Less than 2,500 .....	37 (1.6)	210,200 (54,063)	610 ! (275)	‡ (†)	103,190 (17,659)	‡ (†)					
2,500 to 9,999 .....	35 (1.6)	102,730 (13,404)	‡ (†)	2,570 (731)	48,420 (5,136)	45,080 (9,429)					
10,000 or more .....	50 (2.5)	193,440 (16,415)	5,280 ! (2,202)	6,520 (1,101)	157,440 (16,044)	24,210 (5,298)					
Region											
Northeast.....	22 (2.0)	108,300 ! (49,777)	570 ! (206)	‡ (†)	16,860 (2,621)	‡ (†)					
Southeast.....	46 (3.2)	112,830 (6,341)	‡ (†)	5,030 (732)	89,800 (5,276)	16,090 (1,913)					
Central.....	45 (2.4)	128,650 (22,055)	‡ (†)	2,130 ! (953)	70,450 (13,024)	46,190 ! (15,067)					
West.....	35 (2.1)	157,180 (22,608)	200 ! (161)	4,110 ! (1,732)	132,520 (21,287)	20,350 ! (7,587)					
Poverty concentration											
Less than 10 percent .....	35 (1.9)	112,320 (16,778)	‡ (†)	4,070 (1,123)	80,150 (10,651)	‡ (†)					
10 to 19 percent.....	42 (2.2)	151,050 (12,379)	‡ (†)	4,800 (602)	124,540 (10,283)	19,700 (5,835)					
20 percent or more .....	43 (2.7)	106,610 (14,709)	‡ (†)	6,280 ! (3,111)	78,590 (13,367)	21,340 (2,905)					
<b>2009–10</b>											
Total.....	<b>55 (1.4)</b>	<b>1,816,390 (251,054)</b>	<b>78,040 ! (25,180)</b>	<b>154,970 (30,828)</b>	<b>1,348,920 (135,979)</b>	<b>‡ (†)</b>					
District enrollment size											
Less than 2,500 .....	51 (1.8)	509,030 ! (167,570)	‡ (†)	‡ (†)	408,030 ! (123,883)	6,570 ! 2,753					
2,500 to 9,999 .....	66 (1.5)	579,250 ! (185,243)	‡ (†)	23,960 ! (9,196)	312,130 (50,963)	‡ (†)					
10,000 or more .....	74 (0.8)	728,110 (27,105)	11,540 (1,862)	77,750 (4,730)	628,760 (23,545)	10,060 2,756					
Metropolitan status											
City.....	37 (4.0)	653,660 ! (201,665)	‡ (†)	40,400 ! (15,671)	405,740 (79,507)	‡ (†)					
Suburban.....	47 (2.6)	527,250 (34,188)	22,900 ! (11,293)	62,210 (4,106)	434,260 (30,904)	7,880 2,347					
Town.....	67 (2.7)	306,840 ! (145,000)	‡ (†)	‡ (†)	246,850 ! (107,079)	9,310 ! 3,908					
Rural.....	59 (2.5)	328,640 (36,233)	‡ (†)	15,360 (2,420)	262,070 (27,077)	‡ (†)					
Region											
Northeast.....	39 (3.3)	77,670 (7,358)	‡ (†)	4,970 (989)	71,330 (6,651)	‡ (†)					
Southeast.....	78 (3.7)	518,770 (63,187)	12,070 ! (4,154)	57,500 (9,828)	443,770 (50,079)	5,440 ! 1,678					
Central.....	62 (2.2)	697,140 ! (235,103)	37,920 ! (18,915)	‡ (†)	416,550 (122,633)	‡ (†)					
West.....	51 (2.4)	522,810 (42,673)	‡ (†)	41,620 (3,384)	417,270 (33,400)	36,510 ! 14,278					
Poverty concentration											
Less than 10 percent .....	54 (2.5)	287,680 (34,577)	‡ (†)	12,620 (2,997)	231,890 (27,672)	‡ (†)					
10 to 19 percent.....	56 (2.1)	1,009,290 (193,646)	23,540 ! (11,116)	97,220 (16,126)	682,380 (78,795)	‡ (†)					
20 percent or more .....	56 (2.4)	519,420 (146,507)	‡ (†)	‡ (†)	434,640 (108,046)	5,750 ! 2,484					

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Based on students regularly enrolled in the districts. Enrollments may include duplicated counts of students, since districts were instructed to count a student enrolled in multiple courses for each course in which he or she was enrolled.

<sup>2</sup>Combined or ungraded schools are those in which the grades offered in the school span both elementary and secondary grades or that are not divided into grade levels.

NOTE: Percentages are based on unrounded numbers. For the 2002–03 FRSS study sample, there were 3 cases for which district enrollment size was missing and 112 cases for which poverty concentration was missing. For the 2004–05 FRSS study sample, there were 7 cases for which district enrollment size was missing and 103 cases for which poverty concentration was missing. Detail may not sum to totals because of rounding or missing data. SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System (FRSS), *Technology-Based Distance Education Courses for Public Elementary and Secondary Schools: 2002–03 and 2004–05* and “Distance Education Courses for Public Elementary and Secondary School Students: 2009–10,” FRSS 98. (This table was prepared November 2011.)













**Table 127. Number of people taking the general educational development (GED) test and percentage distribution of those who passed, by age group: 1971 through 2011**

Year	Number of test takers (in thousands)			Percentage distribution of test passers, by age group <sup>1</sup>				
	Total <sup>2</sup>	Completing test battery <sup>3</sup>	Passing tests <sup>4</sup>	16 to 18 years old	19 to 24 years old	25 to 29 years old	30 to 34 years old	35 years old or over
1	2	3	4	5	6	7	8	9
1971 <sup>5</sup> .....	377	—	227	—	—	—	—	—
1972 <sup>5</sup> .....	419	—	245	—	—	—	—	—
1973 <sup>5</sup> .....	423	—	249	—	—	—	—	—
1974.....	—	—	294	35 <sup>6</sup>	27 <sup>6</sup>	13	9	17
1975.....	—	—	340	33 <sup>6</sup>	26 <sup>6</sup>	14	9	18
1976.....	—	—	333	31 <sup>6</sup>	28 <sup>6</sup>	14	10	17
1977.....	—	—	330	40 <sup>6</sup>	24 <sup>6</sup>	13	8	14
1978.....	—	—	381	31 <sup>6</sup>	27 <sup>6</sup>	13	10	18
1979.....	—	—	426	37 <sup>6</sup>	28 <sup>6</sup>	12	13	11
1980.....	—	—	479	37 <sup>6</sup>	27 <sup>6</sup>	13	8	15
1981.....	—	—	489	37 <sup>6</sup>	27 <sup>6</sup>	13	8	14
1982.....	—	—	486	37 <sup>6</sup>	28 <sup>6</sup>	13	8	15
1983.....	—	—	465	34 <sup>6</sup>	29 <sup>6</sup>	14	8	15
1984.....	—	—	427	32 <sup>6</sup>	28 <sup>6</sup>	15	9	16
1985.....	—	—	413	32 <sup>6</sup>	26 <sup>6</sup>	15	10	16
1986.....	—	—	428	32 <sup>6</sup>	26 <sup>6</sup>	15	10	17
1987.....	—	—	444	33 <sup>6</sup>	24 <sup>6</sup>	15	10	18
1988.....	—	—	410	35 <sup>6</sup>	22 <sup>6</sup>	14	10	18
1989.....	632	541	357	22	37	13	—	—
1990.....	714	615	410	22	39	13	10	15
1991.....	755	657	462	20	40	13	10	16
1992.....	739	639	457	22	39	13	9	17
1993.....	746	651	469	22	38	13	10	16
1994.....	774	668	491	25	37	13	9	15
1995.....	787	682	504	27	36	13	9	15
1996.....	824	716	488	27	37	13	9	14
1997.....	785	681	460	31	36	12	8	13
1998.....	776	673	481	32	36	11	7	13
1999.....	808	702	498	32	37	11	7	13
2000.....	811	699	487	33	37	11	7	13
2001 <sup>7</sup> .....	1,016	928	648	29	38	11	8	14
2002 <sup>7</sup> .....	557	467	330	38	36	10	6	11
2003.....	657	552	387	35	37	10	7	11
2004.....	666	570	406	35	38	11	6	10
2005.....	681	588	424	34	37	12	7	11
2006.....	676	580	398	35	36	12	6	11
2007.....	692	600	429	35	35	12	7	11
2008.....	737	642	469	34	35	13	7	11
2009.....	748	645	448	31	36	13	8	12
2010.....	720	623	452	27	37	14	9	14
2011.....	691	602	434	27	37	13	9	14

—Not available.

<sup>1</sup>Age data for 1988 and prior years are for all test takers and may not be comparable to data for later years. For 1989 and later years, age data are only for test passers. The less than 1 percent of people who failed to report their date of birth—136 of the 434,126 test passers in 2011—were excluded from the calculation.

<sup>2</sup>All people taking the GED tests (one or more subtests).

<sup>3</sup>People completing the entire GED battery of five tests.

<sup>4</sup>Data for 2002 and later years are for people passing the GED tests (i.e., earning both a passing total score on the test battery and a passing score on each individual test). Data for 2001 and prior years are for high school equivalency credentials issued by the states to GED test passers. In order to receive high school equivalency credentials in some states, GED test passers must meet additional state requirements (e.g., complete an approved course in civics or government).

<sup>5</sup>Includes other jurisdictions, such as Puerto Rico, Guam, and American Samoa.

<sup>6</sup>For 1988 and prior years, 19-year-olds are included with the 16- to 18-year-olds instead of the 19- to 24-year-olds.

<sup>7</sup>A revised GED test was introduced in 2002. In 2001, test takers were required to successfully complete all five components of the GED or else begin the five-part series again with the new test that was introduced in 2002.

NOTE: Data are for the United States only and exclude other jurisdictions, except where noted. Detail may not sum to totals because of rounding.

SOURCE: American Council on Education, General Educational Development Testing Service, the GED annual *Statistical Report*, 1971 through 1992; *Who Took the GED?* 1993 through 2001; *Who Passed the GED Tests?* 2002 through 2005; and *GED Testing Program Statistical Report*, 2006 through 2011, retrieved July 15, 2012, from <http://www.gedtesting-service.com/educators/historical-testing-data>. (This table was prepared July 2012.)







**Table 130. Percentage of high school dropouts among persons 16 through 24 years old (status dropout rate) and number of status dropouts, by noninstitutionalized or institutionalized status, birth in or outside of the United States, and selected characteristics: 2010**

[Standard errors appear in parentheses]

Selected characteristic	Total status dropout rate		Noninstitutionalized population <sup>1</sup>								Institutionalized population <sup>2</sup>					
			Number of status dropouts	Percentage distribution of status dropouts		Status dropout rate						Number of status dropouts		Status dropout rate		
						Total for noninstitutionalized population	For those born in the United States <sup>3</sup>		For those born outside of the United States <sup>3</sup>							
1	2		3		4		5		6		7		8		9	
<b>Total .....</b>	<b>8.3</b>	<b>(0.08)</b>	<b>3,098,150</b>	<b>(30,678)</b>	<b>100.0</b>	<b>(†)</b>	<b>7.9</b>	<b>(0.08)</b>	<b>6.5</b>	<b>(0.06)</b>	<b>18.4</b>	<b>(0.30)</b>	<b>196,340</b>	<b>(4,610)</b>	<b>37.4</b>	<b>(0.74)</b>
Sex .....																
Male .....	10.0	(0.10)	1,840,700	(20,936)	59.4	(0.35)	9.3	(0.10)	7.4	(0.08)	22.3	(0.41)	179,420	(4,561)	38.6	(0.82)
Female .....	6.6	(0.08)	1,257,450	(16,740)	40.6	(0.35)	6.5	(0.09)	5.6	(0.08)	13.8	(0.31)	16,920	(1,411)	27.9	(2.02)
Race/ethnicity .....																
White .....	5.3	(0.07)	1,141,870	(14,277)	36.9	(0.33)	5.1	(0.06)	5.2	(0.06)	4.0	(0.32)	49,490	(2,422)	28.8	(1.24)
Black .....	10.3	(0.17)	504,660	(9,563)	16.3	(0.31)	9.1	(0.17)	9.3	(0.18)	5.8	(0.53)	86,370	(3,009)	42.0	(1.05)
Hispanic .....	16.7	(0.26)	1,286,750	(21,222)	41.5	(0.44)	16.3	(0.26)	9.8	(0.21)	30.7	(0.49)	51,990	(2,217)	44.1	(1.51)
Asian .....	2.8	(0.16)	50,940	(2,878)	1.6	(0.09)	2.8	(0.16)	1.9	(0.19)	3.7	(0.25)	1,550	(405)	28.1	(6.20)
Native Hawaiian/Pacific Islander .....	4.8	(0.95)	3,520	(763)	0.1	(0.02)	4.5	(0.95)	3.8 †	(1.21)	6.0 †	(1.80)	‡	(†)	‡	(†)
American Indian/Alaska Native .....	15.4	(0.80)	46,300	(2,515)	1.5	(0.08)	14.9	(0.79)	15.0	(0.80)	‡	(†)	2,900	(540)	38.9	(6.46)
Two or more races .....	6.1	(0.30)	56,480	(3,177)	1.8	(0.10)	5.8	(0.30)	5.9	(0.31)	5.0	(1.15)	3,550	(614)	23.3	(3.68)
Race/ethnicity by sex .....																
Male .....																
White .....	6.1	(0.09)	655,160	(9,646)	35.6	(0.43)	5.8	(0.09)	5.8	(0.09)	4.8	(0.48)	41,110	(2,216)	29.1	(1.41)
Black .....	12.7	(0.26)	283,800	(7,010)	15.4	(0.37)	10.5	(0.26)	10.8	(0.26)	6.2	(0.82)	82,320	(3,015)	43.8	(1.23)
Hispanic .....	20.2	(0.34)	806,820	(15,158)	43.8	(0.50)	19.5	(0.34)	11.3	(0.27)	35.8	(0.65)	48,320	(2,052)	44.6	(1.54)
Asian .....	3.4	(0.25)	30,040	(2,259)	1.6	(0.13)	3.2	(0.24)	2.2	(0.29)	4.3	(0.39)	1,520	(404)	30.8	(6.62)
Native Hawaiian/Pacific Islander .....	4.9	(1.05)	1,670	(426)	0.1	(0.02)	4.3	(1.07)	2.7 †	(0.96)	7.6 †	(2.82)	‡	(†)	‡	(†)
American Indian/Alaska Native .....	17.6	(1.34)	25,910	(2,241)	1.4	(0.12)	16.6	(1.35)	16.8	(1.36)	‡	(†)	2,620	(510)	40.8	(6.55)
Two or more races .....	7.3	(0.49)	32,790	(2,536)	1.8	(0.14)	6.9	(0.50)	7.0	(0.56)	5.5	(1.18)	3,040	(568)	21.8	(3.79)
Female .....																
White .....	4.5	(0.09)	486,710	(9,652)	38.7	(0.59)	4.4	(0.09)	4.5	(0.09)	3.1	(0.35)	8,380	(1,021)	27.3	(2.75)
Black .....	7.8	(0.23)	220,860	(6,429)	17.6	(0.48)	7.7	(0.23)	7.9	(0.24)	5.5	(0.68)	4,040	(595)	23.0	(3.68)
Hispanic .....	12.8	(0.27)	479,930	(10,241)	38.2	(0.60)	12.7	(0.27)	8.3	(0.26)	24.0	(0.56)	3,670	(654)	39.1	(5.83)
Asian .....	2.3	(0.20)	20,890	(1,775)	1.7	(0.14)	2.3	(0.20)	1.5	(0.22)	3.1	(0.31)	‡	(†)	‡	(†)
Native Hawaiian/Pacific Islander .....	4.8 †	(1.60)	1,850 †	(631)	0.1 †	(0.05)	4.8 †	(1.60)	5.0 †	(2.19)	‡	(†)	#	(†)	#	(†)
American Indian/Alaska Native .....	13.2	(1.15)	20,390	(1,818)	1.6	(0.14)	13.1	(1.14)	13.2	(1.16)	‡	(†)	‡	(†)	‡	(†)
Two or more races .....	4.9	(0.41)	23,690	(2,134)	1.9	(0.17)	4.9	(0.42)	4.9	(0.45)	4.5 †	(1.66)	‡	(†)	‡	(†)
Age .....																
16 .....	2.5	(0.09)	104,090	(3,825)	3.4	(0.12)	2.4	(0.09)	2.3	(0.09)	4.3	(0.41)	5,550	(1,344)	15.5	(3.47)
17 .....	4.0	(0.12)	162,760	(5,159)	5.3	(0.16)	3.8	(0.12)	3.5	(0.11)	7.3	(0.53)	7,650	(1,372)	17.9	(2.90)
18 .....	6.7	(0.14)	302,500	(6,636)	9.8	(0.19)	6.5	(0.14)	5.8	(0.14)	12.6	(0.75)	13,730	(1,200)	36.7	(2.46)
19 .....	8.9	(0.19)	371,570	(8,362)	12.0	(0.23)	8.5	(0.18)	7.5	(0.17)	16.9	(0.75)	23,710	(1,723)	43.7	(2.29)
20–24 .....	10.6	(0.10)	2,157,240	(22,873)	69.6	(0.32)	10.1	(0.10)	8.1	(0.08)	22.4	(0.42)	145,710	(3,847)	41.0	(0.93)
Region .....																
Northeast .....	6.3	(0.13)	407,520	(8,722)	13.2	(0.25)	5.9	(0.12)	4.7	(0.13)	13.4	(0.53)	30,040	(2,461)	36.7	(2.59)
Midwest .....	7.2	(0.12)	569,100	(10,593)	18.4	(0.29)	6.8	(0.12)	6.2	(0.11)	15.0	(0.76)	35,840	(2,153)	33.5	(1.70)
South .....	9.6	(0.13)	1,319,310	(18,853)	42.6	(0.45)	9.2	(0.13)	7.6	(0.11)	21.2	(0.49)	88,670	(2,960)	39.8	(1.16)
West .....	8.9	(0.14)	802,220	(13,257)	25.9	(0.34)	8.6	(0.14)	6.5	(0.12)	19.8	(0.46)	41,790	(2,253)	36.7	(1.85)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Persons living in households as well as persons living in noninstitutionalized group quarters. Noninstitutionalized group quarters include college and university housing, military quarters, facilities for workers and religious groups, and temporary shelters for the homeless.<sup>2</sup>Persons living in institutionalized group quarters, including adult and juvenile correctional facilities, nursing facilities, and other health care facilities.<sup>3</sup>United States refers to the 50 states and the District of Columbia.

NOTE: "Status" dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school and whether they ever attended school in the United States. People who have received GED credentials are counted as high school completers. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity. Status dropout rates in this table may differ from those in tables based on the Current Population Survey (CPS) because of differences in survey design and target populations.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2010. (This table was prepared September 2012.)

**Table 131. Number of 14- through 21-year-old students served under Individuals with Disabilities Education Act, Part B, who exited school, by exit reason, age, and type of disability: 2008–09 and 2009–10**

Year, age, and type of disability	Exiting school						Transferred to regular education <sup>3</sup>	Moved, known to be continuing <sup>4</sup>
	Total	Graduated with diploma	Received a certificate of attendance	Reached maximum age <sup>1</sup>	Dropped out <sup>2</sup>	Died		
1	2	3	4	5	6	7	8	9
<b>2008–09<sup>5</sup></b>								
<b>Total .....</b>	<b>407,441</b>	<b>246,990</b>	<b>61,486</b>	<b>6,107</b>	<b>91,198</b>	<b>1,660</b>	<b>66,211</b>	<b>218,964</b>
<b>Age</b>								
14 .....	3,658	40	17	†	3,366	235	16,937	42,164
15 .....	7,784	88	36	†	7,394	266	14,867	48,895
16 .....	22,057	3,062	932	†	17,747	316	14,188	50,699
17 .....	151,382	105,331	18,505	†	27,202	344	12,446	43,532
18 .....	152,942	104,261	24,337	882	23,230	232	5,815	23,990
19 .....	42,767	24,113	9,282	498	8,738	136	1,336	6,809
20 .....	15,626	6,643	4,714	1,427	2,754	88	452	2,112
21 .....	11,225	3,452	3,663	3,300	767	43	170	763
<b>Type of disability</b>								
Autism .....	9,892	6,374	2,390	488	609	31	1,017	3,570
Deaf-blindness .....	77	49	8	10	7	3	4	27
Emotional disturbance .....	45,813	21,729	4,769	565	18,587	163	7,061	44,841
Hearing impairments .....	4,893	3,510	785	75	515	8	736	1,876
Intellectual disability .....	42,908	16,606	15,313	2,204	8,500	285	2,021	19,498
Multiple disabilities .....	8,916	4,286	2,299	705	1,323	303	316	4,052
Orthopedic impairments .....	3,807	2,330	706	146	520	105	472	1,334
Other health impairments <sup>6</sup> .....	46,422	31,248	5,204	282	9,460	228	9,519	23,741
Specific learning disabilities .....	230,461	151,016	28,190	1,473	49,294	488	35,365	112,511
Speech or language impairments .....	10,085	6,887	1,236	44	1,895	23	9,326	6,099
Traumatic brain injury .....	2,416	1,641	363	76	320	16	147	810
Visual impairments .....	1,751	1,314	223	39	168	7	227	605
<b>2009–10</b>								
<b>Total .....</b>	<b>408,642</b>	<b>255,800</b>	<b>59,973</b>	<b>5,071</b>	<b>86,244</b>	<b>1,554</b>	<b>66,782</b>	<b>199,833</b>
<b>Age</b>								
14 .....	3,226	5	5	†	3,024	192	16,898	38,790
15 .....	6,741	44	26	†	6,445	226	15,247	43,303
16 .....	19,878	3,243	823	†	15,504	308	14,785	44,988
17 .....	149,616	108,083	16,664	†	24,542	327	12,141	39,687
18 .....	153,432	107,004	23,524	8	22,670	226	5,715	22,826
19 .....	46,315	26,623	9,703	65	9,796	128	1,369	7,119
20 .....	17,908	7,766	5,299	1,354	3,392	97	430	2,401
21 .....	11,526	3,032	3,929	3,644	871	50	197	719
<b>Type of disability</b>								
Autism .....	12,295	8,145	2,730	567	816	37	1,820	3,852
Deaf-blindness .....	90	54	17	5	12	2	8	35
Emotional disturbance .....	45,659	22,806	4,706	365	17,654	128	7,084	40,578
Hearing impairments .....	4,768	3,421	793	52	488	14	660	1,649
Intellectual disability .....	41,709	16,966	14,389	2,101	7,987	266	1,854	16,521
Multiple disabilities .....	8,919	4,245	2,511	626	1,238	299	286	3,826
Orthopedic impairments .....	3,762	2,361	691	151	467	92	432	1,282
Other health impairments <sup>6</sup> .....	49,743	34,400	5,383	200	9,515	245	9,890	24,428
Specific learning disabilities .....	227,048	153,017	26,899	871	45,846	415	33,983	100,786
Speech or language impairments .....	10,357	7,287	1,256	37	1,760	17	10,321	5,564
Traumatic brain injury .....	2,480	1,687	397	66	309	21	229	798
Visual impairments .....	1,812	1,411	201	30	152	18	215	514

†Not applicable.

<sup>1</sup>Students may exit special education services due to maximum age beginning at age 18 depending on state law or practice or order of any court.

<sup>2</sup>"Dropped out" is defined as the total who were enrolled at some point in the reporting year, were not enrolled at the end of the reporting year, and did not exit for any of the other reasons described. Includes students previously categorized as "moved, not known to continue."

<sup>3</sup>"Transferred to regular education" was previously labeled "no longer receives special education."

<sup>4</sup>"Moved, known to be continuing" is the total number of students who moved out of the administrative area or transferred to another district and are known to be continuing in an educational program.

<sup>5</sup>Data do not include Vermont, for which 2008–09 data were not available. In 2009–10, a total of 1,007 students with disabilities exited school in Vermont, 342 transferred to regular education, and 421 moved and are known to be continuing in an educational program.

<sup>6</sup>Other health impairments include having limited strength, vitality, or alertness due to chronic or acute health problems such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes.

NOTE: Data are for the 50 states, the District of Columbia, and the Bureau of Indian Education schools.

SOURCE: U.S. Department of Education, Office of Special Education Programs, Individuals with Disabilities Education Act (IDEA) database. Retrieved June 6, 2012, from <http://tadnet.public.tadnet.org/pages/712>. (This table was prepared June 2012.)

**Table 132. Percentage of children demonstrating specific cognitive and motor skills at about 9 months of age, by child's age and selected characteristics: 2001–02**

[Standard errors appear in parentheses]

Age and selected characteristic	Number of children (in thousands)	Percentage distribution of children	Percent of children who demonstrate skills <sup>1</sup>										
			Specific cognitive skills					Specific motor skills					
			Explores objects <sup>2</sup>	Explores purposefully <sup>3</sup>	Jabbers expressively <sup>4</sup>	Early problem solving <sup>5</sup>	Names objects <sup>6</sup>	Eye-hand coordination <sup>7</sup>	Sitting <sup>8</sup>	Prewalking <sup>9</sup>	Stands alone <sup>10</sup>	Skillful walking <sup>11</sup>	Balance <sup>12</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>8 through 10 months</b>													
Total .....	2,882 (39.1)	100.0 (†)	98.6 (0.06)	83.2 (0.54)	29.6 (0.57)	3.7 (0.13)	0.6 (0.03)	89.1 (0.26)	86.8 (0.24)	64.7 (0.60)	18.6 (0.50)	8.4 (0.21)	1.7 (0.09)
Sex of child													
Male .....	1,460 (23.0)	50.7 (0.38)	98.6 (0.06)	82.7 (0.51)	28.8 (0.56)	3.5 (0.14)	0.6 (0.03)	89.3 (0.30)	87.0 (0.27)	65.1 (0.69)	18.5 (0.55)	8.3 (0.23)	1.7 (0.10)
Female .....	1,422 (22.0)	49.3 (0.38)	98.7 (0.09)	83.8 (0.68)	30.4 (0.71)	3.9 (0.18)	0.7 (0.05)	88.9 (0.36)	86.6 (0.33)	64.4 (0.78)	18.7 (0.67)	8.4 (0.29)	1.8 (0.14)
Race/ethnicity of child													
White .....	1,569 (29.2)	54.5 (0.63)	98.8 (0.07)	84.0 (0.69)	30.4 (0.72)	3.9 (0.17)	0.7 (0.04)	88.8 (0.37)	86.5 (0.33)	63.8 (0.81)	18.0 (0.66)	8.1 (0.27)	1.6 (0.10)
Black .....	381 (11.1)	13.3 (0.38)	98.1 (0.16)	80.8 (0.92)	27.8 (0.99)	3.3 (0.25)	0.6 (0.07)	91.0 (0.33)	88.6 (0.32)	69.7 (0.94)	22.8 (1.15)	10.4 (0.58)	2.6 (0.35)
Hispanic .....	717 (18.5)	24.9 (0.54)	98.5 (0.13)	82.9 (0.82)	29.0 (0.84)	3.4 (0.21)	0.6 (0.05)	88.4 (0.47)	86.1 (0.43)	63.4 (1.00)	17.0 (0.77)	7.8 (0.32)	1.6 (0.15)
Asian .....	79 (3.1)	2.7 (0.10)	98.8 (0.13)	83.3 (0.96)	28.2 (0.92)	3.1 (0.20)	0.5 (0.04)	89.5 (0.53)	87.1 (0.49)	65.2 (1.21)	18.2 (1.00)	8.2 (0.39)	1.6 (0.14)
Pacific Islander .....	6 (1.5)	0.2 (0.05)	98.9 (0.23)	81.8 (3.58)	23.8 (3.22)	2.0 (0.47)	0.3 (0.07)	95.4 (0.97)	93.0 (1.13)	79.9 (3.81)	34.8 (8.69)	15.1 (3.90)	3.9 ! (1.67)
American Indian/Alaska Native .....	10 (1.1)	0.4 (0.04)	98.4 (0.30)	80.3 (2.72)	27.2 (2.49)	3.4 (0.70)	0.6 (0.18)	90.2 (0.99)	87.8 (0.91)	66.8 (2.15)	19.6 (2.08)	8.4 (0.80)	1.5 (0.29)
Two or more races .....	115 (9.8)	4.0 (0.33)	98.6 (0.14)	83.0 (1.24)	29.8 (1.51)	3.9 (0.55)	0.8 (0.21)	90.0 (0.94)	87.8 (0.87)	67.7 (2.20)	22.1 (2.03)	9.6 (0.79)	2.0 (0.30)
Months of age													
8 months .....	642 (32.8)	29.5 (0.90)	97.5 (0.14)	67.9 (1.04)	15.7 (0.53)	1.1 (0.09)	0.1 (0.02)	84.0 (0.52)	82.0 (0.46)	52.7 (1.08)	8.8 (0.63)	4.5 (0.22)	0.5 (0.05)
9 months .....	1,389 (28.2)	22.3 (0.99)	98.7 (0.06)	84.5 (0.43)	27.5 (0.44)	2.7 (0.09)	0.4 (0.02)	89.1 (0.32)	86.7 (0.30)	64.2 (0.74)	16.1 (0.55)	7.2 (0.21)	1.2 (0.07)
10 months .....	851 (24.2)	48.2 (0.76)	99.3 (0.07)	92.7 (0.33)	43.5 (0.74)	7.1 (0.27)	1.4 (0.08)	92.8 (0.26)	90.5 (0.25)	74.6 (0.63)	30.1 (0.85)	13.3 (0.42)	3.6 (0.25)
Primary type of nonparental care arrangement <sup>13</sup>													
No regular nonparental arrangement .....	1,459 (28.0)	50.7 (0.90)	98.5 (0.09)	82.4 (0.59)	28.7 (0.55)	3.4 (0.14)	0.6 (0.04)	88.2 (0.34)	86.0 (0.30)	63.1 (0.70)	17.7 (0.52)	8.0 (0.22)	1.6 (0.10)
Home-based care													
Relative care <sup>14</sup> .....	759 (27.1)	26.4 (0.81)	98.8 (0.08)	84.3 (0.67)	30.6 (0.79)	3.9 (0.22)	0.7 (0.06)	90.3 (0.35)	87.9 (0.33)	67.3 (0.84)	20.4 (0.81)	9.2 (0.38)	2.0 (0.19)
Nonrelative care <sup>15</sup> .....	430 (17.1)	14.9 (0.53)	98.8 (0.08)	84.7 (0.80)	31.3 (1.00)	4.3 (0.29)	0.8 (0.08)	90.0 (0.45)	87.6 (0.45)	66.1 (1.14)	19.3 (1.35)	8.7 (0.58)	1.8 (0.23)
Center-based care <sup>16</sup> .....	211 (13.9)	7.3 (0.48)	98.6 (0.19)	82.8 (1.43)	29.3 (1.54)	3.5 (0.39)	0.6 (0.09)	89.0 (0.77)	86.7 (0.71)	64.0 (1.72)	18.0 (1.51)	8.3 (0.66)	1.9 (0.32)
Multiple arrangements <sup>17</sup> .....	19 (4.0)	0.7 (0.14)	98.1 (0.36)	77.5 (3.54)	24.8 (3.12)	2.8 (0.65)	0.4 (0.12)	86.8 (2.89)	84.6 (2.55)	61.8 (5.09)	14.4 (2.71)	6.4 (0.94)	0.9 (0.19)
Parents' highest level of education													
Less than high school .....	388 (12.4)	13.5 (0.42)	98.4 (0.11)	80.0 (0.87)	25.9 (0.79)	2.8 (0.20)	0.5 (0.06)	88.9 (0.62)	86.5 (0.58)	64.4 (1.20)	17.3 (0.96)	8.0 (0.42)	1.7 (0.20)
High school completion .....	702 (19.8)	24.4 (0.60)	98.4 (0.13)	82.6 (0.89)	29.2 (0.81)	3.6 (0.21)	0.7 (0.06)	89.6 (0.45)	87.3 (0.42)	66.8 (0.91)	20.6 (0.84)	9.1 (0.36)	1.9 (0.17)
Some college/vocational .....	847 (24.8)	29.4 (0.68)	98.7 (0.08)	84.4 (0.60)	30.8 (0.69)	3.9 (0.20)	0.7 (0.05)	90.0 (0.35)	87.7 (0.33)	66.7 (0.84)	20.8 (0.82)	9.3 (0.35)	2.0 (0.16)
Bachelor's degree .....	497 (16.2)	17.3 (0.54)	98.8 (0.07)	83.9 (0.60)	30.2 (0.71)	3.8 (0.20)	0.7 (0.05)	88.4 (0.46)	86.1 (0.41)	62.5 (1.05)	16.3 (0.85)	7.4 (0.34)	1.4 (0.12)
Any graduate education .....	446 (15.7)	15.5 (0.52)	98.8 (0.11)	84.0 (0.94)	30.4 (0.88)	3.8 (0.22)	0.7 (0.06)	87.5 (0.58)	85.4 (0.52)	60.5 (1.23)	15.2 (0.91)	7.0 (0.40)	1.4 (0.18)
Poverty status <sup>18</sup>													
Below poverty threshold .....	682 (23.0)	23.7 (0.74)	98.3 (0.14)	80.9 (0.75)	27.1 (0.79)	3.1 (0.21)	0.5 (0.05)	89.1 (0.47)	86.8 (0.43)	65.5 (0.98)	19.2 (0.86)	8.7 (0.42)	1.9 (0.24)
At or above poverty threshold .....	2,200 (37.2)	76.3 (0.74)	98.7 (0.07)	84.0 (0.58)	30.4 (0.63)	3.8 (0.15)	0.7 (0.04)	89.1 (0.27)	86.8 (0.25)	64.5 (0.66)	18.4 (0.56)	8.3 (0.23)	1.7 (0.10)
Socioeconomic status <sup>19</sup>													
Lowest 20 percent .....	557 (16.8)	19.3 (0.58)	98.3 (0.13)	80.7 (0.72)	26.8 (0.69)	3.0 (0.17)	0.5 (0.04)	89.1 (0.46)	86.7 (0.43)	65.4 (0.90)	18.8 (0.83)	8.5 (0.35)	1.8 (0.18)
Middle 60 percent .....	1,719 (38.2)	59.7 (0.83)	98.6 (0.08)	83.5 (0.63)	30.2 (0.67)	3.8 (0.18)	0.7 (0.05)	89.5 (0.30)	87.2 (0.28)	65.6 (0.73)	19.6 (0.67)	8.8 (0.28)	1.9 (0.11)
Highest 20 percent .....	606 (18.4)	21.0 (0.63)	98.8 (0.09)	84.8 (0.73)	30.5 (0.79)	3.8 (0.18)	0.6 (0.04)	88.0 (0.45)	85.8 (0.40)	61.5 (0.96)	15.6 (0.66)	7.1 (0.28)	1.3 (0.13)

See notes at end of table.

**Table 132. Percentage of children demonstrating specific cognitive and motor skills at about 9 months of age, by child's age and selected characteristics: 2001–02—Continued**  
[Standard errors appear in parentheses]

Age and selected characteristic	Number of children (in thousands)	Percentage distribution of children	Percent of children who demonstrate skills <sup>1</sup>										
			Specific cognitive skills					Specific motor skills					
			Explores objects <sup>2</sup>	Explores purposefully <sup>3</sup>	Jabbers expressively <sup>4</sup>	Early problem solving <sup>5</sup>	Names objects <sup>6</sup>	Eye-hand coordination <sup>7</sup>	Sitting <sup>8</sup>	Prewalking <sup>9</sup>	Stands alone <sup>10</sup>	Skillful walking <sup>11</sup>	Balance <sup>12</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>11 through 13 months</b>													
<b>Total</b> .....	<b>839 (32.2)</b>	<b>100.0 (†)</b>	<b>99.7 (0.05)</b>	<b>97.3 (0.15)</b>	<b>67.9 (0.54)</b>	<b>22.5 (0.55)</b>	<b>8.2 (0.37)</b>	<b>97.1 (0.17)</b>	<b>95.6 (0.19)</b>	<b>89.0 (0.54)</b>	<b>62.5 (1.29)</b>	<b>34.9 (0.95)</b>	<b>19.1 (0.84)</b>
Months of age													
11 months.....	425 (19.6)	50.6 (1.54)	99.5 (0.10)	95.8 (0.28)	57.6 (0.77)	14.2 (0.59)	4.0 (0.33)	95.8 (0.28)	93.9 (0.29)	84.4 (0.86)	49.0 (1.74)	24.3 (1.05)	10.5 (0.77)
12 months.....	251 (14.8)	30.0 (1.29)	99.8 (0.03)	98.4 (0.13)	74.3 (0.83)	26.9 (0.94)	10.2 (0.65)	98.1 (0.21)	96.8 (0.26)	92.6 (0.71)	70.9 (2.09)	40.2 (1.65)	22.9 (1.50)
13 months.....	163 (12.1)	19.4 (1.16)	100.0 (†)	99.5 (0.08)	85.0 (0.62)	37.7 (1.04)	16.0 (0.87)	99.0 (0.27)	98.2 (0.30)	95.8 (0.85)	84.8 (2.24)	54.4 (1.81)	36.0 (1.83)
<b>14 through 22 months</b> .....	<b>260 (19.7)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>99.5 (0.14)</b>	<b>90.0 (0.60)</b>	<b>58.4 (1.44)</b>	<b>40.8 (1.71)</b>	<b>99.5 (0.12)</b>	<b>99.1 (0.13)</b>	<b>98.3 (0.28)</b>	<b>94.1 (0.91)</b>	<b>74.0 (1.35)</b>	<b>61.7 (1.82)</b>

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Based on assessments collected using the Bayley Short Form Research Edition (BSF-R), a shortened field method of administering the Bayley Scales of Infant Development-II (BSID-II) (Bayley 1993). The scores are fully equated with the BSID-II; for more information, see NCES's *Early Childhood Longitudinal Study, Birth Cohort (ECLS-B) Psychometric Report for the 2-year Data Collection*. The proficiency probabilities indicate mastery of a specific skill or ability within cognitive or physical domains.

<sup>2</sup>Ability to explore objects, for example, reaching for and holding objects. The child may have no specific purpose except to play or discover.

<sup>3</sup>Ability to explore objects with a purpose, such as to explore a bell to understand the source of the sound.

<sup>4</sup>Measures proficiency in communication through diverse nonverbal sounds and gestures, such as vowel and vowel-consonant sounds.

<sup>5</sup>Measures proficiency in engaging in early problem solving, such as using a tool to reach an out-of-reach toy or locating a hidden toy.

<sup>6</sup>Measures proficiency in early communication skills, such as saying simple words like "mama" and "dada."

<sup>7</sup>Measures proficiency in being able to use visual tracking to guide hand movements to pick up a small object.

<sup>8</sup>Measures proficiency in ability to maintain control of the muscles used in sitting with and without support.

<sup>9</sup>Measures proficiency in ability to engage in various prewalking types of mobility, with and without support, such as shifting weight from one foot to the other.

<sup>10</sup>Measures proficiency in ability to walk with help and to stand independently.

<sup>11</sup>Measures proficiency in being able to walk independently.

<sup>12</sup>Measures proficiency in ability to maintain balance while changing position.

<sup>13</sup>The type of nonparental care in which the child spent the most hours.

<sup>14</sup>Care provided in the child's home or in another private home by a relative (excluding parents).

<sup>15</sup>Care provided in the child's home or in another private home by a person unrelated to the child.

<sup>16</sup>Care provided in places such as early learning centers, nursery schools, and preschools.

<sup>17</sup>Children who spent an equal amount of time in each of two or more types of arrangements.

<sup>18</sup>Poverty status based on Census Bureau guidelines from 2002, which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2002, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$18,392.

<sup>19</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations, and family income.

NOTE: Estimates weighted by W1C0. This table is based on a survey that sampled children born in 2001 and was designed to collect information about them for the first time when the children were about 9 months of age (i.e., 8 to 10 months). As shown in the table, some children were older than this at the time data were collected, although only 6.5 percent were over 13 months of age. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort 9-month–Kindergarten 2007 Restricted-Use Data File and Electronic Codebook. (This table was prepared December 2010.)

**Table 133. Percentage of children demonstrating specific cognitive skills, motor skills, and secure emotional attachment to parents at about 2 years of age, by selected characteristics: 2003–04**

[Standard errors appear in parentheses]

Selected characteristic	Percentage distribution of children <sup>1</sup>	Percent of children who demonstrate skills or secure emotional attachment												Secure emotional attachment to parent <sup>3</sup>
		Specific cognitive skills <sup>2</sup>						Specific motor skills <sup>2</sup>						
		Receptive vocabulary <sup>4</sup>	Expressive vocabulary <sup>5</sup>	Listening comprehension <sup>6</sup>	Matching/discrimination <sup>7</sup>	Early counting <sup>8</sup>	Skillful walking <sup>9</sup>	Balance <sup>10</sup>	Fine motor control <sup>11</sup>	Uses stairs <sup>12</sup>	Alternating balance <sup>13</sup>	Motor planning <sup>14</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<b>Total</b> .....	<b>100.0</b> (†)	<b>84.5</b> (0.38)	<b>63.9</b> (0.53)	<b>36.6</b> (0.42)	<b>31.9</b> (0.39)	<b>3.9</b> (0.14)	<b>92.6</b> (0.20)	<b>89.4</b> (0.33)	<b>55.5</b> (0.48)	<b>48.1</b> (0.41)	<b>30.0</b> (0.47)	<b>10.2</b> (0.21)	<b>61.6</b> (1.12)	
Sex of child														
Male.....	51.1 (0.21)	81.4 (0.56)	59.3 (0.75)	32.9 (0.58)	28.4 (0.53)	3.0 (0.16)	92.0 (0.26)	88.4 (0.43)	54.2 (0.53)	46.9 (0.44)	28.7 (0.48)	9.6 (0.20)	55.0 (1.23)	
Female.....	48.9 (0.21)	87.7 (0.38)	68.9 (0.59)	40.6 (0.50)	35.6 (0.48)	4.8 (0.20)	93.2 (0.20)	90.5 (0.32)	56.8 (0.53)	49.3 (0.47)	31.3 (0.55)	10.9 (0.26)	68.4 (1.27)	
Race/ethnicity of child														
White.....	54.6 (0.61)	88.7 (0.40)	70.7 (0.63)	42.2 (0.52)	37.1 (0.49)	5.2 (0.21)	92.8 (0.23)	89.9 (0.38)	55.8 (0.58)	48.4 (0.50)	30.2 (0.58)	10.4 (0.26)	65.7 (1.41)	
Black.....	13.4 (0.29)	79.4 (0.93)	55.7 (1.18)	29.9 (0.86)	25.5 (0.75)	2.2 (0.21)	93.3 (0.40)	90.6 (0.66)	58.0 (0.94)	50.2 (0.79)	32.5 (0.87)	11.2 (0.37)	53.3 (2.13)	
Hispanic.....	24.5 (0.45)	78.3 (0.99)	53.7 (1.19)	28.2 (0.83)	24.1 (0.73)	1.9 (0.16)	91.6 (0.42)	87.9 (0.69)	53.5 (0.76)	46.3 (0.65)	28.2 (0.66)	9.4 (0.27)	57.3 (1.84)	
Asian.....	2.7 (0.10)	82.5 (1.23)	61.8 (1.40)	35.2 (0.93)	30.5 (0.82)	3.6 (0.27)	92.4 (0.39)	89.2 (0.65)	54.7 (0.91)	47.4 (0.72)	29.2 (0.76)	9.9 (0.29)	61.1 (2.29)	
Pacific Islander.....	0.2 (0.05)	78.8 (4.16)	54.1 (5.83)	27.8 (4.30)	23.2 (3.61)	1.1 ! (0.36)	92.8 (1.34)	90.0 (2.29)	54.0 (4.00)	46.5 (2.99)	27.4 (3.24)	8.9 (1.22)	61.9 (12.63)	
American Indian/Alaska Native.....	0.5 (0.06)	75.3 (3.99)	50.5 (4.17)	25.9 (2.69)	22.0 (2.23)	1.5 (0.27)	92.4 (0.70)	89.1 (1.28)	55.1 (1.14)	47.9 (0.90)	29.8 (1.05)	10.1 (0.45)	46.3 (5.14)	
Two or more races.....	4.1 (0.31)	85.1 (0.91)	64.7 (1.47)	37.2 (1.26)	32.3 (1.26)	3.7 (0.55)	92.4 (0.54)	89.1 (0.93)	54.4 (1.35)	47.2 (1.11)	28.9 (1.22)	9.7 (0.53)	61.4 (3.03)	
Age of child														
22 months.....	2.0 (0.30)	78.1 (2.15)	53.1 (2.77)	28.4 (2.34)	24.5 (2.31)	2.9 ! (1.01)	90.9 (1.68)	86.5 (2.78)	53.4 (3.05)	46.5 (2.70)	29.2 (2.77)	10.6 (1.58)	65.1 (5.06)	
23 months.....	42.3 (1.22)	81.9 (0.54)	60.1 (0.66)	33.4 (0.47)	28.8 (0.41)	2.9 (0.13)	92.2 (0.27)	88.7 (0.45)	54.3 (0.59)	47.0 (0.49)	28.8 (0.53)	9.7 (0.22)	62.7 (1.40)	
24 months.....	42.0 (1.02)	86.5 (0.42)	66.9 (0.65)	39.1 (0.56)	34.3 (0.54)	4.6 (0.23)	92.9 (0.22)	90.0 (0.37)	56.1 (0.57)	48.6 (0.48)	30.4 (0.57)	10.4 (0.25)	60.8 (1.65)	
25 months.....	13.7 (0.54)	87.4 (0.58)	68.3 (0.91)	40.3 (0.78)	35.4 (0.77)	5.0 (0.35)	93.0 (0.35)	90.2 (0.56)	57.5 (0.79)	50.0 (0.68)	32.4 (0.81)	11.4 (0.40)	59.8 (1.90)	
Primary type of nonparental care arrangement <sup>15</sup>														
No regular nonparental arrangement....	50.8 (0.75)	83.4 (0.50)	62.0 (0.70)	34.8 (0.56)	30.2 (0.52)	3.3 (0.17)	92.2 (0.26)	88.8 (0.43)	54.5 (0.55)	47.2 (0.47)	29.0 (0.52)	9.7 (0.22)	62.1 (1.35)	
Home-based care														
Relative care <sup>16</sup> .....	18.6 (0.63)	83.2 (0.70)	61.6 (1.04)	34.7 (0.84)	30.1 (0.78)	3.6 (0.29)	92.7 (0.30)	89.7 (0.49)	55.8 (0.79)	48.3 (0.67)	30.1 (0.77)	10.3 (0.35)	57.5 (1.94)	
Nonrelative care <sup>17</sup> .....	14.5 (0.57)	86.7 (0.72)	67.8 (1.00)	39.8 (0.81)	34.8 (0.76)	4.4 (0.29)	93.3 (0.27)	90.6 (0.46)	57.1 (0.73)	49.5 (0.63)	31.5 (0.74)	10.8 (0.35)	61.1 (2.23)	
Center-based care <sup>18</sup> .....	15.6 (0.51)	87.5 (0.69)	69.4 (0.99)	41.6 (0.84)	36.8 (0.82)	5.5 (0.47)	93.0 (0.31)	90.2 (0.50)	56.9 (0.70)	49.5 (0.61)	31.8 (0.74)	11.2 (0.37)	64.6 (1.87)	
Multiple arrangements <sup>19</sup> .....	0.5 (0.09)	81.7 (5.66)	63.1 (7.07)	38.0 (5.92)	33.8 (5.68)	6.2 ! (2.87)	91.3 (1.70)	87.1 (2.97)	52.4 (3.41)	45.8 (2.92)	27.9 (3.29)	9.8 (1.62)	72.2 (8.48)	
Mother's employment status														
Full-time (35 hours or more).....	34.3 (0.76)	85.6 (0.56)	65.8 (0.83)	38.2 (0.66)	33.4 (0.62)	4.2 (0.24)	93.0 (0.25)	90.1 (0.43)	56.6 (0.65)	49.1 (0.57)	31.2 (0.66)	10.8 (0.31)	59.8 (1.58)	
Part-time (less than 35 hours).....	20.3 (0.69)	86.6 (0.64)	67.6 (0.98)	39.7 (0.84)	34.8 (0.80)	4.7 (0.37)	92.8 (0.28)	89.8 (0.47)	55.5 (0.70)	48.1 (0.58)	29.8 (0.66)	10.1 (0.30)	65.2 (1.53)	
Looking for work.....	6.3 (0.33)	80.1 (1.28)	56.6 (1.77)	30.2 (1.33)	25.8 (1.20)	1.9 (0.24)	92.0 (0.48)	88.4 (0.81)	53.8 (1.04)	46.7 (0.85)	28.5 (0.91)	9.6 (0.37)	58.8 (3.07)	
Not in labor force.....	38.8 (0.82)	83.1 (0.56)	61.6 (0.77)	34.7 (0.63)	30.1 (0.60)	3.4 (0.21)	92.2 (0.26)	88.8 (0.43)	54.6 (0.56)	47.3 (0.49)	29.2 (0.54)	9.9 (0.24)	61.4 (1.41)	
No mother in household.....	0.4 (0.09)	82.1 (4.44)	58.8 (6.94)	33.5 (6.05)	29.3 (5.73)	† (†)	94.4 (1.25)	92.4 (2.19)	59.7 (3.58)	51.6 (2.90)	33.5 (3.30)	11.3 (1.37)	62.1 (9.92)	
Parents' highest level of education														
Less than high school.....	12.2 (0.37)	76.6 (1.00)	50.5 (1.32)	25.4 (0.95)	21.6 (0.81)	1.3 (0.14)	91.2 (0.43)	87.3 (0.70)	52.7 (0.84)	45.6 (0.69)	27.4 (0.71)	9.0 (0.28)	51.8 (2.90)	
High school completion.....	25.2 (0.52)	81.9 (0.61)	58.7 (0.88)	31.8 (0.68)	27.2 (0.62)	2.3 (0.18)	92.4 (0.29)	89.3 (0.47)	55.2 (0.66)	47.8 (0.56)	29.7 (0.63)	10.0 (0.27)	54.3 (1.78)	
Some college/vocational.....	29.7 (0.53)	84.4 (0.62)	64.0 (0.85)	36.6 (0.68)	31.8 (0.65)	3.7 (0.21)	92.5 (0.31)	89.4 (0.51)	55.6 (0.70)	48.2 (0.60)	30.2 (0.67)	10.4 (0.30)	62.6 (1.77)	
Bachelor's degree.....	17.5 (0.46)	88.6 (0.66)	71.1 (1.11)	42.6 (0.99)	37.4 (0.98)	5.3 (0.47)	93.2 (0.30)	90.5 (0.52)	56.7 (0.79)	49.1 (0.67)	31.0 (0.78)	10.7 (0.37)	67.2 (2.09)	
Any graduate education.....	15.4 (0.39)	90.4 (0.60)	74.8 (0.93)	46.5 (0.79)	41.4 (0.78)	7.1 (0.37)	93.0 (0.36)	90.2 (0.61)	56.5 (0.80)	48.9 (0.68)	30.9 (0.77)	10.6 (0.35)	72.8 (1.90)	
Poverty status <sup>20</sup>														
Below poverty threshold.....	23.0 (0.80)	78.7 (0.85)	54.6 (1.11)	29.0 (0.81)	24.8 (0.72)	2.1 (0.18)	91.8 (0.32)	88.1 (0.53)	54.1 (0.70)	46.8 (0.60)	28.8 (0.67)	9.6 (0.28)	52.7 (1.73)	
At or above poverty threshold.....	77.0 (0.80)	86.2 (0.37)	66.7 (0.53)	38.9 (0.44)	34.0 (0.42)	4.4 (0.18)	92.8 (0.21)	89.8 (0.35)	55.9 (0.53)	48.4 (0.45)	30.3 (0.51)	10.4 (0.23)	64.2 (1.22)	

See notes at end of table.

**Table 133. Percentage of children demonstrating specific cognitive skills, motor skills, and secure emotional attachment to parents at about 2 years of age, by selected characteristics: 2003–04—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Percentage distribution of children <sup>1</sup>	Percent of children who demonstrate skills or secure emotional attachment												
		Specific cognitive skills <sup>2</sup>					Specific motor skills <sup>2</sup>							Secure emotional attachment to parent <sup>3</sup>
		Receptive vocabulary <sup>4</sup>	Expressive vocabulary <sup>5</sup>	Listening comprehension <sup>6</sup>	Matching/ discrimination <sup>7</sup>	Early counting <sup>8</sup>	Skillful walking <sup>9</sup>	Balance <sup>10</sup>	Fine motor control <sup>11</sup>	Uses stairs <sup>12</sup>	Alternating balance <sup>13</sup>	Motor planning <sup>14</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Socioeconomic status <sup>21</sup>														
Lowest 20 percent.....	19.1 (0.53)	77.3 (0.89)	51.7 (1.12)	26.5 (0.78)	22.5 (0.67)	1.5 (0.12)	91.7 (0.37)	88.1 (0.60)	53.7 (0.75)	46.5 (0.63)	28.3 (0.66)	9.4 (0.26)	51.5 (1.90)	
Middle 60 percent .....	60.3 (0.73)	84.5 (0.47)	63.8 (0.69)	36.3 (0.56)	31.5 (0.53)	3.5 (0.17)	92.5 (0.24)	89.4 (0.41)	55.4 (0.60)	48.0 (0.52)	30.0 (0.60)	10.2 (0.27)	61.3 (1.49)	
Highest 20 percent.....	20.6 (0.56)	91.1 (0.43)	75.4 (0.80)	46.7 (0.70)	41.5 (0.70)	7.0 (0.38)	93.4 (0.24)	90.9 (0.40)	57.2 (0.64)	49.5 (0.54)	31.5 (0.63)	10.9 (0.29)	71.7 (1.86)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Weighted distribution of Early Childhood Longitudinal Study, Birth Cohort survey population between 22 and 25 months of age.

<sup>2</sup>Based on assessments collected using the Bayley Short Form Research Edition (BSF-R), a shortened field method of administering the Bayley Scales of Infant Development-II (BSID-II) (Bayley 1993). The scores are fully equated with the BSID-II; for more information, see NCES's *Early Childhood Longitudinal Study, Birth Cohort (ECLS-B) Psychometric Report for the 2-year Data Collection*. The proficiency probabilities indicate mastery of a specific skill or ability within cognitive or physical domains.

<sup>3</sup>Attachment was measured by trained observers using the Toddler Attachment Sort-45 Item (TAS-45) assessment. The formation of secure attachments in early childhood is an indicator that the child is able to use the parent as a secure base from which to explore novel stimuli in the environment freely and acquire a sense of self-confidence and adaptability to new and challenging situations. Other possible attachment classifications were avoidant, ambivalent, and disorganized/disoriented.

<sup>4</sup>Ability to recognize and understand spoken words or to indicate a named object by pointing.

<sup>5</sup>Verbal expressiveness using gestures, words, and sentences.

<sup>6</sup>Ability to understand actions depicted by a story, in pictures, or by verbal instructions.

<sup>7</sup>Ability to match objects by their properties (e.g., color) or differentiate one object from another.

<sup>8</sup>Knowledge of counting words, knowledge of ordinality, and understanding of simple quantities.

<sup>9</sup>Ability to walk independently.

<sup>10</sup>Ability to maintain balance when changing position.

<sup>11</sup>Ability to use fine motor control with hands, such as grasping a pencil or holding a piece of paper while scribbling.

<sup>12</sup>Ability to walk up and down stairs, with or without alternating feet.

<sup>13</sup>Ability to maintain balance when changing position or when in motion, such as jumping.

<sup>14</sup>Ability to anticipate, regulate, and execute motor movements, such as being able to replicate the motions of others.

<sup>15</sup>The type of nonparental care in which the child spent the most hours.

<sup>16</sup>Care provided in the child's home or in another private home by a relative (excluding parents).

<sup>17</sup>Care provided in the child's home or in another private home by a person unrelated to the child.

<sup>18</sup>Care provided in places such as early learning centers, nursery schools, and preschools.

<sup>19</sup>Children who spent an equal amount of time in each of two or more types of arrangements.

<sup>20</sup>Poverty status based on Census Bureau guidelines from 2002, which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2002, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$18,392.

<sup>21</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations, and family income.

NOTE: Estimates weighted by W2R0. Estimates pertain to sample of children born in 2001 and assessed between 22 months and 25 months of age. Children younger than 22 months (less than 1 percent of the survey population) and children older than 25 months (approximately 9 percent of the survey population) are excluded from this table. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort 9-month–Kindergarten 2007 Restricted-Use Data File and Electronic Codebook. (This table was prepared December 2010.)

**Table 134. Children's reading, language, mathematics, color knowledge, and fine motor skills at about 4 years of age, by child's age and selected characteristics: 2005–06**

[Standard errors appear in parentheses]

Age and selected characteristic	Number of children (in thousands)	Percentage distribution of children	Average early reading scale score <sup>1</sup>	Expressive vocabulary (telling stories) score <sup>2</sup>	Average mathematics scale score <sup>3</sup>	Color knowledge—percent scoring 10 out of 10 <sup>4</sup>	Fine motor score <sup>5</sup>
1	2	3	4	5	6	7	8
<b>Less than 48 months</b>							
<b>Total</b>	<b>645 (22.3)</b>	<b>100.0 (†)</b>	<b>21.5 (0.32)</b>	<b>2.1 (0.04)</b>	<b>24.5 (0.31)</b>	<b>49.0 (1.89)</b>	<b>2.5 (0.05)</b>
Sex of child							
Male	324 (15.8)	50.3 (1.79)	20.7 (0.48)	1.9 (0.05)	23.5 (0.44)	41.8 (3.03)	2.3 (0.07)
Female	321 (16.3)	49.7 (1.79)	22.4 (0.43)	2.2 (0.06)	25.5 (0.45)	56.1 (2.40)	2.8 (0.06)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	121 (11.3)	18.7 (1.50)	16.7 (0.35)	1.8 (0.09)	19.1 (0.52)	16.2 (3.65)	2.0 (0.10)
Middle 60 percent	380 (16.7)	58.9 (1.67)	21.0 (0.39)	2.1 (0.04)	24.2 (0.39)	50.9 (2.57)	2.6 (0.06)
Highest 20 percent	144 (10.7)	22.4 (1.59)	26.3 (0.67)	2.2 (0.07)	29.2 (0.64)	67.8 (2.97)	2.9 (0.09)
<b>48 through 57 months</b>							
<b>Total</b>	<b>2,939 (23.2)</b>	<b>100.0 (†)</b>	<b>25.5 (0.22)</b>	<b>2.4 (0.02)</b>	<b>29.7 (0.20)</b>	<b>63.6 (0.84)</b>	<b>3.4 (0.02)</b>
Sex of child							
Male	1,516 (18.2)	51.6 (0.48)	24.6 (0.26)	2.3 (0.03)	29.2 (0.25)	61.2 (1.12)	3.1 (0.04)
Female	1,423 (18.4)	48.4 (0.48)	26.4 (0.29)	2.6 (0.02)	30.3 (0.24)	66.1 (1.29)	3.7 (0.04)
Race/ethnicity of child							
White	1,604 (22.9)	54.7 (0.69)	27.4 (0.30)	2.6 (0.03)	31.6 (0.28)	71.0 (1.11)	3.5 (0.03)
Black	391 (11.5)	13.3 (0.37)	22.9 (0.46)	2.4 (0.04)	26.9 (0.44)	55.3 (2.44)	3.2 (0.06)
Hispanic	729 (18.1)	24.9 (0.56)	21.2 (0.36)	2.1 (0.04)	26.2 (0.34)	50.2 (1.79)	3.3 (0.06)
Asian	74 (3.6)	2.5 (0.12)	30.5 (0.56)	2.1 (0.05)	34.7 (0.42)	70.7 (2.37)	4.5 (0.09)
Pacific Islander	4 (0.7)	0.1 (0.03)	22.2 (2.24)	2.1 (0.18)	26.3 (3.41)	39.0 (9.21)	3.0 (0.34)
American Indian/Alaska Native	15 (1.5)	0.5 (0.05)	20.1 (0.89)	2.1 (0.09)	23.2 (0.98)	44.1 (3.83)	3.0 (0.18)
Two or more races	115 (9.0)	3.9 (0.31)	27.3 (0.89)	2.5 (0.06)	30.2 (0.82)	62.7 (3.04)	3.5 (0.12)
Primary type of nonparental care arrangement <sup>7</sup>							
No regular nonparental arrangement	535 (20.8)	18.2 (0.69)	22.9 (0.41)	2.3 (0.04)	26.9 (0.41)	51.6 (2.04)	3.1 (0.05)
Home-based care							
Relative care <sup>8</sup>	384 (18.8)	13.1 (0.65)	23.0 (0.44)	2.3 (0.05)	27.3 (0.42)	53.4 (2.58)	3.2 (0.07)
Nonrelative care <sup>9</sup>	220 (11.8)	7.5 (0.40)	25.1 (0.51)	2.5 (0.07)	30.2 (0.58)	63.8 (2.72)	3.3 (0.09)
Head Start	386 (22.3)	13.2 (0.73)	22.2 (0.35)	2.3 (0.05)	26.8 (0.40)	52.8 (2.55)	3.2 (0.07)
Other center-based care <sup>10</sup>	1,358 (26.2)	46.3 (0.83)	28.0 (0.32)	2.6 (0.03)	32.2 (0.27)	73.5 (1.19)	3.6 (0.04)
Multiple arrangements <sup>11</sup>	52 (6.8)	1.8 (0.23)	24.6 (0.93)	2.5 (0.10)	29.3 (0.92)	67.1 (5.44)	3.2 (0.23)
Mother's employment status							
Full-time (35 hours or more)	1,149 (26.5)	39.4 (0.85)	25.6 (0.30)	2.5 (0.03)	30.3 (0.24)	67.5 (1.09)	3.5 (0.05)
Part-time (less than 35 hours)	573 (17.7)	19.6 (0.60)	26.3 (0.35)	2.5 (0.04)	30.6 (0.35)	63.5 (2.06)	3.5 (0.05)
Looking for work	163 (9.9)	5.6 (0.34)	21.7 (0.57)	2.2 (0.07)	25.8 (0.74)	47.1 (3.83)	3.0 (0.11)
Not in labor force	1,010 (27.1)	34.6 (0.88)	25.5 (0.39)	2.4 (0.03)	29.3 (0.35)	62.1 (1.42)	3.3 (0.04)
No mother in household	22 (4.0)	0.8 (0.14)	21.6 (1.35)	2.3 (0.24)	26.3 (1.25)	57.3 (8.79)	3.0 (0.21)
Parents' highest level of education							
Less than high school	292 (11.9)	9.9 (0.41)	18.7 (0.41)	1.9 (0.06)	23.6 (0.47)	37.3 (2.74)	3.1 (0.09)
High school completion	672 (24.1)	22.9 (0.79)	21.6 (0.28)	2.3 (0.03)	25.9 (0.30)	52.0 (1.64)	3.1 (0.04)
Some college/vocational	998 (23.5)	34.0 (0.76)	24.3 (0.30)	2.5 (0.03)	28.9 (0.28)	63.4 (1.29)	3.4 (0.04)
Bachelor's degree	498 (17.6)	17.0 (0.57)	28.8 (0.40)	2.7 (0.04)	33.2 (0.28)	75.6 (1.69)	3.7 (0.08)
Any graduate education	475 (14.6)	16.2 (0.49)	33.0 (0.43)	2.7 (0.04)	36.2 (0.33)	81.0 (1.48)	3.9 (0.05)
Poverty status <sup>12</sup>							
Below poverty threshold	732 (21.0)	24.9 (0.71)	20.5 (0.26)	2.1 (0.03)	24.6 (0.28)	46.9 (1.76)	3.1 (0.05)
At or above poverty threshold	2,207 (28.4)	75.1 (0.71)	27.0 (0.24)	2.5 (0.02)	31.3 (0.21)	68.8 (0.91)	3.5 (0.03)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	576 (17.2)	19.6 (0.57)	19.3 (0.31)	2.0 (0.04)	23.6 (0.35)	43.1 (2.15)	3.0 (0.06)
Middle 60 percent	1,768 (27.3)	60.2 (0.77)	24.7 (0.22)	2.5 (0.03)	29.3 (0.23)	63.5 (1.07)	3.4 (0.03)
Highest 20 percent	594 (20.4)	20.2 (0.68)	32.7 (0.43)	2.8 (0.03)	36.2 (0.33)	81.6 (1.51)	3.9 (0.05)
<b>58 months or more</b>							
<b>Total</b>	<b>356 (16.4)</b>	<b>100.0 (†)</b>	<b>29.7 (0.58)</b>	<b>2.6 (0.04)</b>	<b>34.5 (0.44)</b>	<b>71.1 (2.09)</b>	<b>4.1 (0.07)</b>
Sex of child							
Male	179 (12.1)	50.3 (2.21)	29.0 (0.77)	2.6 (0.06)	34.2 (0.64)	66.5 (3.05)	3.7 (0.10)
Female	177 (10.5)	49.7 (2.21)	30.4 (0.76)	2.7 (0.06)	34.8 (0.51)	75.9 (2.49)	4.4 (0.10)
Socioeconomic status <sup>6</sup>							
Lowest 20 percent	91 (8.0)	25.5 (2.26)	22.3 (0.91)	2.1 (0.11)	28.4 (0.97)	47.4 (5.25)	3.6 (0.14)
Middle 60 percent	215 (14.7)	60.5 (2.47)	30.0 (0.75)	2.7 (0.05)	34.9 (0.54)	76.0 (2.63)	4.1 (0.10)
Highest 20 percent	50 (6.9)	14.0 (1.84)	40.3 (2.31)	2.9 (0.10)	42.8 (1.15)	88.5 (2.89)	4.7 (0.18)

†Not applicable.

<sup>1</sup>Reflects performance on language and literacy items (e.g., conventions of print, letter recognition, understanding of letter-sound relationships, phonological awareness, sight word recognition, and understanding words in the context of simple sentences). Potential score ranges from 0 to 85.

<sup>2</sup>Verbal expressiveness using gestures, words, and sentences. Potential score ranges from 0 to 5.

<sup>3</sup>Includes number sense, geometry, counting, operations, and patterns. Potential score ranges from 0 to 71.

<sup>4</sup>Percentage of children who scored 10 on a test with a potential score range of 0 to 10. These children were able to name the colors of five pictured objects (2 points per correct answer).

<sup>5</sup>Measures the ability to use fine motor skills in drawing basic forms and shapes. Potential score ranges from 0 to 7.

<sup>6</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations, and family income.

<sup>7</sup>The type of nonparental care in which the child spent the most hours.

<sup>8</sup>Care provided in the child's home or in another private home by a relative (excluding parents).

<sup>9</sup>Care provided in the child's home or in another private home by a person unrelated to the child.

<sup>10</sup>Care provided in places such as early learning centers, nursery schools, and preschools, excluding Head Start.

<sup>11</sup>Children who spent an equal amount of time in each of two or more types of arrangements.

<sup>12</sup>Poverty status based on Census Bureau guidelines from 2005, which identify a dollar amount determined to meet a household's needs, given its size and composition. In 2005, a family of four was considered to live below the poverty threshold if its income was less than or equal to \$19,971.

NOTE: Estimates weighted by W3R0. Estimates pertain to a sample of children who were born in 2001. This table was designed to present data collected when the children were about 4 years of age (i.e., 48 to 57 months old). As shown in the table, some children were younger or older than this at the time data were collected, although 75 percent were within the target age range. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse. Some data have been revised from previously published figures. SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Birth Cohort (ECLS-B), Longitudinal 9-Month–Kindergarten 2007 Restricted-Use Data File. (This table was prepared December 2010.)

**Table 135. First-time kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by selected child, family, and school characteristics: 2010–11**

[Standard errors appear in parentheses]

Selected child, family, or school characteristic	Number of children (in thousands)	Percentage distribution of children	Mean reading score <sup>1</sup>		Mean mathematics score <sup>2</sup>		Mean science score, spring 2011 <sup>3</sup>	Mean cognitive flexibility score <sup>4</sup>		Mean approaches to learning score <sup>5</sup>	
			Fall 2010	Spring 2011	Fall 2010	Spring 2011		Fall 2010	Spring 2011	Fall 2011	Spring 2011
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total .....</b>	<b>3,473 (56.2)</b>	<b>100.0 (†)</b>	<b>34.7 (0.29)</b>	<b>49.5 (0.30)</b>	<b>29.3 (0.27)</b>	<b>42.0 (0.29)</b>	<b>11.4 (0.08)</b>	<b>8.5 (0.06)</b>	<b>9.4 (0.06)</b>	<b>2.9 (0.01)</b>	<b>3.1 (0.01)</b>
Sex of child											
Male .....	1,780 (33.3)	51.2 (0.51)	34.0 (0.31)	48.5 (0.33)	29.4 (0.30)	42.0 (0.32)	11.4 (0.08)	8.3 (0.08)	9.2 (0.06)	2.8 (0.01)	2.9 (0.01)
Female .....	1,693 (33.2)	48.8 (0.51)	35.4 (0.31)	50.5 (0.31)	29.2 (0.28)	42.0 (0.30)	11.3 (0.08)	8.6 (0.06)	9.5 (0.06)	3.1 (0.01)	3.3 (0.01)
Age of child at kindergarten entry, fall 2010											
Less than 5 years old .....	147 (19.8)	4.2 (0.56)	31.0 (0.65)	44.9 (0.67)	24.7 (0.58)	36.9 (0.61)	10.2 (0.18)	7.6 (0.22)	8.8 (0.14)	2.8 (0.04)	3.0 (0.03)
5 years old to 5 1/2 years old .....	1,479 (32.0)	42.6 (0.51)	32.9 (0.32)	47.9 (0.34)	26.9 (0.30)	39.9 (0.31)	10.9 (0.08)	8.1 (0.09)	9.2 (0.06)	2.9 (0.01)	3.0 (0.01)
More than 5 1/2 years old to 6 years old .....	1,536 (31.0)	44.2 (0.64)	36.0 (0.32)	50.8 (0.30)	31.1 (0.29)	43.7 (0.30)	11.8 (0.08)	8.7 (0.06)	9.5 (0.06)	3.0 (0.01)	3.2 (0.01)
More than 6 years old .....	312 (15.3)	9.0 (0.42)	38.3 (0.48)	52.6 (0.49)	34.1 (0.47)	46.3 (0.54)	12.2 (0.15)	8.9 (0.12)	9.6 (0.11)	3.1 (0.02)	3.2 (0.02)
Race/ethnicity of child											
White .....	1,844 (73.7)	53.1 (1.76)	36.6 (0.38)	51.6 (0.35)	31.7 (0.32)	44.6 (0.34)	12.4 (0.07)	9.0 (0.06)	9.7 (0.07)	3.0 (0.01)	3.1 (0.01)
Black .....	458 (47.3)	13.2 (1.33)	32.9 (0.41)	47.1 (0.43)	25.8 (0.30)	37.5 (0.35)	10.0 (0.15)	7.7 (0.16)	8.5 (0.14)	2.8 (0.02)	2.9 (0.02)
Hispanic .....	822 (46.1)	23.7 (1.36)	30.3 (0.33)	45.4 (0.34)	24.7 (0.30)	37.9 (0.33)	9.7 (0.11)	7.7 (0.09)	8.9 (0.07)	2.9 (0.02)	3.1 (0.02)
Asian .....	143 (18.0)	4.1 (0.54)	40.5 (0.66)	54.0 (0.63)	34.6 (0.60)	46.0 (0.43)	10.8 (0.10)	8.4 (0.13)	9.4 (0.13)	3.1 (0.04)	3.2 (0.04)
Native Hawaiian/Pacific Islander .....	13 (2.1)	0.4 (0.06)	31.5 (1.69)	48.0 (1.69)	27.4 (1.49)	40.8 (1.85)	9.9 (0.47)	7.4 (0.56)	7.9 (0.50)	2.8 (0.08)	3.0 (0.06)
American Indian/Alaska Native .....	43 ! (19.1)	1.2 ! (0.55)	31.1 (0.88)	46.0 (0.82)	26.3 (1.23)	40.2 (1.12)	11.5 (0.52)	8.4 (0.44)	9.7 (0.25)	3.0 (0.07)	3.1 (0.05)
Two or more races .....	148 (8.3)	4.3 (0.23)	36.2 (0.63)	50.9 (0.55)	30.5 (0.55)	43.2 (0.56)	12.0 (0.14)	8.7 (0.11)	9.6 (0.12)	2.9 (0.03)	3.1 (0.03)
Primary type of nonparental care arrangement prior to kindergarten entry <sup>6</sup>											
No regular nonparental arrangement .....	699 (28.7)	20.9 (0.82)	31.7 (0.37)	47.3 (0.39)	26.3 (0.35)	39.8 (0.35)	10.7 (0.09)	8.0 (0.09)	9.1 (0.11)	2.9 (0.02)	3.1 (0.02)
Home-based care											
Relative care .....	499 (17.2)	14.9 (0.46)	32.4 (0.40)	48.2 (0.37)	27.3 (0.37)	40.3 (0.38)	11.0 (0.11)	8.2 (0.10)	9.2 (0.09)	2.9 (0.02)	3.1 (0.02)
Nonrelative care .....	212 (12.5)	6.3 (0.36)	35.3 (0.60)	50.8 (0.62)	31.3 (0.56)	44.5 (0.63)	12.0 (0.14)	8.8 (0.15)	9.6 (0.11)	3.0 (0.02)	3.2 (0.02)
Center-based care .....	1,850 (45.8)	55.3 (0.97)	36.4 (0.30)	50.6 (0.32)	30.8 (0.28)	43.1 (0.32)	11.6 (0.08)	8.6 (0.07)	9.5 (0.06)	3.0 (0.01)	3.1 (0.01)
Multiple arrangements .....	84 (6.5)	2.5 (0.18)	36.6 (0.58)	50.9 (0.72)	31.2 (0.51)	43.3 (0.58)	12.0 (0.19)	9.0 (0.21)	9.6 (0.14)	3.0 (0.04)	3.1 (0.04)
Parents' employment status, fall 2010 <sup>7</sup>											
Two parents											
Both employed full time .....	787 (24.3)	25.3 (0.69)	37.4 (0.28)	52.2 (0.29)	32.1 (0.27)	44.8 (0.31)	12.0 (0.07)	8.9 (0.06)	9.8 (0.06)	3.0 (0.02)	3.2 (0.02)
One employed full time, one part time .....	505 (20.1)	16.2 (0.49)	37.3 (0.50)	52.1 (0.43)	32.3 (0.41)	44.9 (0.41)	12.2 (0.09)	8.8 (0.09)	9.6 (0.07)	3.1 (0.02)	3.2 (0.02)
One employed full time, one looking for work .....	130 (7.7)	4.2 (0.24)	32.7 (0.63)	48.2 (0.72)	27.3 (0.56)	40.3 (0.65)	10.9 (0.18)	8.1 (0.15)	9.3 (0.13)	2.9 (0.04)	3.1 (0.04)
One employed full time, one not in labor force .....	737 (27.3)	23.7 (0.78)	35.6 (0.44)	50.1 (0.43)	30.2 (0.42)	42.9 (0.41)	11.6 (0.10)	8.6 (0.08)	9.5 (0.08)	3.0 (0.02)	3.2 (0.02)
Other combination .....	203 (12.7)	6.5 (0.37)	31.4 (0.48)	46.4 (0.58)	25.7 (0.40)	38.7 (0.41)	10.5 (0.14)	7.8 (0.14)	9.1 (0.11)	2.9 (0.03)	3.0 (0.03)
Single parent											
Employed full time .....	328 (15.9)	10.5 (0.47)	32.9 (0.45)	47.5 (0.48)	26.9 (0.37)	39.3 (0.48)	10.8 (0.12)	8.3 (0.13)	9.0 (0.10)	2.8 (0.02)	3.0 (0.02)
Employed part time .....	127 (8.1)	4.1 (0.24)	31.7 (0.51)	46.7 (0.58)	26.5 (0.46)	38.7 (0.55)	10.7 (0.16)	8.1 (0.20)	9.0 (0.16)	2.9 (0.03)	3.0 (0.03)
Looking for work .....	106 (8.0)	3.4 (0.25)	29.4 (0.64)	44.4 (0.70)	24.0 (0.54)	36.5 (0.42)	10.2 (0.20)	7.8 (0.25)	8.9 (0.23)	2.7 (0.05)	2.9 (0.05)
Not in labor force .....	123 (9.1)	4.0 (0.29)	30.0 (0.48)	44.3 (0.61)	24.1 (0.48)	36.8 (0.62)	10.2 (0.21)	7.7 (0.18)	8.6 (0.21)	2.7 (0.03)	2.8 (0.04)
No parent in household .....	69 (4.8)	2.2 (0.15)	30.5 (0.66)	45.5 (0.96)	24.6 (0.65)	37.3 (0.78)	10.7 (0.24)	7.9 (0.19)	8.9 (0.23)	2.7 (0.05)	2.8 (0.05)
Parents' highest level of education <sup>8</sup>											
Less than high school .....	309 (18.0)	8.9 (0.51)	26.3 (0.39)	41.5 (0.41)	21.0 (0.37)	34.3 (0.44)	8.7 (0.11)	7.1 (0.14)	8.4 (0.14)	2.8 (0.02)	3.0 (0.02)
High school completion .....	707 (20.9)	20.4 (0.56)	29.9 (0.38)	45.2 (0.38)	24.7 (0.33)	37.4 (0.33)	10.2 (0.10)	7.9 (0.09)	9.0 (0.07)	2.8 (0.02)	3.0 (0.02)
Some college/vocational .....	1,122 (30.0)	32.4 (0.70)	33.7 (0.24)	48.7 (0.30)	28.4 (0.24)	41.1 (0.30)	11.3 (0.07)	8.4 (0.07)	9.3 (0.08)	2.9 (0.01)	3.0 (0.02)
Bachelor's degree .....	694 (25.2)	20.0 (0.63)	38.4 (0.35)	52.9 (0.33)	33.1 (0.26)	45.8 (0.28)	12.3 (0.07)	8.9 (0.07)	9.7 (0.05)	3.1 (0.01)	3.2 (0.01)
Any graduate education .....	630 (29.7)	18.2 (0.77)	41.6 (0.43)	55.5 (0.37)	35.7 (0.33)	48.1 (0.34)	12.8 (0.07)	9.3 (0.05)	10.0 (0.06)	3.1 (0.02)	3.3 (0.02)
Household type, fall 2010											
Two-parent household .....	2,433 (53.8)	75.6 (0.88)	36.0 (0.32)	50.7 (0.30)	30.7 (0.29)	43.4 (0.31)	11.7 (0.07)	8.6 (0.06)	9.5 (0.05)	3.0 (0.01)	3.2 (0.01)
Mother-only household .....	667 (29.1)	20.7 (0.82)	31.6 (0.31)	46.2 (0.37)	25.9 (0.30)	38.3 (0.33)	10.5 (0.12)	8.0 (0.10)	8.9 (0.10)	2.8 (0.02)	2.9 (0.02)
Father-only household .....	49 (3.5)	1.5 (0.10)	31.8 (0.77)	46.7 (0.74)	26.3 (0.69)	39.2 (0.75)	11.5 (0.22)	8.0 (0.34)	8.9 (0.27)	2.8 (0.06)	2.9 (0.04)
Other household type .....	69 (4.8)	2.2 (0.15)	30.5 (0.66)	45.5 (0.96)	24.6 (0.65)	37.3 (0.78)	10.7 (0.24)	7.9 (0.19)	8.9 (0.23)	2.7 (0.05)	2.8 (0.05)

See notes at end of table.



**Table 135. First-time kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by selected child, family, and school characteristics: 2010–11—Continued**

[Standard errors appear in parentheses]

Selected child, family, or school characteristic	Number of children (in thousands)	Percentage distribution of children	Mean reading score <sup>1</sup>		Mean mathematics score <sup>2</sup>		Mean science score, spring 2011 <sup>3</sup>	Mean cognitive flexibility score <sup>4</sup>		Mean approaches to learning score <sup>5</sup>	
			Fall 2010	Spring 2011	Fall 2010	Spring 2011		Fall 2010	Spring 2011	Fall 2011	Spring 2011
1	2	3	4	5	6	7	8	9	10	11	12
Primary home language											
English .....	2,910 (63.1)	84.0 (0.79)	35.6 (0.29)	50.5 (0.32)	30.2 (0.26)	42.9 (0.30)	11.8 (0.07)	8.7 (0.06)	9.5 (0.06)	2.9 (0.01)	3.1 (0.01)
Non-English .....	514 (23.6)	14.8 (0.73)	29.4 (0.49)	44.2 (0.49)	24.1 (0.46)	37.3 (0.46)	8.8 (0.11)	7.3 (0.13)	8.6 (0.08)	2.9 (0.02)	3.1 (0.02)
Primary language not identified .....	39 (4.7)	1.1 (0.14)	31.3 (1.07)	46.8 (1.23)	25.8 (0.95)	38.3 (0.83)	9.6 (0.27)	7.5 (0.27)	8.9 (0.23)	2.8 (0.05)	3.0 (0.06)
Poverty status <sup>9</sup>											
Below poverty threshold.....	707 (31.9)	24.7 (1.06)	29.6 (0.32)	44.4 (0.34)	24.1 (0.33)	36.8 (0.35)	9.8 (0.12)	7.7 (0.10)	8.7 (0.08)	2.8 (0.01)	2.9 (0.02)
100 to 199 percent of poverty threshold .....	636 (17.6)	22.2 (0.52)	33.4 (0.31)	48.4 (0.40)	27.9 (0.33)	40.6 (0.39)	11.1 (0.09)	8.3 (0.09)	9.3 (0.07)	2.9 (0.02)	3.1 (0.02)
200 percent or more of poverty threshold .....	1,519 (49.2)	53.1 (1.33)	38.6 (0.34)	53.1 (0.32)	33.3 (0.27)	45.9 (0.30)	12.5 (0.06)	9.0 (0.05)	9.8 (0.06)	3.1 (0.01)	3.2 (0.01)
Socioeconomic status <sup>10</sup>											
Lowest 20 percent.....	645 (27.1)	18.6 (0.76)	27.8 (0.34)	42.8 (0.36)	22.3 (0.33)	35.3 (0.39)	9.3 (0.12)	7.4 (0.11)	8.6 (0.10)	2.8 (0.02)	3.0 (0.02)
Middle 60 percent .....	2,102 (43.9)	60.7 (0.74)	34.4 (0.25)	49.4 (0.29)	29.1 (0.24)	41.9 (0.27)	11.4 (0.06)	8.5 (0.07)	9.3 (0.07)	2.9 (0.01)	3.1 (0.01)
Highest 20 percent.....	715 (32.6)	20.6 (0.87)	41.7 (0.43)	55.6 (0.38)	35.9 (0.30)	48.3 (0.31)	12.9 (0.06)	9.3 (0.05)	10.1 (0.05)	3.1 (0.02)	3.3 (0.02)
School type											
Public .....	3,074 (53.6)	88.5 (0.23)	34.3 (0.32)	49.1 (0.34)	28.8 (0.30)	41.5 (0.32)	11.2 (0.08)	8.4 (0.07)	9.3 (0.06)	2.9 (0.01)	3.1 (0.01)
Private .....	399 (8.1)	11.5 (0.23)	37.9 (0.58)	52.1 (0.63)	32.9 (0.45)	45.8 (0.57)	12.3 (0.11)	8.7 (0.11)	9.7 (0.07)	3.1 (0.02)	3.2 (0.02)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Reflects performance on questions measuring basic skills (print familiarity, letter recognition, beginning and ending sounds, rhyming words, and word recognition), vocabulary knowledge, and reading comprehension (including locate/recall questions, integrate/interpret questions, and critique/evaluate questions about text the children were asked to read). Actual scores for all kindergartners range from 6 to 83.<sup>2</sup>Reflects performance on questions on number sense, properties, and operations; measurement; geometry and spatial sense; data analysis, statistics, and probability (measured with a set of simple questions assessing children's ability to read a graph); and prealgebra skills such as identification of patterns. Actual scores for all kindergartners range from 5 to 75.<sup>3</sup>Science was assessed only in the spring of kindergarten. Reflects performance on questions on physical sciences, life sciences, environmental sciences, and scientific inquiry. Actual scores for all kindergartners range from 4 to 18.<sup>4</sup>To measure cognitive flexibility, children were administered the Dimensional Change Card Sort (DCCS) (developed by Philip Zelazo in 2006). Children were asked to sort a series of cards into one of two trays according to different rules (e.g., by color, by shape). Actual scores for all kindergartners range from 0 to 12.<sup>5</sup>The approaches to learning scale is based on teachers' reports on how students rate in seven areas: attentiveness, task persistence, eagerness to learn, learning independence, flexibility, organization, and ability to follow classroom rules. Actual scores for all kindergartners range from 1 to 4, with higher scores indicating that a child exhibits positive learning behaviors more often.<sup>6</sup>The type of nonparental care in which the child spent the most hours. "Multiple arrangements" refers to children who spent an equal amount of time in each of two or more arrangements.<sup>7</sup>Parents who reported working at least 35 hours per week are defined as employed full time, while those who reported working less than 35 hours per week are defined as employed part time. Those neither employed nor looking for work are not in the labor force.<sup>8</sup>Parents' highest level of education is the highest level of education achieved by either of the parents or guardians in a two-parent household, by the only parent in a single-parent household, or by any guardian in a household with no parents.<sup>9</sup>Poverty status is based on preliminary U.S. Census income thresholds for 2010, which identify incomes determined to meet household needs, given family size and composition. For example, a family of three with one child was below the poverty threshold if its income was less than \$17,552 in 2010.<sup>10</sup>Socioeconomic status (SES) was measured by a composite score based on parental education and occupations and household income at the time of data collection.

NOTE: Estimates weighted by W1\_2P0. Estimates pertain to a sample of children who were enrolled in kindergarten for the first time in the 2010–11 school year. Two parents may refer to two biological parents, two adoptive parents, or one biological/adoptive parent and one other parent/partner. Single parent refers to one biological or adoptive parent only. In households without parents, the guardian or guardians may be related or unrelated to the child. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K-2011), Preliminary Restricted-Use Data File. (This table was prepared May 2013.)



**Table 137. Kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by fall 2010 kindergarten entry status: 2010–11**  
[Standard errors appear in parentheses]

Type and time of assessment	Overall mean score <sup>1</sup>		Mean score by fall 2010 kindergarten entry status <sup>2</sup>							
			Early kindergarten entrants		On-time kindergarten entrants		Delayed kindergarten entrants		Kindergarten repeaters	
1	2		3		4		5		6	
Reading scale score <sup>3</sup>										
Fall 2010 .....	34.8	(0.28)	34.0	(1.04)	34.8	(0.30)	36.5	(0.61)	36.7	(0.67)
Spring 2011 .....	49.4	(0.29)	47.8	(1.47)	49.6	(0.30)	50.7	(0.55)	47.9	(0.65)
Mathematics scale score <sup>4</sup>										
Fall 2010 .....	29.3	(0.27)	27.0	(0.94)	29.3	(0.29)	32.8	(0.55)	29.9	(0.57)
Spring 2011 .....	42.0	(0.28)	40.1	(1.14)	42.0	(0.31)	44.8	(0.61)	40.9	(0.62)
Science scale score <sup>5</sup>										
Spring 2011 .....	11.3	(0.07)	10.7	(0.28)	11.4	(0.08)	12.1	(0.13)	11.0	(0.19)
Cognitive flexibility score <sup>6</sup>										
Fall 2010 .....	8.4	(0.06)	7.9	(0.34)	8.5	(0.06)	8.8	(0.17)	8.0	(0.20)
Spring 2011 .....	9.3	(0.06)	9.0	(0.23)	9.4	(0.06)	9.6	(0.10)	9.0	(0.15)
Approaches to learning score <sup>7</sup>										
Fall 2010 .....	2.9	(0.01)	3.0	(0.07)	2.9	(0.01)	3.0	(0.02)	2.8	(0.05)
Spring 2011 .....	3.1	(0.01)	3.1	(0.06)	3.1	(0.01)	3.1	(0.02)	2.9	(0.04)

<sup>1</sup>Includes students with missing kindergarten entry status information.

<sup>2</sup>A child who enrolled in kindergarten for the first time in 2010–11 is classified as an early, on-time, or delayed kindergarten entrant depending on whether the parent reported enrolling the child early, enrolling the child when he or she was old enough, or waiting until the child was older relative to school guidelines about when children can start school based on their birth date. A child is classified as a kindergarten repeater if the parent reported that 2010–11 was the child's second (or third or more) year of kindergarten.

<sup>3</sup>Reflects performance on questions measuring basic skills (print familiarity, letter recognition, beginning and ending sounds, rhyming words, and word recognition), vocabulary knowledge, and reading comprehension (including locate/recall questions, integrate/interpret questions, and critique/evaluate questions about text the children were asked to read). Actual scores for all kindergartners range from 6 to 83.

<sup>4</sup>Reflects performance on questions on number sense, properties, and operations; measurement; geometry and spatial sense; data analysis, statistics, and probability (measured with a set of simple questions assessing children's ability to read a graph); and prealgebra skills such as identification of patterns. Actual scores for all kindergartners range from 5 to 75.

<sup>5</sup>Science was assessed only in the spring of kindergarten. Reflects performance on questions on physical sciences, life sciences, environmental sciences, and scientific inquiry. Actual scores for all kindergartners range from 4 to 18.

<sup>6</sup>To measure cognitive flexibility, children were administered the Dimensional Change Card Sort (DCCS) (developed by Philip Zelazo in 2006). Children were asked to sort a series of cards into one of two trays according to different rules (e.g., by color, by shape). Actual scores for all kindergartners range from 0 to 12.

<sup>7</sup>The approaches to learning scale is based on teachers' reports on how students rate in seven areas: attentiveness, task persistence, eagerness to learn, learning independence, flexibility, organization, and ability to follow classroom rules. Actual scores for all kindergartners range from 1 to 4, with higher scores indicating that a child exhibits positive learning behaviors more often.

NOTE: Estimates weighted by W1\_2P0. Estimates pertain to a sample of children who were enrolled in kindergarten in the 2010–11 school year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011), Preliminary Restricted-Use Data File. (This table was prepared May 2013.)

**Table 138. Mean reading scale scores and specific reading skills of fall 1998 first-time kindergartners, by time of assessment and selected characteristics: Selected years, fall 1998 through spring 2007**  
[Standard errors appear in parentheses]

Selected characteristic	Mean reading scale score										Percentage of children with specific reading skills, eighth grade, spring 2007									
	Kindergarten				First grade, spring 2000	Third grade, spring 2002	Fifth grade, spring 2004	Eighth grade, spring 2007	Deriving meaning from text	Interpreting beyond text	Evaluating nonfiction	Evaluating complex syntax								
	Fall 1998	Spring 1999																		
1	2	3	4	5	6	7	8	9	10	11										
Total .....	36	(0.2)	47	(0.3)	79	(0.6)	128	(0.8)	151	(0.7)	169	(0.8)	83	(0.8)	66	(0.8)	29	(0.9)	6	(0.3)
Sex																				
Male .....	35	(0.3)	46	(0.4)	77	(0.9)	126	(1.0)	149	(1.0)	166	(1.2)	80	(1.1)	63	(1.2)	26	(1.3)	5	(0.4)
Female .....	36	(0.3)	48	(0.5)	81	(0.8)	131	(1.0)	153	(0.9)	172	(0.9)	85	(0.8)	69	(1.0)	31	(1.2)	7	(0.4)
Race/ethnicity																				
White .....	37	(0.3)	48	(0.4)	83	(0.8)	135	(0.9)	158	(0.8)	176	(0.8)	89	(0.7)	74	(0.8)	36	(1.1)	8	(0.4)
Black .....	32	(0.5)	42	(0.8)	70	(1.3)	114	(2.0)	135	(1.9)	149	(2.4)	66	(2.6)	45	(2.4)	10	(1.6)	2	(0.3)
Hispanic .....	33	(0.5)	44	(0.8)	72	(1.1)	118	(1.3)	142	(1.1)	160	(1.3)	76	(1.3)	57	(1.4)	18	(1.4)	3	(0.3)
Asian .....	41	(1.3)	53	(1.7)	90	(2.0)	135	(2.3)	157	(1.8)	178	(2.0)	89	(1.6)	75	(2.2)	41	(3.3)	10	(1.2)
Other <sup>1</sup> .....	34	(1.4)	46	(1.7)	76	(2.4)	125	(3.9)	150	(4.3)	167	(3.8)	82	(3.3)	64	(4.1)	25	(3.6)	5	(0.8)
Parents' highest level of education <sup>2</sup>																				
Less than high school .....	30	(0.5)	39	(0.7)	64	(1.5)	103	(1.7)	128	(1.8)	141	(2.2)	58	(2.5)	37	(2.1)	5	(0.7)	1	(0.1)
High school .....	32	(0.3)	42	(0.5)	71	(1.0)	118	(1.2)	140	(1.2)	159	(1.3)	75	(1.3)	55	(1.4)	16	(1.3)	3	(0.3)
Some college .....	35	(0.4)	46	(0.4)	78	(0.8)	128	(1.1)	151	(1.0)	169	(1.1)	84	(1.1)	66	(1.2)	25	(1.1)	4	(0.3)
Bachelor's or higher degree .....	40	(0.5)	52	(0.7)	89	(1.1)	143	(0.8)	165	(0.8)	183	(0.8)	93	(0.6)	81	(0.8)	49	(1.3)	12	(0.6)
Primary home language <sup>2</sup>																				
English .....	36	(0.2)	47	(0.3)	80	(0.7)	130	(0.8)	152	(0.7)	170	(0.9)	84	(0.8)	67	(0.9)	30	(0.9)	6	(0.3)
Non-English .....	33	(0.6)	44	(0.8)	70	(1.1)	113	(1.3)	138	(1.4)	157	(1.6)	73	(1.6)	54	(1.6)	17	(1.4)	4	(0.5)
Socioeconomic status <sup>2</sup>																				
Lowest 20 percent .....	30	(0.3)	39	(0.5)	64	(1.1)	105	(1.3)	129	(1.3)	145	(1.5)	62	(1.7)	41	(1.5)	8	(0.9)	1	(0.2)
Middle 60 percent .....	35	(0.3)	46	(0.3)	78	(0.7)	128	(0.8)	151	(0.7)	169	(0.8)	84	(0.8)	66	(0.9)	26	(0.9)	5	(0.3)
Highest 20 percent .....	41	(0.6)	54	(0.8)	92	(1.4)	145	(0.9)	167	(0.9)	186	(0.8)	95	(0.6)	84	(0.9)	52	(1.5)	14	(0.8)
Grade level in spring 2007																				
Eighth-grade or above .....	36	(0.2)	48	(0.4)	82	(0.6)	133	(0.7)	155	(0.7)	173	(0.9)	86	(0.8)	70	(0.9)	32	(1.0)	7	(0.3)
Below eighth grade .....	30	(0.5)	37	(0.6)	57	(1.4)	100	(1.9)	126	(2.2)	143	(2.5)	58	(2.7)	39	(2.5)	9	(2.0)	2	(0.7)
School type across all waves of the study																				
Public school all years .....	35	(0.3)	46	(0.4)	77	(0.6)	126	(0.9)	149	(0.8)	166	(0.9)	80	(0.9)	63	(1.0)	25	(1.0)	5	(0.2)
Private school all years .....	39	(0.6)	52	(0.9)	88	(1.5)	140	(1.4)	163	(1.0)	184	(1.2)	94	(0.7)	81	(1.4)	47	(2.5)	10	(0.8)
Change in school type during study .....	38	(0.8)	51	(1.1)	84	(1.9)	134	(1.8)	158	(1.4)	177	(1.8)	89	(1.4)	74	(1.9)	38	(2.7)	9	(1.1)

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Includes persons of all other races and two or more races.

<sup>3</sup>Status during kindergarten year.

NOTE: Reading scale ranges from 0 to 209. Estimates for each assessment round include all children assessed in English in that round, even if they were not assessed in English in a previous round. In fall 1998, 8 percent of the kindergarten sample was not administered the English battery because of nonpassing scores on the OLDS (Oral Language Development Scale) English proficiency assessment. By spring of first grade, this percentage had decreased to 2 percent. In the third grade and subsequent years, the OLDS was not administered and all children were assessed in English. Most of the children were in first grade in 1999–2000, but 5 percent were in kindergarten or other grades (e.g., second grade, ungraded classrooms); most were in third

grade in 2001–02, but 11 percent were in second grade or other grades (e.g., fourth grade, ungraded classrooms); most were in fifth grade in 2003–04, but 14 percent were in fourth grade or other grades (e.g., sixth grade, ungraded classrooms); most were in eighth grade in 2006–07, but 14 percent were in seventh grade or other grades (e.g., ninth grade or ungraded classrooms). Data were calculated using C1\_7FC0 weight. Estimates differ from previously published figures because the data were recalibrated to represent the kindergarten through eighth-grade reading assessment item pool. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K), Longitudinal Kindergarten–Eighth Grade Full Sample Public-Use Data File, fall 1998, spring 1999, spring 2000, spring 2002, spring 2004, and spring 2007. (This table was prepared September 2009.)

**Table 139. Mean mathematics and science scale scores and specific mathematics skills of fall 1998 first-time kindergartners, by time of assessment and selected characteristics: Selected years, fall 1998 through spring 2007**

[Standard errors appear in parentheses]

Selected characteristic	Mathematics									Science		
	Mean scale score						Percentage of children with specific skills, eighth grade, spring 2007			Mean scale score		
	Kindergarten		First grade, spring 2000	Third grade, spring 2002	Fifth grade, spring 2004	Eighth grade, spring 2007	Rate and measurement	Fractions	Area and volume	Third grade, spring 2002	Fifth grade, spring 2004	Eighth grade, spring 2007
	Fall 1998	Spring 1999										
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total</b> .....	<b>26 (0.2)</b>	<b>37 (0.3)</b>	<b>62 (0.4)</b>	<b>100 (0.7)</b>	<b>124 (0.7)</b>	<b>140 (0.6)</b>	<b>68 (0.9)</b>	<b>38 (1.0)</b>	<b>16 (0.8)</b>	<b>51 (0.4)</b>	<b>65 (0.4)</b>	<b>84 (0.5)</b>
Sex												
Male.....	26 (0.3)	37 (0.4)	63 (0.6)	103 (0.8)	126 (0.9)	141 (0.8)	70 (1.3)	40 (1.3)	18 (1.0)	53 (0.6)	67 (0.6)	85 (0.7)
Female.....	26 (0.3)	37 (0.4)	61 (0.5)	97 (0.9)	121 (1.0)	139 (0.8)	65 (1.3)	35 (1.4)	14 (1.0)	49 (0.6)	63 (0.6)	82 (0.6)
Race/ethnicity												
White.....	29 (0.3)	40 (0.4)	67 (0.6)	106 (0.8)	130 (0.8)	146 (0.6)	77 (1.0)	46 (1.3)	21 (1.1)	56 (0.5)	70 (0.4)	89 (0.5)
Black.....	22 (0.4)	31 (0.6)	52 (0.8)	84 (1.8)	105 (1.8)	123 (1.6)	40 (2.3)	13 (1.8)	4 (1.2)	40 (1.1)	52 (1.1)	69 (1.3)
Hispanic.....	22 (0.4)	32 (0.5)	57 (0.9)	93 (1.1)	119 (1.1)	136 (1.0)	62 (1.7)	29 (2.1)	10 (1.1)	44 (0.7)	60 (0.7)	78 (0.8)
Asian.....	30 (1.0)	40 (1.2)	65 (1.7)	107 (2.7)	135 (2.4)	150 (2.3)	81 (3.1)	59 (3.8)	38 (3.7)	53 (1.5)	67 (1.6)	89 (1.1)
Other <sup>1</sup> .....	25 (1.0)	36 (1.3)	60 (2.1)	97 (3.3)	122 (3.6)	138 (3.2)	65 (5.2)	34 (4.7)	15 (3.2)	49 (2.0)	63 (2.2)	82 (2.6)
Parents' highest level of education <sup>2</sup>												
Less than high school.....	20 (0.4)	28 (0.6)	49 (1.1)	81 (1.4)	105 (1.9)	122 (2.1)	41 (2.9)	14 (1.9)	3 (0.8)	37 (0.9)	50 (1.0)	68 (1.2)
High school.....	23 (0.3)	33 (0.5)	56 (0.7)	91 (1.0)	114 (1.0)	131 (0.8)	53 (1.4)	21 (1.2)	7 (0.7)	45 (0.6)	59 (0.7)	77 (0.7)
Some college.....	26 (0.3)	37 (0.4)	62 (0.6)	100 (1.0)	124 (0.9)	141 (0.8)	70 (1.3)	35 (1.5)	13 (1.0)	51 (0.6)	65 (0.6)	84 (0.6)
Bachelor's or higher degree.....	31 (0.3)	42 (0.4)	70 (0.6)	111 (0.9)	136 (0.8)	152 (0.7)	85 (1.2)	59 (1.5)	30 (1.4)	59 (0.6)	73 (0.5)	92 (0.4)
Primary home language <sup>2</sup>												
English.....	27 (0.2)	38 (0.3)	63 (0.4)	101 (0.7)	125 (0.8)	141 (0.6)	69 (0.9)	38 (1.0)	16 (0.8)	52 (0.4)	66 (0.5)	84 (0.5)
Non-English.....	21 (0.4)	30 (0.6)	55 (0.8)	91 (1.1)	117 (1.2)	135 (1.1)	58 (1.7)	30 (1.9)	13 (1.2)	41 (0.8)	57 (0.8)	77 (0.9)
Socioeconomic status <sup>2</sup>												
Lowest 20 percent.....	20 (0.3)	28 (0.4)	50 (0.8)	83 (1.1)	105 (1.3)	123 (1.2)	42 (1.8)	14 (1.1)	4 (0.5)	38 (0.8)	51 (0.9)	70 (0.9)
Middle 60 percent.....	26 (0.2)	37 (0.3)	62 (0.4)	99 (0.7)	123 (0.7)	140 (0.6)	67 (0.9)	35 (1.0)	13 (0.8)	51 (0.4)	65 (0.4)	84 (0.5)
Highest 20 percent.....	32 (0.4)	43 (0.5)	72 (0.7)	115 (0.9)	139 (0.9)	154 (0.7)	88 (1.0)	63 (1.8)	33 (1.8)	60 (0.6)	75 (0.6)	94 (0.5)
Grade level in spring 2007												
Eighth-grade or above.....	27 (0.2)	38 (0.3)	65 (0.4)	103 (0.7)	127 (0.8)	143 (0.6)	73 (1.0)	41 (1.1)	18 (0.8)	53 (0.4)	67 (0.4)	86 (0.5)
Below eighth grade.....	20 (0.4)	27 (0.6)	47 (1.2)	79 (1.6)	103 (1.9)	121 (1.8)	37 (2.5)	14 (2.5)	5 (1.5)	40 (1.1)	53 (1.3)	69 (1.4)
School type across all waves of the study												
Public school all years.....	26 (0.2)	36 (0.4)	61 (0.5)	99 (0.9)	122 (0.9)	139 (0.7)	66 (1.1)	35 (1.2)	15 (0.8)	50 (0.5)	64 (0.5)	82 (0.6)
Private school all years.....	31 (0.6)	43 (0.8)	69 (1.0)	107 (1.7)	133 (1.5)	149 (1.3)	82 (2.4)	50 (3.0)	22 (1.9)	56 (1.0)	71 (0.9)	90 (0.8)
Change in school type during study.....	28 (0.7)	39 (0.8)	66 (1.1)	103 (1.5)	128 (1.6)	144 (1.3)	73 (2.0)	44 (2.6)	20 (2.1)	55 (1.0)	69 (1.0)	88 (0.9)

<sup>1</sup>Includes persons of all other races and two or more races.<sup>2</sup>Status during kindergarten year.

NOTE: Mathematics scale ranges from 0 to 172, and science scale ranges from 0 to 108. Estimates for each assessment round include all children assessed in that round, including children assessed in Spanish. In kindergarten and first grade, the mathematics assessment was administered in Spanish for Spanish-speaking children who did not pass the English OLDS (Oral Language Development Scale). All assessments were administered in English in third grade through eighth grade. Most of the children were in first grade in 1999–2000, but 5 percent were in kindergarten or other grades (e.g., second grade, ungraded classrooms); most were in third grade in 2001–02, but 11 percent were in second grade or other grades (e.g., fourth grade,

ungraded classrooms); most were in fifth grade in 2003–04, but 14 percent were in fourth grade or other grades (e.g., sixth grade, ungraded classrooms); most were in eighth grade in 2006–07, but 14 percent were in seventh grade or other grades (e.g., ninth grade or ungraded classrooms). Data were calculated using C1\_7FC0 weight. Estimates differ from previously published figures because the data were recalibrated to represent the kindergarten through eighth-grade mathematics assessment item pool and the third-grade through eighth-grade science assessment item pool. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K), Longitudinal Kindergarten–Eighth Grade Full Sample Public-Use Data File, fall 1998, spring 1999, spring 2000, spring 2002, spring 2004, and spring 2007. (This table was prepared September 2009.)









**Table 143. Percentage of students at or above selected National Assessment of Educational Progress (NAEP) reading achievement levels, by grade and selected student characteristics: Selected years, 1998 through 2011**

[Standard errors appear in parentheses]

Grade and selected student characteristic	1998		2000		2002		2003		2005		2007		2009		2011	
	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>4th grade, all students .....</b>	<b>60 (1.2)</b>	<b>29 (0.9)</b>	<b>59 (1.4)</b>	<b>29 (1.1)</b>	<b>64 (0.5)</b>	<b>31 (0.4)</b>	<b>63 (0.3)</b>	<b>31 (0.3)</b>	<b>64 (0.3)</b>	<b>31 (0.2)</b>	<b>67 (0.3)</b>	<b>33 (0.3)</b>	<b>67 (0.3)</b>	<b>33 (0.4)</b>	<b>67 (0.3)</b>	<b>34 (0.4)</b>
Sex .....																
Male .....	57 (1.3)	27 (1.1)	55 (1.4)	25 (1.2)	61 (0.6)	28 (0.5)	60 (0.4)	28 (0.3)	61 (0.4)	29 (0.3)	64 (0.4)	30 (0.3)	64 (0.3)	30 (0.4)	64 (0.4)	31 (0.4)
Female .....	62 (1.5)	32 (1.2)	64 (1.6)	34 (1.4)	67 (0.6)	35 (0.5)	67 (0.4)	35 (0.4)	67 (0.3)	34 (0.3)	70 (0.3)	36 (0.4)	70 (0.4)	36 (0.4)	71 (0.4)	37 (0.5)
Race/ethnicity .....																
White .....	70 (1.3)	37 (1.2)	70 (1.2)	38 (1.2)	75 (0.4)	41 (0.5)	75 (0.3)	41 (0.4)	76 (0.3)	41 (0.3)	78 (0.3)	43 (0.4)	78 (0.3)	42 (0.4)	78 (0.3)	44 (0.4)
Black .....	36 (1.8)	10 (1.1)	35 (1.6)	10 (1.0)	40 (0.7)	12 (0.5)	40 (0.5)	13 (0.4)	42 (0.5)	13 (0.3)	46 (0.6)	14 (0.4)	48 (0.8)	16 (0.5)	49 (0.6)	17 (0.5)
Hispanic .....	37 (3.2)	13 (1.7)	37 (3.0)	13 (1.8)	44 (1.4)	15 (0.7)	44 (0.7)	15 (0.5)	46 (0.7)	16 (0.5)	50 (0.6)	17 (0.6)	49 (0.7)	17 (0.5)	51 (0.8)	18 (0.5)
Asian/Pacific Islander .....	58 (6.1)	30 (4.5)	70 (5.0)	41 (5.7)	70 (2.2)	37 (1.9)	70 (1.5)	38 (1.4)	73 (0.9)	42 (0.9)	77 (1.0)	46 (1.4)	80 (1.0)	49 (1.3)	80 (1.2)	49 (1.7)
American Indian/Alaska Native .....	† (†)	† (†)	63 (10.9)	28 (8.9)	51 (2.8)	22 (2.4)	47 (2.0)	16 (1.5)	48 (1.5)	18 (1.0)	49 (1.4)	18 (1.1)	50 (1.7)	20 (1.4)	47 (1.7)	18 (1.4)
Eligibility for free or reduced-price lunch .....																
Eligible .....	39 (1.8)	13 (1.0)	38 (1.8)	13 (1.1)	46 (0.8)	16 (0.5)	45 (0.4)	15 (0.3)	46 (0.4)	16 (0.3)	50 (0.4)	17 (0.3)	51 (0.4)	17 (0.3)	52 (0.4)	18 (0.3)
Not eligible .....	73 (0.9)	40 (1.2)	73 (1.4)	39 (1.5)	77 (0.5)	42 (0.7)	76 (0.3)	42 (0.5)	77 (0.2)	42 (0.3)	79 (0.3)	44 (0.4)	80 (0.3)	45 (0.4)	82 (0.3)	48 (0.5)
Unknown .....	69 (3.0)	37 (3.8)	71 (2.4)	40 (2.4)	71 (1.9)	39 (1.6)	76 (0.9)	43 (1.1)	77 (1.1)	45 (1.4)	80 (1.3)	46 (1.8)	81 (1.9)	50 (1.9)	82 (1.0)	48 (1.3)
<b>8th grade, all students .....</b>	<b>73 (0.8)</b>	<b>32 (1.1)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>75 (0.5)</b>	<b>33 (0.5)</b>	<b>74 (0.3)</b>	<b>32 (0.3)</b>	<b>73 (0.2)</b>	<b>31 (0.2)</b>	<b>74 (0.2)</b>	<b>31 (0.2)</b>	<b>75 (0.3)</b>	<b>32 (0.4)</b>	<b>76 (0.3)</b>	<b>34 (0.3)</b>
Sex .....																
Male .....	67 (1.2)	26 (1.2)	— (†)	— (†)	71 (0.5)	28 (0.6)	69 (0.3)	27 (0.3)	68 (0.3)	26 (0.3)	69 (0.4)	26 (0.3)	71 (0.4)	28 (0.4)	72 (0.4)	29 (0.3)
Female .....	80 (0.9)	39 (1.3)	— (†)	— (†)	80 (0.5)	38 (0.6)	79 (0.3)	38 (0.3)	78 (0.2)	36 (0.3)	79 (0.3)	36 (0.3)	79 (0.4)	37 (0.5)	80 (0.3)	38 (0.4)
Race/ethnicity .....																
White .....	81 (0.9)	39 (1.3)	— (†)	— (†)	84 (0.4)	41 (0.6)	83 (0.2)	41 (0.3)	82 (0.2)	39 (0.3)	84 (0.3)	40 (0.3)	84 (0.2)	41 (0.4)	85 (0.2)	43 (0.4)
Black .....	53 (1.8)	13 (1.5)	— (†)	— (†)	55 (1.0)	13 (0.7)	54 (0.6)	13 (0.4)	52 (0.6)	12 (0.4)	55 (0.6)	13 (0.4)	57 (0.6)	14 (0.5)	59 (0.7)	15 (0.5)
Hispanic .....	53 (2.4)	14 (1.0)	— (†)	— (†)	57 (1.3)	15 (0.8)	56 (0.9)	15 (0.6)	56 (0.6)	15 (0.4)	58 (0.5)	15 (0.4)	61 (0.8)	17 (0.6)	64 (0.8)	19 (0.5)
Asian/Pacific Islander .....	75 (8.8)	33 (5.6)	— (†)	— (†)	76 (2.0)	36 (1.9)	79 (1.2)	40 (1.6)	80 (0.8)	40 (1.2)	80 (1.1)	41 (1.1)	83 (1.1)	45 (1.7)	83 (1.0)	47 (1.4)
American Indian/Alaska Native .....	† (†)	† (†)	— (†)	— (†)	61 (4.6)	17 (2.3)	57 (3.3)	17 (1.7)	59 (2.1)	17 (1.7)	56 (1.9)	18 (1.3)	62 (2.0)	21 (1.2)	63 (1.4)	22 (1.7)
Eligibility for free or reduced-price lunch .....																
Eligible .....	56 (1.3)	14 (1.0)	— (†)	— (†)	60 (0.7)	17 (0.5)	57 (0.5)	16 (0.3)	57 (0.4)	15 (0.3)	58 (0.4)	15 (0.2)	60 (0.5)	16 (0.3)	63 (0.5)	18 (0.3)
Not eligible .....	80 (1.0)	38 (1.5)	— (†)	— (†)	84 (0.5)	40 (0.6)	82 (0.3)	40 (0.4)	81 (0.3)	39 (0.2)	83 (0.3)	40 (0.4)	85 (0.3)	42 (0.5)	86 (0.3)	45 (0.4)
Unknown .....	80 (1.9)	43 (2.5)	— (†)	— (†)	81 (1.0)	41 (1.7)	81 (0.9)	42 (1.2)	84 (1.0)	45 (1.3)	86 (1.0)	48 (1.6)	89 (1.3)	51 (1.8)	90 (0.8)	54 (1.4)
<b>12th grade, all students .....</b>	<b>76 (0.7)</b>	<b>40 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>74 (0.8)</b>	<b>36 (0.8)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>73 (0.8)</b>	<b>35 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>74 (0.6)</b>	<b>38 (0.8)</b>	<b>— (†)</b>	<b>— (†)</b>
Sex .....																
Male .....	70 (0.9)	32 (0.9)	— (†)	— (†)	67 (0.9)	28 (1.0)	— (†)	— (†)	67 (0.9)	29 (0.9)	— (†)	— (†)	69 (0.8)	32 (0.9)	— (†)	— (†)
Female .....	83 (0.8)	48 (1.1)	— (†)	— (†)	80 (1.0)	44 (1.0)	— (†)	— (†)	78 (0.9)	41 (0.9)	— (†)	— (†)	80 (0.6)	43 (1.0)	— (†)	— (†)
Race/ethnicity .....																
White .....	82 (0.7)	47 (0.9)	— (†)	— (†)	79 (0.8)	42 (1.0)	— (†)	— (†)	79 (0.8)	43 (0.9)	— (†)	— (†)	81 (0.5)	46 (0.8)	— (†)	— (†)
Black .....	57 (1.9)	17 (1.4)	— (†)	— (†)	54 (2.3)	16 (1.2)	— (†)	— (†)	54 (1.5)	16 (1.2)	— (†)	— (†)	57 (1.3)	17 (1.2)	— (†)	— (†)
Hispanic .....	62 (2.5)	24 (1.5)	— (†)	— (†)	61 (2.3)	22 (1.8)	— (†)	— (†)	60 (1.9)	20 (1.3)	— (†)	— (†)	61 (1.1)	22 (1.3)	— (†)	— (†)
Asian/Pacific Islander .....	74 (3.1)	38 (2.9)	— (†)	— (†)	73 (2.9)	34 (2.9)	— (†)	— (†)	74 (2.3)	36 (2.3)	— (†)	— (†)	81 (1.5)	49 (2.9)	— (†)	— (†)
American Indian/Alaska Native .....	† (†)	† (†)	— (†)	— (†)	† (†)	† (†)	— (†)	— (†)	67 (10.1)	26 (8.6)	— (†)	— (†)	70 (6.4)	29 (5.5)	— (†)	— (†)
Eligibility for free or reduced-price lunch .....																
Eligible .....	56 (1.6)	19 (1.4)	— (†)	— (†)	60 (1.7)	22 (1.4)	— (†)	— (†)	59 (1.4)	20 (0.8)	— (†)	— (†)	61 (0.8)	21 (1.1)	— (†)	— (†)
Not eligible .....	79 (0.6)	43 (0.8)	— (†)	— (†)	76 (1.0)	38 (1.1)	— (†)	— (†)	76 (0.8)	39 (0.8)	— (†)	— (†)	79 (0.6)	44 (0.9)	— (†)	— (†)
Unknown .....	81 (1.6)	45 (2.0)	— (†)	— (†)	80 (1.7)	43 (2.0)	— (†)	— (†)	80 (2.0)	46 (2.1)	— (†)	— (†)	81 (2.3)	48 (3.0)	— (†)	— (†)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.<sup>2</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: Includes public and private schools. Includes students tested with accommodations (1 to 10 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 6 percent of all students). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1998, 2000, 2002, 2003, 2005, 2007, 2009, and 2011 Reading Assessments, retrieved August 8, 2012, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2012.)

**Table 144. Average National Assessment of Educational Progress (NAEP) reading scale scores and percentage distribution of students, by age, amount of reading for school and for fun, and time spent on homework and watching TV/video: Selected years, 1984 through 2008**  
[Standard errors appear in parentheses]

Amount of reading for school and for fun; time spent on homework and watching TV/video	9-year-olds					13-year-olds					17-year-olds				
	1984	1994	1999	2004	2008	1984	1994	1999	2004	2008	1984	1994	1999	2004	2008
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Average scale score															
Pages read daily in school and for homework															
5 or fewer .....	208 (0.9)	203 (2.3)	202 (1.8)	206 (1.5)	210 (1.1)	250 (0.8)	249 (1.7)	249 (2.0)	245 (1.4)	250 (1.2)	273 (0.8)	271 (1.9)	273 (2.7)	269 (1.4)	271 (1.3)
6-10 .....	215 (1.0)	214 (1.7)	212 (1.7)	217 (1.4)	219 (1.3)	261 (0.6)	261 (1.4)	262 (1.7)	257 (1.1)	258 (1.2)	287 (0.9)	284 (2.1)	285 (1.7)	283 (1.5)	284 (1.4)
11-15 .....	220 (1.4)	217 (2.3)	221 (2.4)	222 (1.6)	224 (1.4)	264 (1.0)	266 (1.8)	263 (2.1)	263 (1.5)	263 (1.1)	294 (0.9)	288 (1.9)	292 (2.1)	290 (2.0)	290 (1.6)
16-20 .....	215 (1.4)	209 (2.9)	214 (2.0)	220 (1.4)	225 (1.5)	263 (1.1)	263 (2.0)	264 (2.6)	266 (1.9)	267 (1.6)	296 (1.1)	298 (2.8)	292 (2.9)	293 (1.6)	296 (1.5)
More than 20 .....	215 (1.6)	217 (2.4)	217 (2.1)	218 (1.1)	226 (1.2)	261 (1.5)	261 (2.0)	265 (2.0)	261 (1.6)	267 (1.4)	300 (1.2)	304 (2.2)	302 (1.9)	298 (1.9)	303 (1.3)
Frequency of reading for fun															
Almost every day .....	214 (1.1)	215 (2.3)	215 (2.4)	—	225 (1.2)	264 (1.4)	272 (3.2)	272 (3.2)	—	274 (1.4)	297 (1.5)	302 (4.2)	301 (4.9)	—	302 (1.3)
Once or twice a week .....	212 (1.7)	214 (3.1)	215 (2.6)	—	225 (1.3)	255 (1.4)	255 (3.1)	263 (3.2)	—	264 (1.1)	290 (1.7)	286 (4.1)	289 (2.9)	—	291 (1.7)
Once or twice a month .....	204 (3.3)	213 (5.8)	211 (4.2)	—	221 (1.7)	255 (2.1)	255 (5.7)	260 (3.7)	—	261 (1.3)	290 (1.8)	286 (4.5)	286 (4.8)	—	288 (1.3)
A few times a year .....	197 (4.2)	—	—	—	212 (2.0)	252 (3.6)	252 (5.4)	253 (4.4)	—	254 (1.3)	279 (2.7)	281 (8.2)	283 (4.4)	—	287 (1.5)
Never or hardly ever .....	198 (2.7)	193 (3.9)	195 (3.3)	—	211 (1.2)	239 (2.5)	237 (5.1)	242 (5.3)	—	247 (0.9)	269 (2.4)	258 (5.2)	262 (5.0)	—	269 (1.1)
Time spent on homework yesterday															
No homework assigned .....	212 (1.0)	213 (2.0)	210 (1.9)	215 (1.5)	219 (1.7)	254 (1.0)	250 (1.7)	251 (2.0)	248 (1.7)	251 (1.2)	276 (0.8)	273 (2.3)	275 (2.3)	268 (1.6)	272 (1.3)
Didn't do assignment .....	199 (2.3)	200 (4.3)	204 (4.4)	194 (3.0)	201 (2.6)	247 (1.7)	243 (5.6)	249 (4.2)	245 (2.1)	242 (2.4)	287 (1.4)	285 (2.1)	282 (3.1)	277 (1.7)	284 (1.7)
Less than 1 hour .....	217 (0.8)	212 (1.4)	214 (1.5)	219 (1.2)	223 (0.9)	261 (0.6)	261 (1.3)	262 (1.2)	258 (1.2)	260 (0.9)	290 (0.9)	288 (1.6)	291 (2.3)	286 (1.2)	288 (1.1)
1 to 2 hours .....	216 (1.4)	214 (3.0)	215 (3.2)	218 (1.9)	222 (1.6)	267 (0.8)	268 (1.7)	269 (1.6)	266 (1.4)	269 (1.2)	296 (0.8)	297 (1.7)	296 (2.0)	294 (1.5)	295 (1.1)
More than 2 hours .....	201 (1.9)	193 (6.1)	197 (3.5)	198 (3.6)	207 (3.1)	264 (1.2)	270 (2.4)	269 (3.0)	259 (2.3)	277 (1.9)	303 (1.4)	306 (3.1)	300 (2.8)	300 (2.4)	306 (2.2)
TV/video watched on school day															
None .....	212 (3.4)	212 (4.8)	221 (4.6)	—	223 (3.0)	264 (2.7)	270 (5.1)	265 (6.0)	—	267 (3.0)	300 (1.6)	308 (3.4)	300 (2.8)	—	292 (2.4)
1 hour or less .....	217 (1.5)	216 (3.8)	218 (2.1)	—	225 (1.2)	269 (1.1)	270 (1.5)	270 (1.6)	—	267 (1.2)	300 (1.3)	309 (3.2)	298 (2.0)	—	293 (1.2)
2 hours .....	222 (1.1)	219 (2.1)	221 (1.7)	—	229 (1.1)	268 (0.8)	268 (1.1)	268 (1.6)	—	266 (1.1)	295 (0.9)	292 (1.8)	292 (2.1)	—	290 (1.1)
3 hours .....	220 (1.2)	218 (3.2)	218 (2.3)	—	227 (1.3)	264 (0.7)	262 (1.4)	263 (1.5)	—	262 (1.3)	288 (1.0)	284 (2.0)	282 (2.3)	—	284 (1.3)
4 hours .....	219 (1.0)	212 (1.8)	214 (2.4)	—	223 (1.4)	262 (0.9)	262 (2.2)	254 (2.2)	—	255 (1.5)	284 (1.0)	276 (4.1)	273 (2.2)	—	276 (2.3)
5 hours .....	214 (1.4)	209 (2.7)	208 (3.0)	—	219 (2.2)	257 (1.0)	250 (3.0)	253 (3.2)	—	255 (2.6)	277 (1.5)	269 (4.0)	275 (3.8)	—	273 (2.4)
6 hours or more .....	199 (0.8)	192 (2.7)	191 (1.7)	—	205 (1.2)	245 (1.0)	234 (3.1)	238 (1.8)	—	238 (1.4)	269 (1.5)	256 (3.7)	256 (5.2)	—	256 (2.3)
Percentage distribution															
Pages read daily in school and for homework															
5 or fewer .....	36 (0.8)	28 (1.4)	28 (1.4)	25 (0.9)	25 (0.9)	27 (0.7)	26 (0.9)	23 (1.0)	25 (0.8)	26 (0.8)	21 (0.8)	21 (1.2)	23 (1.4)	31 (0.9)	30 (0.9)
6-10 .....	35 (0.4)	26 (0.6)	24 (0.9)	20 (0.5)	20 (0.5)	34 (0.5)	31 (0.8)	31 (1.1)	25 (0.7)	26 (0.7)	25 (0.6)	25 (0.6)	24 (0.8)	24 (0.6)	23 (0.5)
11-15 .....	14 (0.4)	14 (0.5)	15 (0.7)	14 (0.6)	14 (0.5)	18 (0.4)	17 (0.5)	18 (0.8)	16 (0.5)	17 (0.5)	18 (0.3)	18 (0.6)	17 (0.6)	15 (0.5)	16 (0.5)
16-20 .....	13 (0.4)	14 (0.9)	14 (0.7)	13 (0.6)	14 (0.6)	11 (0.2)	13 (0.5)	13 (0.7)	12 (0.5)	13 (0.4)	14 (0.5)	13 (0.6)	14 (0.8)	11 (0.5)	12 (0.4)
More than 20 .....	13 (0.5)	17 (1.0)	19 (1.0)	29 (1.0)	28 (0.8)	11 (0.5)	14 (0.8)	16 (1.0)	21 (0.7)	22 (0.9)	21 (0.9)	23 (1.5)	22 (1.2)	19 (0.9)	19 (0.7)
Frequency of reading for fun															
Almost every day .....	53 (1.0)	58 (1.6)	54 (1.6)	—	48 (0.7)	35 (1.0)	32 (1.8)	28 (1.7)	—	26 (0.7)	31 (0.8)	30 (2.8)	25 (1.7)	—	20 (0.6)
Once or twice a week .....	28 (0.8)	29 (1.5)	26 (1.5)	—	26 (0.9)	35 (1.2)	32 (2.1)	36 (1.7)	—	26 (0.9)	33 (1.1)	31 (2.8)	28 (2.7)	—	22 (0.5)
Once or twice a month .....	7 (0.3)	6 (0.6)	4 (0.6)	—	8 (0.4)	14 (0.9)	14 (1.7)	17 (1.6)	—	13 (0.4)	17 (1.7)	15 (1.5)	13 (1.7)	—	17 (0.5)
A few times a year .....	9 (0.5)	9 (0.8)	10 (0.8)	—	14 (0.6)	8 (0.6)	10 (1.2)	10 (1.4)	—	12 (0.4)	10 (0.5)	13 (1.4)	13 (1.4)	—	16 (0.5)
Never or hardly ever .....	—	—	—	—	—	—	12 (1.7)	9 (1.4)	—	24 (0.7)	9 (0.6)	12 (1.4)	16 (2.4)	—	24 (0.6)
Time spent on homework yesterday															
No homework assigned .....	35 (1.3)	32 (2.1)	26 (1.6)	23 (1.5)	18 (1.3)	22 (0.7)	23 (1.4)	24 (1.2)	20 (1.2)	23 (1.2)	22 (0.9)	23 (1.4)	26 (1.0)	26 (1.0)	28 (0.8)
Didn't do assignment .....	4 (0.3)	4 (0.4)	4 (0.3)	4 (0.3)	5 (0.3)	4 (0.2)	6 (0.6)	5 (0.4)	7 (0.3)	7 (0.3)	11 (0.3)	11 (0.6)	13 (0.7)	15 (0.6)	12 (0.4)
Less than 1 hour .....	41 (1.0)	48 (1.7)	53 (1.4)	55 (1.2)	60 (0.9)	36 (0.6)	34 (1.0)	37 (1.4)	42 (0.8)	43 (1.2)	26 (0.4)	27 (0.9)	26 (1.0)	29 (0.7)	27 (0.5)
1 to 2 hours .....	13 (0.4)	11 (0.7)	12 (0.7)	13 (0.6)	16 (0.5)	29 (0.5)	28 (1.0)	26 (0.8)	24 (0.7)	21 (0.7)	27 (0.5)	26 (1.2)	23 (0.8)	21 (0.7)	22 (0.5)
More than 2 hours .....	6 (0.2)	4 (0.4)	5 (0.5)	6 (0.3)	5 (0.3)	9 (0.3)	9 (0.7)	8 (0.8)	8 (0.5)	6 (0.4)	13 (0.5)	13 (0.9)	12 (0.9)	10 (0.6)	10 (0.5)
TV/video watched on school day															
None .....	13 (0.2)	3 (0.2)	4 (0.8)	—	4 (0.3)	2 (0.2)	3 (0.3)	4 (0.6)	—	5 (0.3)	5 (0.3)	6 (0.8)	6 (0.3)	—	6 (0.3)
1 hour or less .....	14 (0.3)	23 (1.0)	24 (0.9)	—	24 (0.9)	12 (0.4)	20 (1.0)	22 (0.8)	—	25 (0.7)	25 (0.5)	31 (0.9)	34 (0.9)	—	33 (0.6)
2 hours .....	16 (0.4)	23 (0.7)	21 (0.9)	—	18 (0.5)	23 (0.5)	22 (0.7)	29 (0.8)	—	25 (0.9)	26 (0.3)	26 (0.8)	26 (0.9)	—	27 (0.6)
3 hours .....	15 (0.3)	16 (0.5)	14 (0.6)	—	13 (0.4)	23 (0.4)	22 (0.8)	20 (0.9)	—	18 (0.5)	20 (0.3)	18 (0.8)	17 (0.7)	—	16 (0.5)
4 hours .....	16 (0.2)	11 (0.3)	9 (0.4)	—	9 (0.4)	17 (0.4)	12 (0.7)	11 (0.5)	—	10 (0.4)	12 (0.3)	12 (0.6)	8 (0.5)	—	8 (0.4)
5 hours .....	10 (0.3)	6 (0.3)	6 (0.4)	—	6 (0.3)	10 (0.3)	7 (0.4)	5 (0.5)	—	6 (0.3)	6 (0.3)	6 (0.5)	4 (0.4)	—	4 (0.2)
6 hours or more .....	30 (0.7)	20 (0.8)	22 (1.2)	—	26 (0.8)	13 (0.4)	10 (0.9)	9 (0.6)	—	13 (0.4)	6 (0.2)	5 (0.4)	5 (0.6)	—	6 (0.4)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

NOTE: The NAEP reading scores have been evaluated at certain performance levels. Scale ranges from 0 to 500. Students scoring 150 (or higher) are able to follow brief written directions and carry out simple, discrete reading tasks. Students scoring 200 are able to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. Students scoring 250 are able to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. Students scoring 300 are able to find, understand, summarize, and explain relatively complicated literary and informational material. Includes public and private schools. Excludes per-

sons not enrolled in school and students who were unable to be tested due to limited proficiency in English or due to a disability. Beginning in 2004, data are for a revised assessment format that provides accommodations for students with disabilities and English language learners. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *NAEP Trends in Academic Progress*, 1996 and 1999; and 2004 and 2008 NAEP Long-Term Trend Reading Assessments, retrieved June 24, 2009, from the Long-Term Trend NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared June 2009.)

**Table 145. Percentage of students at or above selected National Assessment of Educational Progress (NAEP) reading score levels, by age, sex, and race/ethnicity: Selected years, 1971 through 2008**  
[Standard errors appear in parentheses]

Selected characteristic	1971	1975	1980	1984	1988	1990	1992	1994	1996	1999	2004	2008
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>9-year-olds</b>												
<b>Total</b>												
Level 150 .....	91 (0.5)	93 (0.4)	95 (0.4)	92 (0.4)	93 (0.7)	90 (0.9)	92 (0.4)	92 (0.7)	93 (0.6)	93 (0.7)	94 (0.5)	96 (0.4)
Level 200 .....	59 (1.0)	62 (0.8)	68 (1.0)	62 (0.8)	63 (1.3)	59 (1.3)	62 (1.1)	63 (1.4)	64 (1.3)	64 (1.4)	69 (1.0)	73 (0.9)
Level 250 .....	16 (0.6)	15 (0.6)	18 (0.8)	17 (0.7)	17 (1.1)	18 (1.0)	16 (0.8)	17 (1.2)	17 (0.8)	16 (1.0)	19 (0.7)	21 (0.8)
<b>Male</b>												
Level 150 .....	88 (0.7)	91 (0.5)	93 (0.5)	90 (0.5)	90 (0.9)	88 (1.4)	90 (0.8)	90 (1.0)	92 (0.8)	91 (1.1)	92 (0.6)	94 (0.6)
Level 200 .....	53 (1.2)	56 (1.0)	63 (1.1)	58 (1.0)	58 (1.8)	54 (1.9)	57 (1.6)	59 (1.5)	58 (2.0)	61 (1.8)	64 (1.3)	70 (1.2)
Level 250 .....	12 (0.6)	12 (0.6)	15 (0.9)	16 (0.8)	16 (1.4)	16 (1.2)	14 (1.0)	15 (1.2)	14 (1.3)	15 (1.3)	17 (0.8)	19 (1.0)
<b>Female</b>												
Level 150 .....	93 (0.5)	95 (0.3)	96 (0.4)	94 (0.5)	95 (1.0)	92 (1.1)	94 (0.6)	94 (0.8)	95 (0.6)	95 (0.8)	96 (0.5)	97 (0.4)
Level 200 .....	65 (1.1)	68 (0.8)	73 (1.0)	65 (1.0)	67 (1.4)	64 (1.2)	67 (1.2)	67 (1.9)	70 (1.6)	67 (1.6)	73 (1.2)	77 (1.1)
Level 250 .....	19 (0.8)	18 (0.8)	21 (1.0)	18 (0.8)	19 (1.2)	21 (1.2)	18 (1.1)	18 (1.5)	19 (1.3)	17 (1.3)	20 (1.0)	22 (1.0)
<b>White</b>												
Level 150 .....	94 <sup>1</sup> (0.4)	96 (0.3)	97 (0.2)	95 (0.3)	95 (0.7)	94 (0.9)	96 (0.5)	96 (0.5)	96 (0.6)	97 (0.4)	97 (0.4)	98 (0.4)
Level 200 .....	65 <sup>1</sup> (1.0)	69 (0.8)	74 (0.7)	69 (0.9)	68 (1.6)	66 (1.4)	69 (1.2)	70 (1.5)	71 (1.5)	73 (1.6)	77 (1.0)	81 (1.0)
Level 250 .....	18 <sup>1</sup> (0.7)	17 (0.7)	21 (0.9)	21 (0.8)	20 (1.5)	23 (1.2)	20 (1.0)	20 (1.5)	20 (1.1)	20 (1.4)	24 (0.8)	27 (1.1)
<b>Black</b>												
Level 150 .....	70 <sup>1</sup> (1.7)	81 (1.1)	85 (1.4)	81 (1.2)	83 (2.4)	77 (2.7)	80 (2.2)	79 (2.4)	84 (1.9)	82 (2.5)	88 (1.7)	91 (1.1)
Level 200 .....	22 <sup>1</sup> (1.5)	32 (1.5)	41 (1.9)	37 (1.5)	39 (2.9)	34 (3.4)	37 (2.2)	38 (2.8)	42 (3.2)	36 (3.0)	50 (2.3)	58 (2.3)
Level 250 .....	2 <sup>1</sup> (0.5)	2 (0.3)	4 (0.6)	5 (0.5)	6 (1.2)	5 (1.5)	5 (0.8)	4 (1.5)	6 (1.1)	4 (1.1)	7 (0.8)	9 (0.9)
<b>Hispanic</b>												
Level 150 .....	[2] (†)	81 (2.5)	84 (1.8)	82 (3.0)	86 (3.5)	84 (1.8)	83 (2.6)	80 (4.6)	86 (2.4)	87 (3.3)	89 (1.3)	93 (0.8)
Level 200 .....	[2] (†)	35 (3.0)	42 (2.6)	40 (2.7)	46 (3.3)	41 (2.7)	43 (3.5)	37 (4.6)	48 (3.8)	44 (3.4)	53 (1.7)	62 (1.7)
Level 250 .....	[2] (†)	3 (0.5)	5 (1.4)	4 (0.6)	9 (2.3)	6 (2.0)	7 (2.3)	6 (1.6)	7 (3.2)	6 (1.7)	7 (0.8)	10 (1.2)
<b>13-year-olds</b>												
<b>Total</b>												
Level 200 .....	93 (0.5)	93 (0.4)	95 (0.4)	94 (0.3)	95 (0.6)	94 (0.6)	93 (0.7)	92 (0.6)	92 (0.7)	93 (0.7)	92 (0.6)	94 (0.4)
Level 250 .....	58 (1.1)	59 (1.0)	61 (1.1)	59 (0.8)	59 (1.3)	59 (1.0)	62 (1.4)	60 (1.2)	60 (1.3)	61 (1.5)	59 (1.1)	63 (0.8)
Level 300 .....	10 (0.5)	10 (0.5)	11 (0.5)	11 (0.4)	11 (0.8)	11 (0.6)	15 (0.9)	14 (0.8)	14 (1.0)	15 (1.1)	12 (0.8)	13 (0.5)
<b>Male</b>												
Level 200 .....	91 (0.7)	91 (0.5)	93 (0.6)	92 (0.4)	93 (1.0)	91 (0.9)	90 (1.1)	89 (1.1)	89 (1.2)	91 (0.9)	89 (0.8)	92 (0.6)
Level 250 .....	52 (1.2)	52 (1.1)	56 (1.2)	54 (0.9)	52 (1.9)	52 (1.5)	55 (2.0)	53 (1.9)	53 (1.6)	55 (1.9)	55 (1.3)	59 (1.2)
Level 300 .....	7 (0.5)	7 (0.4)	9 (0.7)	9 (0.5)	9 (0.9)	8 (0.8)	13 (1.1)	10 (0.7)	10 (1.0)	11 (1.1)	11 (0.9)	11 (0.7)
<b>Female</b>												
Level 200 .....	95 (0.4)	96 (0.4)	96 (0.4)	96 (0.3)	97 (0.6)	96 (0.6)	95 (0.7)	95 (0.6)	95 (0.6)	96 (0.7)	95 (0.6)	96 (0.5)
Level 250 .....	64 (1.1)	65 (1.2)	65 (1.1)	64 (0.8)	65 (1.4)	65 (1.5)	68 (1.4)	68 (1.7)	66 (1.6)	66 (1.9)	65 (1.3)	66 (1.0)
Level 300 .....	12 (0.6)	13 (0.7)	13 (0.6)	13 (0.6)	13 (0.9)	14 (0.9)	18 (1.1)	18 (1.1)	17 (1.3)	18 (1.7)	14 (1.0)	16 (0.9)
<b>White</b>												
Level 200 .....	96 <sup>1</sup> (0.3)	96 (0.2)	97 (0.2)	96 (0.2)	96 (0.6)	96 (0.6)	96 (0.6)	95 (0.7)	95 (0.5)	96 (0.6)	95 (0.5)	96 (0.4)
Level 250 .....	64 <sup>1</sup> (0.9)	65 (0.9)	68 (0.8)	65 (0.8)	64 (1.5)	65 (1.2)	68 (1.4)	68 (1.3)	69 (1.4)	69 (1.7)	68 (1.1)	72 (1.2)
Level 300 .....	11 <sup>1</sup> (0.5)	12 (0.5)	14 (0.6)	13 (0.6)	12 (0.9)	13 (0.9)	18 (1.1)	17 (1.0)	17 (1.3)	18 (1.4)	16 (0.9)	18 (0.8)
<b>Black</b>												
Level 200 .....	74 <sup>1</sup> (1.7)	77 (1.3)	84 (1.7)	85 (1.2)	91 (2.2)	88 (2.3)	82 (2.7)	81 (2.3)	82 (3.2)	85 (2.3)	86 (1.5)	91 (1.1)
Level 250 .....	21 <sup>1</sup> (1.2)	25 (1.6)	30 (2.0)	35 (1.3)	40 (2.3)	42 (3.5)	38 (2.7)	36 (3.5)	34 (3.9)	38 (2.7)	40 (2.3)	48 (2.3)
Level 300 .....	1 <sup>1</sup> (0.2)	2 (0.3)	2 (0.5)	3 (0.6)	5 (1.2)	5 (0.8)	6 (1.4)	4 (1.2)	3 (0.9)	5 (1.4)	4 (0.7)	6 (0.8)
<b>Hispanic</b>												
Level 200 .....	[2] (†)	81 (2.3)	87 (2.4)	86 (1.7)	87 (2.6)	86 (2.4)	83 (3.5)	82 (2.7)	85 (3.2)	89 (2.8)	85 (1.9)	87 (1.3)
Level 250 .....	[2] (†)	32 (3.6)	35 (2.6)	39 (2.3)	38 (4.4)	37 (2.9)	41 (5.1)	34 (3.9)	38 (3.7)	43 (3.8)	44 (2.3)	44 (1.8)
Level 300 .....	[2] (†)	2 (1.0)	2 (0.6)	4 (1.0)	4 (1.9)	4 (1.2)	6 (1.9)	4 (1.8)	5 (1.7)	6 (1.8)	5 (1.2)	5 (0.6)
<b>17-year-olds</b>												
<b>Total</b>												
Level 250 .....	79 (0.9)	80 (0.7)	81 (0.9)	83 (0.6)	86 (0.8)	84 (1.0)	83 (0.8)	81 (1.0)	82 (0.8)	82 (1.0)	79 (0.9)	80 (0.6)
Level 300 .....	39 (1.0)	39 (0.8)	38 (1.1)	40 (1.0)	41 (1.5)	41 (1.0)	43 (1.1)	41 (1.2)	39 (1.4)	40 (1.4)	36 (1.2)	39 (0.8)
<b>Male</b>												
Level 250 .....	74 (1.0)	76 (0.8)	78 (1.0)	80 (0.7)	83 (1.4)	80 (1.4)	78 (1.2)	76 (1.5)	77 (1.2)	77 (1.5)	73 (1.2)	76 (0.8)
Level 300 .....	34 (1.1)	34 (1.0)	35 (1.3)	36 (1.0)	37 (2.3)	36 (1.5)	38 (1.6)	36 (1.9)	34 (1.9)	34 (1.7)	32 (1.2)	35 (0.9)
<b>Female</b>												
Level 250 .....	83 (1.0)	84 (0.9)	84 (1.0)	87 (0.6)	88 (1.1)	89 (1.0)	87 (1.1)	86 (1.2)	87 (1.0)	87 (1.0)	84 (0.9)	84 (0.8)
Level 300 .....	44 (1.2)	44 (0.9)	41 (1.2)	45 (1.1)	44 (2.0)	47 (1.3)	48 (1.5)	46 (1.5)	45 (1.7)	45 (1.8)	41 (1.6)	43 (1.0)
<b>White</b>												
Level 250 .....	84 <sup>1</sup> (0.7)	86 (0.6)	87 (0.6)	88 (0.5)	89 (0.9)	88 (1.1)	88 (0.9)	86 (1.1)	87 (0.8)	87 (1.3)	83 (0.9)	87 (0.6)
Level 300 .....	43 <sup>1</sup> (0.9)	44 (0.8)	43 (1.1)	47 (1.1)	45 (1.6)	48 (1.2)	50 (1.4)	48 (1.4)	46 (1.5)	46 (1.5)	42 (1.3)	47 (1.0)
<b>Black</b>												
Level 250 .....	40 <sup>1</sup> (1.6)	43 (1.6)	44 (2.0)	65 (1.5)	76 (2.4)	69 (2.8)	61 (2.3)	66 (4.1)	68 (4.0)	66 (2.5)	64 (2.2)	67 (2.4)
Level 300 .....	8 <sup>1</sup> (0.9)	8 (0.7)	7 (0.8)	16 (1.0)	25 (3.1)	20 (1.8)	17 (2.5)	22 (3.7)	18 (2.2)	17 (1.7)	16 (1.8)	21 (1.5)
<b>Hispanic</b>												
Level 250 .....	[2] (†)	53 (4.1)	62 (3.1)	68 (2.4)	71 (4.8)	75 (4.7)	69 (4.0)	63 (4.4)	65 (4.2)	68 (4.3)	67 (2.4)	70 (1.5)
Level 300 .....	[2] (†)	13 (2.7)	17 (2.1)	21 (3.0)	23 (3.7)	27 (3.3)	27 (3.2)	20 (3.0)	20 (4.8)	24 (3.8)	23 (2.1)	22 (1.0)

†Not applicable.

<sup>1</sup>Data for 1971 include persons of Hispanic ethnicity.<sup>2</sup>Test scores of Hispanics were not tabulated separately.

NOTE: The NAEP reading scores have been evaluated at certain performance levels. Scale ranges from 0 to 500. Students scoring 150 (or higher) are able to follow brief written directions and carry out simple, discrete reading tasks. Students scoring 200 are able to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. Students scoring 250 are able to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. Students scoring 300 are able to find, understand, summarize, and explain relatively complicated literary and informational material. Includes public and private

schools. Excludes persons not enrolled in school and students who were unable to be tested due to limited proficiency in English or due to a disability. Beginning in 2004, data are for a revised assessment format that provides accommodations for students with disabilities and English language learners. Race categories exclude persons of Hispanic ethnicity, except where noted.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *NAEP 1999 Trends in Academic Progress*; and 2004 and 2008 Long-Term Trend Reading Assessments, retrieved May 12, 2009, from the Long-Term Trend NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared May 2009.)

**Table 146. Average National Assessment of Educational Progress (NAEP) reading scale score of 4th-grade public school students and percentage attaining reading achievement levels, by state: Selected years, 1992 through 2011**  
[Standard errors appear in parentheses]

State	Average scale score <sup>1</sup>										Percent attaining reading achievement levels, 2011		
	1992	1994	1998	2002	2003	2005	2007	2009	2011	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>	At Advanced <sup>4</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	
<b>United States .....</b>	<b>215 (1.0)</b>	<b>212 (1.1)</b>	<b>213 (1.2)</b>	<b>217 (0.5)</b>	<b>216 (0.3)</b>	<b>217 (0.2)</b>	<b>220 (0.3)</b>	<b>220 (0.3)</b>	<b>220 (0.3)</b>	<b>66 (0.4)</b>	<b>32 (0.4)</b>	<b>7 (0.2)</b>	
Alabama .....	207 (1.7)	208 (1.5)	211 (1.9)	207 (1.4)	207 (1.7)	208 (1.2)	216 (1.3)	216 (1.2)	220 (1.3)	67 (1.7)	31 (1.5)	7 (0.8)	
Alaska .....	— (†)	— (†)	— (†)	— (†)	212 (1.6)	211 (1.4)	214 (1.0)	211 (1.2)	208 (1.1)	56 (1.4)	26 (1.1)	5 (0.7)	
Arizona .....	209 (1.2)	206 (1.9)	206 (1.4)	205 (1.5)	209 (1.2)	207 (1.6)	210 (1.6)	210 (1.2)	212 (1.2)	58 (1.4)	26 (1.3)	5 (0.6)	
Arkansas .....	211 (1.2)	209 (1.7)	209 (1.6)	213 (1.4)	214 (1.4)	217 (1.1)	217 (1.2)	216 (1.1)	217 (1.0)	63 (1.2)	30 (1.1)	6 (0.6)	
California <sup>5,6</sup> .....	202 (2.0)	197 (1.8)	202 (2.5)	206 (2.5)	206 (1.2)	207 (0.7)	209 (1.0)	210 (1.5)	211 (1.8)	56 (2.1)	25 (2.0)	6 (1.0)	
Colorado .....	217 (1.1)	213 (1.3)	220 (1.4)	— (†)	224 (1.2)	224 (1.1)	224 (1.1)	226 (1.2)	223 (1.3)	71 (1.4)	39 (1.5)	9 (0.9)	
Connecticut .....	222 (1.3)	222 (1.6)	230 (1.6)	229 (1.1)	228 (1.1)	226 (1.0)	227 (1.3)	229 (1.1)	227 (1.3)	73 (1.5)	42 (1.5)	12 (0.9)	
Delaware <sup>7</sup> .....	213 (0.6)	206 (1.1)	207 (1.7)	224 (0.6)	224 (0.7)	226 (0.8)	225 (0.7)	226 (0.5)	225 (0.7)	72 (1.0)	36 (1.2)	7 (0.7)	
District of Columbia .....	188 (0.8)	179 (0.9)	179 (1.2)	191 (0.9)	188 (0.9)	191 (1.0)	197 (0.9)	202 (1.0)	201 (0.8)	44 (0.9)	19 (0.8)	6 (0.6)	
Florida .....	208 (1.2)	205 (1.7)	206 (1.4)	214 (1.4)	218 (1.1)	220 (0.9)	224 (0.8)	226 (1.0)	225 (1.1)	71 (1.4)	35 (1.4)	8 (0.7)	
Georgia .....	212 (1.5)	207 (2.4)	209 (1.4)	215 (1.0)	214 (1.3)	214 (1.2)	219 (0.9)	218 (1.1)	221 (1.1)	66 (1.4)	32 (1.3)	7 (0.6)	
Hawaii .....	203 (1.7)	201 (1.7)	200 (1.5)	208 (0.9)	208 (1.4)	210 (1.0)	213 (1.1)	211 (1.0)	214 (1.0)	59 (1.2)	27 (1.1)	6 (0.7)	
Idaho .....	219 (0.9)	† (†)	— (†)	220 (1.1)	218 (1.0)	222 (0.9)	223 (0.8)	221 (0.9)	221 (0.8)	69 (1.1)	33 (1.0)	6 (0.6)	
Illinois .....	— (†)	— (†)	† (†)	† (†)	216 (1.6)	217 (1.2)	219 (1.2)	219 (1.4)	219 (1.1)	65 (1.2)	33 (1.2)	9 (0.7)	
Indiana .....	221 (1.3)	220 (1.3)	— (†)	222 (1.4)	220 (1.0)	218 (1.1)	222 (0.9)	223 (1.1)	221 (0.9)	68 (1.2)	33 (1.0)	6 (0.6)	
Iowa <sup>5,6</sup> .....	225 (1.1)	223 (1.3)	220 (1.6)	223 (1.1)	223 (1.1)	221 (0.9)	225 (1.1)	221 (1.2)	221 (0.8)	69 (0.9)	33 (0.9)	6 (0.6)	
Kansas <sup>5,6</sup> .....	— (†)	— (†)	221 (1.4)	222 (1.4)	220 (1.2)	221 (1.3)	225 (1.1)	224 (1.3)	224 (1.0)	71 (1.1)	36 (1.5)	8 (0.7)	
Kentucky .....	213 (1.3)	212 (1.6)	218 (1.5)	219 (1.1)	219 (1.3)	220 (1.1)	222 (1.1)	226 (1.1)	225 (1.0)	72 (1.3)	35 (1.5)	8 (0.7)	
Louisiana .....	204 (1.2)	197 (1.3)	200 (1.6)	207 (1.7)	205 (1.4)	209 (1.3)	207 (1.6)	207 (1.1)	210 (1.4)	55 (1.8)	23 (1.4)	4 (0.5)	
Maine .....	227 (1.1)	228 (1.3)	225 (1.4)	225 (1.1)	224 (0.9)	225 (0.9)	226 (0.9)	224 (0.9)	222 (0.7)	70 (1.0)	32 (1.3)	6 (0.5)	
Maryland .....	211 (1.6)	210 (1.5)	212 (1.6)	217 (1.5)	219 (1.4)	220 (1.3)	225 (1.1)	226 (1.4)	231 (0.9)	75 (1.0)	43 (1.2)	14 (1.0)	
Massachusetts <sup>5</sup> .....	226 (0.9)	223 (1.3)	223 (1.4)	234 (1.1)	228 (1.2)	231 (0.9)	236 (1.1)	234 (1.1)	237 (1.0)	83 (1.2)	50 (1.5)	16 (1.1)	
Michigan .....	216 (1.5)	† (†)	216 (1.5)	219 (1.1)	219 (1.2)	218 (1.5)	220 (1.4)	218 (1.0)	219 (1.2)	66 (1.4)	31 (1.4)	6 (0.7)	
Minnesota <sup>5,6</sup> .....	221 (1.2)	218 (1.4)	219 (1.7)	225 (1.1)	223 (1.1)	225 (1.3)	225 (1.1)	223 (1.3)	222 (1.2)	70 (1.4)	35 (1.5)	8 (0.8)	
Mississippi .....	199 (1.3)	202 (1.6)	203 (1.3)	203 (1.3)	205 (1.3)	204 (1.4)	208 (1.0)	211 (1.1)	209 (1.2)	55 (1.4)	22 (1.2)	4 (0.5)	
Missouri .....	220 (1.2)	217 (1.5)	216 (1.3)	220 (1.3)	222 (1.2)	221 (0.9)	221 (1.1)	224 (1.1)	220 (0.9)	67 (1.2)	34 (1.1)	8 (0.6)	
Montana <sup>5,6,8</sup> .....	— (†)	222 (1.4)	225 (1.5)	224 (1.8)	223 (1.2)	225 (1.1)	227 (1.0)	225 (0.8)	225 (0.6)	73 (1.0)	36 (1.1)	7 (0.6)	
Nebraska <sup>7,8</sup> .....	221 (1.1)	220 (1.5)	— (†)	222 (1.5)	221 (1.0)	221 (1.2)	223 (1.3)	223 (1.0)	223 (1.0)	70 (1.1)	36 (1.4)	8 (0.7)	
Nevada .....	— (†)	— (†)	206 (1.8)	209 (1.2)	207 (1.2)	207 (1.2)	211 (1.2)	211 (1.1)	213 (1.0)	58 (1.3)	25 (1.1)	5 (0.5)	
New Hampshire <sup>5,7,8</sup> .....	228 (1.2)	223 (1.5)	226 (1.7)	— (†)	228 (1.0)	227 (0.9)	229 (0.9)	229 (1.0)	230 (0.8)	78 (0.8)	43 (1.1)	10 (0.6)	
New Jersey <sup>7</sup> .....	223 (1.4)	219 (1.2)	— (†)	— (†)	225 (1.2)	223 (1.3)	231 (1.2)	229 (0.9)	231 (1.2)	78 (1.5)	44 (1.4)	11 (0.7)	
New Mexico .....	211 (1.5)	205 (1.7)	205 (1.4)	208 (1.6)	203 (1.5)	207 (1.3)	212 (1.3)	208 (1.4)	208 (1.0)	53 (1.5)	21 (0.9)	3 (0.5)	
New York <sup>5,6,7</sup> .....	215 (1.4)	212 (1.4)	215 (1.6)	222 (1.5)	222 (1.1)	223 (1.1)	224 (1.0)	224 (1.0)	222 (1.1)	68 (1.3)	35 (1.3)	9 (0.8)	
North Carolina .....	212 (1.1)	214 (1.5)	213 (1.6)	222 (1.0)	221 (1.0)	217 (1.0)	218 (0.9)	219 (1.1)	221 (1.2)	68 (1.2)	34 (1.4)	8 (0.8)	
North Dakota <sup>8</sup> .....	226 (1.1)	225 (1.2)	— (†)	224 (1.0)	222 (0.9)	225 (0.7)	226 (0.9)	226 (0.8)	226 (0.5)	74 (1.0)	36 (0.9)	6 (0.4)	
Ohio .....	217 (1.3)	— (†)	— (†)	222 (1.3)	222 (1.2)	223 (1.4)	226 (1.1)	225 (1.1)	224 (1.0)	71 (1.1)	34 (1.5)	7 (0.7)	
Oklahoma .....	220 (0.9)	— (†)	219 (1.2)	213 (1.2)	214 (1.2)	214 (1.1)	217 (1.1)	217 (1.1)	215 (1.1)	64 (1.5)	27 (1.2)	4 (0.4)	
Oregon .....	— (†)	— (†)	212 (1.8)	220 (1.4)	218 (1.3)	217 (1.4)	215 (1.4)	218 (1.2)	216 (1.1)	63 (1.3)	30 (1.4)	7 (0.5)	
Pennsylvania <sup>8</sup> .....	221 (1.3)	215 (1.6)	— (†)	221 (1.2)	219 (1.3)	223 (1.3)	226 (1.0)	224 (1.4)	227 (1.2)	74 (1.3)	41 (1.4)	11 (0.9)	
Rhode Island <sup>8</sup> .....	217 (1.8)	220 (1.3)	218 (1.4)	220 (1.2)	216 (1.3)	216 (1.2)	219 (1.0)	223 (1.1)	222 (0.8)	70 (1.3)	35 (1.0)	8 (0.6)	
South Carolina .....	210 (1.3)	203 (1.4)	209 (1.4)	214 (1.3)	215 (1.3)	213 (1.3)	214 (1.2)	216 (1.1)	215 (1.2)	61 (1.2)	28 (1.5)	6 (0.6)	
South Dakota .....	— (†)	— (†)	— (†)	— (†)	222 (1.2)	222 (0.5)	223 (1.0)	222 (0.6)	220 (0.9)	69 (1.0)	31 (1.0)	5 (0.6)	
Tennessee <sup>6,8</sup> .....	212 (1.4)	213 (1.7)	212 (1.4)	214 (1.2)	212 (1.6)	214 (1.4)	216 (1.2)	217 (1.2)	215 (1.1)	60 (1.5)	26 (1.3)	5 (0.6)	
Texas .....	213 (1.6)	212 (1.9)	214 (1.9)	217 (1.7)	215 (1.0)	219 (0.8)	220 (0.9)	219 (1.2)	218 (1.5)	64 (1.8)	28 (1.8)	6 (1.0)	
Utah .....	220 (1.1)	217 (1.3)	216 (1.2)	222 (1.0)	219 (1.0)	221 (1.1)	221 (1.2)	219 (1.0)	220 (1.0)	68 (1.2)	33 (1.3)	6 (0.6)	
Vermont .....	— (†)	— (†)	— (†)	227 (1.1)	226 (0.9)	227 (0.9)	228 (0.8)	229 (0.8)	227 (0.6)	73 (0.9)	41 (0.9)	11 (0.6)	
Virginia .....	221 (1.4)	213 (1.5)	217 (1.2)	225 (1.3)	223 (1.5)	226 (0.8)	227 (1.1)	227 (1.2)	226 (1.1)	72 (1.4)	39 (1.4)	11 (0.9)	
Washington <sup>6</sup> .....	— (†)	213 (1.5)	218 (1.4)	224 (1.2)	221 (1.1)	224 (1.1)	224 (1.4)	221 (1.2)	221 (1.1)	67 (1.3)	34 (1.3)	8 (0.9)	
West Virginia .....	216 (1.3)	213 (1.1)	216 (1.7)	219 (1.2)	219 (1.0)	215 (0.8)	215 (1.1)	215 (1.0)	214 (0.8)	61 (1.1)	27 (1.0)	5 (0.5)	
Wisconsin <sup>5,6,8</sup> .....	224 (1.0)	224 (1.1)	222 (1.1)	† (†)	221 (0.8)	221 (1.0)	223 (1.2)	220 (1.1)	221 (0.8)	68 (1.1)	34 (1.1)	7 (0.7)	
Wyoming .....	223 (1.1)	221 (1.2)	218 (1.5)	221 (1.0)	222 (0.8)	223 (0.7)	225 (0.5)	223 (0.7)	224 (0.8)	71 (1.3)	34 (1.1)	7 (0.6)	
Department of Defense dependents schools <sup>9</sup> .....	— (†)	— (†)	220 (0.7)	224 (0.4)	224 (0.5)	226 (0.6)	229 (0.5)	228 (0.5)	229 (0.5)	79 (0.9)	39 (1.3)	7 (0.5)	

—Not available.

†Not applicable.

‡Reporting standards not met. Participation rates fell below the required standards for reporting.

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at the 4th-grade level.

<sup>3</sup>Proficient represents solid academic performance for 4th-graders. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>4</sup>Advanced signifies superior performance.

<sup>5</sup>Did not satisfy one or more of the guidelines for school participation in 1998. Data are subject to appreciable nonresponse bias.

<sup>6</sup>Did not satisfy one or more of the guidelines for school participation in 2002. Data are subject to appreciable nonresponse bias.

<sup>7</sup>Did not satisfy one or more of the guidelines for school participation in 1992. Data are subject to appreciable nonresponse bias.

<sup>8</sup>Did not satisfy one or more of the guidelines for school participation in 1994. Data are subject to appreciable nonresponse bias.

<sup>9</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: With the exception of 1992 and 1994, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 1994, 1998, 2002, 2003, 2005, 2007, 2009, and 2011 Reading Assessments, retrieved November 2, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared November 2011.)

**Table 147. Average National Assessment of Educational Progress (NAEP) reading scale score and percentage of 4th-grade public school students, by race/ethnicity and state: 2011**

[Standard errors appear in parentheses]

State	Average scale score <sup>1</sup>						Percent of students					
	White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native	White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>230 (0.3)</b>	<b>205 (0.4)</b>	<b>205 (0.5)</b>	<b>236 (1.3)</b>	<b>214 (1.8)</b>	<b>204 (1.3)</b>	<b>52 (0.4)</b>	<b>16 (0.3)</b>	<b>23 (0.4)</b>	<b>5 (0.2)</b>	<b># (†)</b>	<b>1 (0.1)</b>
Alabama .....	230 (1.2)	204 (2.1)	205 (3.1)	† (†)	† (†)	† (†)	60 (1.9)	32 (1.9)	5 (0.7)	1 (0.2)	# (†)	1 (0.4)
Alaska .....	223 (1.1)	206 (4.3)	212 (3.7)	199 (3.2)	192 (5.8)	175 (2.4)	50 (1.1)	4 (0.3)	6 (0.4)	6 (0.4)	2 (0.2)	23 (1.0)
Arizona .....	225 (1.6)	204 (4.7)	203 (1.3)	225 (5.1)	† (†)	185 (4.0)	43 (1.6)	5 (0.5)	43 (1.8)	3 (0.3)	# (†)	5 (0.5)
Arkansas .....	224 (1.0)	197 (1.7)	204 (2.7)	† (†)	† (†)	† (†)	65 (1.2)	21 (1.3)	10 (0.8)	2 (0.2)	# (†)	# (†)
California .....	229 (2.3)	208 (3.5)	198 (1.3)	233 (4.0)	† (†)	† (†)	25 (1.7)	7 (1.1)	54 (2.2)	12 (1.7)	1 (0.2)	# (†)
Colorado .....	236 (1.1)	207 (3.3)	203 (1.9)	234 (4.3)	† (†)	† (†)	56 (1.3)	4 (0.4)	33 (1.3)	3 (0.3)	# (†)	# (†)
Connecticut.....	239 (1.1)	204 (2.7)	204 (2.9)	241 (3.4)	† (†)	† (†)	60 (1.9)	13 (1.6)	20 (1.2)	5 (0.5)	# (†)	# (†)
Delaware.....	234 (1.1)	215 (1.4)	214 (1.9)	240 (3.1)	† (†)	† (†)	49 (0.8)	32 (0.7)	12 (0.7)	4 (0.3)	# (†)	1 (0.1)
District of Columbia .....	255 (2.8)	193 (1.1)	202 (2.8)	† (†)	† (†)	† (†)	8 (0.4)	77 (0.5)	12 (0.4)	2 (0.2)	# (†)	# (†)
Florida.....	235 (1.2)	209 (1.8)	220 (1.4)	246 (4.2)	† (†)	† (†)	40 (1.7)	25 (1.8)	29 (1.4)	2 (0.3)	# (†)	# (†)
Georgia.....	231 (1.1)	208 (1.8)	214 (2.4)	242 (4.8)	† (†)	† (†)	45 (1.7)	36 (1.8)	12 (1.2)	4 (0.4)	# (†)	# (†)
Hawaii.....	226 (1.7)	215 (4.5)	209 (4.2)	221 (1.4)	201 (1.7)	† (†)	15 (1.0)	3 (0.4)	5 (0.3)	36 (1.1)	33 (1.2)	1 (0.1)
Idaho.....	225 (0.8)	† (†)	201 (1.8)	227 (5.9)	† (†)	† (†)	78 (0.9)	1 (0.2)	16 (0.8)	2 (0.2)	# (†)	2 (0.6)
Illinois.....	231 (1.3)	198 (2.1)	204 (1.8)	237 (2.6)	† (†)	† (†)	53 (1.4)	20 (1.0)	19 (0.8)	4 (0.5)	# (†)	# (†)
Indiana.....	226 (0.9)	203 (2.4)	203 (2.1)	† (†)	† (†)	† (†)	72 (1.5)	12 (1.3)	10 (1.0)	1 (0.2)	# (†)	# (†)
Iowa.....	225 (0.8)	193 (2.2)	201 (2.1)	227 (4.1)	† (†)	† (†)	80 (1.0)	6 (0.5)	9 (0.7)	2 (0.2)	# (†)	# (†)
Kansas.....	229 (1.1)	204 (2.8)	209 (1.8)	228 (4.4)	† (†)	† (†)	68 (1.3)	7 (0.6)	16 (1.2)	3 (0.4)	# (†)	1 (0.2)
Kentucky.....	226 (1.0)	210 (2.0)	222 (4.4)	250 (4.8)	† (†)	† (†)	84 (0.9)	9 (0.7)	3 (0.3)	1 (0.3)	# (†)	# (†)
Louisiana.....	223 (1.5)	197 (1.7)	208 (4.4)	† (†)	† (†)	† (†)	47 (2.1)	46 (2.0)	3 (0.4)	1 (0.2)	# (†)	1 (0.2)
Maine.....	223 (0.6)	192 (4.8)	† (†)	217 (5.5)	† (†)	† (†)	92 (0.7)	3 (0.5)	2 (0.2)	2 (0.2)	# (†)	# (†)
Maryland.....	242 (1.3)	213 (1.1)	226 (2.1)	252 (3.0)	† (†)	† (†)	45 (1.3)	35 (1.0)	9 (0.7)	6 (0.8)	# (†)	# (†)
Massachusetts.....	243 (0.7)	216 (2.0)	216 (1.5)	243 (2.8)	† (†)	† (†)	68 (1.7)	9 (1.0)	14 (1.3)	6 (0.5)	# (†)	# (†)
Michigan.....	225 (1.0)	192 (2.4)	206 (3.1)	236 (6.1)	† (†)	† (†)	70 (1.4)	17 (1.2)	6 (0.6)	3 (0.6)	# (†)	1 (0.5)
Minnesota.....	229 (1.0)	199 (2.8)	201 (3.0)	218 (5.7)	† (†)	195 (5.4)	73 (1.6)	9 (1.0)	9 (1.2)	5 (0.4)	# (†)	2 (0.3)
Mississippi.....	220 (1.3)	198 (1.6)	203 (6.2)	† (†)	† (†)	† (†)	50 (1.8)	46 (1.9)	3 (0.4)	1 (0.2)	# (†)	# (†)
Missouri.....	226 (1.0)	199 (1.9)	209 (3.5)	234 (6.6)	† (†)	† (†)	75 (1.1)	17 (1.2)	5 (0.7)	2 (0.3)	# (†)	# (†)
Montana.....	229 (0.7)	† (†)	217 (3.8)	† (†)	† (†)	200 (2.9)	82 (1.0)	1 (0.1)	3 (0.3)	1 (0.1)	# (†)	11 (1.0)
Nebraska.....	230 (0.9)	199 (3.4)	208 (2.6)	234 (5.6)	† (†)	† (†)	70 (1.1)	8 (0.6)	15 (0.9)	2 (0.2)	# (†)	1 (0.3)
Nevada.....	224 (1.3)	202 (2.2)	203 (1.5)	223 (2.6)	† (†)	† (†)	37 (1.0)	10 (0.6)	42 (1.2)	6 (0.5)	1 (0.2)	1 (0.3)
New Hampshire.....	231 (0.8)	† (†)	217 (4.0)	234 (3.9)	† (†)	† (†)	91 (0.4)	2 (0.2)	3 (0.3)	3 (0.2)	# (†)	# (†)
New Jersey.....	239 (1.0)	216 (2.7)	216 (2.3)	248 (2.9)	† (†)	† (†)	54 (1.9)	14 (1.4)	22 (1.8)	9 (1.1)	# (†)	# (†)
New Mexico.....	225 (1.5)	208 (3.8)	202 (1.1)	222 (5.2)	† (†)	193 (2.8)	28 (1.1)	2 (0.2)	59 (1.2)	2 (0.2)	# (†)	9 (0.9)
New York.....	232 (1.3)	208 (1.8)	209 (1.8)	235 (2.9)	† (†)	† (†)	48 (2.2)	20 (1.7)	20 (1.2)	10 (0.8)	# (†)	1 (†)
North Carolina.....	232 (1.3)	206 (1.5)	207 (2.4)	236 (4.5)	† (†)	192 (4.3)	54 (1.3)	26 (1.1)	12 (0.8)	3 (0.4)	# (†)	1 (0.1)
North Dakota.....	228 (0.5)	220 (4.3)	214 (3.8)	† (†)	† (†)	206 (2.5)	85 (0.4)	2 (0.2)	3 (0.2)	1 (0.2)	# (†)	9 (0.3)
Ohio.....	229 (1.1)	204 (1.9)	211 (3.3)	† (†)	† (†)	† (†)	72 (1.6)	18 (1.7)	4 (0.6)	2 (0.3)	# (†)	# (†)
Oklahoma.....	221 (1.3)	199 (3.9)	207 (3.2)	228 (6.1)	† (†)	212 (2.2)	56 (1.2)	11 (0.8)	12 (1.1)	2 (0.2)	# (†)	18 (0.8)
Oregon.....	222 (1.2)	202 (5.3)	196 (1.8)	233 (5.5)	† (†)	213 (5.7)	65 (1.0)	3 (0.4)	21 (0.9)	4 (0.5)	1 (0.1)	2 (0.2)
Pennsylvania.....	233 (1.1)	204 (2.2)	202 (2.8)	244 (3.8)	† (†)	† (†)	74 (1.7)	13 (1.4)	8 (1.0)	3 (0.4)	# (†)	# (†)
Rhode Island.....	230 (0.9)	208 (2.7)	204 (1.8)	233 (3.9)	† (†)	† (†)	64 (0.9)	8 (0.5)	22 (0.9)	3 (0.3)	# (†)	# (†)
South Carolina.....	226 (1.2)	199 (1.7)	208 (2.8)	† (†)	† (†)	† (†)	54 (1.4)	36 (1.5)	6 (0.5)	1 (0.1)	# (†)	# (†)
South Dakota.....	225 (0.8)	204 (4.3)	207 (4.1)	† (†)	† (†)	197 (3.0)	78 (0.8)	3 (0.3)	3 (0.3)	1 (0.1)	# (†)	14 (0.7)
Tennessee.....	221 (1.3)	198 (1.6)	201 (3.1)	† (†)	† (†)	† (†)	68 (1.5)	23 (1.6)	7 (0.7)	2 (0.3)	# (†)	# (†)
Texas.....	233 (2.2)	210 (1.6)	210 (1.4)	247 (6.1)	† (†)	† (†)	31 (1.8)	14 (1.1)	51 (2.1)	3 (0.7)	# (†)	# (†)
Utah.....	226 (1.0)	† (†)	196 (2.1)	226 (6.9)	206 (4.3)	187 (6.3)	79 (1.1)	1 (0.2)	14 (1.0)	2 (0.2)	2 (0.2)	1 (0.2)
Vermont.....	228 (0.7)	205 (5.6)	† (†)	† (†)	† (†)	† (†)	92 (0.3)	2 (0.2)	1 (0.2)	2 (0.2)	# (†)	# (†)
Virginia.....	235 (1.2)	210 (1.6)	209 (2.8)	236 (4.1)	† (†)	† (†)	56 (1.6)	21 (1.1)	11 (1.0)	7 (0.7)	# (†)	# (†)
Washington.....	229 (1.3)	209 (2.7)	199 (2.3)	230 (3.7)	† (†)	202 (4.1)	58 (1.4)	5 (0.6)	21 (1.4)	7 (0.6)	1 (0.2)	2 (0.2)
West Virginia.....	216 (0.8)	196 (3.0)	† (†)	† (†)	† (†)	† (†)	92 (0.7)	5 (0.6)	1 (0.2)	1 (0.2)	# (†)	# (†)
Wisconsin.....	227 (0.9)	196 (1.8)	202 (1.9)	224 (2.9)	† (†)	† (†)	75 (1.3)	9 (0.7)	10 (0.9)	4 (0.4)	# (†)	2 (0.8)
Wyoming.....	227 (0.8)	† (†)	213 (1.9)	† (†)	† (†)	192 (3.6)	80 (0.5)	1 (0.2)	14 (0.4)	1 (0.2)	# (†)	3 (0.2)
Department of Defense dependents schools.....	233 (0.8)	222 (1.7)	226 (1.6)	233 (2.3)	† (†)	† (†)	48 (0.6)	16 (0.4)	17 (0.5)	6 (0.3)	1 (0.2)	1 (0.2)

†Not applicable.

#Rounds to zero.

†Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 500.

NOTE: Includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and

exclusion rates vary from state to state. Race/ethnicity based on school records. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and because table does not include students classified as "Two or more races."

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Reading Assessment, retrieved November 22, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared November 2011.)

**Table 148. Average National Assessment of Educational Progress (NAEP) reading scale score of 8th-grade public school students and percentage attaining reading achievement levels, by locale and state: Selected years, 2003 through 2011**  
[Standard errors appear in parentheses]

State	Average scale score <sup>1</sup>					Percent attaining reading achievement levels, 2011			Average scale score <sup>1</sup> by school location, 2011			
	2003	2005	2007	2009	2011	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>	At Advanced <sup>4</sup>	City	Suburb	Town	Rural
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>261 (0.2)</b>	<b>260 (0.2)</b>	<b>261 (0.2)</b>	<b>262 (0.3)</b>	<b>264 (0.2)</b>	<b>75 (0.3)</b>	<b>32 (0.3)</b>	<b>3 (0.1)</b>	<b>257 (0.4)</b>	<b>267 (0.4)</b>	<b>263 (0.5)</b>	<b>266 (0.4)</b>
Alabama .....	253 (1.5)	252 (1.4)	252 (1.0)	255 (1.1)	258 (1.5)	69 (1.8)	26 (1.6)	2 (0.4)	252 (2.5)	266 (3.0)	259 (2.2)	259 (2.3)
Alaska .....	256 (1.1)	259 (0.9)	259 (1.0)	259 (0.9)	261 (0.9)	73 (1.1)	31 (1.1)	3 (0.3)	† (†)	† (†)	† (†)	† (†)
Arizona .....	255 (1.4)	255 (1.0)	255 (1.2)	258 (1.2)	260 (1.2)	71 (1.5)	28 (1.5)	2 (0.6)	257 (1.7)	268 (2.5)	257 (3.2)	259 (2.5)
Arkansas .....	258 (1.3)	258 (1.1)	258 (1.0)	258 (1.2)	259 (0.9)	71 (1.1)	28 (1.6)	2 (0.4)	260 (2.2)	263 (3.4)	258 (1.8)	258 (1.7)
California <sup>5</sup> .....	251 (1.3)	250 (0.6)	251 (0.8)	253 (1.2)	255 (1.0)	65 (1.2)	24 (1.2)	3 (0.5)	251 (1.5)	257 (1.6)	262 (3.2)	261 (3.4)
Colorado .....	268 (1.2)	265 (1.1)	266 (1.0)	266 (0.8)	271 (1.4)	81 (1.5)	40 (2.0)	4 (0.8)	264 (3.1)	274 (2.2)	267 (4.3)	275 (1.8)
Connecticut .....	267 (1.1)	264 (1.3)	267 (1.6)	272 (0.9)	275 (0.9)	83 (1.0)	45 (1.3)	6 (0.8)	261 (1.7)	278 (1.2)	279 (4.7)	284 (1.8)
Delaware .....	265 (0.7)	266 (0.6)	265 (0.6)	265 (0.7)	266 (0.6)	77 (0.8)	33 (1.2)	3 (0.5)	264 (2.1)	263 (1.2)	265 (1.1)	273 (1.5)
District of Columbia .....	239 (0.8)	238 (0.9)	241 (0.7)	242 (0.9)	242 (0.9)	51 (1.0)	16 (0.9)	2 (0.4)	242 (0.9)	† (†)	† (†)	† (†)
Florida .....	257 (1.3)	256 (1.2)	260 (1.2)	264 (1.2)	262 (1.0)	73 (1.4)	30 (1.4)	2 (0.4)	261 (2.4)	263 (1.3)	259 (3.2)	263 (2.8)
Georgia .....	258 (1.1)	257 (1.3)	259 (1.0)	260 (1.0)	262 (1.1)	74 (1.3)	28 (1.5)	2 (0.4)	251 (5.6)	264 (1.5)	263 (2.6)	264 (1.3)
Hawaii .....	251 (0.9)	249 (0.9)	251 (0.8)	255 (0.6)	257 (0.7)	68 (1.2)	26 (1.1)	2 (0.4)	263 (1.3)	256 (1.4)	254 (1.5)	257 (1.3)
Idaho .....	264 (0.9)	264 (1.1)	265 (0.9)	265 (0.9)	268 (0.7)	81 (1.1)	34 (1.1)	3 (0.4)	269 (1.5)	266 (1.5)	271 (1.4)	265 (1.4)
Illinois .....	266 (1.0)	264 (1.0)	263 (1.0)	265 (1.2)	266 (0.8)	77 (1.1)	34 (1.4)	4 (0.4)	260 (1.5)	268 (1.5)	264 (2.8)	270 (2.4)
Indiana .....	265 (1.0)	261 (1.1)	264 (1.1)	266 (1.0)	265 (1.0)	78 (1.0)	32 (1.6)	2 (0.5)	259 (2.2)	268 (1.7)	266 (2.2)	267 (1.7)
Iowa .....	268 (0.8)	267 (0.9)	267 (0.9)	265 (0.9)	265 (1.0)	77 (1.1)	33 (1.5)	2 (0.4)	258 (1.5)	269 (2.3)	263 (2.1)	268 (1.6)
Kansas <sup>5</sup> .....	266 (1.5)	267 (1.0)	267 (0.8)	267 (1.1)	267 (1.0)	79 (1.0)	35 (1.4)	3 (0.6)	262 (2.1)	274 (2.4)	264 (2.0)	271 (1.4)
Kentucky .....	266 (1.3)	264 (1.1)	262 (1.0)	267 (0.9)	269 (0.8)	79 (1.1)	36 (1.2)	3 (0.5)	264 (1.7)	269 (2.6)	268 (1.6)	271 (1.3)
Louisiana .....	253 (1.6)	253 (1.6)	253 (1.1)	253 (1.6)	255 (1.5)	66 (2.2)	22 (1.4)	1 (0.3)	257 (2.5)	255 (2.4)	244 (4.7)	260 (2.0)
Maine .....	268 (1.0)	270 (1.0)	270 (0.8)	268 (0.7)	270 (0.8)	80 (0.9)	39 (1.4)	4 (0.5)	270 (2.4)	279 (1.9)	265 (1.4)	269 (1.3)
Maryland .....	262 (1.4)	261 (1.2)	265 (1.2)	267 (1.1)	271 (1.2)	80 (1.2)	40 (1.6)	6 (0.8)	266 (1.9)	269 (1.6)	275 (3.8)	281 (2.3)
Massachusetts .....	273 (1.0)	274 (1.0)	273 (1.0)	274 (1.2)	275 (1.0)	84 (0.9)	46 (1.5)	6 (0.9)	262 (2.2)	278 (1.1)	† (†)	279 (4.0)
Michigan .....	264 (1.8)	261 (1.2)	260 (1.2)	262 (1.4)	265 (0.9)	77 (1.2)	32 (1.3)	3 (0.5)	260 (3.1)	267 (1.0)	263 (3.7)	269 (1.6)
Minnesota .....	268 (1.1)	268 (1.2)	268 (0.9)	270 (1.0)	270 (1.0)	81 (1.2)	39 (1.3)	4 (0.5)	265 (2.6)	272 (1.6)	269 (2.1)	272 (1.8)
Mississippi .....	255 (1.4)	251 (1.3)	250 (1.1)	251 (1.0)	254 (1.2)	65 (1.6)	21 (1.4)	1 (0.3)	253 (3.4)	263 (1.7)	248 (1.7)	254 (2.0)
Missouri .....	267 (1.0)	265 (1.0)	263 (1.0)	267 (1.0)	267 (1.1)	79 (1.1)	35 (1.7)	3 (0.5)	260 (4.6)	268 (1.8)	267 (1.9)	269 (1.6)
Montana .....	270 (1.0)	269 (0.7)	271 (0.8)	270 (0.6)	273 (0.6)	86 (0.7)	42 (1.0)	3 (0.5)	274 (1.2)	† (†)	271 (1.1)	274 (1.1)
Nebraska .....	266 (0.9)	267 (0.9)	267 (0.9)	267 (0.9)	268 (0.7)	81 (0.8)	35 (1.2)	2 (0.5)	264 (1.1)	268 (2.2)	270 (1.3)	270 (1.4)
Nevada .....	252 (0.8)	253 (0.9)	252 (0.8)	254 (0.9)	258 (0.9)	69 (1.2)	26 (1.2)	2 (0.3)	257 (1.6)	252 (1.9)	267 (2.1)	265 (1.7)
New Hampshire .....	271 (0.9)	270 (1.2)	270 (0.9)	271 (1.0)	272 (0.7)	84 (1.1)	40 (1.2)	4 (0.4)	257 (2.0)	272 (1.3)	273 (1.9)	277 (1.1)
New Jersey .....	268 (1.2)	269 (1.2)	270 (1.1)	273 (1.3)	275 (1.2)	84 (1.3)	45 (1.3)	6 (0.5)	259 (4.9)	277 (1.2)	† (†)	280 (1.6)
New Mexico .....	252 (0.9)	251 (1.0)	251 (0.8)	254 (1.2)	256 (0.9)	68 (1.3)	22 (1.3)	1 (0.3)	255 (1.4)	258 (2.0)	258 (1.5)	253 (1.6)
New York .....	265 (1.3)	265 (1.0)	264 (1.1)	264 (1.2)	266 (1.1)	76 (1.2)	35 (1.5)	4 (0.5)	256 (1.8)	273 (2.0)	270 (4.2)	274 (2.4)
North Carolina .....	262 (1.0)	258 (0.9)	259 (1.1)	260 (1.2)	263 (0.9)	74 (1.2)	31 (1.5)	3 (0.5)	264 (2.2)	265 (2.6)	257 (3.4)	264 (1.3)
North Dakota .....	270 (0.8)	270 (0.6)	268 (0.7)	269 (0.6)	269 (0.7)	83 (1.0)	34 (1.3)	2 (0.4)	270 (1.6)	273 (1.9)	266 (1.3)	268 (1.0)
Ohio .....	267 (1.3)	267 (1.3)	268 (1.2)	269 (1.3)	268 (1.1)	79 (1.2)	37 (1.6)	4 (0.5)	252 (2.5)	272 (2.1)	268 (2.3)	273 (2.0)
Oklahoma .....	262 (0.9)	260 (1.1)	260 (0.8)	259 (0.9)	260 (1.1)	73 (1.5)	27 (1.4)	2 (0.3)	257 (2.5)	263 (2.3)	261 (2.1)	260 (1.5)
Oregon .....	264 (1.2)	263 (1.1)	266 (0.9)	265 (1.0)	264 (0.9)	76 (1.1)	33 (1.4)	3 (0.4)	265 (1.4)	269 (1.7)	259 (2.0)	263 (2.3)
Pennsylvania .....	264 (1.2)	267 (1.3)	268 (1.2)	271 (0.8)	268 (1.3)	77 (1.6)	38 (1.5)	4 (0.6)	252 (2.9)	271 (2.2)	269 (2.8)	273 (2.5)
Rhode Island .....	261 (0.7)	261 (0.7)	258 (0.9)	260 (0.6)	265 (0.7)	76 (0.8)	33 (1.0)	4 (0.5)	255 (1.4)	269 (0.9)	† (†)	271 (2.1)
South Carolina .....	258 (1.3)	257 (1.1)	257 (0.9)	257 (1.2)	260 (0.9)	72 (1.1)	27 (1.4)	2 (0.3)	264 (3.1)	264 (1.9)	256 (1.7)	258 (1.4)
South Dakota .....	270 (0.8)	269 (0.6)	270 (0.7)	270 (0.5)	269 (0.8)	83 (1.0)	35 (1.2)	2 (0.5)	270 (1.4)	† (†)	272 (1.1)	267 (1.0)
Tennessee .....	258 (1.2)	259 (0.9)	259 (1.0)	261 (1.1)	259 (1.0)	70 (1.2)	27 (1.3)	2 (0.6)	252 (2.0)	266 (2.4)	258 (2.1)	262 (1.5)
Texas .....	259 (1.1)	258 (0.6)	261 (0.9)	260 (1.1)	261 (1.0)	74 (1.4)	27 (1.3)	2 (0.4)	259 (1.3)	263 (1.9)	260 (3.5)	265 (2.4)
Utah .....	264 (0.8)	262 (0.8)	262 (1.0)	266 (0.8)	267 (0.8)	79 (1.1)	35 (1.6)	3 (0.5)	264 (1.6)	269 (1.2)	266 (2.3)	265 (2.1)
Vermont .....	271 (0.8)	269 (0.7)	273 (0.8)	272 (0.6)	274 (0.9)	82 (0.8)	44 (1.3)	6 (0.7)	† (†)	† (†)	† (†)	† (†)
Virginia .....	268 (1.1)	268 (1.0)	267 (1.1)	266 (1.1)	267 (1.2)	78 (1.2)	36 (1.7)	4 (0.5)	264 (2.6)	275 (1.8)	260 (4.6)	263 (2.1)
Washington .....	264 (0.9)	265 (1.3)	265 (0.9)	267 (1.1)	268 (1.0)	77 (1.0)	37 (1.2)	5 (0.7)	265 (2.7)	270 (1.3)	266 (3.2)	267 (2.4)
West Virginia .....	260 (1.0)	255 (1.2)	255 (1.0)	255 (0.9)	256 (0.9)	68 (1.1)	24 (1.2)	1 (0.4)	258 (2.2)	262 (2.1)	255 (1.6)	253 (1.4)
Wisconsin .....	266 (1.3)	266 (1.1)	264 (1.0)	266 (1.0)	267 (0.9)	79 (1.0)	35 (1.3)	3 (0.7)	257 (1.9)	275 (1.4)	269 (2.2)	269 (1.9)
Wyoming .....	267 (0.5)	268 (0.7)	266 (0.7)	268 (1.0)	270 (1.0)	82 (1.0)	38 (1.6)	3 (0.5)	269 (1.6)	† (†)	271 (1.3)	268 (1.5)
Department of Defense dependents schools <sup>6</sup> .....	272 (0.6)	271 (0.7)	273 (1.0)	272 (0.7)	272 (0.7)	87 (1.1)	39 (1.3)	2 (0.5)	270 (2.9)	270 (1.9)	† (†)	† (†)

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or item response rates fell below the required standards for reporting.

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at the 8th-grade level.

<sup>3</sup>Proficient represents solid academic performance for 8th-graders. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>4</sup>Advanced signifies superior performance.

<sup>5</sup>Did not satisfy one or more of the guidelines for school participation in 2003. Data are subject to appreciable nonresponse bias.

<sup>6</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: Includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2003, 2005, 2007, 2009, and 2011 Reading Assessments, retrieved November 1, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared November 2011.)

**Table 149. Average National Assessment of Educational Progress (NAEP) reading scale scores of 4th- and 8th-grade public school students and percentage attaining reading achievement levels, by race/ethnicity and jurisdiction or specific urban district: 2007, 2009, and 2011**  
[Standard errors appear in parentheses]

Grade level and jurisdiction or specific urban district	Average reading scale score <sup>1</sup>										Percent of students	
	2007	2009				2011					2011	
		All students	White	Black	Hispanic	All students	White	Black	Hispanic	Asian	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>4th grade</b>												
United States .....	220 (0.3)	220 (0.3)	229 (0.3)	204 (0.5)	204 (0.5)	220 (0.3)	230 (0.3)	205 (0.4)	205 (0.5)	236 (1.3)	66 (0.4)	32 (0.4)
Large city .....	208 (0.7)	210 (0.7)	233 (1.4)	201 (0.9)	202 (0.8)	211 (0.7)	232 (0.9)	202 (0.7)	203 (0.8)	225 (2.5)	55 (1.0)	24 (0.7)
Albuquerque .....	— (†)	— (†)	— (†)	— (†)	— (†)	209 (1.6)	231 (2.5)	† (†)	201 (1.7)	† (†)	53 (1.9)	24 (1.6)
Atlanta .....	207 (1.5)	209 (1.5)	253 (2.9)	201 (1.6)	† (†)	212 (1.4)	251 (1.9)	203 (1.6)	215 (3.4)	† (†)	54 (1.6)	24 (1.7)
Austin .....	218 (2.0)	220 (1.8)	245 (2.0)	211 (3.0)	208 (2.3)	224 (2.3)	249 (3.3)	215 (4.5)	210 (2.6)	† (†)	68 (2.3)	36 (2.5)
Baltimore City .....	— (†)	202 (1.7)	220 (4.8)	200 (1.7)	† (†)	200 (1.7)	221 (3.3)	198 (1.7)	† (†)	† (†)	40 (2.5)	11 (1.2)
Boston .....	210 (1.9)	215 (1.2)	231 (2.9)	212 (1.5)	209 (2.0)	217 (0.8)	241 (2.5)	211 (1.7)	214 (1.1)	226 (3.8)	62 (1.5)	26 (1.3)
Charlotte .....	222 (1.5)	225 (1.6)	243 (1.6)	211 (2.3)	212 (2.8)	224 (1.2)	244 (1.5)	211 (1.9)	212 (2.6)	233 (5.3)	70 (1.5)	36 (1.7)
Chicago .....	201 (1.5)	220 (1.5)	228 (3.5)	194 (1.8)	203 (2.1)	203 (1.3)	229 (2.4)	197 (1.9)	201 (1.5)	228 (4.2)	48 (1.4)	18 (1.2)
Cleveland .....	198 (1.7)	194 (2.0)	209 (3.4)	189 (2.2)	200 (4.4)	193 (0.9)	209 (2.6)	187 (1.1)	196 (3.3)	† (†)	32 (1.4)	8 (1.0)
Dallas .....	— (†)	— (†)	— (†)	— (†)	— (†)	204 (1.6)	237 (6.9)	204 (2.0)	200 (1.4)	† (†)	46 (2.1)	14 (1.7)
Detroit .....	— (†)	187 (1.9)	† (†)	186 (2.1)	190 (2.8)	191 (2.0)	† (†)	190 (2.5)	199 (5.5)	† (†)	31 (2.8)	7 (1.4)
District of Columbia .....	197 (0.9)	203 (1.2)	257 (2.9)	195 (1.3)	207 (3.2)	201 (1.0)	255 (3.0)	191 (1.3)	204 (3.3)	† (†)	44 (1.1)	20 (1.3)
Fresno .....	— (†)	197 (1.7)	217 (3.0)	193 (3.4)	194 (1.8)	194 (2.4)	216 (3.9)	191 (4.3)	190 (2.5)	195 (3.0)	37 (2.1)	11 (1.4)
Hillsborough County (FL) .....	— (†)	— (†)	— (†)	— (†)	— (†)	231 (1.7)	242 (1.8)	218 (2.5)	223 (2.1)	† (†)	77 (1.8)	44 (2.4)
Houston .....	206 (1.2)	211 (1.7)	243 (4.7)	210 (2.5)	206 (1.9)	213 (1.6)	243 (3.0)	207 (1.7)	209 (1.6)	245 (6.3)	57 (1.8)	24 (1.8)
Jefferson County (KY) .....	— (†)	219 (1.8)	230 (2.1)	203 (2.0)	† (†)	223 (1.3)	230 (1.4)	208 (2.1)	221 (3.9)	256 (5.7)	68 (1.7)	35 (1.5)
Los Angeles .....	196 (1.3)	197 (1.1)	222 (3.5)	195 (3.3)	193 (1.1)	201 (1.2)	225 (3.7)	196 (4.2)	196 (1.1)	226 (4.2)	45 (1.7)	15 (1.4)
Miami-Dade .....	— (†)	221 (1.2)	238 (3.4)	205 (2.1)	224 (1.1)	221 (1.5)	240 (3.4)	210 (2.1)	222 (1.8)	† (†)	67 (1.7)	32 (1.7)
Milwaukee .....	— (†)	196 (2.0)	223 (4.6)	187 (2.4)	198 (2.7)	195 (1.7)	216 (3.9)	187 (2.0)	198 (2.7)	206 (3.3)	38 (1.9)	13 (1.3)
New York City .....	213 (1.1)	217 (1.4)	235 (2.8)	208 (1.6)	208 (1.9)	216 (1.2)	235 (3.3)	209 (1.7)	207 (1.5)	230 (3.6)	61 (1.4)	29 (1.4)
Philadelphia .....	— (†)	195 (1.8)	215 (4.2)	191 (2.1)	187 (4.6)	199 (1.8)	217 (3.3)	195 (1.9)	191 (3.5)	212 (5.2)	43 (2.1)	13 (1.6)
San Diego .....	210 (1.8)	213 (2.1)	236 (2.8)	206 (4.1)	193 (2.6)	215 (1.7)	240 (2.3)	205 (3.0)	201 (2.2)	225 (3.3)	61 (1.7)	31 (1.6)
<b>8th grade</b>												
United States .....	261 (0.2)	262 (0.3)	271 (0.2)	245 (0.4)	248 (0.6)	264 (0.2)	272 (0.3)	248 (0.5)	251 (0.5)	277 (1.1)	75 (0.3)	32 (0.3)
Large city .....	250 (0.7)	252 (0.5)	272 (1.0)	243 (0.7)	245 (0.9)	255 (0.5)	273 (1.0)	245 (0.8)	249 (0.8)	271 (1.5)	65 (0.6)	23 (0.5)
Albuquerque .....	— (†)	— (†)	— (†)	— (†)	— (†)	254 (1.2)	271 (2.2)	† (†)	248 (1.6)	† (†)	64 (1.4)	22 (1.5)
Atlanta .....	245 (1.4)	250 (1.5)	292 (3.9)	246 (1.7)	† (†)	253 (1.0)	287 (3.2)	249 (1.2)	† (†)	† (†)	63 (1.8)	17 (0.9)
Austin .....	257 (2.0)	261 (2.0)	282 (2.5)	247 (2.5)	251 (2.1)	261 (1.5)	285 (1.8)	246 (3.6)	251 (2.2)	† (†)	71 (1.8)	30 (1.5)
Baltimore City .....	— (†)	245 (1.7)	† (†)	243 (1.6)	† (†)	246 (1.6)	267 (3.7)	242 (1.7)	† (†)	† (†)	54 (2.0)	12 (1.2)
Boston .....	254 (1.6)	257 (1.5)	282 (3.0)	248 (2.4)	251 (2.1)	255 (1.2)	281 (4.3)	246 (2.0)	245 (2.3)	280 (3.4)	63 (1.6)	24 (1.1)
Charlotte .....	260 (1.2)	259 (1.0)	276 (2.4)	249 (1.2)	254 (3.7)	265 (0.9)	283 (1.8)	253 (1.6)	256 (2.5)	264 (5.3)	75 (1.5)	34 (1.5)
Chicago .....	250 (1.5)	249 (1.6)	272 (3.1)	243 (1.8)	249 (2.5)	253 (1.1)	271 (3.5)	245 (1.9)	255 (1.3)	262 (13.1)	64 (1.4)	21 (1.5)
Cleveland .....	246 (1.5)	242 (1.6)	258 (3.4)	239 (2.2)	237 (3.5)	240 (1.7)	260 (3.1)	234 (2.2)	241 (3.8)	† (†)	48 (2.6)	11 (1.3)
Dallas .....	— (†)	— (†)	— (†)	— (†)	— (†)	248 (1.0)	276 (4.1)	244 (2.8)	246 (1.1)	† (†)	58 (1.5)	13 (1.4)
Detroit .....	— (†)	232 (2.4)	† (†)	232 (2.6)	232 (4.7)	237 (1.0)	† (†)	235 (1.1)	244 (4.2)	† (†)	43 (1.4)	7 (0.9)
District of Columbia .....	241 (0.7)	240 (1.5)	† (†)	235 (1.5)	249 (5.3)	237 (1.2)	290 (3.4)	231 (1.2)	232 (3.8)	† (†)	46 (1.4)	15 (1.3)
Fresno .....	— (†)	240 (2.4)	263 (3.8)	232 (3.4)	235 (2.7)	238 (1.8)	257 (3.2)	230 (3.5)	234 (2.2)	241 (3.4)	45 (2.2)	12 (1.1)
Hillsborough County (FL) .....	— (†)	— (†)	— (†)	— (†)	— (†)	264 (1.5)	276 (1.5)	247 (2.4)	258 (2.3)	† (†)	75 (2.1)	32 (2.3)
Houston .....	252 (1.4)	252 (1.2)	280 (3.6)	243 (2.2)	250 (1.2)	252 (0.9)	283 (2.2)	247 (2.4)	249 (1.3)	† (†)	64 (1.3)	18 (1.0)
Jefferson County (KY) .....	— (†)	259 (1.0)	267 (1.4)	245 (2.1)	† (†)	260 (1.1)	269 (1.7)	245 (1.7)	† (†)	† (†)	70 (1.6)	27 (1.9)
Los Angeles .....	240 (1.0)	244 (1.1)	271 (3.4)	239 (3.6)	239 (1.0)	246 (1.1)	273 (3.6)	242 (3.3)	241 (1.2)	269 (4.5)	56 (1.5)	16 (1.1)
Miami-Dade .....	— (†)	261 (1.4)	273 (3.2)	250 (2.4)	261 (1.6)	260 (1.4)	275 (2.4)	246 (1.8)	262 (1.5)	† (†)	71 (1.9)	28 (1.8)
Milwaukee .....	— (†)	241 (2.0)	265 (3.4)	233 (2.3)	249 (2.9)	238 (1.6)	255 (3.0)	232 (2.0)	243 (2.9)	248 (5.5)	46 (2.1)	10 (1.3)
New York City .....	249 (1.9)	252 (1.4)	271 (2.4)	246 (1.9)	243 (2.2)	254 (1.8)	271 (3.6)	248 (2.3)	246 (2.4)	273 (3.3)	65 (2.1)	24 (1.8)
Philadelphia .....	— (†)	247 (2.5)	266 (5.2)	241 (1.9)	241 (3.7)	247 (1.5)	264 (3.8)	244 (1.9)	239 (3.0)	258 (4.7)	56 (2.1)	16 (1.6)
San Diego .....	250 (1.2)	254 (2.8)	273 (3.4)	239 (5.0)	242 (3.8)	256 (2.1)	275 (2.6)	238 (4.8)	245 (3.2)	268 (4.2)	68 (2.2)	27 (2.2)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at a given grade.

<sup>3</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: Beginning in 2009, if the results for charter schools are not included in a school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education under the

Elementary and Secondary Education Act, they are excluded from that district's results. This change had little or no impact on differences between any participating district's 2007 and 2009 average reading scores except those of the District of Columbia at grade 8. For details, see the Technical Notes in *The Nation's Report Card: Reading 2009 Trial Urban District Assessment* (NCES 2010-459). Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007, 2009, and 2011 Reading Assessments, retrieved May 20, 2010, and December 7, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared December 2011.)







**Table 152. Average National Assessment of Educational Progress (NAEP) arts scale score of 8th-graders, percentage distribution by frequency of instruction, and percentage participating in selected activities, by subject and selected characteristics: 2008**

[Standard errors appear in parentheses]

Selected characteristic	Average score			Percentage distribution of students by school-reported frequency of instruction								Percent of students reporting participation in musical activities in school		
	Music, <sup>1</sup> responding scale score (0 to 300)	Visual arts <sup>2</sup>		Music				Visual arts				Play in band	Play in orchestra	Sing in chorus or choir
		Responding scale score (0 to 300)	Creating task score (0 to 100)	Subject not offered	Less than once a week	Once or twice a week	At least 3 or 4 times a week	Subject not offered	Less than once a week	Once or twice a week	At least 3 or 4 times a week			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>All students .....</b>	<b>150 (1.2)</b>	<b>150 (1.2)</b>	<b>52 (0.6)</b>	<b>8 (2.0)</b>	<b>8 (2.0)</b>	<b>27 (3.1)</b>	<b>57 (3.2)</b>	<b>14 (2.4)</b>	<b>10 (2.5)</b>	<b>30 (3.5)</b>	<b>47 (3.9)</b>	<b>16 (0.9)</b>	<b>5 (0.5)</b>	<b>17 (1.2)</b>
Sex														
Male .....	145 (1.3)	145 (1.4)	49 (0.7)	9 (2.1)	8 (2.1)	27 (3.1)	56 (3.2)	14 (2.6)	10 (2.5)	30 (3.6)	46 (4.1)	18 (1.0)	3 (0.5)	9 (1.2)
Female .....	155 (1.4)	155 (1.2)	54 (0.7)	8 (2.0)	7 (1.9)	28 (3.2)	57 (3.2)	13 (2.3)	10 (2.5)	29 (3.3)	48 (3.8)	14 (1.0)	6 (0.6)	26 (1.8)
Race/ethnicity														
White .....	161 (1.3)	160 (1.2)	55 (0.5)	6 (2.5)	8 (2.5)	29 (4.0)	57 (3.6)	11 (2.6)	11 (3.4)	34 (4.4)	44 (4.6)	19 (1.2)	5 (0.6)	19 (1.6)
Black .....	130 (2.0)	129 (2.4)	43 (1.5)	10 (2.9)	8 (4.5)	26 (5.5)	56 (7.0)	18 (4.9)	10 (4.9)	24 (4.5)	49 (5.7)	13 (1.2)	4 (1.0)	21 (1.9)
Hispanic .....	129 (1.9)	134 (1.9)	46 (1.1)	14 (4.3)	6 (2.3)	21 (4.1)	59 (4.5)	17 (4.5)	5 (2.0)	23 (4.7)	56 (6.0)	8 (1.2)	3 (0.6)	10 (1.6)
Asian/Pacific Islander .....	159 (4.7)	156 (4.2)	54 (2.0)	7 (4.1)	8 (3.4)	25 (6.6)	60 (8.7)	5 (2.5)	11 (4.6)	29 (6.0)	54 (8.4)	21 (3.5)	6 (2.1)	16 (2.9)
Free or reduced-price lunch eligibility														
Eligible .....	132 (1.3)	132 (1.4)	46 (1.0)	10 (2.1)	6 (2.1)	26 (3.4)	58 (3.9)	18 (3.4)	9 (3.2)	26 (3.7)	47 (4.7)	12 (1.2)	3 (0.6)	15 (1.4)
Not eligible .....	161 (1.4)	161 (1.2)	55 (0.6)	8 (2.6)	8 (2.6)	26 (4.0)	59 (4.0)	10 (2.4)	10 (3.2)	30 (4.1)	50 (4.6)	19 (1.0)	5 (0.6)	19 (1.6)
Unknown .....	156 (5.6)	156 (5.9)	57 (2.6)	4 †	19 (8.7)	54 (11.5)	23 (10.5)	16 (10.3)	13 (8.4)	47 (13.6)	24 (10.6)	14 (6.3)	5 (2.3)	13 (2.0)
Control of school														
Public .....	149 (1.3)	149 (1.2)	51 (0.7)	8 (2.1)	7 (2.1)	24 (3.2)	61 (3.5)	13 (2.4)	10 (2.7)	26 (3.5)	51 (4.2)	17 (0.9)	5 (0.5)	18 (1.3)
Private .....	163 (2.8)	159 (5.2)	60 (1.3)	10 (6.0)	15 (6.9)	71 (8.8)	3 †	17 (8.2)	10 (6.1)	70 (10.2)	3 (0.9)	9 (1.9)	1 (0.4)	13 (2.1)
School location														
City .....	142 (2.0)	144 (2.1)	49 (1.2)	13 (4.0)	10 (3.8)	24 (5.7)	52 (5.6)	12 (2.6)	9 (3.5)	24 (4.9)	55 (5.4)	14 (1.0)	4 (0.6)	13 (1.3)
Suburban .....	155 (1.9)	155 (1.8)	54 (0.7)	3 (2.2)	7 (3.5)	32 (5.6)	57 (6.3)	10 (3.1)	10 (4.6)	33 (6.4)	46 (6.1)	14 (1.5)	6 (1.0)	16 (1.6)
Town .....	156 (3.5)	149 (2.8)	50 (1.2)	4 (1.0)	# †	18 (9.0)	78 (9.0)	16 (8.4)	# †	23 (9.2)	60 (10.5)	23 (3.0)	4 (1.3)	23 (3.4)
Rural .....	150 (2.6)	151 (3.0)	52 (1.5)	13 (5.0)	8 (4.8)	29 (5.7)	50 (7.7)	20 (7.3)	17 (6.8)	35 (7.8)	28 (6.7)	18 (2.5)	3 (1.0)	21 (3.4)
Region														
Northeast .....	154 (3.1)	160 (2.3)	52 (0.9)	10 (5.3)	13 (5.8)	40 (9.0)	37 (8.6)	5 (3.3)	5 †	50 (6.2)	39 (9.3)	16 (2.7)	6 (0.9)	17 (2.6)
Midwest .....	158 (2.9)	155 (2.3)	53 (1.3)	12 (6.6)	# †	25 (7.2)	63 (5.8)	9 (2.0)	15 (7.7)	26 (6.7)	50 (7.3)	22 (2.1)	6 (1.3)	24 (3.1)
South .....	147 (1.9)	147 (2.2)	51 (1.0)	6 (1.8)	10 (4.0)	25 (3.9)	59 (5.7)	19 (5.3)	9 (3.8)	26 (5.0)	46 (6.4)	16 (1.2)	4 (0.6)	16 (2.0)
West .....	144 (2.0)	143 (2.1)	51 (1.1)	8 (3.7)	8 (3.5)	24 (6.9)	60 (5.4)	15 (4.9)	9 (4.0)	25 (9.0)	51 (8.2)	9 (1.2)	3 (0.6)	12 (1.7)
Frequency of instruction														
Subject not offered .....	139 (6.3)	138 (4.2)	— †	† †	† †	† †	† †	† †	† †	† †	† †	17 (4.0)	4 (1.5)	11 (2.1)
Less than once a week .....	149 (6.4)	154 (5.3)	— †	† †	† †	† †	† †	† †	† †	† †	† †	11 (2.4)	4 (1.5)	10 (2.0)
Once or twice a week .....	152 (2.8)	154 (2.6)	— †	† †	† †	† †	† †	† †	† †	† †	† †	12 (1.7)	3 (0.8)	17 (2.2)
At least 3 or 4 times a week .....	149 (1.8)	149 (1.8)	— †	† †	† †	† †	† †	† †	† †	† †	† †	17 (1.4)	5 (0.7)	20 (1.6)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Students were asked to analyze and describe aspects of music they heard, critique instrumental and vocal performances, and demonstrate their knowledge of standard musical notation and music's role in society.

<sup>2</sup>Responding questions asked students to analyze and describe works of art and design, while creating questions required students to create works of art and design of their own.

NOTE: Excludes students unable to be tested due to limited proficiency in English or due to a disability (if the accommodations provided were not sufficient to enable the test to properly reflect the students' music or visual arts proficiency). Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2008 Arts Assessment, retrieved June 30, 2009, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared June 2009.)





**Table 155. Average National Assessment of Educational Progress (NAEP) economics scale score of 12th-graders, percentage attaining economics achievement levels, and percentage with different levels of economics coursework, by selected characteristics: 2006**

[Standard errors appear in parentheses]

Selected characteristic	Average scale score <sup>1</sup>	Percent of students attaining achievement levels				Percentage distribution of students by highest level of economics coursework taken				
		Below <i>Basic</i>	At or above <i>Basic</i> <sup>2</sup>	At or above <i>Proficient</i> <sup>3</sup>	At <i>Advanced</i> <sup>4</sup>	No economics courses	Combined course	Consumer economics/business	General economics	Advanced economics <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>All students .....</b>	<b>150 (0.9)</b>	<b>21 (0.8)</b>	<b>79 (0.8)</b>	<b>42 (1.1)</b>	<b>3 (0.3)</b>	<b>13 (0.9)</b>	<b>12 (0.7)</b>	<b>11 (0.7)</b>	<b>49 (1.4)</b>	<b>16 (0.7)</b>
<b>Sex</b>										
Male .....	152 (1.0)	21 (0.8)	79 (0.8)	45 (1.3)	4 (0.5)	13 (1.0)	10 (0.6)	10 (0.7)	50 (1.4)	16 (0.8)
Female .....	148 (0.9)	21 (0.9)	79 (0.9)	38 (1.3)	2 (0.3)	12 (0.9)	13 (0.9)	11 (0.8)	48 (1.6)	15 (0.8)
<b>Race/ethnicity</b>										
White .....	158 (0.8)	13 (0.7)	87 (0.7)	51 (1.2)	4 (0.4)	15 (1.1)	12 (0.8)	11 (0.8)	49 (1.6)	13 (0.9)
Black .....	127 (1.2)	43 (1.9)	57 (1.9)	16 (1.3)	# (†)	8 (0.8)	11 (0.9)	11 (1.2)	49 (1.7)	21 (1.1)
Hispanic .....	133 (1.2)	36 (1.6)	64 (1.6)	21 (1.2)	# (†)	8 (1.7)	13 (1.1)	7 (0.9)	55 (2.6)	18 (1.2)
Asian/Pacific Islander .....	153 (3.5)	20 (4.0)	80 (4.0)	44 (4.5)	4 (1.4)	13 (1.8)	10 (1.8)	10 (1.4)	45 (4.1)	22 (1.9)
American Indian/Alaska Native .....	137 (4.1)	28 (5.6)	72 (5.6)	26 (4.8)	2 (—)	11 (3.9)	18 (2.7)	17 (3.2)	41 (4.9)	13 (3.1)
<b>Parents' highest level of education</b>										
Not high school graduate .....	129 (1.4)	41 (2.1)	59 (2.1)	17 (1.7)	# (†)	10 (1.7)	13 (1.4)	10 (1.4)	53 (3.2)	14 (1.3)
Graduated high school .....	138 (1.2)	31 (1.5)	69 (1.5)	27 (1.4)	1 (0.3)	11 (1.2)	12 (1.0)	12 (1.0)	52 (1.7)	13 (0.9)
Some college .....	150 (0.8)	18 (1.1)	82 (1.1)	39 (1.4)	1 (0.4)	11 (1.0)	13 (0.9)	12 (1.0)	51 (1.9)	14 (1.0)
Graduated college .....	160 (0.9)	13 (0.8)	87 (0.8)	54 (1.3)	5 (0.6)	14 (1.0)	11 (0.8)	10 (0.7)	47 (1.5)	17 (1.0)
<b>Free or reduced-price lunch eligibility</b>										
Eligible .....	132 (0.9)	38 (1.1)	62 (1.1)	20 (1.1)	1 (0.2)	9 (0.7)	13 (1.1)	10 (0.9)	50 (1.6)	18 (0.8)
Not eligible .....	155 (0.9)	16 (0.8)	84 (0.8)	48 (1.2)	4 (0.4)	13 (1.1)	12 (0.8)	12 (0.9)	48 (1.6)	16 (0.9)
Not available .....	157 (1.9)	14 (1.7)	86 (1.7)	50 (2.8)	4 (1.1)	16 (3.0)	12 (1.6)	7 (1.1)	54 (3.1)	11 (1.4)
<b>School location</b>										
Central city .....	148 (1.4)	24 (1.3)	76 (1.3)	39 (1.8)	3 (0.7)	10 (1.3)	12 (1.2)	9 (1.0)	51 (2.7)	18 (1.3)
Urban fringe .....	152 (1.2)	20 (1.1)	80 (1.1)	44 (1.6)	3 (0.5)	14 (1.5)	12 (0.9)	11 (0.9)	47 (1.8)	17 (1.2)
Rural .....	149 (1.3)	20 (1.5)	80 (1.5)	40 (1.7)	2 (0.4)	12 (1.9)	12 (1.3)	13 (1.3)	51 (2.6)	12 (1.2)
<b>Region</b>										
Northeast .....	153 (2.0)	19 (1.7)	81 (1.7)	46 (2.6)	4 (0.9)	26 (2.6)	7 (1.1)	11 (1.3)	43 (3.2)	13 (1.4)
Midwest .....	153 (1.5)	17 (1.4)	83 (1.4)	45 (2.0)	3 (0.6)	12 (2.2)	12 (1.6)	15 (1.5)	51 (2.6)	10 (1.0)
South .....	147 (1.4)	23 (1.4)	77 (1.4)	37 (1.7)	2 (0.5)	6 (1.1)	14 (1.2)	9 (1.3)	49 (2.0)	22 (1.5)
West .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met. Item response rates fell below the required standards for reporting.

<sup>1</sup>Scale ranges from 0 to 300.

<sup>2</sup>*Basic* denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>3</sup>*Proficient* represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>4</sup>*Advanced* signifies superior performance for a given grade.

<sup>5</sup>Advanced economics includes Advanced Placement, International Baccalaureate, and honors courses.

NOTE: Includes public and private schools. Excludes persons unable to be tested due to limited proficiency in English or due to a disability (if the accommodations provided were not sufficient to enable the test to properly reflect the students' economics proficiency). Detail may not sum to totals due to rounding. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2006 Economics Assessment, retrieved August 23, 2007, from the NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/nde/>). (This table was prepared August 2007.)

**Table 156. Average National Assessment of Educational Progress (NAEP) geography scale score, standard deviation, and percentage of students attaining geography achievement levels, by grade level, selected student characteristics, and percentile: 1994, 2001, and 2010**  
[Standard errors appear in parentheses]

Selected student characteristic	4th-graders			8th-graders			12th-graders		
	1994 <sup>1</sup>	2001	2010	1994 <sup>1</sup>	2001	2010	1994 <sup>1</sup>	2001	2010
1	2	3	4	5	6	7	8	9	10
Average geography scale score <sup>2</sup>									
<b>All students .....</b>	<b>206 (1.2)</b>	<b>208 (0.9)</b>	<b>213 (0.8)</b>	<b>260 (0.7)</b>	<b>260 (1.0)</b>	<b>261 (0.7)</b>	<b>285 (0.7)</b>	<b>284 (0.8)</b>	<b>282 (0.6)</b>
Sex .....									
Male .....	208 (1.4)	210 (1.0)	215 (0.9)	262 (0.9)	262 (1.2)	263 (0.8)	288 (0.8)	287 (1.0)	285 (0.6)
Female .....	203 (1.4)	206 (1.3)	211 (0.9)	258 (0.8)	258 (1.0)	259 (0.8)	281 (0.9)	281 (0.8)	280 (0.8)
Race/ethnicity .....									
White .....	218 (1.5)	219 (1.1)	224 (0.9)	269 (0.8)	269 (1.4)	272 (0.6)	290 (0.8)	291 (0.8)	290 (0.5)
Black .....	166 (2.4)	180 (1.8)	192 (1.3)	229 (1.7)	233 (1.6)	241 (1.1)	258 (1.4)	258 (1.5)	261 (1.2)
Hispanic .....	177 (3.3)	185 (2.5)	197 (1.2)	238 (2.0)	237 (2.0)	244 (1.0)	269 (1.7)	268 (1.6)	270 (1.2)
Asian/Pacific Islander .....	211 (4.0)	214 (3.5)	224 (3.3)	262 (5.3)	264 (2.7)	268 (2.7)	283 (3.1)	284 (5.0)	285 (1.7)
American Indian/Alaska Native .....	‡ (†)	‡ (†)	201 (3.5)	251 (5.5)	261 (5.3)	250 (3.9)	‡ (†)	‡ (†)	277 (2.5)
Parents' highest level of education .....									
Did not finish high school .....	— (†)	— (†)	— (†)	238 (1.7)	236 (1.8)	243 (1.3)	263 (1.2)	266 (1.7)	263 (1.2)
Graduated high school .....	— (†)	— (†)	— (†)	250 (1.2)	251 (1.2)	251 (1.1)	274 (1.1)	275 (0.9)	274 (0.8)
Some education after high school .....	— (†)	— (†)	— (†)	265 (1.0)	264 (1.1)	262 (1.0)	286 (1.0)	284 (0.9)	280 (0.7)
Graduated college .....	— (†)	— (†)	— (†)	272 (1.0)	273 (1.0)	272 (0.7)	294 (0.9)	293 (1.0)	291 (0.7)
Eligibility for free or reduced-price lunch .....									
Eligible .....	— (†)	185 (1.4)	197 (0.7)	— (†)	239 (1.3)	246 (0.9)	— (†)	268 (1.7)	269 (0.8)
Not eligible .....	— (†)	221 (1.1)	227 (0.8)	— (†)	269 (1.2)	272 (0.7)	— (†)	287 (1.0)	288 (0.5)
Unknown .....	— (†)	219 (2.8)	227 (3.7)	— (†)	265 (2.3)	276 (2.6)	— (†)	288 (1.6)	289 (2.2)
Percentile <sup>3</sup> .....									
10th .....	146 (1.9)	159 (2.6)	169 (1.8)	213 (1.3)	213 (1.2)	220 (1.2)	244 (0.9)	246 (1.1)	247 (0.8)
25th .....	179 (1.5)	184 (1.4)	192 (1.2)	237 (1.0)	238 (1.3)	241 (0.7)	265 (1.1)	266 (1.2)	265 (0.8)
50th .....	211 (1.1)	211 (1.0)	216 (1.1)	263 (1.1)	264 (1.2)	263 (0.9)	287 (0.9)	286 (0.9)	284 (0.7)
75th .....	237 (1.3)	235 (1.4)	236 (0.7)	285 (0.9)	285 (1.1)	284 (0.9)	306 (1.0)	304 (0.9)	301 (0.7)
90th .....	257 (2.0)	254 (1.3)	253 (0.9)	302 (1.9)	302 (1.1)	300 (0.7)	321 (1.0)	319 (1.3)	315 (0.7)
Standard deviation of the geography scale score <sup>4</sup>									
All students .....	44 (0.8)	37 (0.8)	33 (0.4)	35 (0.4)	35 (0.5)	31 (0.3)	30 (0.4)	28 (0.4)	26 (0.3)
Percent of students achieving geography achievement levels									
Achievement level .....									
Below <i>Basic</i> .....	30 (1.1)	27 (1.0)	21 (0.9)	29 (1.0)	28 (1.2)	26 (0.9)	30 (0.9)	29 (1.0)	30 (0.9)
At or above <i>Basic</i> <sup>5</sup> .....	70 (1.1)	73 (1.0)	79 (0.9)	71 (1.0)	72 (1.2)	74 (0.9)	70 (0.9)	71 (1.0)	70 (0.9)
At or above <i>Basic</i> by sex .....									
Male .....	71 (1.3)	74 (0.9)	80 (1.0)	72 (1.3)	73 (1.5)	75 (1.0)	73 (1.1)	74 (1.3)	73 (1.0)
Female .....	68 (1.4)	71 (1.5)	78 (1.1)	69 (1.1)	71 (1.1)	73 (1.1)	67 (1.2)	68 (1.2)	66 (1.2)
At or above <i>Basic</i> by race/ethnicity .....									
White .....	81 (1.3)	84 (1.1)	89 (1.0)	81 (0.9)	82 (1.5)	86 (0.7)	78 (0.9)	81 (0.9)	81 (0.8)
Black .....	33 (2.4)	43 (2.5)	57 (2.1)	34 (3.0)	39 (2.4)	49 (1.7)	33 (2.3)	33 (2.0)	36 (1.8)
Hispanic .....	44 (3.1)	50 (3.1)	64 (1.7)	49 (3.8)	45 (2.5)	55 (1.5)	48 (3.0)	48 (2.9)	52 (2.0)
Asian/Pacific Islander .....	72 (4.4)	77 (4.2)	87 (3.2)	72 (6.7)	77 (3.6)	80 (3.3)	67 (3.8)	70 (6.2)	73 (2.7)
American Indian/Alaska Native .....	‡ (†)	‡ (†)	68 (6.4)	62 (7.7)	74 (4.8)	62 (7.2)	‡ (†)	‡ (†)	62 (5.1)
At or above <i>Proficient</i> <sup>6</sup> .....	22 (1.2)	20 (0.9)	21 (0.8)	28 (1.0)	29 (1.3)	27 (0.8)	27 (1.2)	24 (1.2)	20 (0.8)
At <i>Advanced</i> <sup>7</sup> .....	3 (0.4)	2 (0.3)	2 (0.2)	4 (0.4)	4 (0.5)	3 (0.2)	2 (0.5)	1 (0.3)	1 (0.1)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Accommodations were not permitted for this assessment.

<sup>2</sup>Scale ranges from 0 to 500.

<sup>3</sup>The percentile represents a specific point on the percentage distribution of all students ranked by their geography score from low to high. For example, 10 percent of students scored at or below the 10th percentile score, while 90 percent of students scored above it.

<sup>4</sup>The standard deviation provides an indication of how much the test scores varied. The lower the standard deviation, the closer the scores were clustered around the average score. About two-thirds of the student scores can be expected to fall within the range of one standard deviation above and one standard deviation below the average score. For example, the average score for all 4th-graders in 2010 was 213, and the standard deviation was 33. This means that we would expect about two-thirds of the students to have scores between 246 (one standard deviation above the average) and 180 (one standard deviation below). Standard errors

also must be taken into account when making comparisons of these ranges. For a discussion of standard errors, see Appendix A: Guide to Sources.

<sup>5</sup>*Basic* denotes partial mastery of the knowledge and skills that are fundamental for proficient work.

<sup>6</sup>*Proficient* represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>7</sup>*Advanced* signifies superior performance.

NOTE: For 2001 and later years, includes students tested with accommodations (3 to 13 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (1 to 4 percent of all students). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1994, 2001, and 2010 Geography Assessments, retrieved July 22, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nation-reportcard/naepdata/>). (This table was prepared July 2011.)







**Table 159. National Assessment of Educational Progress (NAEP) mathematics performance of 17-year-olds, by highest mathematics course taken, sex, and race/ethnicity: Selected years, 1978 through 2008**  
[Standard errors appear in parentheses]

Year, sex, and race/ethnicity	Percent of students	Average scale score by highest mathematics course taken						Percent of students at or above score levels			
		All students	Prealgebra or general mathematics	Algebra I	Geometry	Algebra II	Precalculus or calculus	200	250	300	350
1	2	3	4	5	6	7	8	9	10	11	12
<b>1978</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>300 (1.0)</b>	<b>267 (0.8)</b>	<b>286 (0.7)</b>	<b>307 (0.7)</b>	<b>321 (0.7)</b>	<b>334 (1.4)</b>	<b>100 (†)</b>	<b>92 (0.5)</b>	<b>52 (1.1)</b>	<b>7 (0.4)</b>
Sex											
Male .....	49 (0.5)	304 (1.0)	269 (1.0)	289 (0.9)	310 (1.0)	325 (0.8)	337 (2.0)	100 (†)	93 (0.5)	55 (1.2)	10 (0.6)
Female .....	51 (0.5)	297 (1.0)	264 (0.9)	284 (1.0)	304 (0.8)	318 (0.9)	329 (1.8)	100 (†)	91 (0.6)	48 (1.3)	5 (0.7)
Race/ethnicity											
White .....	83 (1.3)	306 (0.9)	272 (0.6)	291 (0.6)	310 (0.6)	325 (0.6)	338 (1.1)	100 (†)	96 (0.3)	58 (1.1)	8 (0.5)
Black .....	12 (1.1)	268 (1.3)	247 (1.6)	264 (1.5)	281 (1.9)	292 (1.4)	297 (6.5)	99 (0.3)	71 (1.7)	17 (1.6)	# (†)
Hispanic .....	4 (0.5)	276 (2.3)	256 (2.3)	273 (2.8)	294 (4.4)	303 (2.9)	† (†)	99 (0.4)	78 (2.3)	23 (2.7)	1 (0.6)
Other <sup>1</sup> .....	1 (0.1)	313 (3.3)	† (†)	† (†)	† (†)	323 (2.9)	† (†)	100 (†)	94 (2.6)	65 (4.9)	15 (3.2)
<b>1990</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>305 (0.9)</b>	<b>273 (1.1)</b>	<b>288 (1.2)</b>	<b>299 (1.5)</b>	<b>319 (1.0)</b>	<b>344 (2.7)</b>	<b>100 (†)</b>	<b>96 (0.5)</b>	<b>56 (1.4)</b>	<b>7 (0.6)</b>
Sex											
Male .....	49 (0.9)	306 (1.1)	274 (1.7)	291 (1.6)	302 (1.6)	323 (1.2)	347 (2.4)	100 (†)	96 (0.8)	58 (1.4)	9 (0.8)
Female .....	51 (0.9)	303 (1.1)	271 (1.8)	285 (1.8)	296 (1.8)	316 (1.1)	340 (4.0)	100 (†)	96 (0.8)	55 (1.8)	6 (0.8)
Race/ethnicity											
White .....	73 (0.5)	309 (1.0)	277 (1.1)	292 (1.6)	304 (1.3)	323 (0.9)	347 (2.8)	100 (†)	98 (0.3)	63 (1.6)	8 (0.7)
Black .....	16 (0.3)	289 (2.8)	264 (2.2)	278 (4.0)	285 (3.5)	302 (3.2)	† (†)	100 (†)	92 (2.2)	33 (4.5)	2 (1.0)
Hispanic .....	7 (0.4)	284 (2.9)	† (†)	† (†)	† (†)	306 (3.3)	† (†)	100 (†)	86 (4.2)	30 (3.1)	2 (0.8)
Other <sup>1</sup> .....	4 (0.5)	312 (5.2)	† (†)	† (†)	† (†)	321 (3.8)	† (†)	100 (†)	98 (†)	62 (7.0)	16 (4.3)
<b>1994</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>306 (1.0)</b>	<b>272 (1.2)</b>	<b>288 (1.4)</b>	<b>297 (1.7)</b>	<b>316 (1.0)</b>	<b>340 (2.2)</b>	<b>100 (†)</b>	<b>97 (0.5)</b>	<b>59 (1.4)</b>	<b>7 (0.8)</b>
Sex											
Male .....	49 (1.3)	309 (1.4)	274 (1.8)	289 (1.6)	301 (2.1)	320 (1.5)	343 (2.6)	100 (†)	97 (0.6)	60 (2.1)	9 (1.0)
Female .....	51 (1.3)	304 (1.1)	268 (1.9)	286 (1.9)	293 (1.8)	313 (1.1)	337 (2.8)	100 (†)	96 (0.6)	57 (1.4)	6 (0.9)
Race/ethnicity											
White .....	73 (0.5)	312 (1.1)	275 (1.4)	292 (1.7)	301 (1.5)	320 (1.0)	344 (2.0)	100 (†)	98 (0.4)	67 (1.4)	9 (1.1)
Black .....	15 (0.3)	286 (1.8)	† (†)	275 (3.3)	283 (3.8)	297 (2.5)	† (†)	100 (†)	91 (1.8)	30 (3.4)	# (†)
Hispanic .....	9 (0.3)	291 (3.7)	† (†)	† (†)	† (†)	304 (4.1)	† (†)	100 (†)	92 (3.6)	38 (5.5)	1 (—)
Other <sup>1</sup> .....	3 (0.3)	313 (4.5)	† (†)	† (†)	† (†)	323 (3.5)	† (†)	100 (†)	97 (†)	66 (6.6)	12 (3.6)
<b>1996</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>307 (1.2)</b>	<b>269 (1.9)</b>	<b>283 (1.3)</b>	<b>298 (1.3)</b>	<b>316 (1.3)</b>	<b>339 (1.7)</b>	<b>100 (†)</b>	<b>97 (0.4)</b>	<b>60 (1.7)</b>	<b>7 (0.8)</b>
Sex											
Male .....	50 (1.2)	310 (1.3)	272 (2.5)	286 (1.5)	302 (1.7)	320 (1.7)	342 (2.3)	100 (†)	97 (0.7)	63 (1.8)	9 (1.3)
Female .....	50 (1.2)	305 (1.4)	265 (2.2)	278 (2.2)	294 (1.5)	313 (1.4)	335 (2.2)	100 (†)	97 (0.6)	58 (2.2)	5 (0.8)
Race/ethnicity											
White .....	71 (0.6)	313 (1.4)	273 (2.3)	287 (2.0)	304 (1.6)	320 (1.4)	342 (1.9)	100 (†)	99 (0.4)	69 (2.2)	9 (1.0)
Black .....	15 (0.3)	286 (1.7)	† (†)	272 (2.4)	280 (3.0)	299 (2.2)	† (†)	100 (†)	91 (1.3)	31 (2.5)	1 (—)
Hispanic .....	9 (0.7)	292 (2.1)	† (†)	† (†)	† (†)	306 (2.8)	† (†)	100 (†)	92 (2.2)	40 (3.5)	2 (—)
Other <sup>1</sup> .....	4 (0.7)	312 (5.7)	† (†)	† (†)	† (†)	† (†)	† (†)	100 (†)	97 (1.2)	64 (7.2)	14 (5.0)
<b>1999</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>308 (1.0)</b>	<b>278 (2.8)</b>	<b>285 (1.7)</b>	<b>298 (1.2)</b>	<b>315 (0.8)</b>	<b>341 (1.4)</b>	<b>100 (†)</b>	<b>97 (0.5)</b>	<b>61 (1.6)</b>	<b>8 (0.8)</b>
Sex											
Male .....	48 (1.0)	310 (1.4)	281 (3.2)	288 (2.6)	301 (1.8)	317 (1.3)	343 (1.9)	100 (†)	96 (0.8)	63 (2.1)	10 (1.1)
Female .....	52 (1.0)	307 (1.0)	274 (3.2)	282 (2.5)	295 (1.3)	314 (1.1)	340 (2.0)	100 (†)	97 (0.4)	58 (1.9)	7 (1.1)
Race/ethnicity											
White .....	72 (0.5)	315 (1.1)	282 (3.4)	290 (2.2)	303 (1.5)	320 (0.9)	343 (1.5)	100 (†)	99 (0.4)	70 (2.0)	10 (1.1)
Black .....	15 (0.4)	283 (1.5)	† (†)	267 (2.9)	281 (2.5)	293 (1.4)	† (†)	100 (†)	89 (2.0)	27 (2.7)	1 (—)
Hispanic .....	10 (0.5)	293 (2.5)	† (†)	† (†)	† (†)	308 (3.0)	† (†)	100 (†)	94 (2.2)	38 (4.1)	3 (1.1)
Other <sup>1</sup> .....	4 (0.2)	320 (4.0)	† (†)	† (†)	† (†)	320 (4.4)	† (†)	100 (†)	100 (†)	76 (6.3)	14 (4.1)
<b>2008</b>											
<b>All students</b> .....	<b>100 (†)</b>	<b>306 (0.6)</b>	<b>270 (1.9)</b>	<b>280 (1.1)</b>	<b>295 (0.8)</b>	<b>307 (0.7)</b>	<b>333 (0.8)</b>	<b>— (†)</b>	<b>96 (0.4)</b>	<b>59 (0.9)</b>	<b>6 (0.4)</b>
Sex											
Male .....	50 (0.5)	309 (0.7)	273 (2.9)	283 (1.5)	300 (0.8)	310 (0.8)	336 (1.1)	— (†)	96 (0.5)	63 (1.0)	8 (0.6)
Female .....	50 (0.5)	303 (0.8)	267 (2.8)	276 (1.6)	289 (1.0)	303 (0.8)	331 (0.9)	— (†)	96 (0.4)	56 (1.3)	5 (0.3)
Race/ethnicity											
White .....	59 (1.5)	314 (0.7)	275 (2.3)	287 (1.3)	301 (0.9)	314 (0.8)	337 (0.8)	— (†)	98 (0.3)	71 (1.1)	8 (0.5)
Black .....	14 (1.4)	287 (1.2)	† (†)	266 (2.6)	282 (1.6)	291 (1.5)	312 (2.6)	— (†)	91 (1.4)	32 (1.6)	1 (0.2)
Hispanic .....	19 (1.2)	293 (1.1)	261 (3.2)	274 (2.3)	289 (1.3)	296 (1.2)	320 (1.9)	— (†)	92 (1.1)	41 (1.7)	1 (0.4)
Other <sup>1</sup> .....	7 (0.5)	316 (1.8)	† (†)	† (†)	297 (2.8)	311 (1.9)	340 (2.2)	— (†)	98 (0.7)	71 (2.2)	13 (1.8)

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes Asians/Pacific Islanders and American Indians/Alaska Natives.

NOTE: Score level 200 indicates ability to perform simple additive reasoning and problem solving. Score level 250 indicates ability to perform simple multiplicative reasoning and two-step problem solving. Score level 300 indicates ability to perform reasoning and problem solving involving fractions, decimals, percents, elementary geometry, and simple algebra. Score level 350 indicates ability to perform reasoning and problem solving involving geometry, algebra, and beginning statistics and probability. Scale ranges from 0 to 500. Excludes persons

not enrolled in school and students who were unable to be tested due to limited proficiency in English or due to a disability. Beginning in 2008, data are for a revised assessment format that provides accommodations for students with disabilities and English language learners. Includes public and private schools. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), *NAEP Trends in Academic Progress*, 1996 and 1999; and 2004 and 2008 Long-Term Trend Mathematics Assessments, retrieved June 4, 2009, from the Long-Term Trend NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared June 2009.)

**Table 160. Average National Assessment of Educational Progress (NAEP) mathematics scale score, by grade and selected student and school characteristics: Selected years, 1990 through 2011**

[Standard errors appear in parentheses]

Grade and selected student or school characteristic	1990 <sup>1</sup>	1992 <sup>1</sup>	1996	2000	2003	2005	2007	2009	2011
1	2	3	4	5	6	7	8	9	10
<b>4th grade, all students</b>	<b>213 (0.9)</b>	<b>220 (0.7)</b>	<b>224 (1.0)</b>	<b>226 (0.9)</b>	<b>235 (0.2)</b>	<b>238 (0.1)</b>	<b>240 (0.2)</b>	<b>240 (0.2)</b>	<b>241 (0.2)</b>
Sex									
Male	214 (1.2)	221 (0.8)	224 (1.1)	227 (1.0)	236 (0.3)	239 (0.2)	241 (0.2)	241 (0.3)	241 (0.2)
Female	213 (1.1)	219 (1.0)	223 (1.1)	224 (0.9)	233 (0.2)	237 (0.2)	239 (0.2)	239 (0.3)	240 (0.2)
Gap between female and male score	-1 (1.7)	-2 (1.2)	# (†)	-3 (1.4)	-3 (0.3)	-3 (0.2)	-2 (0.3)	-2 (0.4)	-1 (0.3)
Race/ethnicity									
White	220 (1.0)	227 (0.8)	232 (1.0)	234 (0.8)	243 (0.2)	246 (0.1)	248 (0.2)	248 (0.2)	249 (0.2)
Black	188 (1.8)	193 (1.4)	198 (1.6)	203 (1.2)	216 (0.4)	220 (0.3)	222 (0.3)	222 (0.3)	224 (0.4)
Hispanic	200 (2.2)	202 (1.5)	207 (1.9)	208 (1.5)	222 (0.4)	226 (0.3)	227 (0.3)	227 (0.3)	229 (0.3)
Asian <sup>2</sup>	225 (4.1)	231 (2.1)	229 (4.2)	† (†)	246 (1.1)	251 (0.7)	253 (0.8)	255 (1.0)	257 (1.0)
Native Hawaiian/Pacific Islander	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)
American Indian/Alaska Native	† (†)	† (†)	217 (5.6)	208 (3.5)	223 (1.0)	226 (0.9)	228 (0.7)	225 (0.9)	225 (0.9)
Gap between White and Black score	32 (2.0)	35 (1.6)	34 (1.8)	31 (1.5)	27 (0.4)	26 (0.3)	26 (0.4)	26 (0.4)	25 (0.4)
Gap between White and Hispanic score	20 (2.4)	25 (1.7)	25 (2.1)	27 (1.7)	22 (0.5)	20 (0.3)	21 (0.4)	21 (0.5)	20 (0.4)
Percentage of students in school eligible for free or reduced-price lunch									
0–25 percent (low poverty)	— (†)	— (†)	— (†)	239 (1.2)	247 (0.3)	250 (0.3)	252 (0.3)	254 (0.4)	255 (0.4)
26–50 percent	— (†)	— (†)	— (†)	227 (1.2)	237 (0.3)	240 (0.3)	242 (0.3)	242 (0.4)	245 (0.4)
51–75 percent	— (†)	— (†)	— (†)	216 (1.5)	229 (0.4)	232 (0.3)	234 (0.3)	234 (0.4)	237 (0.3)
76–100 percent (high poverty)	— (†)	— (†)	— (†)	205 (1.2)	216 (0.5)	220 (0.3)	222 (0.4)	223 (0.4)	226 (0.3)
Gap between low-poverty and high-poverty score	— (†)	— (†)	— (†)	34 (1.7)	31 (0.6)	30 (0.4)	30 (0.5)	31 (0.6)	29 (0.6)
English language learner (ELL) status									
ELL	— (†)	— (†)	201 (3.6)	199 (2.0)	214 (0.6)	216 (0.5)	217 (0.5)	218 (0.6)	219 (0.5)
Non-ELL	— (†)	— (†)	225 (0.9)	227 (0.8)	237 (0.2)	240 (0.1)	242 (0.2)	242 (0.2)	243 (0.2)
Gap between non-ELL and ELL score	— (†)	— (†)	24 (3.7)	28 (2.1)	23 (0.6)	24 (0.5)	25 (0.5)	24 (0.7)	24 (0.5)
<b>8th grade, all students</b>	<b>263 (1.3)</b>	<b>268 (0.9)</b>	<b>270 (0.9)</b>	<b>273 (0.8)</b>	<b>278 (0.3)</b>	<b>279 (0.2)</b>	<b>281 (0.3)</b>	<b>283 (0.3)</b>	<b>284 (0.2)</b>
Sex									
Male	263 (1.6)	268 (1.1)	271 (1.1)	274 (0.9)	278 (0.3)	280 (0.2)	282 (0.3)	284 (0.3)	284 (0.3)
Female	262 (1.3)	269 (1.0)	269 (1.1)	272 (0.9)	277 (0.3)	278 (0.2)	280 (0.3)	282 (0.4)	283 (0.2)
Gap between female and male score	-1 (2.1)	1 (1.5)	-2 (1.5)	-2 (1.3)	-2 (0.4)	-2 (0.3)	-2 (0.4)	-2 (0.5)	-1 (0.4)
Race/ethnicity									
White	270 (1.3)	277 (1.0)	281 (1.1)	284 (0.8)	288 (0.3)	289 (0.2)	291 (0.3)	293 (0.3)	293 (0.2)
Black	237 (2.7)	237 (1.3)	240 (1.9)	244 (1.2)	252 (0.5)	255 (0.4)	260 (0.4)	261 (0.5)	262 (0.5)
Hispanic	246 (4.3)	249 (1.2)	251 (1.7)	253 (1.3)	259 (0.6)	262 (0.4)	265 (0.4)	266 (0.6)	270 (0.5)
Asian <sup>2</sup>	275 (5.0)	290 (5.9)	† (†)	288 (3.5)	291 (1.3)	295 (0.9)	297 (0.9)	301 (1.2)	305 (1.1)
Native Hawaiian/Pacific Islander	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)	[2] (†)
American Indian/Alaska Native	† (†)	† (†)	† (†)	259 (7.5)	263 (1.8)	264 (0.9)	264 (1.2)	266 (1.1)	265 (0.9)
Gap between White and Black score	33 (3.0)	40 (1.7)	41 (2.2)	40 (1.5)	35 (0.6)	34 (0.4)	32 (0.5)	32 (0.5)	31 (0.5)
Gap between White and Hispanic score	24 (4.5)	28 (1.5)	30 (2.0)	31 (1.6)	29 (0.7)	27 (0.5)	26 (0.5)	26 (0.6)	23 (0.5)
Percentage of students in school eligible for free or reduced-price lunch									
0–25 percent (low poverty)	— (†)	— (†)	— (†)	287 (1.1)	291 (0.4)	293 (0.4)	296 (0.4)	298 (0.5)	300 (0.5)
26–50 percent	— (†)	— (†)	— (†)	270 (1.4)	278 (0.4)	280 (0.3)	282 (0.4)	284 (0.5)	287 (0.5)
51–75 percent	— (†)	— (†)	— (†)	260 (1.8)	266 (0.7)	268 (0.4)	271 (0.6)	274 (0.7)	276 (0.7)
76–100 percent (high poverty)	— (†)	— (†)	— (†)	246 (2.2)	251 (0.7)	254 (0.6)	259 (0.7)	260 (0.7)	264 (0.7)
Gap between low-poverty and high-poverty score	— (†)	— (†)	— (†)	41 (2.4)	40 (0.8)	38 (0.7)	37 (0.8)	38 (0.8)	36 (0.9)
English language learner (ELL) status									
ELL	— (†)	— (†)	226 (3.2)	234 (2.7)	242 (1.0)	244 (0.8)	246 (0.8)	243 (0.9)	244 (1.0)
Non-ELL	— (†)	— (†)	272 (1.0)	274 (0.8)	279 (0.3)	281 (0.2)	283 (0.3)	285 (0.3)	286 (0.2)
Gap between non-ELL and ELL score	— (†)	— (†)	46 (3.4)	40 (2.8)	38 (1.0)	37 (0.8)	38 (0.8)	42 (0.9)	42 (1.0)
<b>12th grade, all students</b>	<b>[3] (†)</b>	<b>[3] (†)</b>	<b>[3] (†)</b>	<b>[3] (†)</b>	<b>— (†)</b>	<b>150 (0.6)</b>	<b>— (†)</b>	<b>153 (0.7)</b>	<b>— (†)</b>
Sex									
Male	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	151 (0.7)	— (†)	155 (0.9)	— (†)
Female	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	149 (0.7)	— (†)	152 (0.7)	— (†)
Gap between female and male score	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	-3 (1.0)	— (†)	-3 (1.1)	— (†)
Race/ethnicity									
White	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	157 (0.6)	— (†)	161 (0.6)	— (†)
Black	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	127 (1.1)	— (†)	131 (0.8)	— (†)
Hispanic	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	133 (1.3)	— (†)	138 (0.8)	— (†)
Asian <sup>2</sup>	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	163 (2.0)	— (†)	175 (2.7)	— (†)
American Indian/Alaska Native	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	134 (4.1)	— (†)	144 (2.8)	— (†)
Gap between White and Black score	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	31 (1.2)	— (†)	30 (1.0)	— (†)
Gap between White and Hispanic score	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	24 (1.4)	— (†)	23 (1.0)	— (†)
Percentage of students in school eligible for free or reduced-price lunch									
0–25 percent (low poverty)	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	158 (1.0)	— (†)	166 (1.3)	— (†)
26–50 percent	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	147 (1.0)	— (†)	150 (0.7)	— (†)
51–75 percent	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	136 (1.3)	— (†)	140 (1.2)	— (†)
76–100 percent (high poverty)	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	122 (2.7)	— (†)	130 (1.7)	— (†)
Gap between low-poverty and high-poverty score	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	36 (2.8)	— (†)	36 (2.1)	— (†)
English language learner (ELL) status									
ELL	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	120 (2.5)	— (†)	117 (1.7)	— (†)
Non-ELL	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	151 (0.6)	— (†)	154 (0.7)	— (†)
Gap between non-ELL and ELL score	[3] (†)	[3] (†)	[3] (†)	[3] (†)	— (†)	31 (2.5)	— (†)	38 (1.9)	— (†)

—Not available.

†Not applicable.

#Rounds to zero.

†Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Accommodations were not permitted for this assessment.

<sup>2</sup>For assessment years prior to 2011, Native Hawaiian/Pacific Islander students are included with Asian students.

<sup>3</sup>Because of major changes to the framework and content of the grade 12 assessment, scores from 2005 and later assessment years cannot be compared with scores from earlier assessment years. Therefore, this table does not include scores from the earlier grade 12 assessment years (1990, 1992, 1996, and 2000). For data pertaining to comparisons between earlier years, see the *Digest of Education Statistics 2009*, table 138 ([http://nces.ed.gov/programs/digest/d09/tables/dt09\\_138.asp](http://nces.ed.gov/programs/digest/d09/tables/dt09_138.asp)).

NOTE: For the grade 4 and grade 8 assessments, scale ranges from 0 to 500. For the grade 12 assessment, scale ranges from 0 to 300. Includes public and private schools. For 1996 and later years, includes students tested with accommodations (1 to 12 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 4 percent of all students). Race categories exclude persons of Hispanic ethnicity. Gaps are computed based on unrounded scores.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1992, 1996, 2000, 2003, 2005, 2007, 2009, and 2011 Mathematics Assessments, retrieved November 2, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared July 2012.)

**Table 161. Percentage of students at or above selected National Assessment of Educational Progress (NAEP) mathematics achievement levels, by grade and selected student characteristics: Selected years, 1996 through 2011**

[Standard errors appear in parentheses]

Grade and selected student characteristic	1996		2000		2003		2005		2007		2009		2011	
	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>	At or above Basic <sup>1</sup>	At or above Proficient <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>4th grade, all students .....</b>	<b>63 (1.3)</b>	<b>21 (1.1)</b>	<b>65 (1.3)</b>	<b>24 (1.0)</b>	<b>77 (0.3)</b>	<b>32 (0.3)</b>	<b>80 (0.2)</b>	<b>36 (0.2)</b>	<b>82 (0.2)</b>	<b>39 (0.3)</b>	<b>82 (0.3)</b>	<b>39 (0.3)</b>	<b>82 (0.2)</b>	<b>40 (0.3)</b>
Sex .....														
Male .....	63 (1.5)	22 (1.2)	67 (1.4)	26 (1.2)	78 (0.4)	35 (0.4)	81 (0.2)	38 (0.2)	82 (0.2)	41 (0.3)	82 (0.3)	41 (0.4)	83 (0.3)	41 (0.4)
Female .....	63 (1.4)	20 (1.4)	64 (1.5)	22 (1.1)	76 (0.3)	30 (0.3)	80 (0.2)	34 (0.3)	82 (0.2)	37 (0.4)	82 (0.3)	37 (0.4)	82 (0.3)	37 (0.4)
Race/ethnicity .....														
White .....	76 (1.2)	27 (1.3)	78 (1.4)	31 (1.2)	87 (0.2)	43 (0.3)	90 (0.2)	47 (0.2)	91 (0.2)	51 (0.4)	91 (0.2)	51 (0.4)	91 (0.2)	52 (0.4)
Black .....	27 (2.0)	3 (0.6)	36 (1.9)	5 (0.8)	54 (0.6)	10 (0.3)	60 (0.5)	13 (0.3)	64 (0.6)	15 (0.4)	64 (0.6)	16 (0.5)	66 (0.6)	17 (0.5)
Hispanic .....	40 (2.7)	7 (1.4)	42 (2.6)	7 (1.0)	62 (0.7)	16 (0.5)	68 (0.5)	19 (0.3)	70 (0.5)	22 (0.4)	71 (0.7)	22 (0.4)	72 (0.5)	24 (0.5)
Asian/Pacific Islander .....	67 (5.7)	27 (5.0)	† (†)	† (†)	87 (0.8)	48 (1.9)	90 (0.5)	55 (1.1)	91 (0.7)	58 (1.3)	92 (0.6)	60 (1.5)	91 (0.6)	62 (1.6)
American Indian/Alaska Native .....	57 (7.5)	† (†)	40 (6.1)	8 (4.5)	64 (1.7)	17 (1.2)	68 (1.5)	21 (1.2)	70 (1.2)	25 (1.1)	66 (1.6)	21 (1.2)	66 (1.2)	22 (1.2)
Eligibility for free or reduced-price lunch .....														
Eligible .....	40 (1.8)	8 (0.9)	43 (1.5)	8 (0.8)	62 (0.5)	15 (0.3)	67 (0.3)	19 (0.2)	70 (0.4)	22 (0.3)	70 (0.4)	22 (0.3)	72 (0.3)	24 (0.3)
Not eligible .....	76 (1.2)	27 (1.2)	78 (1.6)	32 (1.6)	88 (0.3)	45 (0.4)	90 (0.2)	49 (0.3)	91 (0.2)	53 (0.4)	91 (0.3)	54 (0.4)	92 (0.2)	57 (0.4)
Unknown .....	72 (3.0)	28 (4.1)	80 (2.2)	36 (2.2)	84 (0.9)	41 (1.2)	87 (0.7)	45 (1.2)	90 (0.9)	48 (1.5)	88 (1.3)	47 (1.7)	90 (0.8)	52 (1.4)
<b>8th grade, all students .....</b>	<b>61 (1.0)</b>	<b>23 (1.0)</b>	<b>63 (0.9)</b>	<b>26 (0.8)</b>	<b>68 (0.3)</b>	<b>29 (0.3)</b>	<b>69 (0.2)</b>	<b>30 (0.2)</b>	<b>71 (0.3)</b>	<b>32 (0.3)</b>	<b>73 (0.3)</b>	<b>34 (0.3)</b>	<b>73 (0.2)</b>	<b>35 (0.2)</b>
Sex .....														
Male .....	62 (1.2)	25 (1.2)	64 (1.1)	27 (1.0)	69 (0.4)	30 (0.4)	70 (0.3)	31 (0.3)	72 (0.3)	34 (0.4)	73 (0.3)	36 (0.4)	73 (0.4)	36 (0.3)
Female .....	60 (1.2)	22 (1.2)	63 (1.1)	24 (0.9)	67 (0.4)	27 (0.3)	69 (0.3)	28 (0.3)	71 (0.3)	30 (0.3)	72 (0.4)	32 (0.4)	73 (0.2)	34 (0.3)
Race/ethnicity .....														
White .....	73 (1.3)	30 (1.3)	76 (0.9)	34 (1.0)	80 (0.3)	37 (0.4)	80 (0.2)	39 (0.3)	82 (0.3)	42 (0.3)	83 (0.3)	44 (0.4)	84 (0.3)	44 (0.3)
Black .....	25 (1.8)	4 (0.8)	31 (1.5)	5 (0.6)	39 (0.8)	7 (0.3)	42 (0.5)	9 (0.3)	47 (0.7)	11 (0.3)	50 (0.6)	12 (0.5)	51 (0.6)	13 (0.4)
Hispanic .....	39 (2.0)	8 (1.1)	41 (1.9)	8 (1.0)	48 (0.8)	12 (0.5)	52 (0.6)	13 (0.4)	55 (0.7)	15 (0.4)	57 (0.8)	17 (0.6)	61 (0.7)	20 (0.6)
Asian/Pacific Islander .....	† (†)	† (†)	75 (2.8)	41 (4.4)	78 (1.1)	43 (1.3)	81 (0.8)	47 (1.2)	83 (0.8)	50 (1.1)	85 (1.0)	54 (1.8)	86 (1.0)	55 (1.2)
American Indian/Alaska Native .....	† (†)	† (†)	47 (10.4)	† (†)	52 (2.7)	15 (1.7)	53 (1.3)	14 (1.2)	53 (1.8)	16 (1.2)	56 (1.5)	18 (1.3)	55 (1.5)	17 (1.2)
Eligibility for free or reduced-price lunch .....														
Eligible .....	38 (2.1)	8 (1.2)	41 (1.3)	9 (0.8)	48 (0.5)	12 (0.4)	51 (0.4)	13 (0.2)	55 (0.5)	15 (0.3)	57 (0.5)	17 (0.3)	59 (0.4)	19 (0.3)
Not eligible .....	69 (1.5)	28 (1.3)	74 (1.1)	34 (1.3)	79 (0.3)	37 (0.4)	79 (0.2)	39 (0.3)	81 (0.3)	42 (0.4)	83 (0.3)	45 (0.4)	84 (0.2)	47 (0.4)
Unknown .....	70 (2.6)	30 (2.6)	67 (2.0)	29 (1.5)	75 (1.1)	36 (1.2)	79 (1.1)	40 (1.4)	81 (1.7)	43 (1.7)	83 (1.3)	48 (1.9)	85 (0.9)	48 (1.5)
<b>12th grade, all students .....</b>	<b>[<sup>3</sup>] (†)</b>	<b>[<sup>3</sup>] (†)</b>	<b>[<sup>3</sup>] (†)</b>	<b>[<sup>3</sup>] (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>61 (0.8)</b>	<b>23 (0.7)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>64 (0.8)</b>	<b>26 (0.8)</b>	<b>— (†)</b>	<b>— (†)</b>
Sex .....														
Male .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	62 (0.9)	25 (1.0)	— (†)	— (†)	65 (0.9)	28 (1.0)	— (†)	— (†)
Female .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	60 (1.0)	21 (0.8)	— (†)	— (†)	63 (0.8)	24 (0.8)	— (†)	— (†)
Race/ethnicity .....														
White .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	70 (0.8)	29 (0.8)	— (†)	— (†)	75 (0.7)	33 (0.8)	— (†)	— (†)
Black .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	30 (1.7)	6 (0.8)	— (†)	— (†)	37 (1.2)	6 (0.6)	— (†)	— (†)
Hispanic .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	40 (2.1)	8 (1.0)	— (†)	— (†)	45 (1.1)	11 (0.8)	— (†)	— (†)
Asian/Pacific Islander .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	73 (2.6)	36 (3.0)	— (†)	— (†)	84 (1.9)	52 (3.4)	— (†)	— (†)
American Indian/Alaska Native .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	42 (8.6)	6 (2.9)	— (†)	— (†)	56 (5.4)	12 (3.3)	— (†)	— (†)
Eligibility for free or reduced-price lunch .....														
Eligible .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	39 (1.6)	8 (1.0)	— (†)	— (†)	45 (1.1)	10 (0.6)	— (†)	— (†)
Not eligible .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	66 (0.9)	27 (0.9)	— (†)	— (†)	72 (0.7)	32 (1.1)	— (†)	— (†)
Unknown .....	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	[ <sup>3</sup> ] (†)	— (†)	— (†)	75 (2.7)	35 (2.3)	— (†)	— (†)	71 (3.3)	32 (3.0)	— (†)	— (†)

—Not available.

†Not applicable.

<sup>1</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work.<sup>2</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.<sup>3</sup>Because of major changes to the framework and content of the grade 12 assessment, results from 2005 and later assessment years cannot be compared with results from earlier assessment years. Therefore, this table excludes grade 12 results from 1996 and 2000.

NOTE: Includes public and private schools. Includes students tested with accommodations (1 to 12 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 4 percent of all students). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1996, 2000, 2003, 2005, 2007, 2009, and 2011 Mathematics Assessments, retrieved August 8, 2012, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2012.)

**Table 162. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 8th-graders and percentage reporting various attitudes toward mathematics work, by frequency of attitude and selected student and school characteristics: 2011**

[Standard errors appear in parentheses]

Student or school characteristic	Math work is engaging and interesting				Math work is challenging				Math work is too easy			
	Never or hardly ever	Sometimes	Often	Always/ almost always	Never or hardly ever	Sometimes	Often	Always/ almost always	Never or hardly ever	Sometimes	Often	Always/ almost always
1	2	3	4	5	6	7	8	9	10	11	12	13
	Average scale score <sup>1</sup>											
<b>All students</b> .....	<b>280 (0.3)</b>	<b>284 (0.3)</b>	<b>289 (0.3)</b>	<b>286 (0.5)</b>	<b>293 (0.4)</b>	<b>285 (0.3)</b>	<b>283 (0.3)</b>	<b>274 (0.6)</b>	<b>284 (0.4)</b>	<b>283 (0.2)</b>	<b>287 (0.4)</b>	<b>289 (0.7)</b>
Sex .....												
Male .....	281 (0.4)	285 (0.4)	289 (0.5)	287 (0.7)	295 (0.6)	286 (0.4)	284 (0.5)	272 (0.8)	283 (0.6)	283 (0.3)	289 (0.5)	292 (0.8)
Female .....	278 (0.4)	283 (0.4)	288 (0.5)	286 (0.6)	290 (0.6)	284 (0.3)	283 (0.4)	276 (0.7)	285 (0.5)	282 (0.3)	285 (0.5)	286 (1.1)
Race/ethnicity .....												
White .....	286 (0.3)	294 (0.3)	299 (0.3)	300 (0.7)	300 (0.6)	294 (0.3)	293 (0.3)	285 (0.6)	291 (0.4)	293 (0.2)	297 (0.4)	298 (0.7)
Black .....	261 (0.9)	263 (0.6)	265 (0.7)	265 (0.7)	274 (1.1)	265 (0.5)	262 (0.7)	253 (1.0)	262 (0.8)	261 (0.6)	266 (0.6)	270 (1.2)
Hispanic .....	267 (0.7)	269 (0.7)	274 (0.7)	274 (1.0)	277 (1.2)	271 (0.6)	270 (0.8)	262 (1.2)	268 (1.2)	269 (0.6)	275 (0.8)	275 (1.8)
Asian .....	300 (2.1)	304 (1.5)	309 (1.5)	309 (2.3)	317 (2.6)	306 (1.4)	303 (1.7)	295 (4.1)	312 (2.8)	303 (1.2)	307 (1.7)	312 (3.1)
Native Hawaiian/ Pacific Islander .....	272 (5.8)	267 (3.3)	276 (4.6)	272 (6.0)	268 (11.9)	273 (3.1)	271 (4.4)	257 (6.0)	272 (4.3)	271 (3.1)	268 (4.6)	277 (9.5)
American Indian/ Alaska Native .....	263 (2.1)	267 (2.1)	269 (1.8)	268 (2.8)	275 (3.6)	267 (1.6)	266 (1.6)	260 (3.7)	267 (3.0)	265 (1.3)	267 (2.0)	275 (4.5)
Eligibility for free or reduced-price lunch .....												
Eligible .....	266 (0.5)	269 (0.4)	273 (0.4)	271 (0.6)	279 (0.7)	271 (0.4)	268 (0.4)	258 (0.6)	266 (0.6)	268 (0.3)	274 (0.5)	276 (1.1)
Not eligible .....	288 (0.4)	296 (0.4)	301 (0.4)	301 (0.6)	303 (0.6)	296 (0.3)	295 (0.4)	289 (0.7)	295 (0.5)	295 (0.3)	299 (0.6)	301 (0.9)
Unknown .....	290 (1.5)	296 (1.2)	301 (1.5)	301 (2.2)	305 (1.7)	298 (1.5)	295 (1.3)	286 (2.7)	295 (1.7)	295 (1.1)	300 (1.5)	304 (3.2)
Control of school .....												
Public .....	279 (0.3)	283 (0.3)	287 (0.3)	285 (0.5)	292 (0.4)	284 (0.3)	282 (0.3)	273 (0.6)	283 (0.4)	282 (0.2)	286 (0.4)	288 (0.7)
Private .....	290 (1.2)	296 (1.0)	301 (1.2)	300 (1.9)	305 (1.6)	298 (1.2)	295 (1.0)	286 (2.1)	295 (1.3)	295 (0.9)	301 (1.3)	304 (2.7)
	Percent of students											
<b>All students</b> .....	<b>23 (0.2)</b>	<b>36 (0.2)</b>	<b>27 (0.2)</b>	<b>14 (0.2)</b>	<b>12 (0.2)</b>	<b>46 (0.2)</b>	<b>31 (0.2)</b>	<b>10 (0.1)</b>	<b>17 (0.2)</b>	<b>54 (0.2)</b>	<b>21 (0.2)</b>	<b>8 (0.1)</b>
Sex .....												
Male .....	23 (0.3)	35 (0.3)	28 (0.3)	14 (0.2)	13 (0.2)	46 (0.3)	31 (0.3)	10 (0.2)	15 (0.2)	54 (0.3)	23 (0.3)	9 (0.2)
Female .....	23 (0.2)	38 (0.2)	26 (0.2)	13 (0.2)	12 (0.2)	47 (0.3)	30 (0.3)	10 (0.1)	19 (0.2)	55 (0.3)	19 (0.3)	7 (0.2)
Race/ethnicity .....												
White .....	26 (0.3)	37 (0.2)	26 (0.2)	11 (0.2)	13 (0.2)	46 (0.3)	31 (0.3)	10 (0.1)	20 (0.2)	54 (0.2)	19 (0.2)	7 (0.1)
Black .....	18 (0.4)	34 (0.5)	28 (0.4)	20 (0.4)	12 (0.4)	45 (0.5)	31 (0.4)	13 (0.3)	15 (0.3)	55 (0.5)	21 (0.4)	9 (0.3)
Hispanic .....	19 (0.5)	38 (0.5)	29 (0.5)	14 (0.3)	11 (0.3)	48 (0.5)	32 (0.5)	10 (0.3)	12 (0.3)	56 (0.5)	24 (0.4)	8 (0.4)
Asian .....	15 (0.6)	36 (0.9)	32 (0.9)	18 (0.9)	16 (1.0)	50 (1.2)	27 (1.1)	7 (0.6)	10 (0.6)	49 (1.0)	29 (0.8)	12 (0.6)
Native Hawaiian/ Pacific Islander .....	12 (1.9)	36 (3.2)	36 (3.2)	15 (2.0)	12 (2.7)	45 (4.4)	32 (3.5)	10 (1.3)	8 (1.0)	48 (3.6)	37 (3.3)	7 (1.5)
American Indian/ Alaska Native .....	23 (1.4)	37 (1.5)	27 (1.2)	13 (1.0)	11 (0.9)	44 (1.5)	33 (1.6)	12 (1.0)	15 (1.0)	59 (1.6)	19 (1.0)	6 (0.6)
Eligibility for free or reduced-price lunch .....												
Eligible .....	21 (0.3)	36 (0.3)	27 (0.2)	15 (0.2)	12 (0.2)	47 (0.3)	31 (0.3)	11 (0.2)	14 (0.2)	55 (0.3)	23 (0.3)	8 (0.2)
Not eligible .....	25 (0.2)	37 (0.2)	27 (0.3)	12 (0.2)	13 (0.2)	46 (0.3)	31 (0.3)	10 (0.1)	18 (0.2)	54 (0.2)	20 (0.2)	8 (0.1)
Unknown .....	23 (0.7)	36 (0.8)	28 (0.7)	13 (0.6)	11 (0.5)	44 (0.8)	35 (0.8)	10 (0.5)	22 (0.8)	56 (0.9)	17 (0.7)	5 (0.4)
Control of school .....												
Public .....	23 (0.2)	37 (0.2)	27 (0.2)	14 (0.2)	13 (0.2)	47 (0.2)	30 (0.2)	10 (0.1)	16 (0.2)	54 (0.2)	22 (0.2)	8 (0.1)
Private .....	24 (0.6)	35 (0.6)	28 (0.5)	13 (0.4)	11 (0.4)	44 (0.6)	35 (0.6)	10 (0.4)	21 (0.6)	56 (0.7)	17 (0.5)	5 (0.3)

<sup>1</sup>Scale ranges from 0 to 500.

NOTE: Includes public and private schools. Includes students tested with accommodations (10 percent of all 8th-grade students); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 percent of all 8th-grade students). Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Mathematics Assessment, retrieved November 1, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared November 2011.)

**Table 163. Average National Assessment of Educational Progress (NAEP) mathematics scale score of high school graduates at grade 12, by highest mathematics course taken in high school and selected student and school characteristics: 2009**

[Standard errors appear in parentheses]

Selected student or school characteristic	Algebra I or below <sup>1</sup>		Geometry		Algebra II/ trigonometry		Analysis/ precalculus		Statistics/ probability		Advanced mathematics, other <sup>2</sup>		Calculus	
1	2		3		4		5		6		7		8	
<b>Total<sup>3</sup></b> .....	<b>114</b>	<b>(1.1)</b>	<b>127</b>	<b>(1.0)</b>	<b>143</b>	<b>(0.6)</b>	<b>166</b>	<b>(0.9)</b>	<b>164</b>	<b>(1.8)</b>	<b>154</b>	<b>(1.3)</b>	<b>193</b>	<b>(1.2)</b>
Sex														
Male .....	117	(1.7)	128	(1.2)	145	(0.8)	169	(1.0)	165	(2.2)	156	(1.5)	197	(1.4)
Female .....	111	(1.6)	126	(1.1)	142	(0.8)	163	(1.0)	162	(2.0)	153	(1.4)	190	(1.2)
Race/ethnicity														
White .....	117	(1.6)	133	(1.3)	150	(0.8)	172	(0.9)	169	(1.5)	160	(1.3)	194	(1.1)
Black .....	104	(2.8)	114	(1.8)	129	(0.9)	147	(1.6)	139	(4.0)	138	(2.1)	170	(2.7)
Hispanic .....	109	(2.2)	122	(1.0)	136	(0.8)	155	(1.6)	154	(3.2)	142	(2.3)	179	(2.5)
Asian/Pacific Islander.....	‡	(†)	129	(3.9)	149	(4.1)	170	(2.3)	176	(4.1)	164	(2.9)	203	(1.8)
American Indian/Alaska Native.....	‡	(†)	‡	(†)	143	(3.8)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
Student with disabilities (SD) status														
SD <sup>4</sup> .....	103	(1.7)	114	(2.5)	126	(2.1)	166	(5.0)	136	(6.3)	134	(3.5)	197	(3.7)
Non-SD .....	122	(1.2)	129	(0.9)	144	(0.6)	166	(0.9)	164	(1.7)	156	(1.3)	193	(1.2)
English language learner (ELL) status														
ELL .....	104	(4.5)	113	(2.8)	121	(2.1)	144	(6.1)	‡	(†)	129	(4.8)	‡	(†)
Non-ELL .....	114	(1.2)	128	(1.0)	144	(0.6)	166	(0.9)	164	(1.8)	155	(1.3)	193	(1.2)
School type														
Traditional public .....	114	(1.2)	127	(1.0)	143	(0.7)	166	(0.9)	164	(1.8)	155	(1.4)	193	(1.3)
Public charter .....	‡	(†)	‡	(†)	137	(10.3)	141	(6.8)	132	(1.6)	‡	(†)	‡	(†)
Private .....	‡	(†)	123	(3.3)	146	(3.3)	169	(2.7)	168	(3.9)	146	(4.0)	193	(3.3)
Percentage of students eligible for free or reduced-price lunch														
0–25 percent .....	116	(3.0)	134	(2.0)	151	(1.3)	173	(1.5)	173	(1.5)	162	(1.9)	199	(1.6)
26–50 percent .....	115	(1.5)	127	(1.4)	144	(1.0)	165	(1.1)	162	(2.9)	154	(1.7)	189	(1.0)
51–75 percent .....	111	(3.0)	123	(1.8)	136	(1.1)	156	(1.3)	149	(3.6)	146	(3.7)	179	(2.8)
76–100 percent .....	107	(5.4)	115	(3.1)	126	(2.0)	144	(3.7)	137	(4.1)	131	(2.6)	163	(3.9)
School locale														
City .....	110	(2.6)	125	(1.7)	140	(1.8)	163	(2.1)	163	(3.3)	151	(3.0)	195	(2.3)
Suburban .....	112	(2.3)	127	(1.9)	144	(1.0)	169	(1.4)	167	(2.4)	157	(2.0)	195	(2.0)
Town .....	114	(2.5)	129	(1.9)	144	(1.6)	166	(1.6)	164	(3.1)	152	(3.8)	191	(2.1)
Rural .....	117	(2.0)	129	(1.4)	145	(1.3)	165	(1.9)	157	(4.9)	155	(2.1)	187	(2.0)

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes basic math, general math, applied math, prealgebra, and algebra I.

<sup>2</sup>Includes courses such as actuarial sciences, pure mathematics, discrete math, and advanced functions and modeling.

<sup>3</sup>Includes other racial/ethnic groups not shown separately, as well as students for whom information on race/ethnicity or sex was missing.

<sup>4</sup>SD estimates include both students with an Individualized Education Plan (IEP) and students with a plan under Section 504 of the Rehabilitation Act (a “504 plan”). IEPs are only for students who require specialized instruction, whereas 504 plans apply to students who require accommodations but may not require specialized instruction.

NOTE: Scale ranges from 0 to 300. Includes students tested with accommodations (6 percent of all 12th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (3 percent of all 12th-graders). For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate received either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained more than 0 Carnegie credits in English courses. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Mathematics Assessment; and 2009 High School Transcript Study (HSTS). (This table was prepared September 2012.)

**Table 164. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 4th-grade public school students and percentage attaining mathematics achievement levels, by state: Selected years, 1992 through 2011**  
[Standard errors appear in parentheses]

State	Average scale score <sup>1</sup>							Percent attaining mathematics achievement levels, 2011			
	1992	2000	2003	2005	2007	2009	2011	Below Basic	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>	At Advanced <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>219 (0.8)</b>	<b>224 (1.0)</b>	<b>234 (0.2)</b>	<b>237 (0.2)</b>	<b>239 (0.2)</b>	<b>239 (0.2)</b>	<b>240 (0.2)</b>	<b>18 (0.2)</b>	<b>82 (0.2)</b>	<b>40 (0.3)</b>	<b>6 (0.2)</b>
Alabama .....	208 (1.6)	217 (1.2)	223 (1.2)	225 (0.9)	229 (1.3)	228 (1.1)	231 (1.0)	25 (1.5)	75 (1.5)	27 (1.6)	3 (0.5)
Alaska .....	— (†)	— (†)	233 (0.8)	236 (1.0)	237 (1.0)	237 (0.9)	236 (0.9)	22 (1.1)	78 (1.1)	37 (1.5)	6 (0.7)
Arizona .....	215 (1.1)	219 (1.3)	229 (1.1)	230 (1.1)	232 (1.0)	230 (1.1)	235 (1.1)	23 (1.1)	77 (1.1)	34 (1.7)	4 (0.6)
Arkansas .....	210 (0.9)	216 (1.1)	229 (0.9)	236 (0.9)	238 (1.1)	238 (0.9)	238 (0.8)	19 (0.9)	81 (0.9)	37 (1.2)	4 (0.6)
California <sup>5</sup> .....	208 (1.6)	213 (1.6)	227 (0.9)	230 (0.6)	230 (0.7)	232 (1.2)	234 (1.4)	26 (1.3)	74 (1.3)	34 (1.8)	6 (1.1)
Colorado .....	221 (1.0)	— (†)	235 (1.0)	239 (1.1)	240 (1.0)	243 (1.0)	244 (0.9)	16 (0.8)	84 (0.8)	47 (1.5)	10 (0.9)
Connecticut .....	227 (1.1)	234 (1.1)	241 (0.8)	242 (0.8)	243 (1.1)	245 (1.0)	242 (1.3)	18 (1.6)	82 (1.6)	45 (1.6)	8 (0.7)
Delaware .....	218 (0.8)	— (†)	236 (0.5)	240 (0.5)	242 (0.4)	239 (0.5)	240 (0.6)	16 (0.9)	84 (0.9)	39 (1.1)	5 (0.5)
District of Columbia .....	193 (0.5)	192 (1.1)	205 (0.7)	211 (0.8)	214 (0.8)	219 (0.7)	222 (0.7)	40 (1.0)	60 (1.0)	22 (0.7)	4 (0.4)
Florida .....	214 (1.5)	— (†)	234 (1.1)	239 (0.7)	242 (0.8)	242 (1.0)	240 (0.8)	16 (1.1)	84 (1.1)	37 (1.3)	5 (0.5)
Georgia .....	216 (1.2)	219 (1.1)	230 (1.0)	234 (1.0)	235 (0.8)	236 (0.9)	238 (0.7)	20 (0.9)	80 (0.9)	37 (1.2)	6 (0.5)
Hawaii .....	214 (1.3)	216 (1.0)	227 (1.0)	230 (0.8)	234 (0.8)	236 (1.1)	239 (0.7)	20 (0.8)	80 (0.8)	40 (1.0)	6 (0.5)
Idaho <sup>5</sup> .....	222 (1.0)	224 (1.4)	235 (0.7)	242 (0.7)	241 (0.7)	241 (0.8)	240 (0.6)	17 (0.8)	83 (0.8)	39 (1.1)	5 (0.5)
Illinois <sup>5</sup> .....	— (†)	223 (1.9)	233 (1.1)	233 (1.0)	237 (1.1)	238 (1.0)	239 (1.1)	20 (1.1)	80 (1.1)	38 (1.5)	7 (0.7)
Indiana <sup>5</sup> .....	221 (1.0)	233 (1.1)	238 (0.9)	240 (0.9)	245 (0.8)	243 (0.9)	244 (1.0)	13 (1.1)	87 (1.1)	44 (1.6)	7 (0.9)
Iowa <sup>5</sup> .....	230 (1.0)	231 (1.2)	238 (0.7)	240 (0.7)	243 (0.8)	243 (0.8)	243 (0.8)	14 (0.8)	86 (0.8)	43 (1.5)	6 (0.6)
Kansas <sup>5</sup> .....	— (†)	232 (1.6)	242 (1.0)	246 (1.0)	248 (0.9)	245 (1.0)	246 (0.9)	10 (0.8)	90 (0.8)	48 (1.7)	7 (0.7)
Kentucky .....	215 (1.0)	219 (1.4)	229 (1.1)	232 (0.9)	235 (0.9)	239 (1.1)	241 (0.8)	15 (0.9)	85 (0.9)	39 (1.2)	5 (0.5)
Louisiana .....	204 (1.5)	218 (1.4)	226 (1.0)	230 (0.9)	230 (1.0)	229 (1.0)	231 (1.0)	27 (1.4)	73 (1.4)	26 (1.4)	2 (0.3)
Maine <sup>5</sup> .....	232 (1.0)	230 (1.0)	238 (0.7)	241 (0.8)	242 (0.8)	244 (0.8)	244 (0.7)	13 (0.8)	87 (0.8)	45 (1.3)	7 (0.6)
Maryland .....	217 (1.3)	222 (1.2)	233 (1.3)	238 (1.0)	240 (0.9)	244 (0.9)	247 (0.9)	14 (0.9)	86 (0.9)	48 (1.4)	13 (0.9)
Massachusetts .....	227 (1.2)	233 (1.2)	242 (0.8)	247 (0.8)	252 (0.8)	252 (0.9)	253 (0.8)	7 (0.7)	93 (0.7)	58 (1.2)	13 (0.9)
Michigan <sup>5</sup> .....	220 (1.7)	229 (1.6)	236 (0.9)	238 (1.2)	238 (1.3)	236 (1.0)	236 (1.1)	22 (1.2)	78 (1.2)	35 (1.5)	5 (0.8)
Minnesota <sup>5</sup> .....	228 (0.9)	234 (1.3)	242 (0.9)	246 (1.0)	247 (1.0)	249 (1.1)	249 (0.9)	12 (0.8)	88 (0.8)	53 (1.3)	12 (0.9)
Mississippi .....	202 (1.1)	211 (1.1)	223 (1.0)	227 (0.9)	228 (1.0)	227 (1.0)	230 (0.9)	28 (1.2)	72 (1.2)	25 (1.3)	2 (0.4)
Missouri .....	222 (1.2)	228 (1.2)	235 (0.9)	235 (0.9)	239 (0.9)	241 (1.2)	240 (0.9)	17 (1.0)	83 (1.0)	41 (1.3)	6 (0.6)
Montana <sup>5</sup> .....	— (†)	228 (1.7)	236 (0.8)	241 (0.8)	244 (0.8)	244 (0.7)	244 (0.6)	13 (0.7)	87 (0.7)	45 (1.2)	5 (0.5)
Nebraska .....	225 (1.2)	225 (1.8)	236 (0.8)	238 (0.9)	238 (1.1)	239 (1.0)	240 (1.0)	17 (1.2)	83 (1.2)	39 (1.6)	5 (0.6)
Nevada .....	— (†)	220 (1.0)	228 (0.8)	230 (0.8)	232 (0.9)	235 (0.9)	237 (0.8)	21 (1.0)	79 (1.0)	36 (1.3)	5 (0.5)
New Hampshire .....	230 (1.2)	— (†)	243 (0.9)	246 (0.9)	249 (0.8)	251 (0.8)	252 (0.6)	8 (0.7)	92 (0.7)	57 (1.1)	11 (0.7)
New Jersey .....	227 (1.5)	— (†)	239 (1.1)	244 (1.1)	249 (1.1)	247 (1.0)	248 (0.9)	11 (1.0)	89 (1.0)	51 (1.5)	10 (0.7)
New Mexico .....	213 (1.4)	213 (1.5)	223 (1.1)	224 (0.8)	228 (0.9)	230 (1.0)	233 (0.8)	25 (1.0)	75 (1.0)	30 (1.1)	4 (0.5)
New York <sup>5</sup> .....	218 (1.2)	225 (1.4)	236 (0.9)	238 (0.9)	243 (0.8)	241 (0.7)	238 (0.8)	20 (1.0)	80 (1.0)	36 (1.0)	5 (0.5)
North Carolina .....	213 (1.1)	230 (1.1)	242 (0.8)	241 (0.9)	242 (0.8)	244 (0.8)	245 (0.7)	12 (0.8)	88 (0.8)	44 (1.4)	7 (0.5)
North Dakota .....	229 (0.8)	230 (1.2)	238 (0.7)	243 (0.5)	245 (0.5)	245 (0.6)	245 (0.4)	10 (0.7)	90 (0.7)	46 (1.2)	5 (0.6)
Ohio <sup>5</sup> .....	219 (1.2)	230 (1.5)	238 (1.0)	242 (1.0)	245 (1.0)	244 (1.1)	244 (0.8)	14 (1.0)	86 (1.0)	45 (1.5)	7 (0.6)
Oklahoma .....	220 (1.0)	224 (1.0)	229 (1.0)	234 (1.0)	237 (0.8)	237 (0.9)	237 (0.8)	17 (1.3)	83 (1.3)	33 (1.3)	3 (0.5)
Oregon <sup>5</sup> .....	— (†)	224 (1.8)	236 (0.9)	238 (0.8)	236 (1.0)	238 (0.9)	237 (0.9)	23 (1.2)	77 (1.2)	37 (1.3)	6 (0.8)
Pennsylvania .....	224 (1.3)	— (†)	236 (1.1)	241 (1.2)	244 (0.8)	244 (1.1)	246 (1.1)	13 (1.2)	87 (1.2)	48 (1.7)	9 (0.8)
Rhode Island .....	215 (1.5)	224 (1.1)	230 (1.0)	233 (0.9)	236 (0.9)	239 (0.8)	242 (0.7)	16 (0.8)	84 (0.8)	43 (1.2)	7 (0.7)
South Carolina .....	212 (1.1)	220 (1.4)	236 (0.9)	238 (0.9)	237 (0.8)	236 (0.9)	237 (1.0)	21 (1.2)	79 (1.2)	36 (1.7)	5 (0.6)
South Dakota .....	— (†)	— (†)	237 (0.7)	242 (0.5)	241 (0.7)	242 (0.5)	241 (0.6)	14 (0.8)	86 (0.8)	40 (1.2)	4 (0.5)
Tennessee .....	211 (1.4)	220 (1.4)	228 (1.0)	232 (1.2)	233 (0.9)	232 (1.1)	233 (0.9)	25 (1.0)	75 (1.0)	30 (1.3)	4 (0.6)
Texas .....	218 (1.2)	231 (1.1)	237 (0.9)	242 (0.6)	242 (0.7)	240 (0.7)	241 (1.1)	15 (1.1)	85 (1.1)	39 (1.9)	5 (0.8)
Utah .....	224 (1.0)	227 (1.3)	235 (0.8)	239 (0.8)	239 (0.9)	240 (1.0)	243 (0.8)	15 (0.8)	85 (0.8)	43 (1.4)	7 (0.8)
Vermont <sup>5</sup> .....	— (†)	232 (1.6)	242 (0.8)	244 (0.5)	246 (0.5)	248 (0.4)	247 (0.5)	11 (0.7)	89 (0.7)	49 (1.0)	8 (0.6)
Virginia .....	221 (1.3)	230 (1.0)	239 (1.1)	241 (0.9)	244 (0.9)	243 (1.0)	245 (0.8)	13 (0.8)	87 (0.8)	46 (1.4)	9 (0.8)
Washington .....	— (†)	— (†)	238 (1.0)	242 (0.9)	243 (1.0)	242 (0.8)	243 (0.9)	17 (1.0)	83 (1.0)	45 (1.5)	9 (0.8)
West Virginia .....	215 (1.1)	223 (1.3)	231 (0.8)	231 (0.7)	236 (0.9)	233 (0.8)	235 (0.7)	22 (1.0)	78 (1.0)	31 (1.0)	3 (0.4)
Wisconsin <sup>5</sup> .....	229 (1.1)	— (†)	237 (0.9)	241 (0.9)	244 (0.9)	244 (0.9)	245 (0.8)	14 (0.8)	86 (0.8)	47 (1.5)	8 (0.8)
Wyoming .....	225 (0.9)	229 (1.1)	241 (0.6)	243 (0.6)	244 (0.5)	242 (0.6)	244 (0.4)	12 (0.7)	88 (0.7)	44 (1.3)	5 (0.4)
Department of Defense dependents schools <sup>6</sup> ..	— (†)	227 (0.6)	237 (0.4)	239 (0.5)	240 (0.4)	240 (0.5)	241 (0.4)	14 (0.8)	86 (0.8)	39 (1.2)	4 (0.4)

—Not available.

†Not applicable.

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at the 4th-grade level.

<sup>3</sup>Proficient represents solid academic performance for 4th-graders. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>4</sup>Advanced signifies superior performance.

<sup>5</sup>Did not meet one or more of the guidelines for school participation in 2000. Data are subject to appreciable nonresponse bias.

<sup>6</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas

schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: With the exception of 1992, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1992, 2000, 2003, 2005, 2007, 2009, and 2011 Mathematics Assessments, retrieved November 1, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata>). (This table was prepared November 2011.)

**Table 165. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 8th-grade public school students and percentage attaining mathematics achievement levels, by state: Selected years, 1990 through 2011**  
[Standard errors appear in parentheses]

State	Average scale score <sup>1</sup>								Percent attaining mathematics achievement levels, 2011			
	1990 <sup>2</sup>	1996 <sup>3</sup>	2000	2003	2005	2007	2009	2011	Below Basic	At or above Basic <sup>4</sup>	At or above Proficient <sup>5</sup>	At Advanced <sup>6</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>262 (1.4)</b>	<b>271 (1.2)</b>	<b>272 (0.9)</b>	<b>276 (0.3)</b>	<b>278 (0.2)</b>	<b>280 (0.3)</b>	<b>282 (0.3)</b>	<b>283 (0.2)</b>	<b>28 (0.3)</b>	<b>72 (0.3)</b>	<b>34 (0.2)</b>	<b>8 (0.2)</b>
Alabama .....	253 (1.1)	257 (2.1)	264 (1.8)	262 (1.5)	262 (1.5)	266 (1.5)	269 (1.2)	269 (1.4)	40 (1.9)	60 (1.9)	20 (1.5)	3 (0.5)
Alaska .....	— (†)	278 (1.8)	— (†)	279 (0.9)	279 (0.8)	283 (1.1)	283 (1.0)	283 (0.8)	26 (0.8)	74 (0.8)	35 (1.1)	7 (0.8)
Arizona <sup>7</sup> .....	260 (1.3)	268 (1.6)	269 (1.8)	271 (1.2)	274 (1.1)	276 (1.2)	277 (1.4)	279 (1.2)	32 (1.2)	68 (1.2)	31 (1.5)	7 (0.7)
Arkansas .....	256 (0.9)	262 (1.5)	257 (1.5)	266 (1.2)	272 (1.2)	274 (1.1)	276 (1.1)	279 (1.0)	30 (1.4)	70 (1.4)	29 (1.2)	5 (0.7)
California <sup>7</sup> .....	256 (1.3)	263 (1.9)	260 (2.1)	267 (1.2)	269 (0.7)	270 (0.8)	270 (1.3)	273 (1.2)	39 (1.4)	61 (1.4)	25 (1.2)	6 (0.8)
Colorado .....	267 (0.9)	276 (1.1)	— (†)	283 (1.1)	281 (1.2)	286 (0.9)	287 (1.4)	292 (1.1)	20 (1.1)	80 (1.1)	43 (1.3)	12 (0.9)
Connecticut .....	270 (1.0)	280 (1.1)	281 (1.3)	284 (1.2)	281 (1.4)	282 (1.5)	289 (1.0)	287 (1.1)	25 (1.3)	75 (1.3)	38 (1.5)	10 (1.0)
Delaware .....	261 (0.9)	267 (0.9)	— (†)	277 (0.7)	281 (0.6)	283 (0.6)	284 (0.5)	283 (0.7)	26 (0.8)	74 (0.8)	32 (1.1)	7 (0.8)
District of Columbia .....	231 (0.9)	233 (1.3)	235 (1.1)	243 (0.8)	245 (0.9)	248 (0.9)	254 (0.9)	260 (0.7)	52 (1.0)	48 (1.0)	17 (0.8)	3 (0.4)
Florida .....	255 (1.2)	264 (1.8)	— (†)	271 (1.5)	274 (1.1)	277 (1.3)	279 (1.1)	278 (0.8)	32 (0.9)	68 (0.9)	28 (1.0)	6 (0.5)
Georgia .....	259 (1.3)	262 (1.6)	265 (1.2)	270 (1.2)	272 (1.1)	275 (1.0)	278 (0.9)	278 (1.0)	32 (1.1)	68 (1.1)	28 (1.5)	6 (0.7)
Hawaii .....	251 (0.8)	262 (1.0)	262 (1.4)	266 (0.8)	266 (0.7)	269 (0.8)	274 (0.7)	278 (0.7)	32 (0.9)	68 (0.9)	30 (0.9)	6 (0.4)
Idaho <sup>7</sup> .....	271 (0.8)	— (†)	277 (1.0)	280 (0.9)	281 (0.9)	284 (0.9)	287 (0.8)	287 (0.8)	23 (1.0)	77 (1.0)	37 (1.1)	9 (0.8)
Illinois <sup>7</sup> .....	261 (1.7)	— (†)	275 (1.7)	277 (1.2)	278 (1.1)	280 (1.1)	282 (1.2)	283 (1.1)	27 (1.2)	73 (1.2)	33 (1.3)	8 (0.7)
Indiana <sup>7</sup> .....	267 (1.2)	276 (1.4)	281 (1.4)	281 (1.1)	282 (1.0)	285 (1.1)	287 (0.9)	285 (1.0)	23 (1.2)	77 (1.2)	34 (1.2)	7 (0.8)
Iowa .....	278 (1.1)	284 (1.3)	— (†)	284 (0.8)	284 (0.9)	285 (0.9)	284 (1.0)	285 (0.9)	23 (1.2)	77 (1.2)	34 (1.3)	8 (0.7)
Kansas <sup>7</sup> .....	— (†)	— (†)	283 (1.7)	284 (1.3)	284 (1.0)	290 (1.1)	289 (1.0)	290 (0.9)	20 (0.9)	80 (0.9)	41 (1.4)	8 (0.8)
Kentucky .....	257 (1.2)	267 (1.1)	270 (1.3)	274 (1.2)	274 (1.2)	279 (1.1)	279 (1.1)	282 (0.9)	28 (1.2)	72 (1.2)	31 (1.2)	6 (0.6)
Louisiana .....	246 (1.2)	252 (1.6)	259 (1.5)	266 (1.5)	268 (1.4)	272 (1.1)	272 (1.6)	273 (1.2)	37 (1.4)	63 (1.4)	22 (1.2)	3 (0.4)
Maine <sup>7</sup> .....	— (†)	284 (1.3)	281 (1.1)	282 (0.9)	281 (0.8)	286 (0.7)	286 (0.7)	289 (0.8)	22 (0.8)	78 (0.8)	39 (1.1)	10 (0.7)
Maryland .....	261 (1.4)	270 (2.1)	272 (1.7)	278 (1.0)	278 (1.1)	286 (1.2)	288 (1.1)	288 (1.2)	26 (1.3)	74 (1.3)	40 (1.4)	12 (0.8)
Massachusetts .....	— (†)	278 (1.7)	279 (1.5)	287 (0.9)	292 (0.9)	298 (1.3)	299 (1.3)	299 (0.8)	14 (0.8)	86 (0.8)	51 (1.0)	15 (0.9)
Michigan <sup>7</sup> .....	264 (1.2)	277 (1.8)	277 (1.9)	276 (2.0)	277 (1.5)	277 (1.4)	278 (1.6)	280 (1.4)	29 (1.6)	71 (1.6)	31 (1.7)	6 (0.8)
Minnesota .....	275 (0.9)	284 (1.3)	287 (1.4)	291 (1.1)	290 (1.2)	292 (1.0)	294 (1.0)	295 (1.0)	17 (1.0)	83 (1.0)	48 (1.1)	13 (0.8)
Mississippi .....	— (†)	250 (1.2)	254 (1.1)	261 (1.1)	263 (1.2)	265 (0.8)	265 (1.2)	269 (1.4)	42 (2.0)	58 (2.0)	19 (1.2)	3 (0.6)
Missouri .....	— (†)	273 (1.4)	271 (1.5)	279 (1.1)	276 (1.3)	281 (1.0)	286 (1.0)	282 (1.1)	27 (1.4)	73 (1.4)	32 (1.3)	7 (0.7)
Montana <sup>7</sup> .....	280 (0.9)	283 (1.3)	285 (1.4)	286 (0.8)	286 (0.7)	287 (0.7)	292 (0.9)	293 (0.6)	17 (0.9)	83 (0.9)	46 (0.9)	11 (0.7)
Nebraska .....	276 (1.0)	283 (1.0)	280 (1.2)	282 (0.9)	284 (1.0)	284 (1.0)	284 (1.1)	283 (0.8)	26 (1.3)	74 (1.3)	33 (1.2)	7 (0.7)
Nevada .....	— (†)	— (†)	265 (0.8)	268 (0.8)	270 (0.8)	271 (0.8)	274 (0.7)	278 (0.8)	33 (1.2)	67 (1.2)	29 (1.3)	6 (0.7)
New Hampshire .....	273 (0.9)	— (†)	— (†)	286 (0.8)	285 (0.8)	288 (0.7)	292 (0.9)	292 (0.7)	18 (1.0)	82 (1.0)	44 (0.9)	11 (0.6)
New Jersey .....	270 (1.1)	— (†)	— (†)	281 (1.1)	284 (1.4)	289 (1.2)	293 (1.4)	294 (1.2)	18 (1.0)	82 (1.0)	47 (1.5)	14 (1.0)
New Mexico .....	256 (0.7)	262 (1.2)	259 (1.3)	263 (1.0)	263 (0.9)	268 (0.9)	270 (1.1)	274 (0.8)	36 (1.2)	64 (1.2)	24 (0.9)	4 (0.4)
New York <sup>7</sup> .....	261 (1.4)	270 (1.7)	271 (2.2)	280 (1.1)	280 (0.9)	280 (1.2)	283 (1.2)	280 (0.9)	30 (1.1)	70 (1.1)	30 (1.3)	7 (0.6)
North Carolina .....	250 (1.1)	268 (1.4)	276 (1.3)	281 (1.0)	282 (0.9)	284 (1.1)	284 (1.3)	286 (1.0)	25 (1.3)	75 (1.3)	37 (1.3)	10 (0.8)
North Dakota .....	281 (1.2)	284 (0.9)	282 (1.1)	287 (0.8)	287 (0.6)	292 (0.7)	293 (0.7)	292 (0.6)	15 (0.9)	85 (0.9)	43 (1.4)	8 (0.8)
Ohio .....	264 (1.0)	— (†)	281 (1.6)	282 (1.3)	283 (1.1)	285 (1.2)	286 (1.0)	289 (1.0)	21 (1.2)	79 (1.2)	39 (1.4)	8 (0.9)
Oklahoma .....	263 (1.3)	— (†)	270 (1.3)	272 (1.1)	271 (1.0)	275 (0.9)	276 (1.0)	279 (1.0)	28 (1.3)	72 (1.3)	27 (1.2)	4 (0.6)
Oregon <sup>7</sup> .....	271 (1.0)	276 (1.5)	280 (1.5)	281 (1.3)	282 (1.0)	284 (1.1)	285 (1.0)	283 (1.0)	28 (1.2)	72 (1.2)	33 (1.2)	7 (0.8)
Pennsylvania .....	266 (1.6)	— (†)	— (†)	279 (1.1)	281 (1.5)	286 (1.1)	288 (1.3)	286 (1.2)	26 (1.4)	74 (1.4)	39 (1.1)	9 (0.8)
Rhode Island .....	260 (0.6)	269 (0.9)	269 (1.3)	272 (0.7)	272 (0.8)	275 (0.7)	278 (0.8)	283 (0.5)	27 (0.9)	73 (0.9)	34 (0.9)	7 (0.6)
South Carolina .....	— (†)	261 (1.5)	265 (1.5)	277 (1.3)	281 (0.9)	282 (1.0)	280 (1.3)	281 (1.1)	30 (1.3)	70 (1.3)	32 (1.2)	7 (0.7)
South Dakota .....	— (†)	— (†)	— (†)	285 (0.8)	287 (0.6)	288 (0.8)	291 (0.5)	291 (0.5)	18 (0.7)	82 (0.7)	42 (1.0)	8 (0.6)
Tennessee .....	— (†)	263 (1.4)	262 (1.5)	268 (1.8)	271 (1.1)	274 (1.1)	275 (1.4)	274 (1.2)	36 (1.5)	64 (1.5)	24 (1.3)	5 (0.7)
Texas .....	258 (1.4)	270 (1.4)	273 (1.6)	277 (1.1)	281 (0.6)	286 (1.0)	287 (1.3)	290 (0.9)	19 (1.1)	81 (1.1)	40 (1.5)	9 (0.8)
Utah .....	— (†)	277 (1.0)	274 (1.2)	281 (1.0)	279 (0.7)	281 (0.9)	284 (0.9)	283 (0.8)	27 (1.0)	73 (1.0)	35 (1.0)	7 (0.7)
Vermont <sup>7</sup> .....	— (†)	279 (1.0)	281 (1.5)	286 (0.8)	287 (0.8)	291 (0.7)	293 (0.6)	294 (0.7)	18 (1.1)	82 (1.1)	46 (1.1)	13 (0.8)
Virginia .....	264 (1.5)	270 (1.6)	275 (1.3)	282 (1.3)	284 (1.1)	288 (1.1)	286 (1.1)	289 (1.1)	22 (1.3)	78 (1.3)	40 (1.5)	11 (1.0)
Washington .....	— (†)	276 (1.3)	— (†)	281 (0.9)	285 (1.0)	285 (1.0)	289 (1.0)	288 (1.0)	23 (0.9)	77 (0.9)	40 (1.3)	11 (0.8)
West Virginia .....	256 (1.0)	265 (1.0)	266 (1.2)	271 (1.2)	269 (1.0)	270 (1.0)	273 (0.7)	273 (0.7)	35 (1.1)	65 (1.1)	21 (0.8)	3 (0.4)
Wisconsin .....	274 (1.3)	283 (1.5)	— (†)	284 (1.3)	285 (1.2)	286 (1.1)	288 (0.9)	289 (1.0)	21 (0.9)	79 (0.9)	41 (1.3)	9 (0.8)
Wyoming .....	272 (0.7)	275 (0.9)	276 (1.0)	284 (0.7)	282 (0.8)	287 (0.7)	286 (0.6)	288 (0.6)	20 (1.0)	80 (1.0)	37 (1.2)	7 (0.7)
Department of Defense dependents schools <sup>8</sup> ...	— (†)	274 (0.9)	277 (1.1)	285 (0.7)	284 (0.7)	285 (0.8)	287 (0.9)	288 (0.8)	20 (1.0)	80 (1.0)	37 (1.4)	7 (0.8)

—Not available.

†Not applicable.

<sup>1</sup>Scale ranges from 0 to 500.<sup>2</sup>Accommodations were not permitted for this assessment.<sup>3</sup>The 1996 data in this table do not include students who were tested with accommodations. Data for students tested with accommodations are not available at the state level for 1996.<sup>4</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at the 8th-grade level.<sup>5</sup>Proficient represents solid academic performance for 8th-graders. Students reaching this level have demonstrated competency over challenging subject matter.<sup>6</sup>Advanced signifies superior performance.<sup>7</sup>Did not meet one or more of the guidelines for school participation in 2000. Data are subject to appreciable nonresponse bias.<sup>8</sup>Prior to 2005, NAEP divided the Department of Defense (DoD) schools into two jurisdictions, domestic and overseas. In 2005, NAEP began combining the DoD domestic and overseas schools into a single jurisdiction. Data shown in this table for years prior to 2005 were recalculated for comparability.

NOTE: For 2000 and later years, includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 1990, 1996, 2000, 2003, 2005, 2007, 2009, and 2011 Mathematics Assessments, retrieved November 2, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata>). (This table was prepared November 2011.)

**Table 166. Average National Assessment of Educational Progress (NAEP) mathematics scale score of 8th-grade public school students, by race/ethnicity, level of parental education, and state: 2011**  
[Standard errors appear in parentheses]

State	Race/ethnicity						Highest level of education attained by parents <sup>1</sup>					
	White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native	Did not finish high school	Graduated high school	Some education after high school	Graduated college		
1	2	3	4	5	6	7	8	9	10	11		
<b>United States .....</b>	<b>293 (0.2)</b>	<b>262 (0.5)</b>	<b>269 (0.5)</b>	<b>305 (1.1)</b>	<b>265 (2.5)</b>	<b>266 (1.0)</b>	<b>265 (0.6)</b>	<b>271 (0.5)</b>	<b>285 (0.3)</b>	<b>294 (0.3)</b>		
Alabama .....	280 (1.5)	250 (1.7)	255 (3.1)	‡ (†)	‡ (†)	‡ (†)	257 (2.7)	258 (2.0)	275 (1.6)	278 (1.8)		
Alaska .....	296 (1.2)	273 (2.8)	277 (2.9)	287 (2.6)	‡ (†)	258 (2.2)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Arizona .....	294 (1.5)	269 (3.2)	266 (1.3)	303 (4.2)	‡ (†)	253 (3.1)	267 (2.4)	264 (1.8)	281 (2.0)	296 (1.4)		
Arkansas .....	287 (0.9)	257 (1.7)	272 (2.2)	‡ (†)	‡ (†)	‡ (†)	269 (2.1)	268 (1.5)	283 (2.0)	288 (1.5)		
California .....	290 (1.9)	254 (3.2)	260 (1.0)	301 (2.7)	‡ (†)	‡ (†)	254 (1.9)	261 (2.4)	281 (1.6)	290 (1.8)		
Colorado .....	302 (1.1)	270 (2.6)	271 (1.5)	313 (4.1)	‡ (†)	‡ (†)	264 (2.7)	272 (1.9)	293 (1.7)	304 (1.3)		
Connecticut .....	297 (1.0)	262 (1.8)	262 (1.8)	307 (3.9)	‡ (†)	‡ (†)	259 (3.0)	268 (2.2)	284 (1.7)	298 (1.3)		
Delaware .....	294 (1.0)	266 (1.0)	274 (2.0)	311 (3.5)	‡ (†)	‡ (†)	269 (2.9)	274 (1.7)	286 (1.3)	290 (1.1)		
District of Columbia .....	319 (2.6)	256 (0.8)	261 (2.4)	‡ (†)	‡ (†)	‡ (†)	255 (3.3)	251 (2.0)	266 (1.7)	269 (1.4)		
Florida .....	287 (1.2)	258 (1.7)	274 (1.0)	314 (4.3)	‡ (†)	‡ (†)	265 (1.9)	268 (1.6)	282 (1.7)	286 (1.3)		
Georgia .....	291 (1.3)	262 (1.1)	277 (2.3)	303 (5.0)	‡ (†)	‡ (†)	268 (2.5)	264 (2.0)	282 (1.7)	288 (1.4)		
Hawaii .....	290 (1.6)	277 (4.3)	263 (3.3)	288 (1.2)	263 (1.4)	‡ (†)	261 (3.8)	267 (1.5)	282 (1.9)	286 (1.1)		
Idaho .....	291 (0.8)	‡ (†)	267 (1.9)	‡ (†)	‡ (†)	‡ (†)	267 (2.1)	274 (1.7)	288 (1.7)	297 (1.0)		
Illinois .....	294 (1.4)	260 (1.5)	272 (1.5)	315 (3.5)	‡ (†)	‡ (†)	271 (2.2)	268 (1.6)	285 (1.6)	294 (1.5)		
Indiana .....	290 (1.0)	264 (2.3)	275 (2.4)	‡ (†)	‡ (†)	‡ (†)	270 (2.5)	274 (1.5)	285 (1.9)	295 (1.3)		
Iowa .....	288 (1.0)	258 (3.3)	269 (2.9)	293 (6.0)	‡ (†)	‡ (†)	268 (2.5)	274 (1.8)	283 (1.7)	295 (1.1)		
Kansas .....	295 (1.0)	269 (2.1)	274 (1.9)	302 (5.5)	‡ (†)	‡ (†)	272 (2.8)	278 (1.9)	290 (1.6)	298 (1.2)		
Kentucky .....	284 (1.0)	261 (1.8)	269 (3.5)	‡ (†)	‡ (†)	‡ (†)	267 (1.9)	272 (1.7)	281 (1.4)	293 (1.2)		
Louisiana .....	283 (1.2)	259 (1.6)	269 (4.4)	‡ (†)	‡ (†)	‡ (†)	262 (2.4)	267 (1.8)	278 (1.8)	278 (1.3)		
Maine .....	290 (0.8)	265 (5.1)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	269 (3.1)	274 (1.9)	289 (1.8)	298 (1.0)		
Maryland .....	303 (1.3)	267 (1.5)	273 (3.1)	313 (3.4)	‡ (†)	‡ (†)	264 (4.0)	271 (2.1)	288 (1.8)	298 (1.3)		
Massachusetts .....	304 (0.8)	275 (3.0)	273 (1.7)	321 (3.9)	‡ (†)	‡ (†)	271 (2.7)	285 (1.7)	295 (1.8)	307 (0.9)		
Michigan .....	286 (1.2)	250 (2.4)	274 (4.3)	311 (7.0)	‡ (†)	‡ (†)	260 (3.9)	266 (1.9)	278 (2.2)	291 (1.7)		
Minnesota .....	302 (0.9)	266 (2.8)	270 (2.6)	282 (4.2)	‡ (†)	263 (3.7)	267 (3.9)	275 (2.3)	294 (1.8)	305 (1.0)		
Mississippi .....	283 (1.2)	255 (1.6)	273 (4.7)	‡ (†)	‡ (†)	‡ (†)	260 (2.7)	257 (2.1)	276 (1.7)	276 (1.6)		
Missouri .....	288 (1.0)	254 (2.7)	267 (2.9)	‡ (†)	‡ (†)	‡ (†)	265 (2.6)	270 (1.8)	283 (1.6)	291 (1.4)		
Montana .....	297 (0.6)	‡ (†)	285 (4.1)	‡ (†)	‡ (†)	264 (3.2)	272 (4.1)	281 (1.8)	291 (1.8)	302 (0.7)		
Nebraska .....	290 (0.8)	255 (3.1)	261 (1.7)	‡ (†)	‡ (†)	‡ (†)	262 (2.6)	271 (2.2)	280 (1.6)	294 (1.0)		
Nevada .....	292 (1.3)	259 (2.2)	266 (1.1)	292 (3.1)	‡ (†)	‡ (†)	262 (2.1)	269 (1.6)	285 (1.8)	290 (1.3)		
New Hampshire .....	293 (0.7)	‡ (†)	266 (3.4)	305 (5.5)	‡ (†)	‡ (†)	269 (3.2)	281 (1.7)	290 (2.0)	300 (0.9)		
New Jersey .....	304 (1.1)	272 (2.5)	274 (2.3)	318 (2.8)	‡ (†)	‡ (†)	273 (3.4)	280 (2.3)	287 (2.3)	304 (1.2)		
New Mexico .....	290 (1.4)	265 (4.3)	269 (0.9)	‡ (†)	‡ (†)	258 (2.7)	259 (2.0)	267 (1.7)	279 (1.6)	287 (1.0)		
New York .....	291 (1.2)	264 (1.8)	263 (1.3)	302 (2.9)	‡ (†)	‡ (†)	266 (2.0)	270 (1.6)	282 (1.6)	289 (1.1)		
North Carolina .....	296 (1.0)	267 (1.6)	275 (1.9)	316 (4.4)	‡ (†)	265 (4.8)	273 (2.7)	272 (1.6)	289 (1.4)	295 (1.3)		
North Dakota .....	296 (0.6)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	264 (2.5)	‡ (†)	276 (1.8)	291 (1.8)	298 (0.7)		
Ohio .....	295 (1.0)	263 (1.7)	273 (4.0)	‡ (†)	‡ (†)	‡ (†)	266 (2.8)	277 (1.4)	290 (1.5)	297 (1.3)		
Oklahoma .....	286 (1.1)	262 (2.6)	264 (2.8)	305 (4.7)	‡ (†)	273 (1.9)	264 (2.4)	267 (1.9)	280 (1.3)	292 (1.3)		
Oregon .....	287 (1.2)	263 (4.6)	268 (1.8)	302 (5.0)	‡ (†)	260 (5.6)	266 (2.0)	273 (2.0)	286 (1.9)	295 (1.2)		
Pennsylvania .....	294 (1.0)	257 (2.1)	269 (3.4)	312 (4.8)	‡ (†)	‡ (†)	261 (4.7)	274 (1.3)	289 (1.9)	296 (1.5)		
Rhode Island .....	292 (0.7)	256 (2.7)	261 (1.8)	287 (4.9)	‡ (†)	‡ (†)	263 (2.6)	269 (2.0)	281 (1.8)	296 (0.9)		
South Carolina .....	293 (0.9)	263 (1.8)	273 (3.5)	‡ (†)	‡ (†)	‡ (†)	262 (2.3)	269 (1.6)	283 (1.7)	290 (1.4)		
South Dakota .....	295 (0.6)	270 (4.2)	274 (3.7)	‡ (†)	‡ (†)	263 (2.1)	269 (2.5)	275 (1.3)	291 (1.6)	298 (0.7)		
Tennessee .....	281 (1.2)	252 (2.4)	266 (2.8)	‡ (†)	‡ (†)	‡ (†)	262 (3.4)	265 (1.5)	277 (1.6)	284 (1.6)		
Texas .....	304 (1.2)	277 (1.7)	283 (1.2)	317 (3.8)	‡ (†)	‡ (†)	281 (1.9)	285 (1.4)	293 (1.6)	301 (1.3)		
Utah .....	289 (0.9)	‡ (†)	257 (1.9)	‡ (†)	‡ (†)	244 (6.5)	253 (2.6)	265 (1.9)	280 (1.8)	295 (1.0)		
Vermont .....	295 (0.8)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	270 (3.3)	276 (2.0)	295 (1.7)	305 (0.9)		
Virginia .....	297 (1.4)	268 (1.7)	279 (1.8)	313 (3.1)	‡ (†)	‡ (†)	267 (2.6)	272 (2.0)	287 (1.7)	300 (1.3)		
Washington .....	294 (1.1)	265 (3.4)	269 (2.4)	306 (3.3)	‡ (†)	256 (6.5)	267 (2.6)	276 (2.0)	288 (1.8)	301 (1.3)		
West Virginia .....	274 (0.8)	260 (3.1)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	253 (3.0)	264 (1.2)	277 (1.4)	283 (1.1)		
Wisconsin .....	295 (1.0)	256 (3.0)	270 (2.3)	289 (5.0)	‡ (†)	‡ (†)	258 (3.2)	274 (1.8)	288 (1.9)	299 (1.0)		
Wyoming .....	291 (0.7)	‡ (†)	271 (2.5)	‡ (†)	‡ (†)	‡ (†)	268 (4.0)	276 (1.8)	288 (1.4)	297 (0.9)		
Department of Defense dependents schools.....	295 (1.2)	274 (1.9)	282 (1.7)	292 (2.4)	‡ (†)	‡ (†)	‡ (†)	276 (1.8)	287 (1.8)	293 (1.1)		

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or item response rates fell below the required standards for reporting.

<sup>1</sup>Excludes students who responded "I don't know" to the question about educational level of parents.

NOTE: Scale ranges from 0 to 500. Includes public school students who were tested with accommodations; excludes only those students with disabilities (SD) and English language

learners (ELL) who were unable to be tested even with accommodations. SD and ELL populations, accommodation rates, and exclusion rates vary from state to state. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Mathematics Assessment, retrieved November 2, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared November 2011.)



**Table 167. Average National Assessment of Educational Progress (NAEP) mathematics scale scores of 4th- and 8th-grade public school students and percentage attaining achievement levels, by race/ethnicity and jurisdiction or specific urban district: 2007, 2009, and 2011**  
[Standard errors appear in parentheses]

Grade level and jurisdiction or specific urban district	Average reading scale score <sup>1</sup>										Percent of students	
	2007	2009				2011					2011	
	All students	All students	White	Black	Hispanic	All students	White	Black	Hispanic	Asian	At or above Basic <sup>2</sup>	At or above Proficient <sup>3</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>4th grade</b>												
United States .....	239 (0.2)	239 (0.2)	248 (0.2)	222 (0.3)	227 (0.4)	240 (0.2)	249 (0.2)	224 (0.4)	229 (0.3)	257 (1.1)	82 (0.2)	40 (0.3)
Large city .....	230 (0.5)	231 (0.5)	250 (1.0)	219 (0.6)	226 (0.5)	233 (0.6)	251 (0.8)	222 (0.5)	228 (0.6)	249 (2.1)	74 (0.7)	30 (0.8)
Albuquerque .....	— (†)	— (†)	— (†)	— (†)	— (†)	235 (1.3)	254 (1.9)	† (†)	229 (1.3)	† (†)	76 (1.4)	34 (1.7)
Atlanta .....	224 (0.9)	225 (0.8)	266 (1.8)	218 (1.0)	222 (3.7)	228 (0.7)	269 (1.4)	219 (0.8)	230 (2.8)	† (†)	66 (1.2)	25 (0.9)
Austin .....	241 (1.2)	240 (1.0)	262 (1.5)	226 (2.7)	233 (1.1)	245 (1.1)	266 (1.5)	232 (2.7)	237 (1.5)	† (†)	87 (1.8)	46 (1.8)
Baltimore City .....	— (†)	222 (1.0)	240 (3.5)	220 (1.0)	† (†)	226 (1.1)	244 (2.6)	223 (1.2)	† (†)	† (†)	68 (1.7)	17 (1.6)
Boston .....	233 (1.1)	236 (0.7)	251 (2.2)	231 (1.2)	232 (1.1)	237 (0.6)	255 (1.8)	230 (1.1)	234 (1.2)	259 (2.5)	81 (1.1)	33 (1.8)
Charlotte .....	244 (1.1)	245 (1.3)	263 (1.3)	231 (1.4)	235 (1.8)	247 (1.1)	264 (1.4)	232 (1.4)	240 (1.6)	259 (3.7)	88 (1.1)	48 (2.0)
Chicago .....	220 (1.0)	222 (1.2)	242 (3.2)	212 (1.8)	226 (1.3)	224 (0.9)	246 (2.5)	217 (1.9)	223 (1.3)	246 (3.2)	64 (1.7)	20 (1.1)
Cleveland .....	215 (1.6)	213 (1.0)	228 (2.3)	209 (1.3)	217 (2.3)	216 (0.7)	232 (2.0)	211 (0.9)	218 (1.8)	† (†)	53 (1.8)	11 (0.9)
Dallas .....	— (†)	— (†)	— (†)	— (†)	— (†)	233 (1.3)	258 (3.5)	225 (2.0)	234 (1.2)	† (†)	79 (1.7)	25 (2.2)
Detroit .....	— (†)	200 (1.7)	† (†)	199 (1.8)	206 (3.5)	203 (1.4)	† (†)	201 (1.5)	215 (2.4)	† (†)	34 (2.2)	3 (0.9)
District of Columbia .....	214 (0.8)	220 (0.8)	270 (2.3)	212 (0.9)	227 (2.8)	222 (1.0)	272 (1.8)	212 (1.2)	223 (2.6)	† (†)	59 (1.3)	23 (0.9)
Fresno .....	— (†)	219 (1.4)	237 (2.5)	213 (3.1)	216 (1.7)	218 (0.9)	238 (2.2)	214 (2.3)	214 (1.0)	222 (2.0)	56 (1.5)	15 (0.9)
Hillsborough County (FL) .....	— (†)	— (†)	— (†)	— (†)	— (†)	243 (1.1)	253 (1.7)	228 (1.9)	239 (1.2)	† (†)	86 (1.4)	43 (1.9)
Houston .....	234 (1.1)	236 (1.2)	260 (2.5)	227 (1.9)	235 (1.2)	237 (0.8)	259 (2.1)	229 (1.4)	236 (0.9)	265 (3.4)	82 (1.3)	32 (1.3)
Jefferson County (KY) .....	— (†)	233 (1.6)	243 (1.7)	216 (1.7)	226 (3.5)	235 (0.9)	243 (1.2)	221 (1.3)	238 (3.1)	256 (4.3)	78 (1.4)	32 (1.4)
Los Angeles .....	221 (0.9)	222 (1.2)	245 (3.3)	209 (3.0)	218 (1.1)	223 (0.8)	243 (1.6)	215 (3.0)	220 (0.8)	251 (2.6)	63 (1.4)	20 (0.9)
Miami-Dade .....	— (†)	236 (1.3)	253 (2.0)	222 (1.6)	239 (1.1)	236 (1.0)	255 (2.0)	225 (1.5)	237 (1.0)	† (†)	79 (1.1)	33 (1.5)
Milwaukee .....	— (†)	220 (1.5)	242 (3.0)	211 (2.0)	226 (1.5)	220 (1.0)	239 (1.9)	211 (1.4)	221 (1.8)	230 (3.2)	58 (1.8)	14 (1.2)
New York City .....	236 (1.3)	237 (1.0)	254 (1.9)	227 (1.2)	230 (1.2)	234 (1.2)	248 (3.2)	226 (1.1)	227 (1.7)	252 (2.0)	76 (1.2)	32 (1.7)
Philadelphia .....	— (†)	222 (1.4)	239 (2.6)	216 (1.7)	221 (2.1)	225 (1.2)	243 (3.0)	220 (0.9)	223 (2.4)	251 (2.8)	66 (1.5)	20 (1.8)
San Diego .....	234 (1.4)	236 (1.6)	255 (2.3)	222 (2.8)	224 (1.7)	239 (1.3)	258 (2.1)	222 (2.7)	229 (1.4)	248 (2.5)	80 (1.3)	39 (1.8)
<b>8th grade</b>												
United States .....	280 (0.3)	282 (0.3)	292 (0.2)	260 (0.4)	266 (0.6)	283 (0.2)	293 (0.2)	262 (0.5)	269 (0.5)	305 (1.1)	72 (0.3)	34 (0.2)
Large city .....	269 (0.7)	271 (0.7)	294 (1.1)	256 (0.8)	264 (1.2)	274 (0.7)	295 (1.1)	261 (0.9)	267 (1.0)	298 (2.3)	63 (0.7)	26 (0.7)
Albuquerque .....	— (†)	— (†)	— (†)	— (†)	— (†)	275 (1.0)	291 (2.3)	† (†)	269 (1.2)	† (†)	63 (1.3)	26 (1.9)
Atlanta .....	256 (1.5)	259 (1.6)	† (†)	255 (1.5)	† (†)	266 (1.3)	309 (2.8)	262 (1.4)	264 (3.5)	† (†)	54 (1.9)	16 (1.2)
Austin .....	283 (1.1)	287 (0.9)	312 (1.8)	274 (3.4)	274 (1.2)	287 (1.2)	313 (1.8)	265 (5.3)	276 (1.7)	† (†)	74 (1.4)	38 (1.5)
Baltimore City .....	— (†)	257 (1.9)	† (†)	255 (1.6)	† (†)	261 (1.3)	280 (4.0)	259 (1.5)	† (†)	† (†)	48 (2.1)	13 (1.3)
Boston .....	276 (1.0)	279 (1.3)	311 (2.5)	268 (2.0)	269 (1.9)	282 (0.9)	305 (3.1)	272 (1.6)	271 (1.6)	319 (3.6)	69 (1.4)	34 (1.2)
Charlotte .....	283 (1.2)	283 (0.9)	304 (1.4)	270 (1.4)	272 (2.5)	285 (0.8)	311 (1.3)	268 (1.2)	272 (2.6)	304 (6.4)	72 (1.2)	37 (1.2)
Chicago .....	260 (1.9)	264 (1.4)	289 (3.8)	252 (1.9)	268 (1.6)	270 (1.0)	296 (4.3)	260 (1.4)	271 (1.4)	296 (3.3)	60 (1.5)	20 (1.1)
Cleveland .....	257 (1.7)	256 (1.0)	275 (2.7)	252 (1.1)	250 (5.4)	256 (2.1)	277 (3.4)	249 (2.1)	258 (4.4)	† (†)	41 (2.5)	10 (1.4)
Dallas .....	— (†)	— (†)	— (†)	— (†)	— (†)	274 (0.9)	306 (4.5)	264 (2.2)	276 (1.1)	† (†)	64 (1.6)	22 (1.6)
Detroit .....	— (†)	238 (2.7)	† (†)	237 (2.9)	255 (5.8)	246 (1.2)	† (†)	244 (1.4)	258 (2.8)	† (†)	29 (1.5)	4 (0.6)
District of Columbia .....	248 (0.9)	251 (1.3)	† (†)	244 (1.3)	263 (5.2)	255 (0.9)	322 (3.0)	249 (1.2)	253 (2.8)	† (†)	42 (1.3)	15 (1.0)
Fresno .....	— (†)	258 (1.2)	282 (3.8)	246 (3.6)	253 (1.4)	256 (0.9)	281 (2.6)	243 (2.6)	251 (1.2)	265 (2.9)	43 (1.3)	13 (1.0)
Hillsborough County (FL) .....	— (†)	— (†)	— (†)	— (†)	— (†)	282 (1.5)	293 (2.1)	263 (1.9)	274 (2.4)	† (†)	72 (1.8)	32 (1.9)
Houston .....	273 (1.2)	277 (1.2)	311 (2.8)	266 (1.9)	275 (1.0)	279 (1.0)	309 (3.0)	271 (1.9)	278 (1.1)	310 (5.2)	72 (1.2)	27 (1.2)
Jefferson County (KY) .....	— (†)	271 (0.9)	284 (1.1)	252 (1.4)	† (†)	274 (1.0)	285 (1.5)	257 (1.4)	270 (4.5)	† (†)	62 (1.8)	25 (1.5)
Los Angeles .....	257 (1.1)	258 (1.0)	287 (3.4)	247 (3.2)	254 (0.9)	261 (1.3)	291 (4.6)	246 (3.9)	255 (1.3)	297 (3.9)	49 (1.7)	16 (1.2)
Miami-Dade .....	— (†)	273 (1.1)	291 (2.5)	260 (2.7)	274 (1.2)	272 (1.1)	288 (3.1)	256 (2.2)	274 (1.0)	† (†)	61 (1.3)	22 (1.2)
Milwaukee .....	— (†)	251 (1.5)	271 (4.6)	244 (1.6)	256 (3.5)	254 (1.7)	274 (4.2)	246 (1.8)	259 (3.3)	271 (5.6)	41 (2.0)	10 (1.4)
New York City .....	270 (1.8)	273 (1.5)	295 (3.0)	261 (1.9)	261 (2.1)	272 (1.6)	292 (3.2)	262 (2.1)	261 (1.6)	304 (3.2)	59 (1.7)	24 (1.6)
Philadelphia .....	— (†)	265 (2.0)	284 (3.9)	256 (1.7)	258 (3.1)	265 (2.0)	281 (3.9)	260 (2.3)	256 (3.1)	295 (5.4)	52 (2.7)	18 (1.8)
San Diego .....	272 (1.4)	280 (2.0)	301 (2.6)	263 (4.3)	265 (2.0)	278 (1.7)	302 (2.3)	256 (4.0)	263 (2.6)	293 (3.3)	66 (3.0)	31 (1.6)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 500.

<sup>2</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work at a given grade.

<sup>3</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

NOTE: Beginning in 2009, if the results for charter schools are not included in a school district's Adequate Yearly Progress (AYP) report to the U.S. Department of Education under the Elementary and Secondary Education Act, they are excluded from that district's results. This

change had little or no impact on differences between any participating district's 2007 and 2009 average mathematics scores except those of the District of Columbia at grade 8. For details, see the Technical Notes in *The Nation's Report Card: Mathematics 2009 Trial Urban District Assessment* (NCES 2010-452). Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2007, 2009, and 2011 Mathematics Assessments, retrieved April 14 and 26 and June 7, 2010, and December 7, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared December 2011.)

**Table 168. Average National Assessment of Educational Progress (NAEP) science scale score, standard deviation, and percentage of students attaining science achievement levels, by grade level, selected student and school characteristics, and percentile: 2009 and 2011**

[Standard errors appear in parentheses]

Selected characteristic, percentile, and achievement level	Grade 4			Grade 8						Grade 12		
	2009			2009			2011			2009		
	Total, all students	Male	Female	Total, all students	Male	Female	Total, all students	Male	Female	Total, all students	Male	Female
	2	3	4	5	6	7	8	9	10	11	12	13
Average science scale score <sup>1</sup>												
<b>All students</b> .....	<b>150 (0.3)</b>	<b>151 (0.3)</b>	<b>149 (0.3)</b>	<b>150 (0.3)</b>	<b>152 (0.4)</b>	<b>148 (0.3)</b>	<b>152 (0.3)</b>	<b>154 (0.3)</b>	<b>149 (0.3)</b>	<b>150 (0.8)</b>	<b>153 (0.9)</b>	<b>147 (0.9)</b>
Race/ethnicity .....												
White .....	163 (0.2)	164 (0.3)	162 (0.3)	162 (0.2)	164 (0.3)	160 (0.3)	163 (0.2)	166 (0.3)	161 (0.3)	159 (0.7)	162 (0.9)	156 (0.8)
Black .....	127 (0.4)	126 (0.6)	128 (0.5)	126 (0.4)	125 (0.6)	126 (0.5)	129 (0.5)	130 (0.7)	128 (0.6)	125 (1.2)	127 (1.6)	123 (1.5)
Hispanic .....	131 (0.5)	132 (0.7)	130 (0.6)	132 (0.6)	134 (0.8)	130 (0.7)	137 (0.5)	140 (0.8)	134 (0.8)	134 (1.3)	138 (2.3)	130 (1.5)
Asian/Pacific Islander .....	160 (1.2)	159 (1.4)	160 (1.4)	160 (1.0)	162 (1.3)	158 (1.3)	159 (1.3)	161 (1.6)	157 (1.7)	164 (3.0)	161 (2.9)	166 (3.8)
American Indian/Alaska Native .....	135 (1.3)	135 (1.5)	135 (1.8)	137 (1.4)	141 (1.8)	133 (2.0)	141 (1.4)	143 (2.1)	139 (1.5)	144 (3.7)	†	†
Highest education level of either parent .....												
Did not finish high school .....	— (†)	— (†)	— (†)	131 (0.6)	135 (1.0)	128 (0.7)	132 (0.7)	136 (1.2)	130 (1.0)	131 (1.4)	136 (1.9)	128 (1.8)
Graduated high school .....	— (†)	— (†)	— (†)	139 (0.4)	141 (0.6)	137 (0.5)	140 (0.4)	143 (0.7)	138 (0.6)	138 (1.2)	140 (1.5)	136 (1.4)
Some education after high school .....	— (†)	— (†)	— (†)	152 (0.4)	154 (0.5)	150 (0.4)	153 (0.4)	156 (0.7)	151 (0.6)	147 (0.9)	150 (1.3)	144 (1.1)
Graduated college .....	— (†)	— (†)	— (†)	161 (0.4)	162 (0.5)	159 (0.3)	162 (0.3)	164 (0.4)	160 (0.4)	161 (0.7)	163 (0.9)	159 (1.0)
Eligibility for free or reduced-price lunch .....												
Eligible .....	134 (0.3)	134 (0.4)	133 (0.3)	133 (0.4)	135 (0.5)	131 (0.4)	137 (0.3)	139 (0.4)	135 (0.4)	132 (1.0)	135 (1.1)	130 (1.1)
Not eligible .....	163 (0.3)	164 (0.3)	163 (0.3)	161 (0.3)	163 (0.4)	159 (0.4)	164 (0.3)	166 (0.4)	161 (0.4)	157 (0.9)	159 (1.1)	154 (1.0)
Unknown .....	162 (1.3)	163 (1.7)	161 (1.3)	164 (1.2)	167 (1.4)	161 (1.2)	164 (1.6)	168 (2.2)	159 (2.2)	156 (2.7)	156 (3.6)	156 (3.0)
School type .....												
Public .....	149 (0.3)	149 (0.3)	148 (0.3)	149 (0.3)	151 (0.4)	147 (0.3)	151 (0.2)	153 (0.3)	148 (0.3)	— (†)	— (†)	— (†)
Private .....	163 (0.9)	165 (1.2)	162 (1.0)	164 (0.9)	167 (1.2)	161 (1.0)	163 (1.4)	168 (1.9)	158 (1.9)	— (†)	— (†)	— (†)
School locale .....												
City .....	142 (0.6)	142 (0.6)	142 (0.7)	142 (0.6)	144 (0.7)	141 (0.7)	144 (0.6)	146 (0.8)	142 (0.7)	146 (1.8)	148 (1.6)	144 (2.2)
Suburban .....	154 (0.4)	154 (0.6)	153 (0.4)	154 (0.5)	155 (0.6)	152 (0.5)	155 (0.5)	158 (0.5)	153 (0.6)	154 (1.4)	157 (1.8)	150 (1.5)
Town .....	150 (0.6)	151 (0.8)	149 (0.6)	149 (1.0)	152 (1.1)	147 (0.9)	153 (0.7)	155 (0.9)	150 (0.8)	150 (1.2)	153 (1.5)	146 (1.6)
Rural .....	155 (0.5)	156 (0.7)	154 (0.5)	154 (0.4)	156 (0.5)	152 (0.5)	156 (0.5)	159 (0.6)	153 (0.6)	150 (1.2)	153 (1.5)	146 (1.4)
Percentile <sup>2</sup> .....												
10th .....	104 (0.6)	103 (0.6)	104 (0.5)	103 (0.6)	103 (0.7)	103 (0.6)	106 (0.5)	107 (0.9)	105 (0.7)	104 (1.2)	106 (1.8)	103 (1.1)
25th .....	128 (0.4)	128 (0.5)	128 (0.4)	128 (0.4)	130 (0.5)	127 (0.5)	131 (0.4)	133 (0.5)	129 (0.6)	126 (0.8)	128 (1.0)	125 (1.5)
50th .....	153 (0.3)	154 (0.4)	152 (0.4)	153 (0.3)	156 (0.4)	151 (0.3)	155 (0.3)	158 (0.5)	152 (0.4)	151 (1.1)	154 (1.4)	148 (1.1)
75th .....	175 (0.3)	176 (0.3)	174 (0.4)	175 (0.2)	178 (0.4)	172 (0.2)	176 (0.4)	179 (0.3)	173 (0.4)	174 (1.0)	178 (1.2)	171 (1.1)
90th .....	192 (0.3)	194 (0.4)	191 (0.5)	192 (0.3)	195 (0.2)	188 (0.4)	193 (0.4)	196 (0.4)	189 (0.5)	194 (1.0)	198 (0.9)	190 (1.4)
Standard deviation of the science scale score <sup>3</sup>												
All students .....	35 (0.2)	36 (0.2)	34 (0.2)	35 (0.2)	36 (0.2)	34 (0.2)	34 (0.2)	35 (0.2)	33 (0.3)	35 (0.4)	36 (0.5)	34 (0.5)
Percent of students attaining science achievement levels												
Achievement level .....												
Below Basic .....	28 (0.3)	27 (0.4)	28 (0.3)	37 (0.4)	35 (0.5)	38 (0.4)	35 (0.3)	32 (0.4)	37 (0.5)	40 (1.0)	37 (1.1)	42 (1.3)
At or above Basic <sup>4</sup> .....	72 (0.3)	73 (0.4)	72 (0.3)	63 (0.4)	65 (0.5)	62 (0.4)	65 (0.3)	68 (0.4)	63 (0.5)	60 (1.0)	63 (1.1)	58 (1.3)
At or above Proficient <sup>5</sup> .....	34 (0.3)	35 (0.3)	32 (0.3)	30 (0.3)	34 (0.4)	27 (0.3)	32 (0.4)	35 (0.5)	28 (0.5)	21 (0.8)	24 (1.0)	18 (0.8)
At Advanced <sup>6</sup> .....	1 (0.1)	1 (0.1)	1 (0.1)	2 (0.1)	2 (0.1)	1 (0.1)	2 (0.1)	2 (0.1)	1 (0.1)	1 (0.2)	2 (0.3)	1 (0.2)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Scale ranges from 0 to 300 for all three grades, but scores cannot be compared across grades. For example, the average score of 163 for White 4th-graders does not denote higher performance than the score of 159 for White 12th-graders.

<sup>2</sup>The percentile represents a specific point on the percentage distribution of all students ranked by their science score from low to high. For example, 10 percent of students scored at or below the 10th percentile score, while 90 percent of students scored above it.

<sup>3</sup>The standard deviation provides an indication of how much the test scores varied. The lower the standard deviation, the closer the scores were clustered around the average score. About two-thirds of the student scores can be expected to fall within the range of one standard deviation above and one standard deviation below the average score. For example, the average score for all 4th-graders was 150, and the standard deviation was 35. This means that we would expect about two-thirds of the students to have scores between 185 (one standard deviation above the average) and 115 (one standard deviation below). Standard errors

also must be taken into account when making comparisons of these ranges. For a discussion of standard errors, see Appendix A: Guide to Sources.

<sup>4</sup>Basic denotes partial mastery of the knowledge and skills that are fundamental for proficient work.

<sup>5</sup>Proficient represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

<sup>6</sup>Advanced signifies superior performance.

NOTE: In 2011, only 8th-grade students were assessed in science. Includes students tested with accommodations (7 to 11 percent of all students, depending on grade level and year); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (2 to 3 percent of all students). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2011 Science Assessment, retrieved August 1, 2012, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2012.)

**Table 169. Average National Assessment of Educational Progress (NAEP) science scale scores of 8th-grade public school students, by race/ethnicity and state: 2009 and 2011**

[Standard errors appear in parentheses]

State	2009					2011				
	Total, all students	Race/ethnicity				Total, all students	Race/ethnicity			
		White	Black	Hispanic	Asian/Pacific Islander		White	Black	Hispanic	Asian/Pacific Islander
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>149 (0.3)</b>	<b>161 (0.2)</b>	<b>125 (0.4)</b>	<b>131 (0.6)</b>	<b>159 (1.0)</b>	<b>151 (0.2)</b>	<b>163 (0.2)</b>	<b>128 (0.5)</b>	<b>136 (0.5)</b>	<b>159 (1.2)</b>
Alabama .....	139 (1.1)	152 (1.1)	115 (1.8)	129 (3.5)	† (†)	140 (1.4)	152 (1.3)	118 (1.4)	136 (3.6)	† (†)
Alaska .....	— (†)	— (†)	— (†)	— (†)	— (†)	153 (0.7)	166 (0.9)	133 (3.2)	147 (2.7)	145 (2.2)
Arizona .....	141 (1.3)	157 (1.3)	126 (3.2)	127 (1.5)	159 (5.5)	144 (1.3)	158 (1.3)	128 (2.9)	132 (1.6)	† (†)
Arkansas .....	144 (1.3)	154 (0.9)	111 (2.1)	134 (3.0)	† (†)	148 (1.1)	158 (1.0)	119 (2.1)	138 (2.1)	† (†)
California .....	137 (1.4)	157 (2.0)	122 (2.8)	122 (1.3)	154 (2.2)	140 (1.3)	159 (1.6)	124 (3.4)	128 (1.4)	157 (2.8)
Colorado .....	156 (1.0)	166 (1.0)	135 (3.7)	137 (1.6)	161 (3.7)	161 (1.3)	171 (1.4)	149 (3.7)	141 (1.8)	162 (4.5)
Connecticut .....	155 (0.9)	164 (0.8)	126 (2.3)	128 (1.8)	169 (3.5)	155 (1.1)	165 (1.0)	128 (2.3)	129 (2.5)	170 (4.2)
Delaware .....	148 (0.6)	159 (0.9)	133 (1.0)	141 (2.2)	160 (4.3)	150 (0.6)	161 (0.8)	134 (1.3)	139 (2.0)	168 (3.3)
District of Columbia .....	— (†)	— (†)	— (†)	— (†)	— (†)	112 (1.0)	174 (3.3)	107 (1.1)	116 (2.6)	† (†)
Florida .....	146 (1.0)	158 (1.4)	126 (1.4)	139 (1.2)	163 (4.1)	148 (1.1)	161 (1.1)	127 (2.0)	144 (1.5)	161 (4.5)
Georgia .....	147 (1.0)	161 (1.2)	129 (1.3)	137 (2.2)	172 (2.7)	151 (1.4)	166 (1.6)	133 (1.8)	143 (3.1)	168 (3.9)
Hawaii .....	139 (0.7)	153 (1.5)	133 (5.0)	148 (4.3)	136 (1.0)	142 (0.7)	157 (1.8)	† (†)	144 (3.3)	139 (0.9)
Idaho .....	158 (0.9)	162 (0.9)	† (†)	137 (1.4)	† (†)	159 (0.7)	163 (0.7)	† (†)	139 (1.8)	† (†)
Illinois .....	148 (1.4)	162 (1.2)	118 (1.5)	131 (1.5)	167 (3.2)	147 (1.0)	161 (1.1)	120 (1.9)	135 (1.2)	163 (4.4)
Indiana .....	152 (1.2)	159 (1.0)	126 (3.9)	135 (3.5)	† (†)	153 (0.9)	160 (1.0)	125 (2.7)	136 (3.7)	† (†)
Iowa .....	156 (0.9)	160 (0.8)	127 (3.5)	133 (3.2)	† (†)	157 (0.8)	161 (0.8)	128 (3.7)	143 (3.1)	† (†)
Kansas .....	— (†)	— (†)	— (†)	— (†)	— (†)	156 (0.8)	163 (0.8)	129 (3.2)	134 (2.1)	156 (5.2)
Kentucky .....	156 (0.8)	159 (0.9)	137 (1.8)	145 (3.5)	† (†)	157 (0.8)	160 (0.9)	135 (1.7)	149 (3.0)	† (†)
Louisiana .....	139 (1.7)	155 (1.5)	120 (1.9)	† (†)	† (†)	143 (1.7)	156 (1.6)	125 (2.1)	142 (5.2)	† (†)
Maine .....	158 (0.8)	159 (0.8)	126 (4.5)	† (†)	† (†)	160 (0.5)	160 (0.6)	† (†)	† (†)	† (†)
Maryland .....	148 (1.1)	164 (1.2)	127 (1.5)	136 (2.8)	169 (2.5)	152 (1.2)	167 (1.2)	131 (1.8)	142 (2.2)	164 (4.3)
Massachusetts .....	160 (1.1)	167 (1.1)	132 (2.6)	131 (2.7)	168 (4.1)	161 (1.1)	169 (1.1)	133 (4.3)	130 (2.6)	170 (4.1)
Michigan .....	153 (1.4)	162 (1.0)	121 (2.1)	139 (3.4)	† (†)	157 (1.0)	165 (0.8)	124 (2.8)	146 (3.3)	166 (6.9)
Minnesota .....	159 (1.0)	166 (0.9)	128 (2.8)	132 (3.7)	141 (3.0)	161 (1.0)	168 (1.0)	129 (2.5)	137 (4.0)	149 (3.9)
Mississippi .....	132 (1.2)	150 (1.2)	114 (1.1)	† (†)	† (†)	137 (1.3)	156 (1.1)	119 (1.4)	† (†)	† (†)
Missouri .....	156 (1.1)	161 (0.9)	129 (2.5)	150 (3.8)	167 (4.7)	156 (1.1)	162 (0.8)	130 (3.5)	† (†)	† (†)
Montana .....	162 (0.7)	166 (0.7)	† (†)	155 (3.3)	† (†)	163 (0.7)	167 (0.7)	† (†)	† (†)	† (†)
Nebraska .....	— (†)	— (†)	— (†)	— (†)	— (†)	157 (0.7)	164 (0.7)	126 (3.5)	135 (1.9)	† (†)
Nevada .....	141 (0.7)	153 (0.9)	127 (2.4)	129 (1.0)	148 (2.4)	144 (0.8)	157 (1.3)	123 (3.3)	133 (1.1)	154 (2.6)
New Hampshire .....	160 (0.8)	161 (0.8)	† (†)	131 (4.2)	† (†)	162 (0.7)	164 (0.6)	† (†)	137 (4.3)	† (†)
New Jersey .....	155 (1.5)	165 (1.0)	127 (3.3)	138 (2.7)	174 (2.6)	155 (1.2)	166 (1.2)	131 (2.5)	134 (1.9)	173 (2.8)
New Mexico .....	143 (1.4)	163 (1.4)	† (†)	135 (1.4)	† (†)	145 (0.8)	161 (1.4)	† (†)	139 (0.8)	† (†)
New York .....	149 (1.2)	164 (1.0)	123 (1.8)	125 (1.7)	161 (2.3)	149 (1.0)	163 (1.3)	130 (2.2)	129 (1.7)	154 (2.6)
North Carolina .....	144 (1.3)	158 (1.3)	121 (1.6)	132 (2.3)	165 (7.1)	148 (1.1)	160 (1.1)	125 (1.8)	138 (2.4)	160 (6.5)
North Dakota .....	162 (0.5)	166 (0.6)	† (†)	† (†)	† (†)	164 (0.7)	168 (0.8)	† (†)	† (†)	† (†)
Ohio .....	158 (1.0)	164 (0.9)	126 (2.1)	140 (4.6)	† (†)	158 (1.0)	165 (1.0)	132 (2.6)	151 (5.3)	† (†)
Oklahoma .....	146 (0.9)	155 (1.0)	124 (2.6)	127 (2.6)	† (†)	148 (1.1)	156 (1.0)	126 (3.6)	135 (2.8)	† (†)
Oregon .....	154 (1.0)	160 (1.1)	135 (4.1)	130 (1.8)	160 (3.5)	155 (0.9)	162 (1.0)	† (†)	135 (1.4)	159 (4.3)
Pennsylvania .....	154 (1.1)	162 (0.9)	123 (2.0)	121 (4.4)	159 (4.1)	151 (1.3)	163 (0.9)	120 (2.3)	118 (4.8)	163 (4.9)
Rhode Island .....	146 (0.6)	155 (0.8)	125 (2.6)	119 (1.9)	146 (5.3)	149 (0.7)	161 (0.7)	122 (3.4)	120 (1.9)	151 (4.6)
South Carolina .....	143 (1.6)	158 (1.1)	124 (1.7)	129 (4.2)	† (†)	149 (1.0)	163 (1.0)	128 (1.6)	139 (3.0)	† (†)
South Dakota .....	161 (0.6)	165 (0.6)	141 (5.5)	135 (4.1)	† (†)	162 (0.5)	166 (0.6)	† (†)	151 (4.1)	† (†)
Tennessee .....	148 (1.2)	157 (0.9)	122 (2.0)	139 (3.8)	† (†)	150 (1.0)	160 (0.9)	121 (1.6)	137 (3.1)	† (†)
Texas .....	150 (1.2)	167 (1.4)	133 (2.5)	141 (1.5)	170 (3.6)	153 (1.0)	167 (1.2)	137 (2.3)	146 (1.3)	172 (4.3)
Utah .....	158 (1.0)	164 (1.1)	† (†)	129 (1.7)	147 (3.9)	161 (0.8)	167 (0.8)	† (†)	137 (2.0)	153 (4.7)
Vermont .....	— (†)	— (†)	— (†)	— (†)	— (†)	163 (0.8)	164 (0.9)	† (†)	† (†)	† (†)
Virginia .....	156 (1.1)	166 (1.1)	135 (2.0)	144 (2.2)	168 (3.1)	160 (1.0)	169 (1.3)	138 (1.7)	145 (2.8)	172 (2.4)
Washington .....	155 (1.0)	161 (1.1)	135 (3.7)	132 (2.3)	157 (3.0)	156 (0.9)	163 (1.0)	133 (3.1)	141 (2.5)	156 (2.8)
West Virginia .....	145 (0.8)	146 (0.8)	127 (2.8)	† (†)	† (†)	149 (1.0)	150 (1.0)	136 (2.7)	† (†)	† (†)
Wisconsin .....	157 (0.9)	165 (0.8)	120 (1.5)	134 (3.9)	152 (3.5)	159 (1.0)	166 (0.9)	121 (3.1)	140 (4.8)	149 (4.7)
Wyoming .....	158 (0.7)	162 (0.7)	† (†)	137 (1.8)	† (†)	160 (0.5)	164 (0.6)	† (†)	143 (2.0)	† (†)
Department of Defense dependents schools .....	162 (0.7)	170 (1.0)	144 (1.4)	155 (2.0)	160 (2.3)	161 (0.8)	169 (1.1)	143 (2.2)	158 (2.5)	155 (3.2)

—Not available.

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

NOTE: Scale ranges from 0 to 300. Includes students tested with accommodations (10 percent of all students in 2009 and 9 percent of all students in 2011); excludes only those students with disabilities and English language learners who were unable to be tested even with

accommodations (2 percent of all students in both years). Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 and 2011 Science Assessment, retrieved August 12, 2012, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared August 2012.)

**Table 170. Average National Assessment of Educational Progress (NAEP) science scale scores of 12th-graders with various educational goals and attitudes toward science, and percentage reporting these goals and attitudes, by selected student characteristics: 2009**

[Standard errors appear in parentheses]

Student characteristic	Educational goals <sup>1</sup>				Like science				Take science only because required			
	Graduate high school	Some education after high school	Graduate college	Go to graduate school	Strongly disagree	Disagree	Agree	Strongly agree	Strongly disagree	Disagree	Agree	Strongly agree
1	2	3	4	5	6	7	8	9	10	11	12	13
Average scale score <sup>2</sup>												
<b>All students</b> .....	<b>114 (1.9)</b>	<b>131 (1.3)</b>	<b>148 (0.6)</b>	<b>171 (1.0)</b>	<b>132 (1.3)</b>	<b>141 (0.9)</b>	<b>153 (0.9)</b>	<b>172 (1.1)</b>	<b>169 (1.1)</b>	<b>159 (0.9)</b>	<b>142 (0.9)</b>	<b>134 (1.0)</b>
Sex												
Male .....	121 (2.6)	134 (1.8)	152 (0.8)	177 (1.3)	130 (1.7)	141 (1.4)	155 (1.2)	175 (1.3)	172 (1.4)	162 (1.2)	143 (1.2)	134 (1.3)
Female .....	103 (2.6)	127 (1.9)	143 (0.8)	166 (1.2)	133 (1.8)	141 (1.1)	150 (0.9)	169 (1.8)	165 (1.8)	156 (0.9)	140 (1.2)	134 (1.4)
Race/ethnicity												
White .....	127 (2.1)	140 (1.6)	156 (0.7)	178 (1.0)	140 (1.6)	150 (1.1)	161 (0.9)	180 (1.0)	176 (1.1)	167 (0.8)	151 (1.0)	143 (1.4)
Black .....	89 (3.6)	107 (3.2)	124 (1.1)	144 (1.8)	113 (2.0)	120 (2.0)	128 (1.5)	142 (2.4)	140 (2.6)	135 (2.3)	121 (1.6)	115 (1.7)
Hispanic .....	106 (3.7)	122 (2.7)	136 (1.2)	154 (2.3)	123 (2.6)	127 (1.5)	135 (1.8)	157 (2.4)	152 (2.9)	143 (1.7)	128 (1.6)	125 (2.3)
Asian/Pacific Islander .....	† (†)	† (†)	154 (2.9)	181 (3.4)	141 (5.2)	149 (3.8)	166 (2.9)	188 (4.5)	181 (4.2)	171 (3.3)	154 (3.2)	141 (4.5)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Eligibility for free or reduced-price lunch												
Eligible .....	105 (2.9)	120 (2.0)	134 (0.8)	151 (2.0)	120 (1.8)	125 (1.4)	135 (1.1)	152 (2.0)	147 (2.7)	142 (1.4)	127 (1.1)	121 (1.6)
Not eligible .....	122 (2.0)	138 (1.8)	153 (0.8)	176 (1.0)	137 (1.5)	148 (1.1)	159 (1.1)	179 (1.3)	175 (1.2)	165 (1.0)	148 (1.1)	140 (1.4)
Unknown .....	† (†)	† (†)	151 (2.4)	169 (3.5)	139 (3.1)	146 (3.6)	158 (2.9)	177 (3.8)	175 (3.6)	164 (3.3)	149 (2.6)	138 (3.3)
Parents' highest level of education												
Did not finish high school .....	112 (3.7)	124 (2.8)	134 (1.5)	145 (3.1)	119 (2.7)	125 (2.5)	134 (2.0)	153 (3.5)	147 (3.1)	138 (2.5)	127 (2.3)	121 (2.2)
Graduated high school .....	109 (2.8)	129 (2.7)	141 (1.3)	158 (2.1)	124 (2.2)	132 (1.5)	141 (1.3)	158 (2.7)	149 (2.7)	149 (1.6)	133 (1.8)	126 (1.9)
Some education after high school .....	126 (4.0)	135 (2.2)	146 (0.9)	162 (2.1)	133 (1.5)	138 (1.2)	149 (1.2)	168 (1.7)	164 (2.3)	156 (1.3)	140 (1.1)	133 (1.7)
Graduated college .....	120 (3.9)	140 (2.4)	155 (0.8)	177 (0.9)	141 (1.7)	151 (1.3)	163 (1.0)	181 (1.3)	180 (1.3)	168 (1.0)	152 (1.0)	143 (1.2)
Percent of students												
<b>All students</b> .....	<b>5 (0.3)</b>	<b>7 (0.3)</b>	<b>59 (0.7)</b>	<b>26 (0.8)</b>	<b>14 (0.4)</b>	<b>21 (0.4)</b>	<b>48 (0.5)</b>	<b>16 (0.3)</b>	<b>15 (0.4)</b>	<b>34 (0.5)</b>	<b>31 (0.4)</b>	<b>19 (0.4)</b>
Sex												
Male .....	6 (0.4)	9 (0.4)	59 (0.8)	22 (0.8)	12 (0.5)	18 (0.5)	52 (0.7)	18 (0.5)	17 (0.5)	37 (0.6)	29 (0.7)	17 (0.5)
Female .....	4 (0.3)	6 (0.4)	58 (0.9)	31 (1.0)	16 (0.5)	25 (0.6)	45 (0.7)	14 (0.5)	14 (0.6)	31 (0.7)	33 (0.6)	21 (0.6)
Race/ethnicity												
White .....	4 (0.3)	7 (0.3)	60 (0.7)	26 (0.8)	13 (0.5)	21 (0.5)	49 (0.7)	17 (0.5)	17 (0.5)	36 (0.6)	29 (0.6)	18 (0.5)
Black .....	6 (0.8)	6 (0.6)	60 (1.3)	25 (1.4)	20 (1.0)	23 (0.9)	43 (1.3)	14 (0.9)	11 (0.8)	28 (1.2)	33 (1.0)	28 (1.1)
Hispanic .....	7 (0.7)	12 (0.8)	59 (1.4)	18 (1.1)	13 (0.7)	24 (0.9)	49 (1.1)	14 (0.9)	12 (0.8)	31 (1.1)	38 (1.0)	19 (0.9)
Asian/Pacific Islander .....	3 (0.8)	2 (0.5)	42 (2.6)	50 (2.8)	9 (1.0)	18 (1.7)	55 (1.5)	18 (1.5)	19 (1.6)	40 (1.3)	28 (1.9)	13 (1.1)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Eligibility for free or reduced-price lunch												
Eligible .....	8 (0.5)	10 (0.6)	60 (1.2)	18 (1.1)	16 (0.7)	23 (0.9)	47 (1.0)	14 (0.6)	13 (0.7)	30 (0.8)	34 (0.7)	22 (0.8)
Not eligible .....	4 (0.3)	7 (0.4)	59 (0.8)	29 (0.9)	13 (0.4)	21 (0.5)	49 (0.6)	17 (0.4)	16 (0.5)	35 (0.6)	30 (0.6)	18 (0.5)
Unknown .....	2 (0.7)	4 (1.0)	56 (2.4)	35 (2.7)	13 (1.2)	21 (1.3)	48 (1.9)	18 (1.6)	16 (1.6)	36 (2.3)	29 (1.8)	19 (1.6)
Parents' highest level of education												
Did not finish high school .....	11 (1.1)	13 (1.0)	53 (2.2)	16 (1.8)	19 (1.4)	22 (1.4)	47 (1.7)	13 (1.2)	13 (1.2)	30 (1.6)	35 (1.7)	23 (1.3)
Graduated high school .....	10 (0.6)	12 (0.8)	62 (1.4)	13 (1.0)	16 (0.8)	25 (1.0)	46 (1.2)	12 (0.7)	12 (0.7)	31 (1.3)	35 (1.1)	22 (1.1)
Some education after high school .....	4 (0.4)	9 (0.5)	65 (1.0)	20 (1.1)	15 (0.8)	22 (1.0)	48 (1.2)	15 (0.8)	14 (0.9)	33 (1.0)	32 (0.9)	21 (0.8)
Graduated college .....	2 (0.2)	4 (0.3)	56 (0.8)	37 (0.9)	12 (0.6)	19 (0.6)	50 (0.7)	19 (0.5)	18 (0.4)	37 (0.7)	28 (0.6)	17 (0.6)

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>The educational goals columns exclude the 1 percent of students who reported that they would not finish high school and the 2 percent who reported that they did not know how much education they would complete.

<sup>2</sup>Scale ranges from 0 to 300.

NOTE: Includes students tested with accommodations (7 percent of all 12th-graders); excludes only those students with disabilities and English language learners who were unable to be tested even with accommodations (3 percent of all 12th-graders). Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2009 Science Assessment, retrieved May 26, 2011, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared May 2011.)

Table 171. SAT mean scores of college-bound seniors, by race/ethnicity: Selected years, 1986–87 through 2011–12

Race/ethnicity	1986–87	1990–91	1996–97	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11	2011–12	Score change			
																	1990–91 to 2001–02	2001–02 to 2011–12	2006–07 to 2011–12	2010–11 to 2011–12
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>SAT—Critical reading</b>																				
All students .....	507	499	505	505	506	504	507	508	508	503	502	502	501	501	497	496	5	-8	-6	-1
White .....	524	518	526	528	529	527	529	528	532	527	527	528	528	528	528	527	9	0	0	-1
Black .....	428	427	434	434	433	430	431	430	433	434	433	430	429	429	428	428	3	-2	-5	0
Mexican American .....	457	454	451	453	451	446	448	451	453	454	455	454	453	454	451	448	-8	2	-7	-3
Puerto Rican .....	436	436	454	456	457	455	456	457	460	459	459	456	452	454	452	452	19	-3	-7	0
Other Hispanic .....	464	458	466	461	460	458	457	461	463	458	459	455	455	454	451	447	0	-11	-12	-4
Asian/Pacific Islander .....	479	485	496	499	501	501	508	507	511	510	514	513	516	519	517	518	16	17	4	1
American Indian/Alaska Native .....	471	470	475	482	481	479	480	483	489	487	487	485	486	485	484	482	9	3	-5	-2
Other .....	480	486	512	508	503	502	501	494	495	494	497	496	494	494	493	491	16	-11	-6	-2
<b>SAT—Mathematics</b>																				
All students .....	501	500	511	514	514	516	519	518	520	518	515	515	515	516	514	514	16	-2	-1	0
White .....	514	513	526	530	531	533	534	531	536	536	534	537	536	536	535	536	20	3	2	1
Black .....	411	419	423	426	426	427	426	427	431	429	429	426	426	428	427	428	8	1	-1	1
Mexican American .....	455	459	458	460	458	457	457	458	463	465	466	463	463	467	466	465	-2	8	-1	-1
Puerto Rican .....	432	439	447	451	451	451	453	452	457	456	454	453	450	452	452	452	12	1	-2	0
Other Hispanic .....	462	462	468	467	465	464	464	465	469	463	463	461	461	462	462	461	2	-3	-2	-1
Asian/Pacific Islander .....	541	548	560	565	566	569	575	577	580	578	581	587	591	595	595	595	21	26	17	0
American Indian/Alaska Native .....	463	468	475	481	479	483	482	488	493	494	494	491	493	492	488	489	15	6	-5	1
Other .....	482	492	514	515	512	514	513	508	513	513	512	512	514	514	517	516	22	2	4	-1
<b>SAT—Writing</b>																				
All students .....	†	†	†	†	†	†	†	†	†	497	494	494	493	492	489	488	†	†	-6	-1
White .....	†	†	†	†	†	†	†	†	†	519	518	518	517	516	516	515	†	†	-3	-1
Black .....	†	†	†	†	†	†	†	†	†	428	425	424	421	420	417	417	†	†	-8	0
Mexican American .....	†	†	†	†	†	†	†	†	†	452	450	447	446	448	445	443	†	†	-7	-2
Puerto Rican .....	†	†	†	†	†	†	†	†	†	448	447	445	443	443	442	442	†	†	-5	0
Other Hispanic .....	†	†	†	†	†	†	†	†	†	450	450	448	448	447	444	442	†	†	-8	-2
Asian/Pacific Islander .....	†	†	†	†	†	†	†	†	†	512	513	516	520	526	528	528	†	†	15	0
American Indian/Alaska Native .....	†	†	†	†	†	†	†	†	†	474	473	470	469	467	465	462	†	†	-11	-3
Other .....	†	†	†	†	†	†	†	†	†	493	493	494	493	492	492	491	†	†	-2	-1

†Not applicable.

NOTE: Data for 2009–10 and earlier years are for seniors who took the SAT any time during their high school years through March of their senior year. Data for 2010–11 onwards are for seniors who took the SAT any time during their high school years through June of their senior year. If a student took a test more than once, the most recent score was used. The SAT was formerly known

as the Scholastic Assessment Test and the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800. The critical reading section was formerly known as the verbal section. The writing section was introduced in March 2005.

SOURCE: College Entrance Examination Board, *College-Bound Seniors: Total Group Profile [National] Report*, selected years, 1986–87 through 2011–12, retrieved September 28, 2012, from <http://media.collegeboard.com/digitalServices/pdf/research/TotalGroup-2012.pdf>. (This table was prepared September 2012.)

**Table 172. SAT mean scores of college-bound seniors, by sex: 1966–67 through 2011–12**

School year	SAT <sup>1</sup>									Scholastic Aptitude Test (old scale)					
	Critical reading score			Mathematics score			Writing score <sup>2</sup>			Verbal score			Mathematics score		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1966–67.....	543	540	545	516	535	495	†	†	†	466	463	468	492	514	467
1967–68.....	543	541	543	516	533	497	†	†	†	466	464	466	492	512	470
1968–69.....	540	536	543	517	534	498	†	†	†	463	459	466	493	513	470
1969–70.....	537	536	538	512	531	493	†	†	†	460	459	461	488	509	465
1970–71.....	532	531	534	513	529	494	†	†	†	455	454	457	488	507	466
1971–72.....	530	531	529	509	527	489	†	†	†	453	454	452	484	505	461
1972–73.....	523	523	521	506	525	489	†	†	†	445	446	443	481	502	460
1973–74.....	521	524	520	505	524	488	†	†	†	444	447	442	480	501	459
1974–75.....	512	515	509	498	518	479	†	†	†	434	437	431	472	495	449
1975–76.....	509	511	508	497	520	475	†	†	†	431	433	430	472	497	446
1976–77.....	507	509	505	496	520	474	†	†	†	429	431	427	470	497	445
1977–78.....	507	511	503	494	517	474	†	†	†	429	433	425	468	494	444
1978–79.....	505	509	501	493	516	473	†	†	†	427	431	423	467	493	443
1979–80.....	502	506	498	492	515	473	†	†	†	424	428	420	466	491	443
1980–81.....	502	508	496	492	516	473	†	†	†	424	430	418	466	492	443
1981–82.....	504	509	499	493	516	473	†	†	†	426	431	421	467	493	443
1982–83.....	503	508	498	494	516	474	†	†	†	425	430	420	468	493	445
1983–84.....	504	511	498	497	518	478	†	†	†	426	433	420	471	495	449
1984–85.....	509	514	503	500	522	480	†	†	†	431	437	425	475	499	452
1985–86.....	509	515	504	500	523	479	†	†	†	431	437	426	475	501	451
1986–87.....	507	512	502	501	523	481	†	†	†	430	435	425	476	500	453
1987–88.....	505	512	499	501	521	483	†	†	†	428	435	422	476	498	455
1988–89.....	504	510	498	502	523	482	†	†	†	427	434	421	476	500	454
1989–90.....	500	505	496	501	521	483	†	†	†	424	429	419	476	499	455
1990–91.....	499	503	495	500	520	482	†	†	†	422	426	418	474	497	453
1991–92.....	500	504	496	501	521	484	†	†	†	423	428	419	476	499	456
1992–93.....	500	504	497	503	524	484	†	†	†	424	428	420	478	502	457
1993–94.....	499	501	497	504	523	487	†	†	†	423	425	421	479	501	460
1994–95.....	504	505	502	506	525	490	†	†	†	428	429	426	482	503	463
1995–96.....	505	507	503	508	527	492	†	†	†	—	—	—	—	—	—
1996–97.....	505	507	503	511	530	494	†	†	†	—	—	—	—	—	—
1997–98.....	505	509	502	512	531	496	†	†	†	—	—	—	—	—	—
1998–99.....	505	509	502	511	531	495	†	†	†	—	—	—	—	—	—
1999–2000.....	505	507	504	514	533	498	†	†	†	†	†	†	†	†	†
2000–01.....	506	509	502	514	533	498	†	†	†	†	†	†	†	†	†
2001–02.....	504	507	502	516	534	500	†	†	†	†	†	†	†	†	†
2002–03.....	507	512	503	519	537	503	†	†	†	†	†	†	†	†	†
2003–04.....	508	512	504	518	537	501	†	†	†	†	†	†	†	†	†
2004–05.....	508	513	505	520	538	504	†	†	†	†	†	†	†	†	†
2005–06.....	503	505	502	518	536	502	497	491	502	†	†	†	†	†	†
2006–07.....	502	504	502	515	533	499	494	489	500	†	†	†	†	†	†
2007–08.....	502	504	500	515	533	500	494	488	501	†	†	†	†	†	†
2008–09.....	501	503	498	515	534	499	493	486	499	†	†	†	†	†	†
2009–10.....	501	503	498	516	534	500	492	486	498	†	†	†	†	†	†
2010–11.....	497	500	495	514	531	500	489	482	496	†	†	†	†	†	†
2011–12.....	496	498	493	514	532	499	488	481	494	†	†	†	†	†	†

—Not available.

†Not applicable.

<sup>1</sup>Data for 1966–67 to 1985–86 were converted to the recentered scale by using a formula applied to the original mean and standard deviation. For 1986–87 to 1994–95, individual student scores were converted to the recentered scale and then the mean was recomputed. For 1995–96 to 1998–99, nearly all students received scores on the recentered scale; any score on the original scale was converted to the recentered scale prior to recomputing the mean. From 1999–2000 on, all scores have been reported on the recentered scale.

<sup>2</sup>Writing data are based on students who took the SAT writing section, which was introduced in March 2005.

NOTE: Data for 1966–67 through 1970–71 are estimates derived from the test scores of all participants. Data for 1971–72 through 2009–10 are for seniors who took the SAT any time

during their high school years through March of their senior year. Data for 2010–11 onwards are for seniors who took the SAT any time during their high school years through June of their senior year. If a student took a test more than once, the most recent score was used. The SAT was formerly known as the Scholastic Assessment Test and the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800. The critical reading section was formerly known as the verbal section.

SOURCE: College Entrance Examination Board, *College-Bound Seniors: Total Group Profile [National] Report*, selected years, 1966–67 through 2011–12, retrieved September 28, 2012, from <http://media.collegeboard.com/digitalServices/pdf/research/TotalGroup-2012.pdf>. (This table was prepared September 2012.)

Table 173. SAT mean scores and percentage distribution of college-bound seniors, by selected student characteristics: Selected years, 1995–96 through 2011–12

Selected student characteristic	1995–96			2000–01			2005–06				2010–11				2011–12			
	Critical reading score <sup>1</sup>	Mathematics score	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>All students</b> .....	<b>505</b>	<b>508</b>	<b>100</b>	<b>506</b>	<b>514</b>	<b>100</b>	<b>503</b>	<b>518</b>	<b>497</b>	<b>100</b>	<b>497</b>	<b>514</b>	<b>489</b>	<b>100</b>	<b>496</b>	<b>514</b>	<b>488</b>	<b>100</b>
High school rank .....																		
Top decile.....	591	606	22	588	607	24	580	604	577	31	575	606	572	35	573	606	571	36
Second decile .....	530	539	22	526	540	23	516	537	511	25	510	535	503	27	508	534	500	27
Second quintile .....	494	496	28	490	497	26	484	498	476	20	482	498	470	18	480	498	467	17
Third quintile .....	455	448	24	454	452	22	—	—	—	—	—	—	—	—	—	—	—	—
Fourth quintile .....	429	418	4	423	417	4	—	—	—	—	—	—	—	—	—	—	—	—
Fifth quintile .....	411	401	1	407	401	1	—	—	—	—	—	—	—	—	—	—	—	—
Bottom three quintiles <sup>3</sup> .....	—	—	—	—	—	—	443	449	435	23	438	448	426	20	435	446	423	20
High school grade point average .....																		
A+ (97–100) .....	617	632	6	609	626	7	602	621	599	7	596	620	595	6	593	620	593	6
A (93–96) .....	573	583	14	566	581	17	563	582	559	18	560	583	556	19	557	581	554	20
A- (90–92) .....	545	554	15	540	552	17	534	552	529	18	528	548	521	19	524	545	518	19
B (80–89) .....	486	485	49	482	486	47	479	489	471	46	469	480	458	45	466	478	455	44
C (70–79) .....	432	426	15	428	425	12	426	428	414	11	416	421	401	10	414	421	400	10
D, E, or F (below 70) .....	414	408	#	403	404	#	406	413	389	#	409	425	398	#	411	429	399	#
High school type .....																		
Public .....	502	506	83	502	510	83	500	514	492	83	494	506	483	84	491	505	481	84
Private, religiously affiliated .....	525	510	12	530	523	12	531	529	528	11	531	533	528	10	531	534	529	10
Private, independent .....	547	556	5	549	567	5	544	573	550	5	541	579	550	6	539	580	548	6
Intended college major <sup>4</sup> .....																		
Agriculture and related sciences.....	491	484	2	487	484	1	481	485	469	1	475	484	461	1	473	481	458	1
Architecture/environmental design.....	492	519	3	493	521	2	488	528	485	3	490	534	485	2	490	535	484	2
Area, ethnic, cultural and gender studies.....	†	†	†	†	†	†	†	†	†	†	545	513	531	#	543	515	529	#
Arts: visual/performing .....	520	497	6	518	501	8	516	502	507	9	508	497	499	8	506	498	496	7
Biological sciences .....	546	545	6	545	549	5	540	554	532	6	540	557	533	6	538	555	531	7
Business and commerce .....	483	500	13	489	511	14	486	511	481	15	488	522	484	11	488	522	485	11
Communications and journalism.....	527	497	4	527	506	4	522	504	520	4	519	502	516	3	517	500	513	3
Computer or information sciences .....	497	522	3	501	533	7	503	534	482	4	511	539	485	2	512	544	487	2
Construction trades.....	†	†	†	†	†	†	†	†	†	†	422	451	399	#	420	454	398	#
Education .....	487	477	8	483	481	9	480	484	478	8	480	487	476	6	480	486	477	5
Engineering.....	525	569	8	523	572	9	519	577	506	8	528	584	513	8	526	582	511	9
Engineering technologies/technicians .....	†	†	†	†	†	†	†	†	†	†	464	511	447	2	468	521	453	2
English language and literature/letters.....	605	545	1	606	549	1	597	541	584	2	584	529	570	1	580	527	564	1
Family and consumer sciences/human sciences <sup>5</sup> .....	458	452	#	459	458	#	462	466	461	#	456	461	452	#	453	458	450	#
Foreign languages, literatures, and linguistics.....	556	534	#	557	540	1	572	549	563	1	567	542	557	1	564	541	553	1
General/interdisciplinary .....	576	553	#	554	539	#	542	532	532	#	†	†	†	†	†	†	†	†
Health and allied services.....	500	505	19	494	502	15	485	498	483	18	487	502	484	19	485	499	482	19
History.....	†	†	†	†	†	†	†	†	†	†	542	510	511	1	542	513	511	1
Legal professions and studies .....	†	†	†	†	†	†	†	†	†	†	512	507	500	3	513	508	502	3
Liberal arts and sciences, general studies, and humanities .....	†	†	†	†	†	†	†	†	†	†	552	532	541	1	548	533	539	1
Library and archival sciences .....	554	512	#	574	504	#	579	509	542	#	564	505	516	#	561	502	520	#
Mathematics .....	552	628	1	549	625	1	539	624	537	1	518	603	519	1	530	614	532	1
Mechanic and repair technologies/technician ...	†	†	†	†	†	†	†	†	†	†	421	451	400	#	414	450	396	#
Military sciences .....	503	505	#	507	511	#	510	521	487	1	467	471	433	#	490	503	460	#
Multi/interdisciplinary studies .....	†	†	†	†	†	†	†	†	†	†	582	580	570	#	581	587	570	#
Natural resources and conservation .....	†	†	†	†	†	†	†	†	†	†	525	524	506	1	520	523	501	1

See notes at end of table.

**Table 173. SAT mean scores and percentage distribution of college-bound seniors, by selected student characteristics: Selected years, 1995–96 through 2011–12—Continued**

Selected student characteristic	1995–96			2000–01			2005–06				2010–11				2011–12			
	Critical reading score <sup>1</sup>	Mathematics score	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution	Critical reading score <sup>1</sup>	Mathematics score	Writing score <sup>2</sup>	Percentage distribution
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Parks, recreation, leisure, and fitness studies ...	†	†	†	†	†	†	†	†	†	†	444	468	435	1	439	464	430	1
Personal and culinary services .....	†	†	†	†	†	†	†	†	†	†	457	456	440	#	453	455	436	1
Philosophy/religious studies.....	560	536	#	561	539	1	557	537	535	1	557	535	530	#	551	534	527	#
Physical sciences.....	575	595	1	568	588	1	557	589	542	2	553	582	537	1	552	583	537	2
Precision production .....	†	†	†	†	†	†	†	†	†	†	436	468	422	#	460	477	422	#
Psychology .....	†	†	†	†	†	†	†	†	†	†	505	494	497	5	502	491	493	5
Public affairs and services .....	458	448	3	461	455	2	462	461	454	3	467	459	462	#	460	455	456	#
Security and protective services.....	†	†	†	†	†	†	†	†	†	†	445	454	432	2	445	455	433	3
Social sciences and history .....	532	509	11	531	512	10	539	519	525	9	†	†	†	†	†	†	†	†
Social sciences .....	†	†	†	†	†	†	†	†	†	†	573	558	559	2	568	556	554	2
Technical and vocational.....	435	441	1	444	451	1	437	454	421	1	†	†	†	†	†	†	†	†
Theology and religious vocations.....	†	†	†	†	†	†	†	†	†	†	539	522	513	#	537	523	515	#
Transportation and materials moving.....	†	†	†	†	†	†	†	†	†	†	465	496	446	#	457	491	441	#
Other.....	†	†	†	†	†	†	†	†	†	†	453	462	443	2	451	463	442	2
Undecided.....	500	507	7	515	524	7	512	530	502	3	530	545	522	8	531	548	524	7
Degree-level goal																		
Certificate program .....	434	439	1	443	455	1	443	462	435	1	445	464	434	1	443	464	433	1
Associate's degree .....	422	415	2	419	416	2	416	420	409	1	412	416	400	1	411	416	399	1
Bachelor's degree .....	476	476	23	478	483	25	477	487	469	25	478	490	467	30	477	490	466	30
Master's degree .....	514	518	29	516	526	31	512	525	505	30	506	524	499	29	505	524	498	30
Doctor's or related degree.....	548	552	24	547	554	21	539	553	532	20	534	550	527	21	532	549	526	22
Other.....	430	438	1	438	449	1	439	456	436	1	425	451	423	1	416	447	416	1
Undecided.....	502	503	20	511	517	19	515	528	508	22	509	522	499	16	505	522	496	16
Family income																		
Less than \$20,000 .....	—	—	—	—	—	—	—	—	—	—	434	460	429	13	433	461	428	14
\$20,000, but less than \$40,000.....	—	—	—	—	—	—	—	—	—	—	464	480	454	16	463	481	453	17
\$40,000, but less than \$60,000.....	—	—	—	—	—	—	—	—	—	—	487	499	475	15	485	500	473	14
\$60,000, but less than \$80,000.....	—	—	—	—	—	—	—	—	—	—	502	512	489	14	499	512	486	13
\$80,000, but less than \$100,000.....	—	—	—	—	—	—	—	—	—	—	515	527	503	12	511	525	499	11
\$100,000, but less than \$120,000.....	—	—	—	—	—	—	—	—	—	—	526	539	515	10	523	539	512	10
\$120,000, but less than \$140,000.....	—	—	—	—	—	—	—	—	—	—	530	544	520	5	527	543	517	5
\$140,000, but less than \$160,000.....	—	—	—	—	—	—	—	—	—	—	538	552	529	4	534	551	525	4
\$160,000, but less than \$200,000.....	—	—	—	—	—	—	—	—	—	—	543	557	536	5	540	557	534	5
More than \$200,000.....	—	—	—	—	—	—	—	—	—	—	568	586	567	7	567	589	566	8
Highest level of parental education																		
No high school diploma .....	414	439	4	411	438	4	418	445	418	4	421	449	418	6	420	450	418	6
High school diploma .....	475	474	35	472	476	32	467	478	460	31	463	476	452	31	463	477	452	30
Associate's degree .....	489	487	8	489	491	9	484	493	474	8	480	489	466	8	479	489	465	8
Bachelor's degree .....	525	529	28	525	533	29	522	536	514	30	522	538	514	31	522	540	513	31
Graduate degree.....	556	558	25	559	567	26	558	571	552	27	559	574	554	25	560	577	555	25

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Prior to 2006, the critical reading section was known as the verbal section.

<sup>2</sup>Writing data are based on students who took the SAT writing section, which was introduced in March 2005.

<sup>3</sup>Beginning in 2005–06, the College Board has reported third, fourth, and fifth quintiles as the bottom three quintiles instead of reporting them separately as in previous years.

<sup>4</sup>Data may not be comparable over time because of additions to the list of majors and changes in subspecialties within majors.

<sup>5</sup>Prior to 2006–07, family and consumer sciences/human sciences was called home economics.

NOTE: Data for 2009–10 and earlier years are for seniors who took the SAT any time during their high school years through March of their senior year. Data for 2010–11 onwards are for seniors who took the SAT any time during their high school years through June of their senior year. If a student took a test more than once, the most recent score was used. The SAT was formerly known as the Scholastic Assessment Test and the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800. Detail may not sum to totals because of rounding.

SOURCE: College Entrance Examination Board, *College-Bound Seniors: Total Group Profile [National] Report*, selected years, 1995–96 through 2011–12, retrieved September 30, 2012, from <http://research.collegeboard.org/programs/sat/data/cb-seniors-2012>. (This table was prepared September 2012.)



**Table 174. SAT mean scores of college-bound seniors and percentage of graduates taking SAT, by state: Selected years, 1995–96 through 2011–12**

State	1995–96		2000–01		2005–06			2009–10			2010–11			2011–12			Percent of graduates taking SAT, 2010–11 <sup>1</sup>	Percent of graduates taking SAT, 2011–12 <sup>1</sup>
	Critical reading	Mathematics	Critical reading	Mathematics	Critical reading	Mathematics	Writing <sup>2</sup>	Critical reading	Mathematics	Writing <sup>2</sup>	Critical reading	Mathematics	Writing <sup>2</sup>	Critical reading	Mathematics	Writing <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>United States ....</b>	<b>505</b>	<b>508</b>	<b>506</b>	<b>514</b>	<b>503</b>	<b>518</b>	<b>497</b>	<b>501</b>	<b>516</b>	<b>492</b>	<b>497</b>	<b>514</b>	<b>489</b>	<b>496</b>	<b>514</b>	<b>488</b>	<b>53</b>	<b>54</b>
Alabama .....	565	558	559	554	565	561	565	556	550	544	546	541	536	538	531	527	8	8
Alaska .....	521	513	514	510	517	517	493	518	515	491	515	511	487	512	507	485	52	54
Arizona .....	525	521	523	525	521	528	507	519	525	500	517	523	499	517	525	499	28	27
Arkansas .....	566	550	562	550	574	568	567	566	566	552	568	570	554	565	566	549	5	4
California .....	495	511	498	517	501	518	501	501	516	500	499	515	499	495	512	496	53	55
Colorado .....	536	538	539	542	558	564	548	568	572	555	570	573	556	575	581	562	19	17
Connecticut .....	507	504	509	510	512	516	511	509	514	513	509	513	513	506	512	510	87	88
Delaware <sup>3</sup> .....	508	495	501	499	495	500	484	493	495	481	489	490	476	456	462	444	74	100
District of Columbia ...	489	473	482	474	487	472	482	474	464	466	469	457	459	466	460	456	79	83
Florida .....	498	496	498	499	496	497	480	496	498	479	487	489	471	492	492	476	64	66
Georgia .....	484	477	491	489	494	496	487	488	490	475	485	487	473	488	489	475	80	81
Hawaii .....	485	510	486	515	482	509	472	483	505	470	479	500	469	478	500	467	64	66
Idaho .....	543	536	543	542	543	545	525	543	541	517	542	539	517	547	541	525	20	20
Illinois .....	564	575	576	589	591	609	586	585	600	577	599	617	591	596	615	587	5	5
Indiana .....	494	494	499	501	498	509	486	494	505	477	493	501	475	493	501	476	68	69
Iowa .....	590	600	593	603	602	613	591	603	613	582	596	606	575	603	606	580	3	3
Kansas .....	579	571	577	580	582	590	566	590	595	567	580	591	563	584	594	561	7	6
Kentucky .....	549	544	550	550	562	562	555	575	575	563	576	572	563	579	575	566	6	6
Louisiana .....	559	550	564	562	570	571	571	555	550	547	555	550	546	542	536	529	8	9
Maine <sup>4</sup> .....	504	498	506	500	501	501	491	468	467	454	469	469	453	470	472	452	93	93
Maryland .....	507	504	508	510	503	509	499	501	506	495	499	502	491	497	502	488	74	74
Massachusetts .....	507	504	511	515	513	524	510	512	526	509	513	527	509	513	530	508	89	89
Michigan .....	557	565	561	572	568	583	555	585	605	576	583	604	573	586	603	574	5	4
Minnesota .....	582	593	580	589	591	600	574	594	607	580	593	608	577	592	606	573	7	7
Mississippi .....	569	557	566	551	556	541	562	566	548	552	564	543	553	561	544	551	4	4
Missouri .....	570	569	577	577	587	591	582	593	595	580	592	593	579	589	592	575	5	5
Montana .....	546	547	539	539	538	545	524	538	538	517	539	537	516	536	536	511	26	28
Nebraska .....	567	568	562	568	576	583	566	585	593	568	585	591	569	576	585	562	5	5
Nevada .....	508	507	509	515	498	508	481	496	501	473	494	496	470	491	493	466	47	49
New Hampshire .....	520	514	520	516	520	524	509	520	524	510	523	525	511	521	525	510	77	75
New Jersey .....	498	505	499	513	496	515	496	495	514	497	495	516	497	495	517	499	78	78
New Mexico .....	554	548	551	542	557	549	543	553	549	534	548	541	529	550	546	529	12	13
New York .....	497	499	495	505	493	510	483	484	499	478	485	499	476	483	500	475	89	90
North Carolina .....	490	486	493	499	495	513	485	497	511	477	493	508	474	491	506	472	67	68
North Dakota .....	596	599	592	599	610	617	588	580	594	559	586	612	561	588	610	568	3	3
Ohio .....	536	535	534	539	535	544	521	538	548	522	539	545	522	543	552	525	21	19
Oklahoma .....	566	557	567	561	576	574	563	569	568	547	571	565	547	568	566	546	6	5
Oregon .....	523	521	526	526	523	529	503	523	524	499	520	521	499	521	523	498	56	57
Pennsylvania .....	498	492	500	499	493	500	483	492	501	480	493	501	479	491	501	480	73	74
Rhode Island .....	501	491	501	499	495	502	490	494	495	488	495	493	489	490	491	485	68	69
South Carolina .....	480	474	486	488	487	498	480	484	495	468	482	490	464	481	488	462	70	73
South Dakota .....	574	566	577	582	590	604	578	592	603	571	584	591	562	589	610	570	4	3
Tennessee .....	563	552	562	553	573	569	572	576	571	565	575	568	567	576	570	566	10	10
Texas .....	495	500	493	499	491	506	487	484	505	473	479	502	465	474	499	461	58	62
Utah .....	583	575	575	570	560	557	550	568	559	547	563	559	545	568	566	548	6	6
Vermont .....	506	500	511	506	513	519	502	519	521	506	515	518	505	519	523	505	67	69
Virginia .....	507	496	510	501	512	513	500	512	512	497	512	509	495	510	512	495	71	72
Washington .....	519	519	527	527	527	532	511	524	532	508	523	529	508	519	530	503	57	58
West Virginia .....	526	506	527	512	519	510	515	515	507	500	514	501	497	516	502	497	17	17
Wisconsin .....	577	586	584	596	588	600	577	595	604	579	590	602	575	594	605	577	5	4
Wyoming .....	544	544	547	545	548	555	537	570	567	546	572	569	551	567	579	549	5	5

<sup>1</sup>Participation rate is based on the projection of high school graduates by the Western Interstate Commission for Higher Education (WICHE), and the number of seniors who took the SAT in each state.

<sup>2</sup>Writing data are based on students who took the SAT writing section, which was introduced in March 2005.

<sup>3</sup>Beginning with the spring SAT administration in 2011, the SAT tests were administered to all high school juniors attending Delaware public high schools.

<sup>4</sup>Beginning with the spring SAT administration in 2006, all Maine high school juniors, including all students in their third year of high school, are required to take SAT tests in critical reading, writing, and mathematics.

NOTE: Data for 2009–10 and earlier years are for seniors who took the SAT any time during their high school years through March of their senior year. Data for 2010–11 onwards are for seniors who took the SAT any time during their high school years through June of their senior year. If a student took a test more than once, the most recent score was used. The SAT was formerly known as the Scholastic Assessment Test and the Scholastic Aptitude Test. Possible scores on each part of the SAT range from 200 to 800. The critical reading section was formerly known as the verbal section.

SOURCE: College Entrance Examination Board, College-Bound Seniors Tables and Related Items, selected years, 1995–96 through 2011–12, retrieved December 21, 2012, from <http://media.collegeboard.com/homeOrg/content/pdf/sat-report-college-career-readiness-2012.pdf>. (This table was prepared December 2012.)

**Table 175. ACT score averages and standard deviations, by sex and race/ethnicity, and percentage of ACT test takers, by selected composite score ranges and planned fields of study: Selected years, 1995 through 2012**

Score type and test-taker characteristic	1995	2000	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total test takers</b>													
<b>Number (in thousands) ...</b>	<b>945</b>	<b>1,065</b>	<b>1,116</b>	<b>1,175</b>	<b>1,171</b>	<b>1,186</b>	<b>1,206</b>	<b>1,301</b>	<b>1,422</b>	<b>1,480</b>	<b>1,569</b>	<b>1,623</b>	<b>1,666</b>
<b>Percent of graduates .....</b>	<b>37.5</b>	<b>37.6</b>	<b>38.4</b>	<b>39.0</b>	<b>38.4</b>	<b>38.2</b>	<b>38.6</b>	<b>40.6</b>	<b>42.9</b>	<b>44.2</b>	<b>45.7</b>	<b>47.7</b>	<b>49.1</b>
Average test score <sup>1</sup>													
Composite score, total ...	20.8	21.0	20.8	20.8	20.9	20.9	21.1	21.2	21.1	21.1	21.0	21.1	21.1
Sex													
Male .....	21.0	21.2	20.9	21.0	21.0	21.1	21.2	21.2	21.2	21.3	21.2	21.2	21.2
Female .....	20.7	20.9	20.7	20.8	20.9	20.9	21.0	21.0	21.0	20.9	20.9	21.0	21.0
Race/ethnicity													
White .....	—	22.7	21.7	21.7	21.8	21.9	22.0	22.1	22.1	22.2	22.3	22.4	22.4
Black .....	—	17.8	16.8	16.9	17.1	17.0	17.1	17.0	16.9	16.9	16.9	17.0	17.0
Hispanic .....	—	—	18.4	18.5	18.5	18.6	18.6	18.7	18.7	18.7	18.6	18.7	18.9
Asian/Pacific Islander .....	—	22.4	21.6	21.8	21.9	22.1	22.3	22.6	22.9	23.2	23.4	—	—
Asian .....	—	—	—	—	—	—	—	—	—	—	—	23.6	23.6
Native Hawaiian/Pacific Islander .....	—	—	—	—	—	—	—	—	—	—	—	19.5	19.8
American Indian/Alaska .....	—	20.4	18.6	18.7	18.8	18.7	18.8	18.9	19.0	18.9	19.0	18.6	18.4
Two or more races .....	—	—	—	—	—	—	—	—	—	—	—	21.1	21.4
Subject-area scores													
English .....	20.2	20.5	20.2	20.3	20.4	20.4	20.6	20.7	20.6	20.6	20.5	20.6	20.5
Male .....	19.8	20.0	19.7	19.8	19.9	20.0	20.1	20.2	20.1	20.2	20.1	20.2	20.2
Female .....	20.6	20.9	20.6	20.7	20.8	20.8	21.0	21.0	21.0	20.9	20.8	20.9	20.9
Mathematics .....	20.2	20.7	20.6	20.6	20.7	20.7	20.8	21.0	21.0	21.0	21.0	21.1	21.1
Male .....	20.9	21.4	21.2	21.2	21.3	21.3	21.5	21.6	21.6	21.6	21.6	21.6	21.7
Female .....	19.7	20.2	20.1	20.1	20.2	20.2	20.3	20.4	20.4	20.4	20.5	20.6	20.6
Reading .....	21.3	21.4	21.1	21.2	21.3	21.3	21.4	21.5	21.4	21.4	21.3	21.3	21.3
Male .....	21.1	21.2	20.9	21.0	21.1	21.0	21.1	21.2	21.2	21.3	21.1	21.1	21.2
Female .....	21.4	21.5	21.3	21.4	21.5	21.5	21.6	21.6	21.5	21.4	21.4	21.4	21.4
Science reasoning .....	21.0	21.0	20.8	20.8	20.9	20.9	20.9	21.0	20.8	20.9	20.9	20.9	20.9
Male .....	21.6	21.6	21.3	21.3	21.3	21.4	21.4	21.4	21.3	21.4	21.4	21.4	21.4
Female .....	20.5	20.6	20.4	20.4	20.5	20.5	20.5	20.5	20.4	20.4	20.5	20.5	20.5
Standard deviation <sup>2</sup>													
Composite score, total ...	—	4.7	4.8	4.8	4.8	—	4.8	5.0	5.0	5.1	5.2	5.2	5.3
Sex													
Male .....	—	4.9	5.0	5.0	5.0	5.0	—	—	—	—	—	—	—
Female .....	—	4.6	4.7	4.7	4.7	4.7	—	—	—	—	—	—	—
Subject-area scores													
English .....	—	5.5	5.8	5.8	5.9	—	5.9	6.0	6.1	6.3	6.4	6.5	6.5
Male .....	—	5.6	5.8	5.8	5.9	6.0	—	—	—	—	—	—	—
Female .....	—	5.5	5.7	5.8	5.8	5.9	—	—	—	—	—	—	—
Mathematics .....	—	5.0	5.0	5.1	5.0	—	5.0	5.1	5.2	5.3	5.3	5.3	5.3
Male .....	—	5.2	5.3	4.8	5.3	5.3	—	—	—	—	—	—	—
Female .....	—	4.8	4.8	5.3	4.8	4.8	—	—	—	—	—	—	—
Reading .....	—	6.1	6.1	6.1	6.0	—	6.0	6.1	6.1	6.2	6.2	6.2	6.2
Male .....	—	6.1	6.3	5.3	6.1	6.1	—	—	—	—	—	—	—
Female .....	—	6.0	6.1	4.8	5.9	6.0	—	—	—	—	—	—	—
Science reasoning .....	—	4.5	4.6	4.6	4.6	—	4.6	4.9	4.9	5.0	5.1	5.1	5.2
Male .....	—	4.8	4.9	4.9	4.9	4.9	—	—	—	—	—	—	—
Female .....	—	4.3	4.3	4.3	4.3	4.3	—	—	—	—	—	—	—
Percent of ACT test takers													
Obtaining composite scores of—													
28 or above .....	—	10	10	10	10	10	11	11	12	12	12	13	13
17 or below .....	—	25	27	27	26	26	25	25	26	27	28	28	28
Planned major field of study													
Business <sup>3</sup> .....	13	11	10	10	9	9	9	8	11	12	11	10	9
Education <sup>4</sup> .....	8	9	8	7	7	6	6	5	6	7	7	6	6
Engineering <sup>5</sup> .....	8	8	7	7	6	6	6	5	7	8	8	8	8
Health sciences and technologies .....	—	17	15	16	17	16	15	14	17	19	20	19	19
Social sciences <sup>6</sup> .....	9	9	8	8	7	7	6	5	6	7	7	8	9

—Not available.

<sup>1</sup>Minimum score is 1 and maximum score is 36.

<sup>2</sup>Standard deviations not available for racial/ethnic groups.

<sup>3</sup>For years prior to 2011, includes business and management, business and office, and marketing and distribution.

<sup>4</sup>For years prior to 2011, includes education and teacher education.

<sup>5</sup>Includes engineering and engineering-related technologies.

<sup>6</sup>Includes social sciences and philosophy, religion, and theology. For 2011 and 2012, also includes law.

NOTE: Data are for high school graduates who took the ACT during their sophomore, junior, or senior year. If a student took a test more than once, the most recent score was used. Race categories exclude persons of Hispanic ethnicity. Some data have been revised from previously published figures.

SOURCE: ACT, *High School Profile Report*, selected years, 1995 through 2012. U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "State Nonfiscal Survey of Public Elementary/Secondary Education," 1995–96 through 2009–10; Private School Universe Survey (PSS), 1995 through 2009; and *Projections of Education Statistics to 2021*. (This table was prepared September 2012.)

**Table 176. Percentage distribution of elementary and secondary school children, by average grades and selected child and school characteristics: 1996, 2003, and 2007**

[Standard errors appear in parentheses]

Selected child or school characteristic	Distribution of children, by parental reports of average grades in all subjects											
	1996				2003				2007			
	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All students .....</b>	<b>39.5 (0.53)</b>	<b>37.8 (0.56)</b>	<b>18.5 (0.41)</b>	<b>4.2 (0.22)</b>	<b>43.6 (0.62)</b>	<b>37.0 (0.58)</b>	<b>15.9 (0.52)</b>	<b>3.6 (0.24)</b>	<b>47.2 (0.75)</b>	<b>35.0 (0.80)</b>	<b>14.1 (0.72)</b>	<b>3.8 (0.36)</b>
Sex of child												
Male .....	32.5 (0.68)	38.3 (0.82)	23.5 (0.62)	5.7 (0.36)	36.4 (0.72)	38.6 (0.86)	19.8 (0.74)	5.2 (0.40)	40.3 (1.01)	37.1 (1.17)	17.0 (1.25)	5.7 (0.64)
Female .....	46.9 (0.79)	37.2 (0.77)	13.2 (0.60)	2.7 (0.27)	51.0 (0.84)	35.3 (0.76)	11.9 (0.61)	1.9 (0.24)	54.7 (0.99)	32.7 (0.97)	11.0 (0.62)	1.7 (0.24)
Race/ethnicity of child												
White .....	43.7 (0.66)	36.1 (0.60)	16.5 (0.48)	3.7 (0.27)	47.8 (0.86)	35.2 (0.75)	14.0 (0.63)	3.1 (0.25)	53.9 (0.97)	32.2 (0.91)	11.7 (0.68)	2.1 (0.27)
Black .....	27.0 (1.40)	41.0 (1.48)	26.2 (1.51)	5.8 (0.67)	34.5 (1.75)	39.5 (1.65)	20.9 (1.33)	5.0 (0.82)	28.3 (2.04)	40.5 (2.75)	24.9 (2.89)	6.3 (1.41)
Hispanic .....	31.7 (1.41)	43.8 (1.50)	19.6 (1.17)	4.9 (0.71)	34.9 (1.14)	42.3 (1.24)	18.6 (1.03)	4.2 (0.48)	40.8 (1.68)	39.2 (1.66)	14.1 (1.24)	6.0 (1.15)
Asian/Pacific Islander .....	55.5 (3.46)	35.0 (3.35)	8.3 (1.93)	† (†)	62.0 (3.47)	25.5 (2.76)	11.3 (3.06)	† (†)	— (†)	— (†)	— (†)	— (†)
Asian .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	74.5 (3.67)	20.7 (3.60)	3.2 ! (1.10)	† (†)
Pacific Islander .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	† (†)	70.5 (18.20)	† (†)	† (†)
American Indian/Alaska Native .....	30.2 (3.90)	31.9 (4.78)	29.3 (4.92)	8.7 ! (3.82)	29.5 (6.53)	53.3 (6.42)	12.1 ! (4.90)	5.1 ! (2.54)	39.7 (9.13)	29.2 (8.22)	19.9 ! (6.67)	† (†)
Other .....	40.7 (2.98)	33.3 (3.35)	20.1 (2.85)	5.8 ! (1.96)	41.4 (4.34)	36.2 (3.91)	18.8 (2.81)	3.5 ! (1.38)	† (†)	50.2 ! (21.33)	† (†)	† (†)
Two or more races .....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	44.3 (3.92)	38.2 (4.13)	11.3 (2.25)	6.2 (1.77)
Highest education level of parents												
Less than high school .....	28.7 (1.87)	39.2 (1.89)	24.0 (1.68)	8.1 (1.04)	27.8 (2.17)	41.6 (2.05)	22.7 (2.27)	7.8 (1.46)	26.8 (3.18)	41.9 (4.27)	22.0 (2.55)	9.3 (2.02)
High school/GED .....	30.5 (0.90)	40.5 (1.09)	23.1 (0.91)	5.9 (0.52)	32.1 (1.20)	41.4 (1.23)	21.7 (1.12)	4.8 (0.57)	32.9 (1.70)	39.8 (1.64)	21.9 (2.02)	5.4 (0.82)
Vocational/technical or some college .....	35.2 (1.25)	41.3 (1.20)	19.4 (0.82)	4.1 (0.52)	39.8 (1.34)	38.3 (1.36)	17.2 (0.95)	4.7 (0.58)	40.7 (1.65)	38.6 (2.03)	16.6 (1.43)	4.0 (0.78)
Associate's degree .....	41.5 (1.83)	36.9 (1.88)	18.0 (1.53)	3.5 (0.68)	46.7 (2.13)	34.5 (1.94)	16.4 (1.51)	2.4 (0.57)	40.3 (2.27)	38.4 (2.00)	15.7 (1.76)	5.5 ! (2.10)
Bachelor's degree/some graduate school .....	52.7 (1.32)	32.9 (1.16)	12.5 (0.92)	1.9 (0.31)	53.0 (1.26)	34.2 (1.29)	11.1 (0.85)	1.7 (0.28)	58.9 (1.62)	32.2 (1.52)	7.3 (0.85)	1.6 (0.38)
Graduate/professional degree .....	59.1 (1.40)	30.4 (1.26)	9.5 (0.99)	1.0 (0.24)	61.9 (1.71)	30.5 (1.75)	6.7 (0.67)	0.9 (0.24)	68.2 (1.59)	24.1 (1.37)	6.6 (1.33)	1.2 ! (0.38)
Family income (in current dollars)												
\$5,000 or less .....	28.9 (2.50)	38.8 (2.39)	23.3 (2.35)	8.9 (1.67)	31.8 (4.43)	38.9 (4.27)	21.0 (3.53)	8.3 ! (3.25)	22.9 (4.72)	31.0 (5.89)	32.6 (7.04)	13.6 (3.93)
\$5,001 to \$10,000 .....	26.6 (1.97)	41.9 (2.30)	24.6 (2.33)	6.9 (1.15)	31.6 (2.90)	40.1 (3.70)	24.9 (2.70)	3.4 (0.98)	26.4 (4.16)	51.1 (5.45)	17.2 (3.65)	5.3 ! (1.97)
\$10,001 to \$15,000 .....	27.6 (2.00)	40.0 (2.33)	26.1 (1.95)	6.3 (1.10)	33.4 (3.49)	35.1 (2.85)	23.9 (2.67)	7.5 (1.44)	34.7 (3.80)	38.9 (4.35)	21.1 (3.21)	5.3 (1.44)
\$15,001 to \$20,000 .....	32.7 (2.34)	38.4 (1.99)	21.6 (1.81)	7.3 (1.35)	34.6 (2.28)	41.1 (2.41)	18.8 (2.00)	5.4 (1.26)	30.0 (4.45)	35.7 (4.69)	29.5 (7.46)	4.8 (1.45)
\$20,001 to \$25,000 .....	34.4 (1.92)	40.8 (2.19)	20.6 (1.77)	4.2 (0.88)	33.5 (2.51)	42.1 (2.93)	19.8 (1.99)	4.7 (0.96)	32.3 (3.13)	39.8 (3.38)	20.2 (3.49)	7.7 (1.85)
\$25,001 to \$30,000 .....	33.0 (1.88)	42.0 (2.05)	19.8 (1.41)	5.2 (0.76)	34.5 (2.67)	42.6 (3.13)	17.9 (1.92)	5.0 (1.21)	38.5 (4.05)	39.2 (4.27)	16.2 (2.91)	6.1 ! (2.01)
\$30,001 to \$35,000 .....	40.0 (1.88)	38.0 (1.66)	18.1 (1.44)	3.9 (0.69)	35.1 (2.76)	43.1 (2.57)	16.9 (1.84)	5.0 (1.09)	44.2 (3.61)	32.7 (3.44)	18.7 (3.83)	4.4 ! (1.67)
\$35,001 to \$40,000 .....	40.4 (1.70)	37.3 (1.69)	19.4 (1.22)	2.8 (0.65)	39.6 (3.20)	37.8 (2.79)	19.1 (1.78)	3.6 (0.93)	37.6 (3.35)	36.4 (3.56)	19.8 (2.89)	6.1 (1.75)
\$40,001 to \$50,000 .....	43.2 (1.49)	36.0 (1.51)	16.8 (1.09)	4.0 (0.57)	43.9 (2.06)	35.8 (1.95)	15.8 (1.51)	4.4 (0.75)	37.9 (2.57)	39.4 (2.92)	15.9 (1.76)	6.9 ! (2.57)
\$50,001 to \$75,000 .....	50.2 (1.05)	32.7 (1.04)	14.9 (0.86)	2.2 (0.34)	48.0 (1.29)	35.0 (1.22)	14.0 (0.81)	3.0 (0.45)	53.0 (1.50)	33.8 (1.42)	11.0 (0.97)	2.2 (0.42)
Over \$75,000 .....	51.0 (1.58)	36.8 (1.55)	10.9 (0.93)	1.3 (0.31)	54.0 (1.19)	33.8 (1.18)	11.0 (0.78)	1.2 (0.19)	59.4 (1.13)	31.3 (1.09)	8.0 (0.70)	1.3 (0.25)
Child attending public school .....	38.2 (0.54)	37.9 (0.56)	19.3 (0.44)	4.6 (0.23)	41.8 (0.64)	37.5 (0.62)	16.8 (0.57)	3.8 (0.26)	45.5 (0.80)	35.5 (0.84)	14.9 (0.77)	4.1 (0.39)
Elementary (kindergarten to grade 8) .....	43.2 (0.75)	36.6 (0.69)	16.3 (0.55)	3.9 (0.26)	46.1 (0.80)	35.9 (0.84)	14.6 (0.74)	3.4 (0.32)	50.0 (0.99)	33.1 (1.00)	13.4 (1.12)	3.5 (0.43)
Secondary (grades 9 to 12) .....	29.6 (0.89)	40.2 (1.00)	24.5 (0.89)	5.7 (0.46)	34.6 (0.96)	40.2 (0.97)	20.6 (0.94)	4.6 (0.46)	38.6 (1.36)	39.1 (1.27)	17.2 (1.08)	5.2 (0.71)
Child attending private school .....	50.6 (1.64)	36.3 (1.58)	11.9 (0.96)	1.3 ! (0.40)	57.6 (1.72)	33.0 (1.68)	8.1 (0.91)	1.3 ! (0.45)	60.6 (2.79)	30.8 (2.85)	7.8 (1.73)	0.9 ! (0.35)
Elementary (kindergarten to grade 8) .....	55.5 (2.02)	35.5 (1.90)	7.5 (0.86)	1.4 ! (0.57)	61.6 (2.39)	30.3 (2.28)	7.3 (1.03)	0.8 ! (0.28)	66.1 (3.73)	26.6 (4.05)	6.6 (1.66)	† (†)
Secondary (grades 9 to 12) .....	40.9 (2.89)	37.7 (2.39)	20.4 (2.29)	1.0 ! (0.44)	48.8 (3.22)	38.9 (2.94)	10.0 (1.77)	† (†)	51.2 (3.91)	37.8 (3.43)	9.8 ! (3.87)	† (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

†Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Includes children enrolled in kindergarten through grade 12. Excludes children whose programs have no classes with lettered grades. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education/Civic Involvement Survey and Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI/CI-NHES:1996 and PFI-NHES:2003 and 2007). (This table was prepared August 2009.)

**Table 177. Average number of Carnegie units earned by public high school graduates in various subject fields, by sex and race/ethnicity: Selected years, 1982 through 2009**  
[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total	English	History/ social studies	Mathematics	Science					Foreign languages	Arts	Career/ technical (occupational) education <sup>1</sup>	Labor market, family, and consumer education <sup>2</sup>	Personal use <sup>3</sup>
					Total	Biology	Chemistry	Physics	Other science <sup>4</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1982 graduates .....</b>	<b>21.58 (0.090)</b>	<b>3.93 (0.022)</b>	<b>3.16 (0.028)</b>	<b>2.63 (0.022)</b>	<b>2.20 (0.025)</b>	<b>0.94 (0.014)</b>	<b>0.34 (0.010)</b>	<b>0.17 (0.008)</b>	<b>0.73 (0.016)</b>	<b>0.99 (0.029)</b>	<b>1.47 (0.035)</b>	— (†)	— (†)	<b>2.58 (0.048)</b>
Sex														
Male .....	21.40 (0.108)	3.88 (0.026)	3.16 (0.034)	2.71 (0.030)	2.27 (0.031)	0.91 (0.016)	0.36 (0.014)	0.23 (0.012)	0.76 (0.018)	0.80 (0.030)	1.29 (0.044)	— (†)	— (†)	2.69 (0.056)
Female .....	21.75 (0.101)	3.98 (0.026)	3.15 (0.029)	2.57 (0.024)	2.13 (0.029)	0.97 (0.017)	0.33 (0.013)	0.12 (0.008)	0.71 (0.017)	1.17 (0.036)	1.63 (0.044)	— (†)	— (†)	2.48 (0.049)
Race/ethnicity														
White .....	21.69 (0.107)	3.90 (0.025)	3.19 (0.032)	2.68 (0.026)	2.27 (0.029)	0.97 (0.015)	0.38 (0.013)	0.20 (0.010)	0.73 (0.017)	1.06 (0.033)	1.53 (0.042)	— (†)	— (†)	2.52 (0.052)
Black .....	21.15 (0.169)	4.08 (0.050)	3.08 (0.054)	2.61 (0.043)	2.06 (0.049)	0.90 (0.033)	0.26 (0.023)	0.09 (0.011)	0.81 (0.033)	0.72 (0.067)	1.26 (0.063)	— (†)	— (†)	2.60 (0.094)
Hispanic .....	21.23 (0.122)	3.94 (0.037)	3.00 (0.037)	2.33 (0.040)	1.80 (0.038)	0.81 (0.025)	0.16 (0.012)	0.07 (0.007)	0.75 (0.026)	0.77 (0.042)	1.29 (0.054)	— (†)	— (†)	2.87 (0.081)
Asian/Pacific Islander .....	22.46 (0.216)	4.01 (0.091)	3.16 (0.094)	3.15 (0.095)	2.64 (0.125)	1.11 (0.048)	0.61 (0.046)	0.42 (0.048)	0.51 (0.061)	1.79 (0.105)	1.31 (0.124)	— (†)	— (†)	3.05 (0.146)
American Indian/ Alaska Native .....	21.45 (0.330)	3.98 (0.114)	3.25 (0.207)	2.35 (0.129)	2.04 (0.090)	0.84 (0.124)	0.42 (0.087)	0.12 ! (0.039)	0.67 (0.087)	0.48 (0.117)	1.72 (0.338)	— (†)	— (†)	2.84 (0.128)
<b>1987 graduates .....</b>	<b>23.00 (0.157)</b>	<b>4.12 (0.022)</b>	<b>3.32 (0.037)</b>	<b>3.01 (0.029)</b>	<b>2.55 (0.046)</b>	<b>1.10 (0.020)</b>	<b>0.47 (0.015)</b>	<b>0.21 (0.011)</b>	<b>0.76 (0.033)</b>	<b>1.35 (0.049)</b>	<b>1.44 (0.044)</b>	— (†)	— (†)	<b>2.67 (0.073)</b>
Sex														
Male .....	22.88 (0.162)	4.08 (0.021)	3.29 (0.037)	3.05 (0.029)	2.59 (0.049)	1.05 (0.021)	0.47 (0.016)	0.26 (0.013)	0.79 (0.032)	1.16 (0.051)	1.24 (0.046)	— (†)	— (†)	2.83 (0.081)
Female .....	23.12 (0.156)	4.15 (0.026)	3.35 (0.041)	2.96 (0.030)	2.52 (0.048)	1.14 (0.022)	0.47 (0.017)	0.17 (0.012)	0.74 (0.035)	1.53 (0.051)	1.63 (0.050)	— (†)	— (†)	2.51 (0.069)
Race/ethnicity														
White .....	23.11 (0.189)	4.08 (0.028)	3.29 (0.045)	3.01 (0.034)	2.61 (0.058)	1.12 (0.025)	0.50 (0.020)	0.23 (0.012)	0.75 (0.040)	1.38 (0.055)	1.50 (0.055)	— (†)	— (†)	2.60 (0.082)
Black .....	22.40 (0.251)	4.22 (0.038)	3.34 (0.073)	2.99 (0.060)	2.33 (0.060)	1.01 (0.036)	0.31 (0.021)	0.10 (0.012)	0.90 (0.051)	1.08 (0.094)	1.20 (0.064)	— (†)	— (†)	2.73 (0.120)
Hispanic .....	22.84 (0.162)	4.30 (0.055)	3.22 (0.061)	2.81 (0.056)	2.24 (0.045)	1.07 (0.028)	0.29 (0.015)	0.10 (0.013)	0.78 (0.028)	1.25 (0.071)	1.34 (0.056)	— (†)	— (†)	3.19 (0.096)
Asian/Pacific Islander .....	24.47 (0.332)	4.37 (0.076)	3.65 (0.163)	3.71 (0.094)	3.14 (0.116)	1.17 (0.027)	0.87 (0.069)	0.50 (0.045)	0.59 (0.048)	2.07 (0.105)	1.18 (0.077)	— (†)	— (†)	3.23 (0.185)
American Indian/ Alaska Native .....	23.23 (0.153)	4.22 (0.033)	3.18 (0.044)	2.98 (0.113)	2.44 (0.104)	1.22 (0.073)	0.32 (0.035)	0.09 ! (0.027)	0.81 (0.041)	0.75 (0.138)	1.68 (0.112)	— (†)	— (†)	3.06 (0.050)
<b>1990 graduates .....</b>	<b>23.53 (0.127)</b>	<b>4.19 (0.034)</b>	<b>3.47 (0.040)</b>	<b>3.15 (0.028)</b>	<b>2.75 (0.028)</b>	<b>1.14 (0.019)</b>	<b>0.53 (0.014)</b>	<b>0.23 (0.010)</b>	<b>0.85 (0.026)</b>	<b>1.54 (0.041)</b>	<b>1.55 (0.045)</b>	— (†)	— (†)	<b>2.68 (0.073)</b>
Sex														
Male .....	23.35 (0.130)	4.13 (0.035)	3.45 (0.041)	3.16 (0.028)	2.78 (0.033)	1.11 (0.021)	0.52 (0.017)	0.28 (0.012)	0.88 (0.027)	1.33 (0.040)	1.31 (0.047)	— (†)	— (†)	2.87 (0.077)
Female .....	23.69 (0.132)	4.25 (0.036)	3.50 (0.041)	3.14 (0.033)	2.73 (0.027)	1.17 (0.019)	0.53 (0.014)	0.19 (0.010)	0.83 (0.027)	1.72 (0.045)	1.87 (0.050)	— (†)	— (†)	2.51 (0.072)
Race/ethnicity														
White .....	23.54 (0.133)	4.12 (0.036)	3.46 (0.045)	3.13 (0.032)	2.80 (0.033)	1.15 (0.020)	0.55 (0.016)	0.25 (0.011)	0.84 (0.022)	1.58 (0.049)	1.61 (0.056)	— (†)	— (†)	2.61 (0.076)
Black .....	23.40 (0.255)	4.34 (0.044)	3.49 (0.058)	3.20 (0.064)	2.68 (0.061)	1.11 (0.042)	0.42 (0.024)	0.16 (0.020)	0.98 (0.068)	1.20 (0.075)	1.34 (0.052)	— (†)	— (†)	2.74 (0.124)
Hispanic .....	23.83 (0.210)	4.51 (0.139)	3.42 (0.071)	3.13 (0.058)	2.50 (0.046)	1.10 (0.034)	0.42 (0.034)	0.14 (0.016)	0.83 (0.041)	1.57 (0.060)	1.48 (0.072)	— (†)	— (†)	3.10 (0.103)
Asian/Pacific Islander .....	24.07 (0.236)	4.50 (0.117)	3.70 (0.126)	3.52 (0.060)	2.97 (0.114)	1.12 (0.085)	0.74 (0.057)	0.42 (0.047)	0.68 (0.080)	2.06 (0.150)	1.29 (0.084)	— (†)	— (†)	2.96 (0.221)
American Indian/ Alaska Native .....	22.64 (0.267)	4.08 (0.092)	3.34 (0.083)	3.04 (0.152)	2.48 (0.175)	1.09 (0.090)	0.42 (0.072)	0.15 (0.039)	0.83 (0.090)	1.15 (0.188)	1.11 (0.126)	— (†)	— (†)	2.81 (0.148)
<b>1994 graduates .....</b>	<b>24.17 (0.144)</b>	<b>4.29 (0.028)</b>	<b>3.55 (0.041)</b>	<b>3.33 (0.021)</b>	<b>3.04 (0.028)</b>	<b>1.26 (0.018)</b>	<b>0.62 (0.013)</b>	<b>0.28 (0.011)</b>	<b>0.88 (0.024)</b>	<b>1.71 (0.033)</b>	<b>1.66 (0.041)</b>	— (†)	— (†)	<b>2.63 (0.077)</b>
Sex														
Male .....	23.79 (0.146)	4.26 (0.028)	3.51 (0.041)	3.32 (0.022)	3.03 (0.030)	1.20 (0.020)	0.59 (0.015)	0.32 (0.014)	0.91 (0.026)	1.49 (0.034)	1.43 (0.038)	— (†)	— (†)	2.83 (0.081)
Female .....	24.11 (0.147)	4.32 (0.030)	3.59 (0.041)	3.34 (0.023)	3.06 (0.028)	1.31 (0.018)	0.64 (0.014)	0.24 (0.010)	0.86 (0.024)	1.93 (0.034)	1.87 (0.051)	— (†)	— (†)	2.44 (0.078)
Race/ethnicity														
White .....	24.08 (0.183)	4.23 (0.035)	3.56 (0.049)	3.36 (0.023)	3.13 (0.032)	1.29 (0.022)	0.65 (0.014)	0.30 (0.014)	0.89 (0.030)	1.76 (0.039)	1.74 (0.049)	— (†)	— (†)	2.61 (0.096)
Black .....	23.28 (0.132)	4.36 (0.034)	3.51 (0.039)	3.23 (0.030)	2.80 (0.042)	1.21 (0.036)	0.49 (0.028)	0.17 (0.013)	0.92 (0.051)	1.35 (0.052)	1.36 (0.066)	— (†)	— (†)	2.69 (0.101)
Hispanic .....	23.71 (0.131)	4.61 (0.075)	3.45 (0.046)	3.28 (0.041)	2.69 (0.046)	1.19 (0.027)	0.49 (0.047)	0.17 (0.021)	0.83 (0.058)	1.73 (0.062)	1.51 (0.046)	— (†)	— (†)	2.93 (0.086)
Asian/Pacific Islander .....	23.84 (0.256)	4.60 (0.091)	3.66 (0.097)	3.66 (0.082)	3.35 (0.131)	1.22 (0.042)	0.81 (0.062)	0.48 (0.058)	0.80 (0.034)	2.09 (0.085)	1.32 (0.121)	— (†)	— (†)	2.78 (0.123)
American Indian/ Alaska Native .....	23.40 (0.541)	4.27 (0.113)	3.57 (0.201)	3.11 (0.038)	2.82 (0.073)	1.28 (0.069)	0.50 (0.065)	0.13 (0.039)	0.91 (0.057)	1.30 (0.150)	2.01 (0.351)	— (†)	— (†)	3.12 (0.355)
<b>1998 graduates .....</b>	<b>25.14 (0.162)</b>	<b>4.25 (0.037)</b>	<b>3.74 (0.038)</b>	<b>3.40 (0.024)</b>	<b>3.12 (0.026)</b>	<b>1.26 (0.021)</b>	<b>0.66 (0.015)</b>	<b>0.31 (0.015)</b>	<b>0.89 (0.024)</b>	<b>1.85 (0.039)</b>	<b>1.90 (0.079)</b>	— (†)	— (†)	<b>2.89 (0.076)</b>
Sex														
Male .....	24.64 (0.162)	4.19 (0.038)	3.68 (0.040)	3.37 (0.024)	3.09 (0.028)	1.20 (0.021)	0.62 (0.014)	0.33 (0.018)	0.93 (0.026)	1.62 (0.040)	1.61 (0.072)	— (†)	— (†)	3.12 (0.079)
Female .....	25.04 (0.166)	4.31 (0.039)	3.80 (0.036)	3.42 (0.025)	3.17 (0.029)	1.32 (0.023)	0.70 (0.018)	0.28 (0.015)	0.87 (0.023)	2.06 (0.041)	2.15 (0.094)	— (†)	— (†)	2.67 (0.080)
Race/ethnicity														
White .....	24.87 (0.178)	4.19 (0.049)	3.77 (0.046)	3.40 (0.028)	3.18 (0.028)	1.28 (0.025)	0.69 (0.017)	0.33 (0.019)	0.87 (0.027)	1.90 (0.049)	2.00 (0.078)	— (†)	— (†)	2.80 (0.088)
Black .....	24.37 (0.250)	4.28 (0.045)	3.69 (0.050)	3.42 (0.042)	3.03 (0.064)	1.24 (0.038)	0.58 (0.025)	0.22 (0.022)	0.97 (0.045)	1.58 (0.062)	1.57 (0.152)	— (†)	— (†)	2.94 (0.080)
Hispanic .....	24.69 (0.218)	4.51 (0.055)	3.60 (0.051)	3.28 (0.041)	2.81 (0.054)	1.13 (0.026)	0.50 (0.036)	0.20 (0.020)	0.97 (0.042)	1.78 (0.055)	1.78 (0.113)	— (†)	— (†)	3.36 (0.121)
Asian/Pacific Islander .....	24.67 (0.195)	4.37 (0.068)	3.92 (0.086)	3.62 (0.029)	3.43 (0.079)	1.26 (0.027)	0.83 (0.037)	0.51 (0.036)	0.81 (0.041)	2.29 (0.129)	1.52 (0.056)	— (†)	— (†)	2.95 (0.208)
American Indian/ Alaska Native .....	23.81 (0.350)	4.18 (0.082)	3.67 (0.093)	3.10 (0.081)	2.68 (0.081)	1.07 (0.056)	0.49 (0.038)	0.15 (0.024)	0.98 (0.070)	1.45 (0.132)	1.94 (0.146)	— (†)	— (†)	3.40 (0.212)

See notes at end of table.

**Table 177. Average number of Carnegie units earned by public high school graduates in various subject fields, by sex and race/ethnicity: Selected years, 1982 through 2009—Continued**  
 [Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total	English	History/ social studies	Mathematics	Science					Foreign languages	Arts	Career/ technical (occupational) education <sup>1</sup>	Labor market, family, and consumer education <sup>2</sup>	Personal use <sup>3</sup>
					Total	Biology	Chemistry	Physics	Other science <sup>4</sup>					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>2000 graduates .....</b>	<b>26.15 (0.204)</b>	<b>4.26 (0.037)</b>	<b>3.89 (0.036)</b>	<b>3.62 (0.029)</b>	<b>3.20 (0.038)</b>	<b>1.28 (0.028)</b>	<b>0.71 (0.020)</b>	<b>0.37 (0.018)</b>	<b>0.84 (0.030)</b>	<b>2.01 (0.045)</b>	<b>2.03 (0.054)</b>	<b>2.86 (0.105)</b>	<b>1.35 (0.044)</b>	<b>3.49 (0.071)</b>
Sex														
Male .....	26.01 (0.210)	4.18 (0.036)	3.83 (0.036)	3.60 (0.032)	3.15 (0.039)	1.20 (0.030)	0.67 (0.020)	0.42 (0.020)	0.87 (0.029)	1.77 (0.045)	1.75 (0.051)	3.24 (0.133)	1.35 (0.049)	3.76 (0.079)
Female .....	26.26 (0.204)	4.34 (0.040)	3.95 (0.038)	3.64 (0.028)	3.24 (0.041)	1.36 (0.030)	0.74 (0.022)	0.33 (0.018)	0.81 (0.031)	2.25 (0.050)	2.29 (0.065)	2.48 (0.086)	1.34 (0.047)	3.22 (0.068)
Race/ethnicity														
White .....	26.31 (0.256)	4.26 (0.037)	3.93 (0.042)	3.63 (0.032)	3.24 (0.038)	1.30 (0.034)	0.72 (0.024)	0.39 (0.021)	0.83 (0.033)	1.98 (0.054)	2.11 (0.068)	2.97 (0.136)	1.37 (0.055)	3.37 (0.080)
Black .....	25.85 (0.233)	4.36 (0.078)	3.81 (0.068)	3.57 (0.046)	3.12 (0.059)	1.25 (0.041)	0.66 (0.030)	0.30 (0.027)	0.91 (0.043)	1.71 (0.070)	1.94 (0.134)	2.74 (0.143)	1.54 (0.075)	3.60 (0.134)
Hispanic .....	25.59 (0.358)	4.29 (0.125)	3.84 (0.076)	3.48 (0.069)	2.86 (0.112)	1.18 (0.068)	0.58 (0.055)	0.25 (0.026)	0.84 (0.044)	2.22 (0.063)	1.76 (0.062)	2.64 (0.152)	1.20 (0.082)	3.95 (0.173)
Asian/Pacific Islander....	26.23 (0.332)	4.12 (0.060)	3.80 (0.055)	4.01 (0.108)	3.70 (0.162)	1.35 (0.066)	0.97 (0.050)	0.67 (0.042)	0.71 (0.086)	2.90 (0.089)	1.78 (0.085)	1.99 (0.149)	0.81 (0.050)	3.52 (0.221)
American Indian/ Alaska Native .....	25.24 (0.342)	4.08 (0.069)	3.82 (0.102)	3.35 (0.117)	2.88 (0.086)	1.25 (0.080)	0.45 (0.045)	0.19 (0.042)	0.98 (0.038)	1.41 (0.105)	1.99 (0.220)	3.23 (0.380)	1.60 (0.151)	3.60 (0.365)
<b>2005 graduates .....</b>	<b>26.88 (0.102)</b>	<b>4.33 (0.022)</b>	<b>4.08 (0.027)</b>	<b>3.80 (0.018)</b>	<b>3.35 (0.019)</b>	<b>1.28 (0.016)</b>	<b>0.75 (0.011)</b>	<b>0.37 (0.012)</b>	<b>0.95 (0.019)</b>	<b>2.07 (0.022)</b>	<b>2.06 (0.035)</b>	<b>2.64 (0.045)</b>	<b>1.38 (0.030)</b>	<b>3.83 (0.047)</b>
Sex														
Male .....	26.70 (0.107)	4.26 (0.024)	4.01 (0.030)	3.78 (0.021)	3.29 (0.023)	1.19 (0.016)	0.71 (0.012)	0.41 (0.014)	0.98 (0.019)	1.87 (0.025)	1.71 (0.035)	3.01 (0.050)	1.36 (0.032)	4.17 (0.055)
Female .....	27.05 (0.104)	4.39 (0.022)	4.16 (0.028)	3.83 (0.018)	3.41 (0.019)	1.37 (0.017)	0.79 (0.012)	0.33 (0.012)	0.92 (0.020)	2.25 (0.023)	2.38 (0.045)	2.29 (0.049)	1.41 (0.033)	3.52 (0.050)
Race/ethnicity														
White .....	27.06 (0.127)	4.30 (0.030)	4.12 (0.030)	3.80 (0.022)	3.44 (0.021)	1.31 (0.018)	0.77 (0.014)	0.39 (0.012)	0.96 (0.021)	2.03 (0.025)	2.17 (0.043)	2.75 (0.059)	1.39 (0.036)	3.64 (0.059)
Black .....	26.76 (0.151)	4.50 (0.028)	4.10 (0.054)	3.86 (0.036)	3.22 (0.035)	1.27 (0.025)	0.69 (0.017)	0.28 (0.025)	0.99 (0.037)	1.77 (0.041)	1.77 (0.056)	2.58 (0.074)	1.56 (0.065)	4.32 (0.096)
Hispanic .....	26.18 (0.147)	4.33 (0.026)	3.88 (0.052)	3.64 (0.034)	2.93 (0.036)	1.11 (0.021)	0.64 (0.022)	0.25 (0.017)	0.94 (0.031)	2.39 (0.047)	1.78 (0.055)	2.41 (0.086)	1.30 (0.046)	4.44 (0.100)
Asian/Pacific Islander....	26.58 (0.183)	4.28 (0.043)	4.02 (0.048)	4.08 (0.051)	3.65 (0.057)	1.31 (0.035)	0.98 (0.028)	0.59 (0.036)	0.77 (0.061)	2.70 (0.066)	1.80 (0.076)	1.94 (0.116)	0.98 (0.052)	3.53 (0.122)
American Indian/ Alaska Native .....	26.66 (0.454)	4.42 (0.136)	4.15 (0.151)	3.60 (0.175)	3.00 (0.075)	1.27 (0.061)	0.52 (0.053)	0.17 (0.036)	1.04 (0.063)	1.55 (0.125)	2.45 (0.179)	2.45 (0.208)	1.70 (0.184)	4.24 (0.294)
<b>2009 graduates .....</b>	<b>27.15 (0.100)</b>	<b>4.37 (0.013)</b>	<b>4.19 (0.027)</b>	<b>3.91 (0.017)</b>	<b>3.47 (0.022)</b>	<b>1.35 (0.014)</b>	<b>0.78 (0.011)</b>	<b>0.42 (0.013)</b>	<b>0.92 (0.017)</b>	<b>2.21 (0.027)</b>	<b>2.12 (0.036)</b>	<b>2.47 (0.059)</b>	<b>1.11 (0.030)</b>	<b>3.86 (0.059)</b>
Sex														
Male .....	26.98 (0.111)	4.30 (0.015)	4.13 (0.028)	3.88 (0.018)	3.46 (0.027)	1.27 (0.014)	0.74 (0.012)	0.48 (0.017)	0.96 (0.017)	2.01 (0.028)	1.76 (0.034)	2.77 (0.068)	1.13 (0.036)	4.18 (0.070)
Female .....	27.31 (0.095)	4.42 (0.014)	4.25 (0.027)	3.93 (0.018)	3.49 (0.020)	1.43 (0.015)	0.82 (0.011)	0.37 (0.012)	0.88 (0.019)	2.40 (0.028)	2.46 (0.046)	2.19 (0.055)	1.10 (0.028)	3.57 (0.060)
Race/ethnicity														
White .....	27.30 (0.151)	4.32 (0.016)	4.23 (0.037)	3.91 (0.021)	3.55 (0.026)	1.37 (0.015)	0.80 (0.013)	0.44 (0.016)	0.94 (0.022)	2.19 (0.032)	2.26 (0.042)	2.55 (0.071)	1.16 (0.040)	3.70 (0.075)
Black .....	27.42 (0.141)	4.56 (0.039)	4.26 (0.036)	4.02 (0.035)	3.31 (0.027)	1.33 (0.025)	0.68 (0.022)	0.30 (0.019)	1.00 (0.028)	1.87 (0.044)	1.87 (0.067)	2.72 (0.127)	1.21 (0.052)	4.29 (0.102)
Hispanic .....	26.47 (0.194)	4.43 (0.024)	4.04 (0.040)	3.70 (0.029)	3.13 (0.028)	1.24 (0.019)	0.70 (0.015)	0.32 (0.015)	0.87 (0.024)	2.34 (0.034)	1.85 (0.046)	2.31 (0.101)	1.04 (0.040)	4.26 (0.095)
Asian/Pacific Islander....	26.94 (0.190)	4.19 (0.039)	4.13 (0.083)	4.16 (0.052)	4.06 (0.091)	1.56 (0.077)	1.08 (0.035)	0.75 (0.033)	0.68 (0.063)	2.98 (0.090)	1.99 (0.065)	1.63 (0.074)	0.62 (0.054)	3.47 (0.100)
American Indian/ Alaska Native .....	26.17 (0.409)	4.39 (0.085)	4.11 (0.083)	3.76 (0.125)	3.20 (0.070)	1.38 (0.062)	0.50 (0.051)	0.24 (0.046)	1.09 (0.066)	1.56 (0.097)	2.19 (0.157)	2.35 (0.188)	1.20 (0.117)	4.54 (0.370)

—Not available.

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Includes occupational education in agriculture; business and marketing; communications and design; computer and information sciences; construction and architecture; engineering technologies; health sciences; manufacturing; repair and transportation; and personal, public, and legal services. Does not include general labor market preparation courses and family and consumer sciences education courses.

<sup>3</sup>Includes general labor market preparation courses and family and consumer sciences education courses.

<sup>4</sup>Includes general skills, personal health and physical education, religion, military sciences, special education, and other courses not included in other academic subject fields. Some personal-use courses are also included in the Career/technical (occupational) education column and the Labor market, family, and consumer education column.

<sup>4</sup>Includes all science credits earned outside of biology, chemistry, and physics.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores (HS&B-So:80/82), "High School Transcript Study"; and 1987, 1990, 1994, 1998, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2011.)

**Table 178. Average number of Carnegie units earned by public high school graduates in career/technical education courses in various occupational fields, by sex and race/ethnicity, and percentage distribution of students, by units earned: Selected years, 2000 through 2009**

[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total, all occupational education courses <sup>1</sup>	Agriculture	Business and marketing	Communications and design	Computer and information sciences	Construction and architecture	Engineering technologies	Health sciences	Manufacturing	Repair and transportation	Personal, public, and legal services
1	2	3	4	5	6	7	8	9	10	11	12
<b>2000 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.86 (0.105)</b>	<b>0.25 (0.029)</b>	<b>0.82 (0.041)</b>	<b>0.30 (0.016)</b>	<b>0.27 (0.021)</b>	<b>0.14 (0.018)</b>	<b>0.20 (0.020)</b>	<b>0.15 (0.019)</b>	<b>0.24 (0.021)</b>	<b>0.18 (0.015)</b>	<b>0.32 (0.018)</b>
Units earned, by sex											
Male	3.24 (0.133)	0.34 (0.041)	0.71 (0.043)	0.28 (0.018)	0.33 (0.026)	0.25 (0.035)	0.34 (0.034)	0.07 (0.013)	0.40 (0.035)	0.33 (0.028)	0.18 (0.015)
Female	2.48 (0.086)	0.16 (0.022)	0.91 (0.042)	0.32 (0.017)	0.21 (0.020)	0.02 (0.003)	0.06 (0.008)	0.22 (0.026)	0.10 (0.011)	0.03 (0.004)	0.46 (0.027)
Units earned, by race/ethnicity											
White	2.97 (0.136)	0.31 (0.038)	0.79 (0.049)	0.31 (0.019)	0.26 (0.023)	0.16 (0.027)	0.22 (0.025)	0.13 (0.019)	0.27 (0.027)	0.20 (0.021)	0.31 (0.020)
Black	2.74 (0.143)	0.11 (0.027)	0.98 (0.068)	0.29 (0.026)	0.24 (0.024)	0.08 (0.017)	0.15 (0.029)	0.17 (0.022)	0.17 (0.023)	0.11 (0.016)	0.44 (0.050)
Hispanic	2.64 (0.152)	0.13 (0.020)	0.86 (0.083)	0.29 (0.024)	0.26 (0.021)	0.09 (0.018)	0.14 (0.019)	0.24 ! (0.100)	0.17 (0.027)	0.15 (0.017)	0.31 (0.029)
Asian/Pacific Islander	1.99 (0.149)	0.06 (0.014)	0.54 (0.065)	0.25 (0.035)	0.45 (0.098)	0.02 ! (0.007)	0.17 (0.033)	0.15 (0.037)	0.12 (0.030)	0.07 (0.018)	0.16 (0.022)
American Indian/Alaska Native	3.23 (0.380)	0.37 ! (0.131)	0.80 (0.088)	0.24 (0.050)	0.32 (0.072)	0.08 ! (0.029)	0.20 ! (0.067)	0.11 (0.030)	0.49 ! (0.160)	‡ (t)	0.41 (0.121)
<b>Percentage distribution of students, by units earned</b>											
0 units	11.1 (0.79)	88.3 (0.86)	49.0 (1.83)	74.5 (1.29)	75.7 (1.61)	93.1 (0.51)	85.8 (1.10)	89.4 (1.28)	83.6 (0.98)	90.7 (0.61)	74.5 (1.34)
More than 0, but less than 1	7.9 (0.57)	2.3 (0.37)	12.1 (1.18)	8.9 (0.72)	8.7 (1.22)	1.8 (0.26)	3.4 (0.44)	5.6 (1.22)	5.4 (0.53)	2.7 (0.43)	11.8 (1.01)
At least 1, but less than 2	22.1 (0.77)	4.5 (0.37)	22.7 (0.91)	12.1 (0.72)	11.9 (0.94)	3.0 (0.33)	7.5 (0.67)	2.3 (0.32)	7.0 (0.61)	3.5 (0.38)	8.6 (0.64)
At least 2, but less than 3	17.0 (0.56)	1.7 (0.18)	8.1 (0.50)	3.0 (0.25)	2.5 (0.39)	0.7 (0.11)	2.1 (0.23)	0.8 (0.13)	2.1 (0.27)	0.9 (0.11)	2.5 (0.29)
3 or more units	41.8 (1.53)	3.3 (0.44)	8.1 (0.63)	1.6 (0.20)	1.1 (0.20)	1.4 (0.21)	1.3 (0.18)	1.9 (0.39)	1.9 (0.26)	2.1 (0.21)	2.6 (0.22)
4 or more units	28.9 (1.48)	2.1 (0.37)	4.0 (0.47)	0.8 (0.13)	0.6 (0.15)	1.0 (0.20)	0.6 (0.13)	1.1 ! (0.37)	1.2 (0.20)	1.4 (0.18)	1.5 (0.19)
<b>2005 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.64 (0.045)</b>	<b>0.23 (0.013)</b>	<b>0.64 (0.020)</b>	<b>0.36 (0.012)</b>	<b>0.24 (0.011)</b>	<b>0.12 (0.007)</b>	<b>0.15 (0.008)</b>	<b>0.16 (0.010)</b>	<b>0.21 (0.011)</b>	<b>0.18 (0.011)</b>	<b>0.35 (0.013)</b>
Units earned, by sex											
Male	3.01 (0.050)	0.32 (0.020)	0.62 (0.022)	0.34 (0.014)	0.33 (0.015)	0.21 (0.014)	0.26 (0.014)	0.07 (0.007)	0.33 (0.019)	0.33 (0.019)	0.20 (0.011)
Female	2.29 (0.049)	0.15 (0.011)	0.66 (0.023)	0.38 (0.014)	0.15 (0.010)	0.03 (0.003)	0.05 (0.005)	0.25 (0.016)	0.10 (0.008)	0.03 (0.005)	0.49 (0.018)
Units earned, by race/ethnicity											
White	2.75 (0.059)	0.28 (0.017)	0.63 (0.024)	0.39 (0.015)	0.24 (0.013)	0.13 (0.010)	0.17 (0.010)	0.15 (0.012)	0.25 (0.015)	0.19 (0.014)	0.33 (0.015)
Black	2.58 (0.074)	0.10 (0.018)	0.80 (0.041)	0.28 (0.019)	0.23 (0.021)	0.11 (0.012)	0.11 (0.015)	0.25 (0.023)	0.11 (0.013)	0.13 (0.023)	0.45 (0.030)
Hispanic	2.41 (0.086)	0.14 (0.019)	0.63 (0.033)	0.30 (0.016)	0.21 (0.015)	0.10 (0.014)	0.12 (0.019)	0.16 (0.019)	0.17 (0.022)	0.19 (0.020)	0.39 (0.030)
Asian/Pacific Islander	1.94 (0.116)	0.06 ! (0.019)	0.49 (0.045)	0.32 (0.040)	0.36 (0.032)	0.04 (0.010)	0.13 (0.021)	0.10 (0.022)	0.13 (0.024)	0.09 (0.018)	0.21 (0.020)
American Indian/Alaska Native	2.45 (0.208)	0.46 (0.127)	0.46 (0.080)	0.33 (0.056)	0.24 ! (0.076)	0.09 ! (0.038)	0.02 ! (0.009)	0.10 (0.029)	0.24 (0.055)	0.21 ! (0.069)	0.31 (0.057)
<b>Percentage distribution of students, by units earned</b>											
0 units	13.0 (0.45)	88.4 (0.54)	55.8 (1.05)	69.8 (0.79)	80.5 (0.91)	93.3 (0.33)	88.2 (0.53)	90.4 (0.67)	83.6 (0.82)	91.2 (0.38)	74.9 (0.85)
More than 0, but less than 1	8.2 (0.35)	2.0 (0.20)	11.5 (0.62)	10.6 (0.50)	6.3 (0.36)	1.6 (0.17)	3.7 (0.34)	3.3 (0.52)	6.2 (0.48)	2.6 (0.26)	9.7 (0.61)
At least 1, but less than 2	22.0 (0.41)	4.8 (0.28)	20.7 (0.65)	14.2 (0.59)	9.5 (0.62)	2.9 (0.20)	5.7 (0.28)	2.9 (0.21)	6.4 (0.35)	2.8 (0.17)	9.6 (0.47)
At least 2, but less than 3	17.3 (0.34)	1.8 (0.12)	6.5 (0.29)	3.4 (0.16)	2.3 (0.19)	0.9 (0.11)	1.4 (0.12)	1.1 (0.11)	2.0 (0.18)	1.1 (0.12)	2.7 (0.20)
3 or more units	39.5 (0.76)	3.0 (0.21)	5.4 (0.32)	2.1 (0.17)	1.4 (0.12)	1.2 (0.12)	1.0 (0.13)	2.2 (0.19)	1.8 (0.16)	2.3 (0.20)	3.0 (0.20)
4 or more units	26.5 (0.67)	1.9 (0.16)	2.7 (0.20)	0.9 (0.09)	0.6 (0.09)	0.8 (0.09)	0.5 (0.08)	1.1 (0.13)	0.8 (0.11)	1.5 (0.16)	1.7 (0.15)
<b>2009 graduates</b>											
<b>Average units earned, all students<sup>2</sup></b>	<b>2.47 (0.059)</b>	<b>0.20 (0.013)</b>	<b>0.51 (0.017)</b>	<b>0.36 (0.011)</b>	<b>0.23 (0.010)</b>	<b>0.11 (0.009)</b>	<b>0.14 (0.008)</b>	<b>0.20 (0.015)</b>	<b>0.17 (0.010)</b>	<b>0.17 (0.015)</b>	<b>0.37 (0.020)</b>
Units earned, by sex											
Male	2.77 (0.068)	0.27 (0.020)	0.52 (0.020)	0.35 (0.012)	0.31 (0.013)	0.20 (0.015)	0.24 (0.013)	0.09 (0.010)	0.26 (0.017)	0.32 (0.027)	0.22 (0.013)
Female	2.19 (0.055)	0.14 (0.009)	0.50 (0.018)	0.38 (0.013)	0.16 (0.009)	0.03 (0.004)	0.05 (0.005)	0.31 (0.021)	0.09 (0.007)	0.03 (0.005)	0.51 (0.028)
Units earned, by race/ethnicity											
White	2.55 (0.071)	0.27 (0.020)	0.50 (0.022)	0.38 (0.013)	0.22 (0.011)	0.13 (0.011)	0.16 (0.010)	0.16 (0.013)	0.20 (0.014)	0.17 (0.012)	0.35 (0.020)
Black	2.72 (0.127)	0.09 (0.010)	0.69 (0.035)	0.34 (0.026)	0.26 (0.026)	0.10 (0.021)	0.10 (0.015)	0.31 (0.044)	0.12 (0.015)	0.19 ! (0.056)	0.52 (0.037)
Hispanic	2.31 (0.101)	0.14 (0.018)	0.43 (0.027)	0.34 (0.015)	0.23 (0.025)	0.08 (0.011)	0.10 (0.009)	0.24 (0.031)	0.13 (0.013)	0.20 (0.026)	0.43 (0.044)
Asian/Pacific Islander	1.63 (0.074)	0.03 (0.009)	0.42 (0.054)	0.26 (0.026)	0.27 (0.024)	0.04 (0.009)	0.13 (0.034)	0.20 (0.048)	0.08 (0.012)	0.07 (0.015)	0.14 (0.020)
American Indian/Alaska Native	2.35 (0.188)	0.17 ! (0.069)	0.43 (0.065)	0.44 (0.065)	0.24 ! (0.079)	‡ (t)	0.07 ! (0.028)	0.12 ! (0.050)	0.30 (0.071)	0.19 ! (0.068)	0.26 (0.057)

See notes at end of table.

**Table 178. Average number of Carnegie units earned by public high school graduates in career/technical education courses in various occupational fields, by sex and race/ethnicity, and percentage distribution of students, by units earned: Selected years, 2000 through 2009—Continued**

[Standard errors appear in parentheses]

Graduation year, sex, and race/ethnicity	Total, all occupational education courses <sup>1</sup>	Agriculture	Business and marketing	Communications and design	Computer and information sciences	Construction and architecture	Engineering technologies	Health sciences	Manufacturing	Repair and transportation	Personal, public, and legal services
1	2	3	4	5	6	7	8	9	10	11	12
<b>Percentage distribution of students, by units earned</b>											
0 units.....	15.0 (0.61)	89.3 (0.58)	63.4 (1.04)	70.2 (0.91)	78.5 (0.89)	93.3 (0.43)	88.8 (0.62)	89.6 (0.64)	87.1 (0.52)	92.0 (0.43)	74.6 (0.73)
More than 0, but less than 1.....	8.7 (0.33)	2.1 (0.26)	10.1 (0.51)	10.2 (0.55)	8.3 (0.64)	1.7 (0.18)	2.8 (0.24)	2.3 (0.28)	4.5 (0.30)	2.0 (0.21)	9.2 (0.40)
At least 1, but less than 2.....	23.0 (0.59)	4.3 (0.32)	17.0 (0.60)	13.8 (0.53)	10.1 (0.50)	2.9 (0.23)	6.1 (0.51)	4.1 (0.44)	5.6 (0.31)	2.8 (0.20)	10.2 (0.45)
At least 2, but less than 3.....	17.0 (0.33)	1.7 (0.15)	5.4 (0.35)	3.6 (0.20)	2.1 (0.16)	1.0 (0.17)	1.3 (0.12)	1.4 (0.13)	1.6 (0.12)	1.1 (0.10)	2.9 (0.22)
3 or more units.....	36.2 (1.02)	2.7 (0.24)	4.1 (0.23)	2.2 (0.13)	1.1 (0.14)	1.1 (0.11)	0.9 (0.09)	2.6 (0.25)	1.3 (0.15)	2.1 (0.24)	3.2 (0.24)
4 or more units.....	23.8 (0.89)	1.6 (0.15)	1.8 (0.16)	1.0 (0.07)	0.4 (0.07)	0.7 (0.08)	0.4 (0.05)	1.7 (0.19)	0.6 (0.09)	1.5 (0.21)	1.9 (0.19)

†Not applicable.

‡Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

§Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes Carnegie units earned in all occupational education courses. This table does not include general labor market preparation courses and family and consumer sciences education courses.

<sup>2</sup>Total includes other racial/ethnic groups not separately shown.

NOTE: The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. Data may differ from figures appearing in other NCES reports because of differences in course taxonomies and/or inclusion criteria. The analysis was restricted to graduates who attained either a standard or honors diploma and whose transcripts reflected a total of 16 or more Carnegie credits, with credits in English making up some part of the total. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2011.)

**Table 179. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by sex and race/ethnicity: Selected years, 1982 through 2009**  
[Standard errors appear in parentheses]

Course (Carnegie units)	1982	1990	1994	1998	2000	2005	Total	2009						
								Sex		Race/ethnicity				
								Male	Female	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native
	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Mathematics<sup>1</sup></b>														
Any mathematics ( $\geq 1.0$ ) .....	98.5 (0.21)	99.6 (0.07)	99.5 (0.07)	99.9 (0.05)	99.8 (0.05)	99.9 (0.02)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Algebra I ( $\geq 1.0$ ) <sup>2</sup> .....	55.2 (1.01)	64.5 (1.55)	66.9 (1.33)	63.4 (1.44)	66.5 (1.75)	68.4 (0.99)	68.9 (0.94)	68.5 (0.98)	69.3 (1.01)	67.0 (1.09)	77.2 (1.26)	75.4 (1.60)	53.3 (3.52)	74.8 (5.85)
Geometry ( $\geq 1.0$ ) .....	47.1 (0.99)	64.1 (1.33)	70.6 (1.25)	75.3 (1.06)	78.3 (1.08)	83.8 (0.63)	88.3 (0.53)	86.6 (0.75)	89.9 (0.54)	88.8 (0.73)	88.4 (1.07)	87.0 (0.96)	86.1 (1.47)	81.6 (4.09)
Algebra II ( $\geq 0.5$ ) <sup>3</sup> .....	39.9 (0.93)	48.8 (1.39)	61.5 (1.38)	61.7 (1.77)	67.6 (1.43)	70.3 (1.01)	75.5 (0.92)	73.5 (1.09)	77.6 (0.91)	77.1 (1.09)	70.5 (1.68)	71.1 (1.83)	82.8 (2.57)	66.3 (4.12)
Trigonometry ( $\geq 0.5$ ) .....	8.1 (0.54)	18.2 (1.28)	11.8 (1.16)	8.9 (1.06)	7.9 (1.33)	8.4 (0.88)	6.1 (0.77)	5.8 (0.78)	6.4 (0.81)	7.1 (1.01)	3.2 (0.55)	3.6 (0.69)	8.5 (1.96)	6.5 (1.84)
Analysis/precalculus ( $\geq 0.5$ ) .....	6.2 (0.46)	13.4 (0.95)	17.4 (0.87)	23.2 (1.44)	26.6 (1.40)	29.4 (0.98)	35.3 (0.84)	33.8 (1.02)	36.6 (0.89)	37.9 (0.98)	22.7 (1.29)	26.5 (1.36)	60.5 (2.88)	18.5 (2.98)
Statistics/probability ( $\geq 0.5$ ) .....	1.0 (0.16)	1.0 (0.21)	2.0 (0.33)	3.7 (0.54)	5.7 (0.85)	7.7 (0.53)	10.8 (0.49)	10.7 (0.51)	10.9 (0.58)	11.6 (0.64)	7.9 (1.04)	7.5 (0.77)	17.6 (1.69)	5.9 † (2.07)
Calculus ( $\geq 1.0$ ) .....	5.0 (0.43)	6.5 (0.46)	9.4 (0.56)	11.0 (0.85)	11.6 (0.72)	13.6 (0.53)	15.9 (0.66)	16.1 (0.75)	15.7 (0.69)	17.5 (0.69)	6.1 (0.59)	8.6 (0.64)	42.2 (3.11)	6.3 (1.60)
AP/honors calculus ( $\geq 1.0$ ) <sup>4</sup> .....	1.6 (0.26)	4.2 (0.44)	7.0 (0.54)	6.8 (0.49)	7.8 (0.58)	9.2 (0.44)	11.0 (0.55)	11.3 (0.65)	10.7 (0.54)	11.5 (0.52)	4.0 (0.37)	6.3 (0.46)	34.8 (2.77)	4.9 (1.44)
<b>Science<sup>1</sup></b>														
Any science ( $\geq 1.0$ ) .....	96.4 (0.39)	99.4 (0.13)	99.5 (0.09)	99.5 (0.10)	99.4 (0.12)	99.7 (0.05)	99.9 (0.02)	99.8 (0.04)	99.9 (0.02)	99.9 (0.03)	99.9 (0.04)	99.8 (0.06)	100.0 (†)	100.0 (†)
Biology ( $\geq 1.0$ ) .....	77.4 (0.87)	91.3 (0.98)	93.7 (0.98)	92.9 (0.68)	91.1 (1.01)	92.5 (0.60)	95.6 (0.40)	94.9 (0.45)	96.2 (0.43)	95.6 (0.51)	96.3 (0.56)	94.8 (0.67)	95.8 (0.95)	94.5 (1.64)
AP/honors biology ( $\geq 1.0$ ) <sup>4</sup> .....	10.0 (0.64)	5.0 (0.76)	12.0 (0.93)	16.3 (1.32)	16.3 (1.45)	16.0 (0.83)	22.4 (0.78)	19.7 (0.76)	25.0 (0.89)	24.2 (0.88)	14.1 (0.80)	16.1 (0.88)	39.7 (3.58)	15.4 (3.38)
Chemistry ( $\geq 1.0$ ) .....	32.1 (0.84)	49.2 (1.22)	56.1 (1.01)	60.5 (1.29)	61.8 (1.48)	66.4 (0.94)	70.4 (0.75)	67.4 (0.95)	73.4 (0.76)	71.5 (0.87)	65.3 (1.80)	65.7 (1.41)	84.8 (1.72)	44.5 (4.78)
AP/honors chemistry ( $\geq 1.0$ ) <sup>4</sup> .....	3.0 (0.33)	3.5 (0.47)	3.9 (0.53)	4.8 (0.50)	5.7 (0.84)	7.6 (0.53)	5.9 (0.43)	6.1 (0.52)	5.8 (0.39)	6.5 (0.47)	2.5 (0.46)	2.6 (0.35)	17.0 (2.36)	3.4 † (1.39)
Physics ( $\geq 1.0$ ) .....	15.0 (0.62)	21.3 (0.84)	24.8 (0.86)	28.8 (1.49)	31.3 (1.16)	32.9 (0.91)	36.1 (1.01)	39.2 (1.29)	33.0 (0.92)	37.6 (1.24)	26.9 (1.72)	28.6 (1.33)	61.1 (2.35)	19.8 (3.89)
AP/honors physics ( $\geq 1.0$ ) <sup>4</sup> .....	1.2 (0.17)	2.0 (0.38)	2.7 (0.34)	3.0 (0.37)	3.9 (0.60)	5.3 (0.33)	5.7 (0.46)	7.7 (0.63)	3.7 (0.38)	6.1 (0.54)	2.5 (0.39)	3.4 (0.39)	15.1 (2.51)	† (†)
Engineering ( $\geq 1.0$ ) .....	1.2 (0.21)	0.1 (0.04)	4.5 (0.80)	6.7 (1.76)	4.1 (0.98)	4.8 (0.56)	8.2 (0.93)	9.0 (1.02)	7.4 (0.93)	8.2 (1.18)	10.1 (1.75)	7.1 (1.06)	6.4 (1.17)	9.0 † (3.15)
Astronomy ( $\geq 0.5$ ) .....	1.2 (0.24)	1.2 (0.31)	1.7 (0.50)	1.9 (0.46)	2.8 (0.59)	2.8 (0.37)	3.3 (0.40)	3.9 (0.51)	2.7 (0.33)	4.0 (0.57)	1.8 (0.38)	2.0 (0.36)	1.9 (0.43)	5.3 † (2.51)
Geology/earth science ( $\geq 0.5$ ) .....	13.6 (1.04)	25.3 (2.47)	23.1 (2.44)	20.9 (2.35)	18.5 (1.92)	24.7 (1.43)	27.7 (1.70)	28.9 (1.88)	26.5 (1.66)	28.2 (2.04)	30.1 (2.57)	27.1 (2.15)	19.1 (2.38)	26.0 (5.25)
Biology and chemistry ( $\geq 2.0$ ) <sup>5</sup> .....	29.3 (0.83)	47.8 (1.23)	53.8 (1.18)	59.1 (1.22)	59.2 (1.50)	64.3 (0.97)	68.3 (0.77)	65.0 (0.91)	71.4 (0.84)	68.9 (0.93)	64.3 (1.74)	64.2 (1.45)	82.7 (1.93)	43.9 (4.77)
Biology, chemistry, and physics ( $\geq 3.0$ ) <sup>5</sup> .....	11.2 (0.51)	18.7 (0.71)	21.4 (0.83)	25.6 (1.34)	25.0 (1.10)	27.4 (0.89)	30.1 (0.87)	31.9 (1.08)	28.3 (0.85)	31.4 (1.04)	21.9 (1.48)	22.7 (1.19)	54.4 (2.77)	13.6 (2.87)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>For each course category, percentages include only students who earned at least the number of credits shown in parentheses.

<sup>2</sup>Excludes prealgebra.

<sup>3</sup>Includes courses where trigonometry or geometry has been combined with algebra II.

<sup>4</sup>For 2000 and later years, includes International Baccalaureate (IB) courses in addition to Advanced Placement (AP) and honors courses.

<sup>5</sup>Percentages include only students who earned at least one credit in each of the indicated courses.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the student graduated with either a standard or honors diploma, (2) the student's transcript contained 16 or more Carnegie units, and (3) the student's transcript contained more than 0 Carnegie units in English courses. The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course (0.5 = one semester; 1.0 = one academic year). Data differ slightly from figures appearing in other National Center for Education Statistics reports because of differences in taxonomies and case exclusion criteria. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores (HS&B-So:80/82), "High School Transcript Study"; and 1990, 1994, 1998, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared October 2012.)



**Table 180. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009**

[Standard errors appear in parentheses]

Year and student or school characteristic	Mathematics						Science															
	Algebra I <sup>1,2</sup>		Geometry <sup>1</sup>		Algebra II/ trigonometry <sup>3</sup>		Analysis/ precalculus <sup>3</sup>		Statistics/ probability <sup>3</sup>		Calculus <sup>1</sup>		Biology <sup>1</sup>		Chemistry <sup>1</sup>		Physics <sup>1</sup>		Biology and chemistry <sup>4</sup>		Biology, chemistry, and physics <sup>5</sup>	
1	2		3		4		5		6		7		8		9		10		11		12	
1990																						
Total <sup>6</sup> .....	64.5	(1.55)	64.1	(1.33)	53.6	(1.32)	13.4	(0.95)	1.0	(0.21)	6.5	(0.46)	91.3	(0.98)	49.2	(1.22)	21.3	(0.84)	47.8	(1.23)	18.7	(0.71)
Sex																						
Male.....	62.0	(1.57)	63.0	(1.57)	51.8	(1.44)	14.1	(1.14)	1.2	(0.27)	7.6	(0.64)	90.0	(1.09)	48.1	(1.40)	25.1	(0.95)	46.6	(1.40)	21.8	(0.82)
Female.....	66.7	(1.69)	65.0	(1.31)	55.2	(1.45)	12.8	(0.94)	0.8	(0.20)	5.6	(0.37)	92.5	(0.94)	50.2	(1.29)	17.7	(0.87)	48.9	(1.30)	16.0	(0.76)
Race/ethnicity																						
White.....	64.6	(1.83)	66.4	(1.43)	56.9	(1.53)	14.9	(1.04)	1.0	(0.22)	6.9	(0.53)	91.5	(1.06)	51.8	(1.33)	22.8	(0.91)	50.5	(1.35)	20.5	(0.82)
Black.....	65.1	(2.42)	56.3	(2.77)	43.9	(2.77)	6.2	(0.96)	1.1	(0.44)	2.8	(0.55)	91.3	(2.19)	40.3	(2.19)	14.5	(1.85)	39.5	(2.24)	12.0	(1.23)
Hispanic.....	64.8	(2.75)	54.1	(2.89)	39.9	(2.80)	7.1	(0.82)	†	(†)	3.8	(0.67)	90.2	(1.40)	38.3	(2.90)	12.7	(1.33)	36.4	(2.70)	10.0	(1.21)
Asian/Pacific Islander.....	63.5	(3.01)	71.5	(2.90)	69.3	(5.51)	25.2	(6.54)	†	(†)	18.4	(3.23)	90.2	(2.73)	63.5	(4.01)	38.0	(3.36)	60.0	(3.45)	33.4	(2.56)
American Indian/Alaska Native.....	61.7	(8.40)	55.7	(2.85)	53.9	(4.80)	†	(†)	†	(†)	†	(†)	90.5	(4.37)	35.5	(4.50)	†	(†)	34.2	(4.46)	†	(†)
Student with disabilities (SD) status																						
SD <sup>7</sup> .....	20.6	(3.09)	11.8	(2.42)	8.3	(2.04)	†	(†)	†	(†)	†	(†)	65.0	(4.73)	7.7	(1.53)	†	(†)	†	(†)	†	(†)
Non-SD.....	65.4	(1.59)	65.1	(1.32)	54.5	(1.35)	13.6	(0.97)	1.0	(0.21)	6.7	(0.47)	91.8	(0.92)	50.0	(1.24)	21.6	(0.84)	48.6	(1.23)	19.1	(0.71)
English language learner (ELL) status																						
ELL.....	57.7	(5.79)	42.2	(6.30)	37.1	(6.64)	†	(†)	†	(†)	†	(†)	70.5	(4.66)	†	(†)	†	(†)	†	(†)	†	(†)
Non-ELL.....	64.5	(1.56)	64.2	(1.34)	53.7	(1.34)	13.4	(0.95)	1.0	(0.21)	6.6	(0.47)	91.4	(0.98)	49.3	(1.23)	21.3	(0.84)	48.0	(1.23)	18.8	(0.71)
School type																						
Traditional public.....	62.9	(1.66)	61.9	(1.41)	51.4	(1.32)	12.2	(1.11)	0.8	(0.20)	6.2	(0.48)	90.7	(1.08)	47.4	(1.32)	20.2	(0.86)	46.0	(1.33)	17.8	(0.71)
Public charter.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Private.....	79.9	(2.22)	85.5	(1.98)	75.5	(3.55)	25.3	(3.44)	2.6	(1.03)	9.7	(1.33)	97.2	(0.55)	66.7	(2.71)	31.4	(2.30)	65.2	(2.67)	28.2	(2.07)
Percentage of students eligible for free or reduced-price lunch																						
0–25 percent.....	64.9	(2.16)	67.4	(1.67)	57.8	(2.05)	15.3	(1.38)	1.1	(0.31)	7.5	(0.70)	92.4	(1.09)	54.0	(1.60)	22.8	(1.27)	52.8	(1.59)	21.0	(1.12)
26–50 percent.....	60.6	(3.97)	45.4	(2.90)	44.6	(2.74)	5.5	(1.43)	†	(†)	3.8	(0.89)	88.8	(4.60)	36.5	(3.08)	15.3	(2.08)	35.5	(3.33)	12.8	(1.71)
51–75 percent.....	74.2	(7.31)	56.0	(14.72)	40.1	(5.12)	5.6	(1.54)	#	(†)	†	(†)	93.6	(2.87)	33.5	(4.28)	12.7	(3.12)	33.0	(4.42)	11.7	(2.83)
76–100 percent.....	96.0	(4.01)	89.4	(0.92)	78.7	(2.96)	†	(†)	#	(†)	#	(†)	99.0	(0.99)	†	(†)	†	(†)	†	(†)	†	(†)
2000																						
Total <sup>6</sup> .....	66.5	(1.75)	78.3	(1.08)	68.3	(1.45)	26.6	(1.40)	5.7	(0.85)	11.6	(0.72)	91.1	(1.01)	61.8	(1.48)	31.3	(1.16)	59.2	(1.50)	25.0	(1.10)
Sex																						
Male.....	65.0	(1.72)	74.8	(1.31)	65.2	(1.46)	25.3	(1.39)	5.8	(0.97)	12.1	(0.79)	88.9	(1.32)	57.7	(1.42)	34.1	(1.29)	54.3	(1.49)	26.3	(1.23)
Female.....	68.0	(1.87)	81.4	(1.01)	71.1	(1.69)	27.8	(1.61)	5.6	(0.85)	11.1	(0.77)	93.2	(0.82)	65.5	(1.75)	28.9	(1.22)	63.6	(1.76)	23.9	(1.14)
Race/ethnicity																						
White.....	65.1	(2.08)	79.2	(1.21)	69.6	(1.57)	28.1	(1.74)	6.1	(1.00)	12.5	(0.77)	91.7	(1.15)	62.9	(1.66)	32.3	(1.34)	60.1	(1.72)	25.6	(1.20)
Black.....	70.1	(3.20)	77.8	(1.93)	64.7	(2.32)	16.1	(1.52)	3.7	(1.24)	4.6	(0.55)	92.4	(1.09)	59.5	(2.38)	25.1	(1.97)	57.8	(2.31)	20.0	(1.76)
Hispanic.....	73.2	(2.43)	72.6	(3.30)	60.0	(5.06)	19.3	(2.95)	2.3	(0.52)	5.6	(0.86)	87.8	(2.69)	52.0	(4.13)	23.1	(2.32)	50.3	(4.30)	17.7	(2.19)
Asian/Pacific Islander.....	58.1	(3.28)	81.3	(2.03)	81.3	(2.00)	48.7	(2.79)	11.4	(2.44)	30.4	(5.02)	87.8	(3.20)	75.1	(2.89)	53.8	(2.80)	70.6	(3.03)	47.0	(2.70)
American Indian/Alaska Native.....	68.7	(5.80)	65.0	(6.18)	60.3	(5.51)	†	(†)	†	(†)	†	(†)	88.4	(2.88)	43.6	(4.03)	†	(†)	39.4	(3.81)	†	(†)
Student with disabilities (SD) status																						
SD <sup>7</sup> .....	45.2	(2.96)	36.1	(2.90)	22.9	(2.88)	6.7	(2.23)	†	(†)	†	(†)	72.0	(2.71)	21.2	(2.88)	13.6	(2.63)	19.9	(2.84)	7.9	(2.45)
Non-SD.....	67.3	(1.77)	79.9	(1.08)	70.1	(1.46)	27.4	(1.43)	5.9	(0.87)	11.9	(0.74)	91.9	(1.02)	63.4	(1.47)	32.0	(1.18)	60.7	(1.51)	25.7	(1.11)
English language learner (ELL) status																						
ELL.....	62.3	(5.71)	57.8	(4.11)	45.8	(4.82)	15.0	(2.20)	†	(†)	†	(†)	73.4	(7.02)	34.9	(4.50)	20.8	(4.16)	31.3	(4.97)	11.2	(2.53)
Non-ELL.....	66.5	(1.75)	78.5	(1.07)	68.6	(1.44)	26.7	(1.41)	5.7	(0.86)	11.6	(0.73)	91.3	(0.98)	62.1	(1.47)	31.4	(1.18)	59.5	(1.50)	25.2	(1.11)
School type																						
Traditional public.....	65.3	(1.76)	77.0	(1.20)	67.1	(1.57)	24.1	(1.43)	5.5	(0.85)	10.9	(0.71)	90.5	(1.11)	59.5	(1.42)	30.0	(1.22)	56.8	(1.44)	23.5	(1.10)
Public charter.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)
Private.....	79.1	(3.29)	92.3	(2.52)	81.9	(6.49)	53.8	(5.88)	7.8	(3.33)	18.2	(3.99)	98.2	(0.53)	86.6	(3.88)	45.1	(7.62)	85.4	(3.87)	41.5	(7.38)
Percentage of students eligible for free or reduced-price lunch																						
0–25 percent.....	66.8	(2.64)	80.3	(1.47)	68.1	(2.36)	29.6	(2.41)	6.5	(1.53)	13.4	(1.32)	91.4	(1.53)	65.2	(2.51)	34.5	(2.05)	61.9	(2.59)	28.6	(1.83)
26–50 percent.....	64.8	(3.65)	72.5	(2.90)	67.2	(1.86)	19.1	(2.12)	3.5	(1.00)	8.8	(1.09)	93.4	(1.49)	56.0	(2.10)	26.3	(2.50)	55.0	(2.15)	19.1	(1.19)
51–75 percent.....	72.7	(3.97)	77.5	(3.48)	66.7	(5.53)	18.0	(2.97)	3.4	(1.62)	4.8	(1.11)	90.8	(3.02)	58.9	(3.11)	22.5	(1.75)	57.4	(3.47)	17.5	(1.85)
76–100 percent.....	81.7	(3.87)	83.1	(5.61)	68.1	(9.69)	23.9	(4.40)	†	(†)	5.4	(1.05)	91.4	(5.08)	60.8	(9.48)	35.0	(6.03)	59.5	(9.38)	26.1	(5.80)

See notes at end of table.

**Table 180. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009—Continued**

[Standard errors appear in parentheses]

	Mathematics						Science					
Year and student or school characteristic	Algebra I <sup>1,2</sup>	Geometry <sup>1</sup>	Algebra II/ trigonometry <sup>3</sup>	Analysis/ precalculus <sup>3</sup>	Statistics/ probability <sup>3</sup>	Calculus <sup>1</sup>	Biology <sup>1</sup>	Chemistry <sup>1</sup>	Physics <sup>1</sup>	Biology and chemistry <sup>4</sup>	Biology, chemistry, and physics <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	
2005												
Total <sup>6</sup> .....	68.4 (0.99)	83.8 (0.63)	71.3 (0.97)	29.4 (0.98)	7.7 (0.53)	13.6 (0.53)	92.5 (0.60)	66.4 (0.94)	32.9 (0.91)	64.3 (0.97)	27.4 (0.89)	
Sex												
Male.....	66.8 (1.04)	81.9 (0.70)	68.0 (1.09)	28.0 (1.02)	7.7 (0.57)	14.0 (0.62)	91.0 (0.68)	62.7 (1.08)	34.9 (0.90)	60.3 (1.08)	28.2 (0.86)	
Female.....	69.8 (1.06)	85.6 (0.66)	74.4 (0.98)	30.8 (1.05)	7.8 (0.55)	13.2 (0.58)	93.9 (0.58)	70.0 (0.99)	31.0 (1.09)	68.0 (1.03)	26.5 (1.10)	
Race/ethnicity												
White.....	66.8 (1.17)	83.9 (0.79)	72.4 (1.17)	32.0 (1.18)	8.5 (0.65)	15.3 (0.61)	92.8 (0.67)	67.4 (1.06)	34.8 (0.87)	65.3 (1.10)	29.0 (0.85)	
Black.....	75.4 (1.60)	85.0 (1.04)	69.3 (1.63)	17.9 (1.61)	5.8 (0.83)	5.5 (0.53)	93.7 (0.60)	63.6 (1.61)	25.8 (2.31)	62.0 (1.60)	21.3 (2.25)	
Hispanic.....	70.2 (1.79)	81.0 (1.16)	63.1 (1.55)	20.4 (1.42)	3.4 (0.48)	6.4 (0.63)	89.2 (1.22)	59.3 (2.09)	23.4 (1.66)	57.2 (2.28)	18.8 (1.63)	
Asian/Pacific Islander.....	65.4 (2.71)	87.1 (1.29)	79.5 (2.94)	48.8 (2.84)	12.9 (1.21)	30.0 (1.63)	92.4 (1.83)	79.7 (1.60)	50.3 (2.35)	75.5 (2.16)	42.9 (2.49)	
American Indian/Alaska Native.....	70.1 (4.82)	73.8 (3.36)	67.2 (3.54)	15.8 (3.07)	† (†)	† (†)	91.5 (1.92)	48.9 (4.70)	18.1 (3.82)	47.6 (4.69)	† (†)	
Student with disabilities (SD) status												
SD <sup>7</sup> .....	49.5 (2.05)	47.8 (1.83)	27.9 (1.67)	6.0 (0.71)	2.2 (0.46)	2.0 (0.54)	71.6 (1.58)	26.6 (1.88)	13.2 (1.27)	24.8 (1.75)	6.6 (0.74)	
Non-SD.....	69.9 (1.04)	87.0 (0.68)	75.2 (0.98)	31.6 (1.07)	8.3 (0.56)	14.7 (0.56)	94.4 (0.57)	69.9 (0.92)	34.5 (0.94)	67.8 (0.96)	29.0 (0.93)	
English language learner (ELL) status												
ELL.....	63.7 (2.75)	70.1 (2.10)	48.0 (2.97)	13.8 (1.85)	3.9 (0.88)	6.1 (1.79)	81.4 (1.96)	46.1 (2.61)	20.2 (2.40)	43.0 (2.85)	13.8 (2.02)	
Non-ELL.....	68.4 (1.00)	84.3 (0.67)	72.0 (1.00)	30.0 (1.02)	7.9 (0.54)	13.8 (0.54)	92.9 (0.62)	67.0 (0.97)	33.2 (0.93)	64.9 (1.01)	27.6 (0.91)	
School type												
Traditional public.....	67.6 (1.09)	83.0 (0.71)	69.3 (1.07)	27.6 (0.92)	7.7 (0.55)	12.5 (0.53)	92.1 (0.59)	64.2 (0.87)	30.6 (0.94)	62.0 (0.85)	24.8 (0.86)	
Public charter.....	84.5 (5.72)	78.1 (7.06)	69.3 (11.47)	† (†)	† (†)	† (†)	91.6 (2.47)	72.2 (11.52)	36.7 ! (13.63)	67.0 (10.91)	33.9 ! (13.67)	
Private.....	74.4 (3.27)	91.2 (1.41)	89.6 (1.88)	45.3 (3.93)	8.3 (1.84)	23.9 (2.45)	96.1 (2.31)	86.8 (2.79)	53.8 (2.46)	85.1 (3.10)	49.9 (2.72)	
Percentage of students eligible for free or reduced-price lunch												
0–25 percent.....	65.4 (1.85)	82.2 (1.41)	70.9 (1.73)	34.0 (1.64)	10.2 (0.97)	15.7 (0.92)	92.8 (1.01)	68.4 (1.34)	35.3 (1.40)	65.9 (1.39)	28.7 (1.32)	
26–50 percent.....	69.5 (1.93)	84.2 (1.04)	69.8 (1.37)	23.4 (1.30)	6.7 (0.93)	10.8 (0.58)	93.0 (0.97)	61.0 (1.60)	26.9 (1.44)	59.1 (1.72)	21.8 (1.42)	
51–75 percent.....	74.3 (2.78)	82.2 (1.99)	66.3 (2.80)	19.2 (2.26)	3.3 (0.91)	6.9 (0.86)	86.7 (2.05)	57.0 (2.80)	20.9 (2.38)	54.1 (2.90)	16.1 (2.06)	
76–100 percent.....	75.1 (3.73)	88.2 (1.61)	69.4 (3.05)	18.2 (2.90)	2.8 ! (0.87)	4.9 (0.90)	90.2 (3.04)	67.6 (3.04)	21.2 (3.16)	64.1 (3.60)	17.8 (2.80)	
2009												
Total <sup>6</sup> .....	68.9 (0.94)	88.3 (0.53)	75.8 (0.92)	35.3 (0.84)	10.8 (0.49)	15.9 (0.66)	95.6 (0.40)	70.4 (0.75)	36.1 (1.01)	68.3 (0.77)	30.1 (0.87)	
Sex												
Male.....	68.5 (0.98)	86.6 (0.75)	73.8 (1.09)	33.8 (1.02)	10.7 (0.51)	16.1 (0.75)	94.9 (0.45)	67.4 (0.95)	39.2 (1.29)	65.0 (0.91)	31.9 (1.08)	
Female.....	69.3 (1.01)	89.9 (0.54)	77.8 (0.91)	36.6 (0.89)	10.9 (0.58)	15.7 (0.69)	96.2 (0.43)	73.4 (0.76)	33.0 (0.92)	71.4 (0.84)	28.3 (0.85)	
Race/ethnicity												
White.....	67.0 (1.09)	88.8 (0.73)	77.4 (1.08)	37.9 (0.98)	11.6 (0.64)	17.5 (0.69)	95.6 (0.51)	71.5 (0.87)	37.6 (1.24)	68.9 (0.93)	31.4 (1.04)	
Black.....	77.2 (1.26)	88.4 (1.07)	70.6 (1.69)	22.7 (1.29)	7.9 (1.04)	6.1 (0.59)	96.3 (0.56)	65.3 (1.80)	26.9 (1.72)	64.3 (1.74)	21.9 (1.48)	
Hispanic.....	75.4 (1.60)	87.0 (0.96)	71.4 (1.81)	26.5 (1.36)	7.5 (0.77)	8.6 (0.64)	94.8 (0.67)	65.7 (1.41)	28.6 (1.33)	64.2 (1.45)	22.7 (1.19)	
Asian/Pacific Islander.....	53.3 (3.52)	86.1 (1.47)	83.0 (2.59)	60.5 (2.88)	17.6 (1.69)	42.2 (3.11)	95.8 (0.95)	84.8 (1.72)	61.1 (2.35)	82.7 (1.93)	54.4 (2.77)	
American Indian/Alaska Native.....	74.8 (5.85)	81.6 (4.09)	66.6 (4.12)	18.5 (2.98)	† (†)	† (†)	94.5 (1.64)	44.5 (4.78)	19.8 (3.89)	43.9 (4.77)	13.6 (2.87)	
Student with disabilities (SD) status												
SD <sup>7</sup> .....	56.0 (1.63)	61.1 (1.82)	39.5 (1.67)	9.7 (1.26)	3.9 (0.57)	3.0 (0.55)	82.4 (1.30)	35.4 (1.69)	19.3 (1.67)	33.8 (1.67)	12.0 (1.51)	
Non-SD.....	70.1 (0.97)	90.7 (0.53)	79.1 (0.93)	37.6 (0.90)	11.4 (0.53)	17.1 (0.71)	96.8 (0.41)	73.6 (0.75)	37.6 (1.06)	71.4 (0.79)	31.7 (0.94)	
English language learner (ELL) status												
ELL.....	73.3 (2.33)	76.2 (1.99)	58.1 (2.54)	19.4 (2.36)	4.4 (1.03)	4.7 (0.87)	86.9 (2.12)	47.4 (2.99)	23.2 (2.41)	43.8 (3.03)	15.4 (2.02)	
Non-ELL.....	68.8 (0.95)	88.5 (0.54)	76.2 (0.93)	35.6 (0.86)	10.9 (0.50)	16.2 (0.67)	95.7 (0.41)	70.9 (0.77)	36.3 (1.02)	68.7 (0.79)	30.3 (0.89)	
School type												
Traditional public.....	68.2 (0.99)	88.1 (0.53)	74.9 (0.96)	34.0 (0.97)	10.7 (0.51)	15.4 (0.73)	95.3 (0.44)	68.9 (0.75)	34.6 (1.03)	66.9 (0.78)	28.8 (0.83)	
Public charter.....	79.0 (4.21)	86.9 (3.57)	77.8 (6.64)	34.1 (9.95)	† (†)	† (†)	94.0 (1.92)	56.8 (11.13)	40.0 (7.36)	55.7 (10.77)	23.2 ! (7.52)	
Private.....	74.7 (2.95)	90.0 (3.98)	84.6 (4.01)	47.5 (3.76)	12.5 (1.86)	23.3 (2.05)	98.6 (0.28)	87.4 (1.87)	49.5 (3.73)	83.3 (2.67)	43.9 (3.77)	
Percentage of students eligible for free or reduced-price lunch												
0–25 percent.....	61.3 (1.72)	89.7 (0.82)	80.1 (1.75)	43.1 (1.88)	14.8 (1.03)	22.6 (1.37)	96.4 (1.03)	76.3 (1.58)	46.5 (2.02)	74.9 (1.70)	40.4 (2.07)	
26–50 percent.....	70.9 (1.82)	88.4 (0.87)	74.7 (1.38)	29.7 (1.44)	8.6 (0.80)	11.8 (0.76)	94.5 (0.98)	64.0 (1.52)	27.6 (1.79)	61.6 (1.59)	22.2 (1.54)	
51–75 percent.....	75.8 (1.85)	87.4 (1.45)	69.3 (3.35)	25.4 (1.52)	7.5 (1.14)	9.8 (1.05)	95.6 (0.72)	65.6 (2.03)	29.4 (2.56)	64.2 (1.97)	22.7 (2.12)	
76–100 percent.....	80.1 (3.75)	88.8 (2.26)	70.7 (4.02)	25.5 (2.80)	5.1 (1.08)	7.5 (1.34)	95.6 (1.42)	69.4 (3.68)	26.6 (3.07)	68.2 (3.69)	22.8 (2.97)	

See notes at end of table.

**Table 180. Percentage of public and private high school graduates taking selected mathematics and science courses in high school, by selected student and school characteristics: Selected years, 1990 through 2009—Continued**

[Standard errors appear in parentheses]

Year and student or school characteristic	Mathematics						Science				
	Algebra I <sup>1,2</sup>	Geometry <sup>1</sup>	Algebra II/ trigonometry <sup>3</sup>	Analysis/ precalculus <sup>3</sup>	Statistics/ probability <sup>3</sup>	Calculus <sup>1</sup>	Biology <sup>1</sup>	Chemistry <sup>1</sup>	Physics <sup>1</sup>	Biology and chemistry <sup>4</sup>	Biology, chemistry, and physics <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11	12
School locale											
City.....	72.5 (1.85)	89.1 (0.91)	74.9 (2.06)	36.7 (1.98)	10.6 (0.91)	15.5 (1.42)	96.4 (0.53)	74.0 (1.59)	38.8 (1.99)	70.8 (1.97)	31.6 (1.97)
Suburban .....	62.8 (1.62)	89.4 (1.27)	78.7 (1.79)	39.0 (1.71)	13.1 (0.97)	19.5 (1.12)	97.1 (0.30)	76.7 (1.14)	43.8 (1.42)	75.4 (1.04)	38.6 (1.21)
Town .....	76.9 (2.25)	86.4 (1.08)	71.4 (3.00)	30.1 (2.40)	8.4 (1.25)	10.7 (1.02)	92.2 (2.23)	62.3 (1.84)	24.0 (2.45)	60.4 (1.87)	18.9 (1.94)
Rural .....	70.2 (2.19)	86.3 (0.95)	74.5 (1.38)	30.0 (1.35)	8.6 (1.12)	13.5 (0.87)	93.7 (1.66)	59.6 (1.82)	26.0 (1.95)	57.2 (1.77)	19.7 (1.41)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate)

<sup>1</sup>Percentages are for students who earned at least one Carnegie credit.

<sup>2</sup>Excludes prealgebra.

<sup>3</sup>Percentages are for students who earned at least one-half of a Carnegie credit in a course that includes a focus on at least one of the listed content areas.

<sup>4</sup>Percentages are for students who earned at least one Carnegie credit each in biology and chemistry.

<sup>5</sup>Percentages are for students who earned at least one Carnegie credit each in biology, chemistry, and physics.

<sup>6</sup>Includes other racial/ethnic groups not shown separately, as well as students for whom information on race/ethnicity or sex was missing.

<sup>7</sup>SD data include both students with an Individualized Education Plan (IEP) and students with a plan under Section 504 of the Rehabilitation Act (a "504 plan"). IEPs are only for students who require specialized instruction, whereas 504 plans apply to students who require accommodations but may not require specialized instruction.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate received either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained more than 0 Carnegie credits in English courses. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1990, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared September 2012.)

**Table 181. Percentage of public and private high school graduates earning minimum credits in selected combinations of academic courses, by sex and race/ethnicity: Selected years, 1982 through 2009**

[Standard errors appear in parentheses]

Year of graduation and course combination taken <sup>1</sup>	All students <sup>2</sup>	Sex		Race/ethnicity					Asian/Pacific Islander	American Indian/ Alaska Native
		Male	Female	White	Black	Hispanic				
1	2	3	4	5	6	7	8	9		
<b>1982 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	9.5 (0.57)	9.1 (0.70)	9.9 (0.71)	10.9 (0.69)	5.2 (1.02)	3.9 (0.57)	17.0 (2.49)	‡	(†)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	14.3 (0.66)	15.2 (0.86)	13.4 (0.79)	15.9 (0.79)	11.0 (1.39)	6.7 (0.79)	21.1 (2.65)	8.1 !	(3.02)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	31.5 (1.07)	31.7 (1.26)	31.3 (1.22)	32.4 (1.21)	30.8 (2.32)	25.6 (1.76)	32.0 (3.40)	23.6	(5.39)	
<b>1987 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	18.1 (0.91)	18.0 (1.13)	18.3 (1.01)	19.0 (1.10)	12.7 (1.15)	10.8 (1.70)	35.7 (4.49)	4.9	(1.40)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	24.8 (1.03)	25.9 (1.27)	23.7 (1.07)	26.1 (1.21)	19.6 (1.99)	14.5 (1.69)	39.8 (4.51)	24.3	(3.69)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	48.1 (1.74)	48.0 (2.22)	48.4 (1.56)	48.1 (2.15)	48.3 (2.63)	43.9 (1.92)	57.9 (4.82)	61.8	(5.56)	
<b>1990 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	29.9 (1.26)	28.8 (1.38)	31.0 (1.36)	31.7 (1.46)	22.9 (2.27)	25.4 (2.41)	42.6 (2.95)	9.9 !	(3.70)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	38.2 (1.50)	38.5 (1.69)	37.9 (1.54)	39.2 (1.63)	39.0 (3.57)	29.8 (2.51)	47.4 (3.04)	19.2	(4.70)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	65.5 (1.96)	64.3 (2.09)	66.4 (1.98)	64.9 (2.28)	71.3 (3.00)	63.7 (3.01)	69.1 (3.90)	46.3	(6.39)	
<b>1994 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	39.0 (1.12)	35.0 (1.11)	42.7 (1.33)	41.6 (1.32)	29.6 (1.52)	35.6 (2.94)	50.1 (2.39)	22.5	(4.31)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	49.3 (1.45)	47.0 (1.45)	51.5 (1.58)	52.4 (1.67)	43.7 (2.39)	40.3 (3.25)	54.9 (2.46)	46.0	(3.30)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	73.9 (1.50)	71.2 (1.63)	76.4 (1.46)	75.1 (1.69)	74.5 (2.32)	74.7 (2.61)	72.3 (3.62)	76.3	(3.60)	
<b>1998 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	44.2 (1.92)	40.5 (2.19)	48.2 (2.05)	46.2 (2.16)	40.0 (3.41)	32.0 (2.94)	57.8 (4.51)	28.3	(4.53)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	55.0 (2.44)	52.9 (2.64)	57.8 (2.48)	56.8 (2.69)	55.6 (4.39)	40.0 (3.28)	66.1 (5.69)	40.0	(4.73)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	74.5 (2.18)	72.8 (2.34)	77.0 (2.14)	74.7 (2.64)	76.0 (3.21)	70.1 (2.57)	79.5 (4.76)	76.4	(5.21)	
<b>2000 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	47.8 (1.53)	41.5 (1.68)	53.4 (1.65)	48.9 (1.60)	45.6 (2.27)	40.3 (5.47)	58.2 (3.48)	26.8	(3.63)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	58.6 (1.64)	54.4 (1.70)	62.3 (1.75)	59.2 (1.74)	64.1 (2.51)	48.3 (5.74)	62.7 (3.44)	42.5	(5.84)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	78.2 (1.60)	74.9 (1.88)	81.2 (1.43)	78.3 (1.85)	82.5 (2.26)	75.4 (3.16)	75.0 (3.27)	72.6	(4.48)	
<b>2005 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	54.7 (0.96)	49.0 (1.14)	60.1 (0.94)	55.5 (1.19)	54.3 (1.87)	46.3 (2.08)	66.7 (2.10)	38.1	(3.37)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	67.4 (1.02)	63.5 (1.22)	71.0 (0.94)	68.5 (1.29)	72.3 (1.76)	53.5 (2.20)	72.2 (2.05)	60.9	(3.40)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	83.0 (1.02)	80.3 (1.19)	85.4 (0.94)	82.1 (1.34)	89.7 (0.91)	79.6 (1.38)	85.0 (1.68)	81.0	(3.10)	
<b>2009 graduates</b>										
4 Eng, 3 SS, 3 Sci, 3 Math, and 2 FL <sup>3</sup> ..	61.8 (0.84)	57.4 (1.06)	66.0 (0.82)	62.4 (0.94)	58.4 (1.71)	58.4 (1.65)	73.1 (2.28)	43.0	(3.44)	
4 Eng, 3 SS, 3 Sci, 3 Math.....	74.3 (0.81)	72.1 (0.96)	76.4 (0.77)	75.0 (1.04)	78.1 (1.20)	67.2 (1.49)	76.9 (2.08)	64.7	(4.23)	
4 Eng, 3 SS, 2 Sci, 2 Math.....	87.7 (0.74)	86.2 (0.82)	89.1 (0.73)	86.8 (0.97)	92.0 (0.63)	88.0 (0.87)	86.1 (1.52)	86.6	(2.99)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Eng = English; SS = social studies; Sci = science; and FL = foreign language.

<sup>2</sup>Totals include other racial/ethnic groups not separately shown.

<sup>3</sup>In 1983, the National Commission on Excellence in Education recommended that all college-bound high school students take these courses plus 0.5 credits of computer science as a minimum.

NOTE: Data differ slightly from figures appearing in other NCES reports because of differences in taxonomies and case exclusion criteria. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond Longitudinal Study of 1980 Sophomores (HS&B-So:80/82), "High School Transcript Study"; and 1987, 1990, 1994, 1998, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared October 2011.)

**Table 182. Number and percentage of public high school graduates taking dual credit, Advanced Placement (AP), and International Baccalaureate (IB) courses in high school and average credits earned, by selected student and school characteristics: 2000, 2005, and 2009**

[Standard errors appear in parentheses]

Year and student or school characteristic	Number of graduates who earned credits in dual credit, AP, or IB courses				Percentage of graduates who earned credits in dual credit, AP, or IB courses				Average total credits <sup>2</sup> in dual credit, AP, and IB courses per graduate taking such courses	
	Total	Dual credit courses <sup>1</sup>	AP courses	IB courses	Total	Dual credit courses <sup>1</sup>	AP courses	IB courses		
1	2	3	4	5	6	7	8	9	10	
<b>2000, all public high school graduates</b>	<b>747,000 (42,700)</b>	<b>— (t)</b>	<b>728,000 (39,200)</b>	<b>35,000 ! (15,100)</b>	<b>27.6 (1.59)</b>	<b>— (t)</b>	<b>26.9 (1.48)</b>	<b>1.3 ! (0.56)</b>	<b>0.60 (0.048)</b>	
Sex										
Male .....	325,000 (20,800)	— (t)	317,000 (19,700)	16,000 ! (7,200)	24.7 (1.60)	— (t)	24.1 (1.51)	1.2 ! (0.55)	0.55 (0.049)	
Female .....	422,000 (23,700)	— (t)	410,000 (21,300)	19,000 ! (8,100)	30.4 (1.70)	— (t)	29.5 (1.55)	1.4 ! (0.58)	0.66 (0.050)	
Race/ethnicity										
White .....	513,000 (31,200)	— (t)	499,000 (27,000)	± (t)	27.7 (1.70)	— (t)	26.9 (1.50)	1.4 ! (0.69)	0.61 (0.050)	
Black .....	69,000 (7,300)	— (t)	68,000 (7,400)	2,000 ! (1,000)	19.0 (2.08)	— (t)	18.7 (2.09)	0.5 ! (0.26)	0.36 (0.048)	
Hispanic .....	96,000 (13,500)	— (t)	96,000 (13,500)	1,000 ! (600)	28.9 (3.89)	— (t)	28.7 (3.89)	0.4 ! (0.17)	0.51 (0.074)	
Asian/Pacific Islander .....	62,000 (6,700)	— (t)	60,000 (6,400)	± (t)	50.6 (3.32)	— (t)	48.6 (3.29)	4.6 ! (2.28)	1.61 (0.216)	
American Indian/Alaska Native .....	4,000 (1,000)	— (t)	4,000 (1,000)	± (t)	17.4 (3.02)	— (t)	17.4 (3.02)	± (t)	0.21 (0.036)	
School enrollment size										
Less than 500 .....	47,000 (11,100)	— (t)	47,000 (11,100)	± (t)	13.2 (3.35)	— (t)	13.1 (3.35)	± (t)	0.19 ! (0.060)	
500 to 1,499 .....	313,000 (36,100)	— (t)	308,000 (35,700)	± (t)	26.5 (2.17)	— (t)	26.1 (2.15)	± (t)	0.53 (0.062)	
1,500 or more .....	386,000 (44,500)	— (t)	373,000 (43,200)	± (t)	33.0 (2.22)	— (t)	31.8 (2.24)	2.3 ! (1.16)	0.80 (0.081)	
Region										
Northeast .....	102,000 (12,900)	— (t)	102,000 (12,700)	± (t)	23.6 (3.43)	— (t)	23.5 (3.39)	± (t)	0.42 (0.070)	
Midwest .....	164,000 (24,200)	— (t)	152,000 (18,000)	± (t)	23.8 (3.55)	— (t)	22.0 (2.73)	± (t)	0.49 (0.107)	
South .....	296,000 (34,400)	— (t)	294,000 (34,300)	± (t)	29.8 (2.60)	— (t)	29.6 (2.60)	± (t)	0.73 (0.085)	
West .....	184,000 (15,700)	— (t)	180,000 (15,400)	± (t)	31.2 (2.33)	— (t)	30.5 (2.28)	± (t)	0.65 (0.055)	
Percent of students eligible for free or reduced-price lunch										
0 to 25 percent .....	386,000 (36,700)	— (t)	374,000 (36,100)	± (t)	28.4 (1.89)	— (t)	27.6 (1.84)	± (t)	0.65 (0.066)	
26 to 50 percent .....	140,000 (23,500)	— (t)	139,000 (23,300)	± (t)	24.5 (2.88)	— (t)	24.2 (2.88)	± (t)	0.49 (0.065)	
More than 50 percent .....	93,000 (21,700)	— (t)	93,000 (21,700)	± (t)	26.5 (4.51)	— (t)	26.4 (4.51)	± (t)	0.50 (0.086)	
School did not participate or data missing .....	128,000 (23,700)	— (t)	122,000 (22,400)	± (t)	29.7 (4.41)	— (t)	28.4 (4.20)	± (t)	0.70 (0.154)	
<b>2005, all public high school graduates</b>	<b>842,000 (23,800)</b>	<b>216,000 (14,900)</b>	<b>695,000 (20,700)</b>	<b>44,000 (12,600)</b>	<b>34.9 (0.79)</b>	<b>8.9 (0.60)</b>	<b>28.8 (0.68)</b>	<b>1.8 (0.53)</b>	<b>1.04 (0.043)</b>	
Sex										
Male .....	367,000 (12,100)	98,000 (7,600)	294,000 (10,200)	21,000 ! (6,400)	31.2 (0.83)	8.4 (0.63)	25.0 (0.70)	1.8 ! (0.55)	0.94 (0.046)	
Female .....	475,000 (14,100)	117,000 (8,000)	401,000 (12,500)	22,000 (6,500)	38.3 (0.89)	9.5 (0.64)	32.3 (0.78)	1.8 (0.53)	1.13 (0.045)	
Race/ethnicity										
White .....	603,000 (20,900)	165,000 (12,500)	490,000 (18,700)	30,000 ! (9,900)	36.7 (0.95)	10.0 (0.73)	29.8 (0.86)	1.8 ! (0.60)	1.08 (0.047)	
Black .....	72,000 (4,700)	16,000 (2,600)	60,000 (4,300)	5,000 (1,100)	21.8 (1.09)	4.7 (0.80)	18.3 (0.97)	1.4 (0.34)	0.55 (0.044)	
Hispanic .....	100,000 (6,400)	23,000 (3,300)	84,000 (5,800)	4,000 ! (1,300)	33.8 (1.43)	7.7 (1.10)	28.5 (1.29)	1.3 ! (0.45)	0.93 (0.073)	
Asian/Pacific Islander .....	56,000 (5,100)	10,000 (1,400)	51,000 (4,800)	4,000 ! (2,000)	52.0 (2.37)	9.2 (1.25)	47.2 (2.25)	3.9 ! (1.79)	2.12 (0.174)	
American Indian/Alaska Native .....	5,000 (900)	1,000 ! (400)	4,000 (800)	± (t)	22.3 (3.83)	5.6 ! (2.00)	17.4 (3.45)	± (t)	0.51 (0.131)	
Combined Black and Hispanic enrollment in school										
Less than 5 percent .....	231,000 (19,200)	60,000 (9,500)	189,000 (17,100)	± (t)	31.4 (1.62)	8.2 (1.20)	25.7 (1.49)	± (t)	0.77 (0.061)	
5 to 50 percent .....	452,000 (23,400)	126,000 (12,400)	363,000 (18,800)	31,000 ! (11,100)	38.1 (1.29)	10.6 (1.04)	30.6 (0.91)	2.6 ! (0.94)	1.22 (0.075)	
More than 50 percent .....	152,000 (11,400)	24,000 (4,800)	138,000 (10,600)	10,000 ! (3,200)	31.8 (1.30)	5.1 (0.94)	28.9 (1.23)	2.1 ! (0.68)	0.96 (0.069)	
School enrollment size										
Less than 500 .....	65,000 (8,900)	36,000 (7,300)	41,000 (6,200)	± (t)	25.6 (2.73)	14.1 (2.66)	16.2 (1.89)	± (t)	0.83 (0.230)	
500 to 1,499 .....	309,000 (21,200)	78,000 (9,200)	252,000 (17,500)	19,000 ! (8,000)	33.6 (1.30)	8.5 (0.93)	27.4 (1.13)	2.1 ! (0.83)	1.00 (0.077)	
1,500 or more .....	384,000 (25,200)	81,000 (12,100)	331,000 (21,600)	21,000 ! (9,400)	38.7 (1.38)	8.2 (1.14)	33.4 (1.14)	2.1 ! (0.95)	1.16 (0.061)	
Region										
Northeast .....	128,000 (9,600)	13,000 ! (4,900)	119,000 (8,300)	± (t)	26.6 (1.70)	2.7 ! (1.01)	24.6 (1.43)	± (t)	0.80 (0.079)	
Midwest .....	196,000 (10,500)	53,000 (7,100)	158,000 (10,700)	± (t)	34.7 (1.62)	9.4 (1.32)	27.9 (1.59)	± (t)	0.87 (0.062)	
South .....	300,000 (15,500)	92,000 (12,200)	241,000 (10,300)	24,000 ! (8,300)	36.7 (1.42)	11.3 (1.38)	29.5 (0.94)	2.9 ! (1.01)	1.20 (0.100)	
West .....	218,000 (15,100)	57,000 (10,300)	178,000 (10,500)	17,000 ! (8,000)	39.8 (1.98)	10.4 (1.72)	32.4 (1.43)	3.1 ! (1.45)	1.17 (0.089)	

See notes at end of table.

**Table 182. Number and percentage of public high school graduates taking dual credit, Advanced Placement (AP), and International Baccalaureate (IB) courses in high school and average credits earned, by selected student and school characteristics: 2000, 2005, and 2009—Continued**

[Standard errors appear in parentheses]

Year and student or school characteristic	Number of graduates who earned credits in dual credit, AP, or IB courses				Percentage of graduates who earned credits in dual credit, AP, or IB courses				Average total credits <sup>2</sup> in dual credit, AP, and IB courses per graduate taking such courses	
	Total	Dual credit courses <sup>1</sup>	AP courses	IB courses	Total	Dual credit courses <sup>1</sup>	AP courses	IB courses		
1	2	3	4	5	6	7	8	9	10	
Percent of students eligible for free or reduced-price lunch										
0 to 25 percent .....	410,000 (26,700)	102,000 (14,800)	344,000 (23,200)	22,000 ! (10,500)	39.3 (1.36)	9.8 (1.32)	32.9 (1.27)	2.1 ! (1.00)	1.24 (0.083)	
26 to 50 percent .....	223,000 (19,400)	67,000 (10,700)	174,000 (13,900)	13,000 ! (4,300)	32.0 (1.55)	9.6 (1.31)	24.9 (1.16)	1.9 ! (0.62)	0.91 (0.058)	
More than 50 percent .....	103,000 (10,100)	22,000 (4,900)	89,000 (8,700)	6,000 ! (2,500)	28.3 (1.83)	5.9 (1.32)	24.5 (1.46)	1.6 ! (0.69)	0.77 (0.066)	
School did not participate or data missing ..	105,000 (13,900)	25,000 (5,500)	88,000 (12,300)	‡ (†)	34.4 (2.39)	8.2 (1.72)	28.8 (2.04)	‡ (†)	0.94 (0.092)	
<b>2009, all public high school graduates .....</b>	<b>1,104,000 (36,400)</b>	<b>249,000 (20,700)</b>	<b>968,000 (33,900)</b>	<b>50,000 (10,500)</b>	<b>41.4 (1.00)</b>	<b>9.3 (0.76)</b>	<b>36.3 (0.94)</b>	<b>1.9 (0.40)</b>	<b>1.39 (0.051)</b>	
Sex										
Male .....	477,000 (17,900)	110,000 (10,800)	413,000 (16,200)	21,000 (4,900)	36.8 (1.05)	8.5 (0.80)	31.9 (0.98)	1.7 (0.38)	1.24 (0.057)	
Female .....	628,000 (20,100)	139,000 (10,700)	554,000 (19,100)	29,000 (5,800)	45.8 (1.07)	10.1 (0.78)	40.4 (1.01)	2.1 (0.43)	1.53 (0.049)	
Race/ethnicity										
White .....	702,000 (25,700)	160,000 (16,300)	617,000 (23,700)	29,000 (7,100)	42.5 (1.04)	9.7 (1.00)	37.3 (0.95)	1.8 (0.43)	1.41 (0.049)	
Black .....	106,000 (6,600)	25,000 (3,700)	86,000 (5,100)	7,000 (1,700)	27.3 (1.50)	6.4 (0.99)	22.2 (1.00)	1.7 (0.44)	0.75 (0.054)	
Hispanic .....	170,000 (9,300)	46,000 (5,900)	144,000 (7,800)	7,000 (2,000)	39.8 (1.45)	10.8 (1.18)	33.8 (1.30)	1.6 (0.47)	1.17 (0.059)	
Asian/Pacific Islander .....	115,000 (14,800)	15,000 (2,300)	111,000 (14,800)	7,000 (1,900)	69.1 (2.36)	9.2 (1.46)	66.3 (2.56)	4.1 ! (1.23)	3.25 (0.263)	
American Indian/Alaska Native .....	4,000 (900)	1,000 ! (400)	3,000 (900)	‡ (†)	25.0 (3.97)	7.0 ! (2.20)	20.3 (3.74)	‡ (†)	0.79 (0.187)	
Combined Black and Hispanic enrollment in school										
Less than 5 percent .....	239,000 (28,100)	45,000 (13,300)	209,000 (25,500)	‡ (†)	35.9 (2.27)	6.8 (1.92)	31.5 (2.13)	‡ (†)	1.01 (0.102)	
5 to 50 percent .....	601,000 (38,100)	132,000 (15,000)	533,000 (35,200)	32,000 (8,400)	45.4 (1.36)	10.0 (0.96)	40.3 (1.34)	2.5 (0.62)	1.64 (0.092)	
More than 50 percent .....	265,000 (17,900)	72,000 (10,800)	225,000 (15,900)	13,000 (3,600)	39.0 (1.55)	10.6 (1.47)	33.1 (1.34)	1.9 (0.52)	1.26 (0.063)	
School enrollment size										
Less than 500 .....	93,000 (12,500)	46,000 (9,400)	61,000 (9,000)	‡ (†)	28.2 (3.13)	13.9 (2.77)	18.3 (2.19)	‡ (†)	0.90 (0.199)	
500 to 1,499 .....	355,000 (28,300)	71,000 (11,500)	314,000 (27,900)	6,000 ! (2,100)	36.8 (1.50)	7.4 (1.11)	32.5 (1.73)	0.7 ! (0.21)	1.13 ! (0.100)	
1,500 or more .....	551,000 (32,800)	111,000 (16,200)	500,000 (30,600)	35,000 (8,600)	47.6 (1.24)	9.6 (1.40)	43.1 (1.14)	3.0 (0.70)	1.71 (0.066)	
School locale										
City .....	354,000 (27,500)	81,000 (10,200)	311,000 (24,300)	28,000 (8,100)	48.1 (2.03)	11.0 (1.26)	42.3 (1.78)	3.8 (1.05)	1.72 (0.105)	
Suburb .....	434,000 (26,300)	81,000 (14,800)	396,000 (25,300)	13,000 (3,200)	44.4 (1.52)	8.3 (1.51)	40.6 (1.51)	1.4 (0.33)	1.60 (0.102)	
Town .....	120,000 (14,800)	31,000 (6,900)	101,000 (13,700)	‡ (†)	35.8 (2.05)	9.4 (1.88)	30.3 (2.06)	‡ (†)	0.99 (0.073)	
Rural .....	197,000 (17,100)	56,000 (8,000)	159,000 (16,700)	‡ (†)	31.7 (2.02)	9.0 (1.47)	25.7 (1.77)	‡ (†)	0.89 (0.064)	
Region										
Northeast .....	220,000 (17,600)	46,000 (13,500)	198,000 (15,900)	5,000 ! (1,800)	40.9 (2.54)	8.5 (2.52)	37.0 (2.20)	0.9 ! (0.34)	1.28 ! (0.120)	
Midwest .....	224,000 (13,500)	40,000 (8,000)	194,000 (12,500)	‡ (†)	35.4 (2.00)	6.4 (1.30)	30.6 (1.86)	‡ (†)	0.98 (0.078)	
South .....	385,000 (17,100)	128,000 (12,400)	320,000 (16,800)	16,000 (4,500)	43.8 (1.24)	14.5 (1.37)	36.4 (1.30)	1.9 (0.53)	1.64 (0.084)	
West .....	275,000 (25,800)	35,000 (7,200)	255,000 (25,200)	17,000 ! (5,800)	44.7 (2.34)	5.7 (1.14)	41.4 (2.41)	2.8 ! (0.92)	1.54 ! (0.165)	
Percent of students eligible for free or reduced-price lunch										
0 to 25 percent .....	481,000 (39,800)	91,000 (16,000)	442,000 (37,100)	14,000 ! (6,400)	48.8 (1.83)	9.3 (1.56)	44.9 (1.72)	1.5 ! (0.63)	1.75 ! (0.108)	
26 to 50 percent .....	311,000 (24,700)	77,000 (11,900)	261,000 (21,600)	18,000 ! (5,700)	37.1 (1.41)	9.2 (1.25)	31.3 (1.40)	2.1 ! (0.69)	1.17 ! (0.058)	
More than 50 percent .....	193,000 (16,100)	51,000 (8,400)	160,000 (12,900)	16,000 ! (5,900)	34.4 (1.92)	9.1 (1.33)	28.6 (1.64)	2.8 ! (1.02)	1.05 ! (0.083)	
School did not participate or data missing ..	120,000 (17,500)	30,000 (7,600)	104,000 (16,000)	‡ (†)	42.1 (2.84)	10.4 (2.50)	36.5 (2.42)	‡ (†)	1.44 (0.214)	

—Not available.

‡Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Dual credit courses are those in which high school students can earn both high school and postsecondary credits for the same course. For 2009, includes some courses for which college credits were conditional upon the student meeting additional requirements. For example, one school offered a consumer economics course for which the student earned college credits only if the student later attended that college and took an advanced consumer economics course there. If the student did not attend that college and take the advanced course, then no college credits would be earned for the course (only high school credits would be earned). In 2009, such conditional college credit courses made up an unweighted 15 percent of the dual credit courses in the sample.

<sup>2</sup>Credits are shown in Carnegie units. The Carnegie unit is a standard unit of measurement that represents one credit for the completion of a 1-year course.

NOTE: For a transcript to be included in the analyses, it had to meet three requirements: (1) the graduate graduated with either a standard or honors diploma, (2) the graduate's transcript contained 16 or more Carnegie credits, and (3) the graduate's transcript contained more than 0 Carnegie credits in English courses. Race categories exclude persons of Hispanic ethnicity. Totals include other racial/ethnic groups not separately shown. Percentages are based on unrounded numbers. Each student is counted only once in each column, regardless of the number of courses taken. Students are counted only once in the total columns even if they earned credits in more than one category—e.g., a student may take both AP courses and dual credit courses, or a single course may fall into both the AP and the dual credit categories. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000, 2005, and 2009 High School Transcript Study (HSTS). (This table was prepared November 2012.)

**Table 183. Percentage of 9th-grade students participating in various school-sponsored and non-school-sponsored activities, by sex and race/ethnicity: 2009**

[Standard errors appear in parentheses]

Sex and race/ethnicity	School-sponsored activities			Non-school-sponsored activities							
	Math-related <sup>1</sup>	Science-related <sup>1</sup>	At least one of the math- or science-related activities	Music, dance, art, or theater	Organized sports	Religious youth group or instruction	Scouting or other group or club activity	Academic instruction <sup>2</sup>	Math or science camp	Another camp	At least one of the non-school-sponsored activities
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total .....</b>	<b>9.8 (0.39)</b>	<b>6.4 (0.36)</b>	<b>13.4 (0.50)</b>	<b>34.6 (0.91)</b>	<b>54.9 (0.81)</b>	<b>51.4 (0.93)</b>	<b>22.8 (0.64)</b>	<b>17.7 (0.62)</b>	<b>4.1 (0.31)</b>	<b>23.8 (0.76)</b>	<b>85.7 (0.60)</b>
<b>Sex</b>											
Male .....	8.9 (0.44)	6.3 (0.59)	12.6 (0.69)	27.9 (0.93)	59.8 (0.93)	49.5 (1.10)	21.6 (0.87)	17.5 (0.80)	4.1 (0.51)	23.2 (0.92)	86.1 (0.79)
Female .....	10.7 (0.55)	6.5 (0.45)	14.2 (0.67)	41.3 (1.20)	50.0 (1.10)	53.4 (1.12)	24.1 (0.88)	17.9 (0.80)	4.0 (0.40)	24.4 (0.91)	85.4 (0.75)
<b>Race/ethnicity</b>											
White .....	8.3 (0.35)	6.4 (0.43)	12.2 (0.46)	36.8 (0.78)	60.5 (0.87)	56.7 (1.04)	24.0 (0.83)	13.2 (0.65)	2.7 (0.26)	30.6 (0.92)	89.7 (0.47)
Black .....	12.5 (1.54)	5.4 (0.77)	15.3 (1.71)	33.8 (2.90)	49.1 (2.39)	52.3 (2.31)	26.3 (2.02)	32.8 (2.55)	7.4 (1.24)	14.8 (1.79)	84.9 (1.72)
Hispanic .....	10.5 (0.92)	5.5 (0.72)	13.4 (1.07)	27.5 (1.47)	46.9 (2.46)	39.1 (2.36)	16.6 (1.27)	18.6 (1.20)	3.6 (0.77)	14.5 (1.66)	76.9 (2.28)
Asian .....	17.3 (2.25)	13.0 (1.93)	22.3 (2.48)	44.4 (3.43)	38.5 (2.87)	38.8 (3.31)	25.8 (2.28)	31.1 (3.49)	15.0 (2.06)	16.2 (2.14)	82.1 (2.76)
Native Hawaiian/Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	9.1 ! (2.95)	† (†)	12.8 ! (3.87)	20.0 ! (6.56)	48.8 (6.60)	42.3 (6.00)	31.6 (6.00)	16.8 (4.36)	† (†)	19.1 ! (8.31)	78.9 (5.22)
Two or more races .....	10.5 (1.19)	7.6 (1.02)	14.2 (1.41)	36.4 (2.49)	55.8 (2.46)	53.6 (2.47)	24.9 (2.13)	15.4 (1.57)	3.4 (0.81)	21.2 (1.60)	86.8 (1.53)
<b>Race/ethnicity by sex</b>											
<b>Male</b>											
White .....	7.6 (0.45)	6.1 (0.61)	11.5 (0.73)	29.1 (0.95)	63.3 (1.06)	54.5 (1.19)	23.2 (1.12)	14.2 (0.93)	2.8 (0.36)	29.6 (1.22)	89.0 (0.61)
Black .....	12.2 (1.74)	5.8 (1.10)	15.4 (1.92)	27.4 (2.88)	58.2 (3.15)	49.0 (3.03)	21.0 (2.85)	31.1 (3.11)	7.5 (2.01)	14.6 (2.46)	87.3 (1.95)
Hispanic .....	9.2 (1.22)	5.5 (1.15)	12.1 (1.50)	22.4 (2.04)	54.4 (2.86)	37.1 (2.92)	15.3 (1.69)	16.9 (1.83)	2.9 ! (0.88)	13.1 (2.11)	78.4 (2.70)
Asian .....	18.4 (2.96)	11.5 (2.38)	22.8 (3.23)	36.9 (4.02)	42.9 (3.89)	32.8 (5.50)	26.1 (3.78)	31.0 (4.54)	18.4 (3.34)	20.3 (3.47)	78.9 (3.87)
Native Hawaiian/Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	10.9 ! (4.96)	† (†)	† (†)	18.8 ! (9.40)	49.9 (9.31)	38.2 (9.74)	31.3 (8.35)	† (†)	† (†)	† (†)	78.4 (6.67)
Two or more races .....	8.3 (1.37)	9.0 (1.85)	13.4 (2.04)	29.9 (2.96)	59.2 (3.78)	56.9 (3.48)	26.2 (2.99)	16.0 (2.30)	3.4 ! (1.22)	20.4 (2.28)	88.6 (1.82)
<b>Female</b>											
White .....	9.0 (0.56)	6.7 (0.61)	13.0 (0.71)	44.9 (1.16)	57.5 (1.13)	59.0 (1.17)	24.8 (1.04)	12.1 (0.76)	2.7 (0.34)	31.7 (1.08)	90.4 (0.62)
Black .....	12.8 (2.14)	5.0 (1.09)	15.2 (2.38)	39.0 (4.64)	41.8 (3.87)	55.0 (3.33)	30.5 (2.59)	34.2 (3.75)	7.3 (1.53)	14.9 (2.58)	83.0 (2.66)
Hispanic .....	11.9 (1.16)	5.5 (0.76)	14.6 (1.28)	32.9 (2.06)	39.0 (3.27)	41.1 (2.95)	17.9 (1.83)	20.3 (1.85)	4.4 (1.12)	16.0 (2.15)	75.4 (2.71)
Asian .....	16.1 (2.49)	14.6 (2.92)	21.8 (3.16)	51.8 (4.88)	34.2 (3.19)	44.8 (3.24)	25.6 (3.53)	31.2 (3.72)	11.7 (3.07)	12.2 (2.55)	85.3 (3.16)
Native Hawaiian/Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	21.4 ! (8.36)	47.4 (9.63)	47.0 (11.74)	32.0 (8.98)	† (†)	† (†)	† (†)	79.5 (8.44)
Two or more races .....	12.7 (1.71)	6.3 (1.00)	15.0 (1.73)	42.4 (3.39)	52.5 (4.18)	50.4 (3.62)	23.7 (2.95)	14.8 (2.05)	3.4 ! (1.19)	22.0 (2.24)	85.1 (2.47)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Students could indicate that they participated in clubs, competitions, camps, study groups, or tutoring programs.<sup>2</sup>Academic instruction outside of school such as from a Saturday academy, learning center, personal tutor, or summer school program.

NOTE: Data on school-sponsored activities are based on student responses and are weighted by W1STUDENT. Student reports about school-sponsored activities refer to the period "since the beginning of the last school year," which for most of these students was 8th grade, or the fall of 2008. Data on non-school-sponsored activities are based on parent responses and are weighted by W1PARENT. Parent reports about non-school-sponsored activities refer to the last 12 months. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009, Base-Year Public-Use Data File. (This table was prepared September 2012.)

**Table 184. Percentage of high school seniors who say they engage in various activities, by selected student and school characteristics: 1992 and 2004**

[Standard errors appear in parentheses]

Activity	Total	Sex		Race/ethnicity					Socioeconomic status <sup>1</sup>			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/Alaska Native	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>1992</b>														
At least once a week														
Use personal computer <sup>2</sup> .....	23.6 (0.52)	28.1 (0.76)	19.3 (0.64)	23.9 (0.58)	23.3 (1.71)	20.7 (1.49)	26.6 (1.90)	22.0 (3.88)	18.7 (1.10)	23.4 (0.73)	27.6 (0.91)	23.3 (0.50)	26.0 (2.58)	29.0 (3.04)
Work on hobbies .....	40.9 (0.62)	44.4 (0.85)	37.6 (0.86)	42.2 (0.71)	34.5 (1.99)	39.7 (1.71)	37.7 (2.16)	51.8 (4.20)	36.3 (1.29)	41.1 (0.84)	43.6 (1.14)	40.6 (0.59)	42.4 (2.69)	41.1 (2.60)
Perform community service .....	11.3 (0.48)	10.7 (0.80)	11.9 (0.52)	11.1 (0.60)	12.1 (1.26)	11.1 (1.03)	13.8 (1.58)	8.0 ! (2.56)	7.6 (0.61)	9.6 (0.46)	16.9 (1.22)	9.6 (0.37)	23.6 (2.50)	22.9 (2.63)
Driving or riding around .....	73.2 (0.59)	74.4 (0.84)	72.1 (0.75)	75.7 (0.64)	67.8 (2.15)	66.0 (1.82)	66.5 (2.05)	67.6 (4.40)	69.6 (1.26)	75.3 (0.75)	72.4 (1.13)	74.0 (0.55)	76.1 (2.41)	68.7 (2.91)
Visiting with friends at a local hangout.....	88.0 (0.45)	88.2 (0.62)	87.9 (0.62)	90.6 (0.41)	79.8 (2.02)	82.1 (1.27)	85.7 (1.46)	73.0 (4.89)	80.6 (1.05)	88.0 (0.66)	93.2 (0.57)	88.2 (0.39)	93.3 (1.23)	95.1 (0.78)
Talk on phone with friends .....	80.5 (0.56)	72.6 (0.88)	88.3 (0.64)	81.7 (0.62)	81.3 (2.01)	71.8 (1.60)	77.2 (1.82)	73.7 (6.12)	72.8 (1.13)	81.6 (0.71)	83.7 (1.10)	80.4 (0.54)	86.8 (1.84)	77.9 (2.77)
Take music, art, or dance class.....	10.2 (0.35)	7.9 (0.44)	12.4 (0.52)	10.0 (0.40)	9.6 (1.11)	9.9 (1.27)	14.1 (1.21)	10.7 ! (3.40)	7.2 (0.67)	8.9 (0.43)	14.2 (0.75)	9.7 (0.35)	12.4 (1.55)	14.9 (1.49)
Take sports lessons .....	7.3 (0.38)	9.7 (0.62)	5.0 (0.45)	7.0 (0.46)	7.5 (0.80)	8.0 (1.14)	9.3 (1.06)	10.0 ! (4.07)	5.5 (0.61)	6.6 (0.40)	9.5 (0.96)	6.5 (0.29)	9.2 (1.60)	7.3 (1.13)
Play nonschool sports.....	26.2 (0.62)	38.7 (0.91)	14.0 (0.70)	27.1 (0.73)	22.6 (1.79)	23.4 (1.55)	28.1 (2.13)	27.3 (4.25)	20.4 (1.01)	24.5 (0.73)	32.9 (1.29)	25.6 (0.56)	35.1 (2.71)	28.0 (3.00)
Reading 3 or more hours per week (not for school) .....	33.7 (0.56)	30.9 (0.78)	36.4 (0.78)	34.5 (0.64)	28.6 (1.81)	32.8 (1.75)	35.3 (2.03)	34.4 (3.90)	29.7 (1.10)	33.4 (0.77)	36.7 (1.01)	33.2 (0.59)	32.4 (2.35)	38.8 (2.51)
Plays video/computer games 3 or more hours per day on weekdays .....	2.0 (0.16)	3.2 (0.29)	0.8 (0.12)	1.8 (0.18)	3.3 (0.64)	2.1 (0.43)	2.7 ! (0.88)	2.5 ! (1.19)	3.4 (0.40)	2.1 (0.23)	1.1 (0.19)	2.1 (0.18)	1.6 ! (0.50)	0.6 ! (0.26)
Watches television 3 or more hours per day on weekdays	27.0 (0.62)	27.7 (0.88)	26.4 (0.77)	23.6 (0.67)	49.2 (2.29)	26.6 (1.54)	25.0 (2.20)	36.4 (4.85)	34.1 (1.24)	29.3 (0.89)	18.1 (1.03)	26.4 (0.56)	26.1 (2.29)	15.5 (2.34)
<b>2004</b>														
At least once a week														
Use personal computer at home.....	79.3 (0.52)	79.6 (0.65)	79.0 (0.69)	84.7 (0.54)	62.8 (1.34)	71.4 (1.32)	89.5 (1.06)	68.8 (2.31)	61.9 (1.07)	79.8 (0.63)	92.3 (0.53)	78.2 (0.56)	93.2 (0.69)	89.6 (1.90)
Work on hobbies .....	46.5 (0.56)	49.6 (0.80)	43.3 (0.71)	46.8 (0.68)	44.3 (1.46)	44.8 (1.39)	49.3 (1.75)	58.4 (2.40)	42.2 (1.07)	46.6 (0.76)	49.6 (0.93)	46.3 (0.60)	47.2 (1.41)	48.6 (1.90)
Perform community service .....	18.7 (0.45)	15.1 (0.54)	22.3 (0.63)	17.9 (0.52)	21.1 (1.22)	17.5 (1.11)	27.4 (1.36)	11.6 (2.05)	15.7 (0.74)	17.4 (0.64)	23.5 (0.81)	18.3 (0.48)	23.8 (1.29)	22.1 (1.81)
Driving or riding around .....	65.7 (0.61)	67.5 (0.78)	64.0 (0.79)	70.0 (0.70)	63.9 (1.28)	54.0 (1.28)	58.3 (1.93)	77.0 (3.70)	59.0 (1.17)	67.2 (0.82)	68.4 (0.93)	65.7 (0.66)	68.8 (1.36)	62.8 (2.24)
Visiting with friends at a local hangout.....	86.1 (0.41)	88.4 (0.46)	83.9 (0.63)	90.7 (0.40)	79.9 (1.03)	77.7 (1.16)	79.0 (1.37)	82.6 (2.52)	76.6 (0.94)	87.7 (0.51)	90.9 (0.56)	85.7 (0.44)	92.2 (0.65)	89.2 (1.05)
Talk on phone with friends .....	72.1 (0.48)	65.2 (0.71)	78.9 (0.58)	71.6 (0.61)	80.5 (0.98)	66.6 (1.24)	64.7 (1.75)	73.1 (2.68)	66.0 (0.95)	73.5 (0.66)	74.2 (0.82)	71.8 (0.52)	77.5 (1.30)	72.7 (1.53)
Take music, art, or language class.....	17.7 (0.46)	13.8 (0.52)	21.7 (0.66)	17.5 (0.61)	18.7 (0.96)	15.2 (1.02)	21.2 (1.42)	17.8 (1.30)	13.6 (0.78)	17.0 (0.61)	22.4 (0.71)	17.4 (0.49)	19.6 (1.22)	22.6 (1.75)
Take sports lessons .....	13.2 (0.41)	15.8 (0.61)	10.7 (0.48)	12.5 (0.47)	15.7 (1.09)	13.5 (1.07)	12.9 (1.31)	12.1 (0.43)	10.8 (0.70)	12.6 (0.57)	16.4 (0.71)	12.9 (0.44)	18.8 (0.92)	14.4 (1.07)
Play nonschool sports.....	27.4 (0.53)	39.2 (0.77)	15.7 (0.62)	26.8 (0.70)	28.3 (1.14)	27.5 (1.27)	30.7 (1.57)	38.7 (1.61)	24.3 (0.91)	27.3 (0.73)	30.0 (1.06)	27.3 (0.57)	31.2 (1.47)	24.8 (1.74)
Reading 3 or more hours per week (not for school) .....	32.0 (0.51)	29.5 (0.70)	34.5 (0.71)	31.5 (0.66)	32.7 (1.24)	32.8 (1.28)	30.5 (1.43)	34.4 (3.73)	30.3 (0.99)	30.8 (0.72)	35.6 (0.89)	32.0 (0.55)	29.6 (1.47)	34.9 (1.74)
Plays video/computer games 3 or more hours per day on weekdays .....	5.9 (0.27)	10.4 (0.48)	1.5 (0.18)	5.1 (0.31)	7.8 (0.78)	6.6 (0.66)	6.1 (0.81)	8.9 (1.17)	7.2 (0.54)	6.3 (0.40)	4.2 (0.35)	6.1 (0.29)	3.8 (0.50)	3.5 (0.59)
Watches television/DVDs 3 or more hours per day on weekdays.....	28.1 (0.54)	29.3 (0.76)	26.9 (0.69)	21.9 (0.61)	51.7 (1.37)	33.0 (1.06)	24.6 (1.72)	29.9 (3.81)	35.6 (1.00)	29.3 (0.76)	20.0 (0.75)	28.8 (0.58)	24.3 (1.60)	15.8 (1.43)
Hours of homework per week														
Less than 1 hour .....	13.3 (0.44)	17.3 (0.67)	9.4 (0.48)	14.0 (0.56)	15.1 (0.93)	10.7 (0.83)	6.5 (1.09)	14.9 (1.38)	15.6 (0.78)	14.8 (0.62)	8.7 (0.55)	14.0 (0.47)	5.5 (0.70)	5.4 (1.19)
1 to 3 hours .....	28.7 (0.52)	30.2 (0.72)	27.3 (0.75)	27.3 (0.64)	32.6 (1.18)	33.9 (1.27)	16.6 (1.52)	29.6 (2.75)	32.7 (0.97)	30.3 (0.71)	22.8 (0.89)	29.7 (0.56)	19.5 (1.32)	16.9 (1.57)
4 to 6 hours .....	25.0 (0.49)	24.5 (0.68)	25.5 (0.66)	25.8 (0.64)	24.7 (1.18)	23.0 (1.20)	26.7 (1.59)	21.4 (1.19)	24.2 (0.94)	25.1 (0.67)	25.6 (0.89)	25.0 (0.53)	27.3 (1.23)	24.0 (1.48)
7 to 12 hours .....	21.7 (0.51)	19.8 (0.68)	23.6 (0.68)	22.4 (0.65)	18.0 (0.98)	21.7 (1.26)	27.3 (1.46)	26.9 (3.86)	18.2 (0.81)	20.5 (0.66)	26.8 (0.90)	20.9 (0.55)	29.1 (1.13)	32.2 (1.87)
More than 12 hours.....	11.2 (0.39)	8.2 (0.43)	14.2 (0.61)	10.5 (0.47)	9.6 (0.85)	10.7 (0.99)	22.8 (1.66)	7.2 ! (2.20)	9.2 (0.76)	9.4 (0.46)	16.1 (0.73)	10.4 (0.40)	18.6 (1.52)	21.5 (2.83)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the "middle" SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

<sup>2</sup>Question does not specify where computer is used.

NOTE: Race categories exclude persons of Hispanic ethnicity. Total includes other racial/ethnic groups not separately shown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Study of 1988 (NELS:88/92), "Second Follow-up Student Survey, 1992"; and Education Longitudinal Study of 2002 (ELS:2002/04), "First Follow-up, 2004." (This table was prepared December 2009.)



**Table 185. Percentage of high school seniors who participate in various school-sponsored extracurricular activities, by selected student characteristics: 1992 and 2004**

[Standard errors appear in parentheses]

Selected student characteristic	Academic clubs		Sports				Cheerleading and drill team <sup>2</sup>	Hobby clubs (photography, chess, etc.)		Music (band, orchestra, chorus, or choir)		Vocational clubs (Future Farmers of America, Skills USA, etc.)	
			Any sport		Interscholastic <sup>1</sup>	Intramural <sup>1</sup>							
	1992	2004	1992	2004	2004	2004		1992	1992	2004	1992	2004	1992
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All seniors.....	25.0 (0.58)	21.3 (0.49)	42.7 (0.67)	44.4 (0.56)	38.8 (0.56)	19.2 (0.47)	7.6 (0.34)	7.7 (0.32)	11.7 (0.38)	19.8 (0.51)	21.0 (0.55)	17.6 (0.58)	15.6 (0.55)
Sex													
Male.....	22.7 (0.80)	17.8 (0.58)	55.5 (0.92)	50.6 (0.80)	44.5 (0.79)	24.2 (0.71)	2.0 (0.24)	8.1 (0.44)	11.9 (0.51)	15.1 (0.62)	16.3 (0.66)	14.7 (0.68)	14.8 (0.68)
Female.....	27.1 (0.76)	24.7 (0.73)	30.1 (0.80)	38.2 (0.76)	33.2 (0.74)	14.3 (0.57)	13.0 (0.60)	7.4 (0.44)	11.6 (0.48)	24.3 (0.75)	25.5 (0.73)	20.4 (0.75)	16.3 (0.69)
Race/ethnicity													
White.....	24.3 (4.66)	22.6 (0.62)	41.4 (5.81)	46.9 (0.70)	42.1 (0.69)	18.8 (0.58)	13.3 ! (4.87)	10.1 ! (5.01)	11.4 (0.51)	15.4 (3.65)	22.0 (0.68)	12.2 (2.98)	16.8 (0.74)
Black.....	21.2 (1.64)	16.5 (0.90)	41.6 (2.29)	45.4 (1.21)	37.5 (1.15)	24.4 (1.05)	10.0 (1.73)	6.9 (0.94)	9.1 (0.75)	24.6 (1.57)	24.0 (1.21)	23.1 (1.82)	17.5 (1.17)
Hispanic.....	26.1 (0.72)	18.3 (1.15)	44.0 (0.79)	35.3 (1.25)	29.5 (1.25)	16.9 (1.02)	7.6 (0.35)	7.4 (0.37)	11.8 (0.87)	20.0 (0.62)	14.3 (0.97)	17.8 (0.71)	11.8 (1.04)
Asian/Pacific Islander.....	22.0 (1.55)	34.7 (1.90)	36.2 (1.84)	40.6 (1.81)	33.4 (1.71)	18.0 (1.48)	7.6 (1.16)	8.1 (1.05)	20.3 (1.50)	19.1 (1.68)	19.0 (1.57)	17.6 (1.59)	9.2 (0.78)
American Indian/Alaska Native.....	31.9 (2.31)	19.7 (2.88)	43.9 (2.25)	45.8 (1.42)	40.8 (2.29)	20.7 (0.34)	5.3 (0.97)	11.2 (1.51)	6.3 (0.37)	18.6 (2.01)	15.9 (2.10)	10.4 (1.53)	22.6 (2.23)
Test performance quartile <sup>3</sup>													
Lowest test quartile.....	17.0 (1.40)	13.4 (0.74)	40.5 (1.46)	34.5 (1.09)	28.0 (1.02)	20.4 (1.00)	7.6 (0.70)	7.9 (0.64)	8.4 (0.63)	18.7 (1.06)	17.7 (0.90)	25.0 (1.38)	17.8 (0.94)
Second test quartile.....	20.6 (1.10)	16.1 (0.86)	37.5 (1.22)	42.4 (1.06)	36.1 (1.04)	21.3 (0.85)	7.0 (0.86)	7.0 (0.66)	9.7 (0.63)	17.2 (0.88)	17.7 (0.86)	23.2 (1.19)	17.9 (0.92)
Third test quartile.....	24.1 (1.02)	20.9 (0.86)	44.0 (1.14)	46.5 (1.05)	41.3 (1.04)	19.2 (0.76)	8.3 (0.62)	7.1 (0.58)	11.2 (0.65)	19.7 (0.94)	20.6 (0.90)	16.6 (0.81)	15.5 (0.82)
Highest test quartile.....	36.1 (1.10)	31.8 (0.91)	48.3 (1.17)	52.7 (0.98)	48.0 (0.96)	17.1 (0.82)	7.8 (0.54)	8.7 (0.59)	16.7 (0.78)	24.1 (0.94)	26.3 (0.92)	11.9 (0.78)	12.5 (0.75)
Socioeconomic status <sup>4</sup>													
Low.....	18.3 (0.94)	16.4 (0.89)	32.3 (1.23)	33.1 (1.05)	26.4 (1.01)	16.5 (0.79)	6.7 (0.96)	6.6 (0.62)	8.0 (0.61)	17.6 (0.96)	16.6 (0.75)	24.4 (1.25)	17.3 (0.94)
Middle.....	24.1 (0.78)	19.6 (0.65)	41.3 (0.84)	43.7 (0.77)	38.5 (0.75)	19.6 (0.62)	8.0 (0.43)	7.0 (0.41)	11.2 (0.48)	19.6 (0.71)	20.7 (0.68)	19.6 (0.79)	16.8 (0.71)
High.....	30.9 (1.12)	28.3 (0.89)	52.2 (1.21)	54.6 (0.95)	49.3 (0.99)	20.7 (0.86)	7.8 (0.53)	9.3 (0.59)	15.7 (0.77)	22.0 (0.96)	24.9 (0.98)	9.9 (0.59)	12.1 (0.70)
Region													
Northeast.....	23.3 (1.06)	21.1 (0.93)	48.0 (1.41)	47.6 (1.27)	41.8 (1.42)	21.7 (1.19)	6.9 (0.67)	9.2 (0.79)	14.0 (0.99)	20.8 (1.07)	20.4 (1.19)	8.4 (0.91)	9.9 (1.03)
Midwest.....	25.2 (1.17)	20.1 (1.00)	45.6 (1.29)	48.3 (1.13)	41.9 (1.06)	20.9 (1.02)	8.3 (0.61)	6.5 (0.54)	9.8 (0.78)	23.8 (1.07)	25.6 (1.22)	18.0 (1.30)	16.3 (1.40)
South.....	28.4 (1.14)	23.5 (0.83)	38.6 (1.17)	42.1 (0.93)	36.7 (0.90)	17.6 (0.74)	8.4 (0.70)	6.8 (0.60)	10.5 (0.55)	17.8 (0.82)	20.1 (0.86)	27.4 (1.14)	21.4 (0.94)
West.....	21.3 (1.08)	19.5 (1.17)	40.7 (1.41)	40.9 (1.22)	36.2 (1.19)	17.7 (0.97)	6.3 (0.62)	9.4 (0.72)	13.9 (0.92)	17.6 (1.12)	17.6 (1.19)	10.2 (0.84)	10.8 (0.94)
Senior's school sector													
Public.....	24.9 (0.61)	20.5 (0.52)	41.4 (0.69)	42.9 (0.60)	37.5 (0.59)	18.5 (0.49)	7.7 (0.36)	7.4 (0.33)	11.1 (0.41)	19.8 (0.53)	20.6 (0.58)	19.0 (0.62)	16.6 (0.60)
Catholic.....	27.7 (2.50)	29.5 (1.61)	54.5 (2.98)	60.8 (1.64)	53.1 (1.46)	28.1 (1.96)	7.8 (1.39)	10.4 (1.60)	18.8 (1.22)	14.2 (1.96)	19.2 (1.53)	2.7 (0.61)	4.2 (0.66)
Other private.....	21.6 (2.80)	29.3 (2.40)	58.3 (3.06)	60.5 (2.72)	51.7 (2.98)	25.8 (2.82)	5.7 (1.49)	11.4 (2.32)	18.1 (1.76)	29.9 (2.67)	31.6 (3.51)	2.2 ! (0.76)	4.0 (0.81)

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Interscholastic refers to competition between teams from different schools. Intramural refers to competition between teams or students within the same school. Data on these categories are available only for 2004.<sup>2</sup>These data were not collected in 2004.<sup>3</sup>Composite test performance quartile on mathematics, reading, science, and social studies in 1990 (for 1992 seniors) and composite test performance quartile on mathematics, reading, and science in 2002 (for 2004 seniors).<sup>4</sup>Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income.

NOTE: Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Study of 1988 (NELS:88/92), "Second Follow-up, 1992"; and Education Longitudinal Study of 2002 (ELS:2002/04), "First Follow-up, 2004." (This table was prepared December 2009.)

**Table 186. Percentage of elementary and secondary school students who do homework outside of school, whose parents check that homework is done, and whose parents help with homework, by frequency and selected student and school characteristics: 2003 and 2007**

[Standard errors appear in parentheses]

Year and selected student or school characteristic	Percent of students who do homework outside of school	Average hours per week spent by students who do homework outside of school	Distribution of students who do homework outside of school by how frequently they do homework				Percent of students whose parents' check that homework is done	Distribution of students by how frequently their parents' help with homework				
			Less than once a week	1 to 2 days per week	3 to 4 days per week	5 or more days a week		No help given	Less than once a week	1 to 2 days per week	3 to 4 days per week	5 or more days per week
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2003</b>												
All students .....	95.6 (0.23)	9.1 (0.19)	2.9 (0.16)	15.1 (0.45)	43.9 (0.61)	38.2 (0.57)	85.2 (0.33)	— (†)	— (†)	— (†)	— (†)	— (†)
All elementary school students (kindergarten through grade 8) ..	96.2 (0.26)	9.2 (0.24)	2.3 (0.18)	12.9 (0.43)	46.5 (0.75)	38.3 (0.73)	94.6 (0.29)	— (†)	— (†)	— (†)	— (†)	— (†)
Sex												
Male .....	95.8 (0.41)	9.6 (0.36)	2.7 (0.26)	13.5 (0.58)	47.4 (0.95)	36.4 (0.93)	95.6 (0.38)	— (†)	— (†)	— (†)	— (†)	— (†)
Female .....	96.7 (0.32)	8.7 (0.32)	2.0 (0.23)	12.3 (0.61)	45.5 (1.08)	40.3 (1.09)	93.4 (0.52)	— (†)	— (†)	— (†)	— (†)	— (†)
Race/ethnicity												
White .....	95.9 (0.37)	9.4 (0.30)	2.8 (0.27)	14.9 (0.64)	47.5 (0.97)	34.7 (1.05)	93.1 (0.44)	— (†)	— (†)	— (†)	— (†)	— (†)
Black .....	97.8 (0.51)	8.0 (0.44)	1.4 (0.35)	8.1 (1.02)	47.6 (1.66)	42.9 (1.61)	98.0 (0.79)	— (†)	— (†)	— (†)	— (†)	— (†)
Hispanic .....	96.3 (0.50)	8.8 (0.57)	1.5 (0.34)	11.8 (0.87)	41.8 (1.37)	44.9 (1.51)	96.4 (0.45)	— (†)	— (†)	— (†)	— (†)	— (†)
Asian .....	95.1 (1.62)	11.1 (1.44)	‡ (†)	6.9 (1.74)	41.1 (4.96)	51.2 (5.30)	96.6 (1.18)	— (†)	— (†)	— (†)	— (†)	— (†)
School type												
Public .....	96.4 (0.25)	9.1 (0.24)	2.5 (0.20)	13.5 (0.47)	47.1 (0.75)	36.9 (0.73)	95.0 (0.28)	— (†)	— (†)	— (†)	— (†)	— (†)
Private .....	94.6 (0.87)	9.6 (0.58)	1.3 (0.31)	8.0 (0.92)	41.8 (1.90)	49.0 (1.81)	91.4 (1.16)	— (†)	— (†)	— (†)	— (†)	— (†)
Poverty status												
Poor .....	95.7 (0.71)	9.6 (0.63)	1.3 (0.34)	14.3 (1.33)	42.4 (1.87)	42.0 (1.75)	96.9 (0.77)	— (†)	— (†)	— (†)	— (†)	— (†)
Nonpoor .....	96.3 (0.28)	9.1 (0.25)	2.6 (0.21)	12.6 (0.45)	47.4 (0.77)	37.5 (0.78)	94.0 (0.31)	— (†)	— (†)	— (†)	— (†)	— (†)
All secondary school students (grades 9 through 12) .....	94.2 (0.52)	8.8 (0.25)	4.1 (0.40)	20.3 (0.94)	37.6 (1.01)	38.0 (1.04)	62.8 (0.86)	— (†)	— (†)	— (†)	— (†)	— (†)
Sex												
Male .....	91.3 (0.81)	9.0 (0.42)	6.2 (0.72)	23.6 (1.30)	38.1 (1.45)	32.1 (1.15)	66.6 (1.14)	— (†)	— (†)	— (†)	— (†)	— (†)
Female .....	97.2 (0.56)	8.5 (0.27)	2.1 (0.35)	17.0 (1.23)	37.1 (1.35)	43.8 (1.53)	59.0 (1.47)	— (†)	— (†)	— (†)	— (†)	— (†)
Race/ethnicity												
White .....	94.2 (0.64)	8.8 (0.33)	4.4 (0.49)	20.2 (1.21)	36.3 (1.20)	39.0 (1.32)	55.4 (1.12)	— (†)	— (†)	— (†)	— (†)	— (†)
Black .....	95.3 (1.05)	9.3 (0.78)	3.4 (0.82)	21.2 (2.48)	42.9 (2.56)	32.6 (2.49)	80.0 (2.13)	— (†)	— (†)	— (†)	— (†)	— (†)
Hispanic .....	92.2 (1.20)	8.1 (0.45)	4.2 (1.15)	20.9 (2.20)	40.1 (2.39)	34.8 (2.45)	78.6 (1.68)	— (†)	— (†)	— (†)	— (†)	— (†)
Asian .....	100.0 (†)	10.4 (1.48)	‡ (†)	6.7 (2.65)	32.8 (5.65)	59.0 (5.76)	52.6 (4.94)	— (†)	— (†)	— (†)	— (†)	— (†)
School type												
Public .....	93.9 (0.58)	8.7 (0.27)	4.6 (0.44)	21.7 (1.03)	38.7 (1.06)	35.0 (1.02)	64.3 (0.92)	— (†)	— (†)	— (†)	— (†)	— (†)
Private .....	96.6 (1.06)	9.9 (0.47)	‡ (†)	7.1 (1.90)	26.9 (2.88)	65.9 (2.92)	49.4 (3.51)	— (†)	— (†)	— (†)	— (†)	— (†)
Poverty status												
Poor .....	90.1 (1.53)	8.6 (0.74)	4.3 (0.97)	23.2 (3.33)	42.3 (3.16)	30.2 (2.83)	75.3 (2.94)	— (†)	— (†)	— (†)	— (†)	— (†)
Nonpoor .....	95.0 (0.55)	8.8 (0.28)	4.1 (0.43)	19.8 (0.94)	36.7 (1.11)	39.4 (1.05)	60.5 (0.91)	— (†)	— (†)	— (†)	— (†)	— (†)
Coursework												
Enrolled in AP classes .....	98.0 (0.47)	9.6 (0.38)	2.2 (0.46)	13.4 (1.10)	31.9 (1.44)	52.5 (1.66)	53.4 (1.32)	— (†)	— (†)	— (†)	— (†)	— (†)
Not enrolled in AP classes .....	91.5 (0.80)	8.2 (0.34)	5.6 (0.67)	25.4 (1.35)	41.8 (1.43)	27.3 (1.30)	69.7 (1.10)	— (†)	— (†)	— (†)	— (†)	— (†)
<b>2007</b>												
All students .....	94.4 (0.30)	5.4 (0.06)	3.1 (0.34)	13.1 (0.47)	43.6 (0.62)	40.2 (0.60)	85.4 (0.46)	10.2 (0.41)	20.3 (0.51)	31.7 (0.64)	25.3 (0.59)	12.4 (0.41)
All elementary school students (kindergarten through grade 8) ..	95.0 (0.37)	4.7 (0.07)	2.1 (0.23)	12.3 (0.56)	46.2 (0.73)	39.4 (0.68)	95.0 (0.34)	4.3 (0.34)	13.1 (0.52)	32.6 (0.77)	32.9 (0.76)	17.0 (0.56)

See notes at end of table.

**Table 186. Percentage of elementary and secondary school students who do homework outside of school, whose parents check that homework is done, and whose parents help with homework, by frequency and selected student and school characteristics: 2003 and 2007—Continued**

[Standard errors appear in parentheses]

Year and selected student or school characteristic	Percent of students who do homework outside of school	Average hours per week spent by students who do homework outside of school	Distribution of students who do homework outside of school by how frequently they do homework				Percent of students whose parents <sup>1</sup> check that homework is done	Distribution of students by how frequently their parents <sup>1</sup> help with homework				
			Less than once a week	1 to 2 days per week	3 to 4 days per week	5 or more days a week		No help given	Less than once a week	1 to 2 days per week	3 to 4 days per week	5 or more days per week
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Sex</b>												
Male .....	94.6 (0.51)	4.6 (0.09)	2.1 (0.31)	12.4 (0.71)	47.9 (1.19)	37.6 (1.09)	95.3 (0.47)	4.3 (0.39)	12.9 (0.63)	32.3 (1.02)	32.7 (1.28)	17.8 (0.85)
Female .....	95.4 (0.53)	4.9 (0.10)	2.1 (0.31)	12.2 (0.96)	44.4 (1.13)	41.3 (1.08)	94.6 (0.48)	4.3 (0.56)	13.4 (0.76)	32.9 (1.17)	33.2 (1.17)	16.1 (0.79)
<b>Race/ethnicity</b>												
White .....	94.7 (0.48)	4.4 (0.07)	2.7 (0.36)	13.7 (0.74)	48.3 (1.05)	35.3 (0.99)	94.0 (0.42)	3.8 (0.37)	15.7 (0.74)	34.9 (0.94)	31.3 (0.92)	14.3 (0.63)
Black .....	95.5 (1.07)	5.6 (0.27)	1.3 ! (0.53)	7.0 (1.19)	44.4 (3.40)	47.2 (3.11)	98.1 (0.63)	3.5 (1.03)	7.4 (1.14)	25.2 (2.22)	38.3 (3.36)	25.5 (2.38)
Hispanic .....	94.8 (0.85)	4.7 (0.11)	1.3 (0.33)	13.5 (1.39)	40.7 (1.94)	44.4 (1.74)	96.1 (0.70)	7.1 (0.95)	10.3 (0.91)	30.1 (1.79)	34.0 (1.78)	18.6 (1.52)
Asian .....	97.7 (0.97)	5.7 (0.39)	† (†)	5.1 ! (1.53)	39.1 (4.31)	54.8 (4.48)	88.5 (3.44)	3.1 ! (1.36)	12.8 (2.84)	37.5 (4.52)	30.7 (4.22)	15.9 (2.56)
<b>School type</b>												
Public .....	95.1 (0.38)	4.7 (0.08)	2.0 (0.25)	12.4 (0.62)	46.1 (0.76)	39.4 (0.73)	95.4 (0.36)	4.4 (0.38)	13.1 (0.55)	32.4 (0.86)	32.9 (0.81)	17.2 (0.64)
Private .....	94.0 (1.01)	4.8 (0.19)	2.7 (0.63)	11.4 (1.96)	46.7 (2.64)	39.2 (2.46)	91.5 (1.19)	3.6 (0.85)	13.6 (1.48)	34.3 (2.10)	33.5 (2.36)	15.2 (1.68)
<b>Poverty status</b>												
Poor .....	94.2 (0.99)	4.7 (0.20)	2.9 (0.72)	16.3 (2.18)	39.0 (2.53)	41.7 (2.21)	97.9 (0.55)	6.1 (1.01)	8.8 (1.29)	28.5 (2.44)	35.2 (2.41)	21.3 (1.90)
Nonpoor .....	95.2 (0.36)	4.8 (0.08)	1.9 (0.22)	11.3 (0.58)	48.0 (0.80)	38.8 (0.75)	94.2 (0.40)	3.9 (0.33)	14.2 (0.56)	33.7 (0.80)	32.4 (0.72)	15.9 (0.58)
<b>Locale</b>												
City .....	95.2 (0.65)	5.1 (0.13)	1.5 (0.31)	9.1 (0.91)	43.4 (1.58)	46.0 (1.43)	95.4 (0.54)	4.8 (0.67)	11.3 (1.02)	29.1 (1.39)	36.0 (1.41)	18.7 (1.15)
Suburban .....	95.4 (0.51)	4.9 (0.11)	1.9 (0.37)	9.3 (0.71)	46.1 (1.24)	42.7 (1.19)	93.5 (0.67)	4.4 (0.55)	14.5 (0.85)	33.1 (1.05)	30.8 (1.14)	17.1 (0.91)
Town .....	93.0 (1.50)	4.1 (0.14)	2.7 (0.79)	18.8 (1.98)	46.4 (2.29)	32.2 (2.08)	96.0 (1.04)	3.2 (0.80)	14.2 (1.62)	35.7 (2.68)	31.1 (2.31)	15.7 (1.62)
Rural .....	95.0 (0.85)	4.2 (0.15)	3.2 (0.69)	19.5 (1.79)	50.6 (1.90)	26.8 (1.63)	96.3 (0.72)	4.1 (0.94)	13.1 (1.30)	35.5 (2.29)	32.8 (2.23)	14.6 (1.37)
<b>All secondary school students (grades 9 through 12) .....</b>	<b>93.0 (0.55)</b>	<b>6.8 (0.11)</b>	<b>5.4 (0.85)</b>	<b>14.8 (0.96)</b>	<b>38.0 (1.15)</b>	<b>41.9 (1.18)</b>	<b>64.6 (1.21)</b>	<b>23.1 (1.08)</b>	<b>35.9 (1.26)</b>	<b>29.7 (1.19)</b>	<b>8.8 (0.81)</b>	<b>2.5 (0.34)</b>
<b>Sex</b>												
Male .....	91.2 (0.80)	6.0 (0.19)	7.4 (1.53)	18.3 (1.59)	38.2 (1.78)	36.0 (1.64)	67.8 (1.88)	24.1 (1.56)	36.9 (1.97)	29.1 (1.84)	8.2 (1.11)	1.8 (0.41)
Female .....	94.9 (0.79)	7.5 (0.16)	3.3 (0.72)	11.2 (1.10)	37.7 (1.79)	47.9 (1.85)	61.4 (1.78)	22.0 (1.32)	35.0 (1.44)	30.4 (1.35)	9.3 (1.11)	3.3 (0.60)
<b>Race/ethnicity</b>												
White .....	94.5 (0.52)	6.8 (0.13)	4.2 (0.58)	12.9 (0.91)	38.6 (1.51)	44.3 (1.42)	57.2 (1.54)	22.5 (1.28)	41.1 (1.36)	27.7 (1.43)	6.3 (0.66)	2.3 (0.42)
Black .....	91.8 (1.98)	6.3 (0.38)	† (†)	20.1 (3.86)	41.0 (4.72)	29.7 (3.43)	83.1 (2.84)	19.5 (2.97)	26.5 (4.77)	34.4 (4.03)	16.7 (4.45)	2.9 ! (1.13)
Hispanic .....	90.7 (2.11)	6.4 (0.34)	5.9 (1.29)	17.7 (3.55)	36.6 (2.93)	39.9 (3.03)	75.6 (2.71)	26.2 (2.94)	25.8 (2.38)	33.8 (3.49)	11.0 (1.76)	3.3 ! (1.00)
Asian .....	93.6 (5.45)	10.3 (1.37)	# (†)	13.8 ! (5.51)	18.5 ! (6.12)	67.7 (7.18)	59.0 (7.69)	26.4 (7.58)	36.1 (7.55)	26.8 (7.61)	7.6 ! (3.11)	† (†)
<b>School type</b>												
Public .....	92.3 (0.60)	6.5 (0.11)	5.9 (0.96)	15.9 (1.06)	39.7 (1.26)	38.5 (1.17)	66.1 (1.24)	22.8 (1.16)	35.4 (1.29)	30.0 (1.26)	9.1 (0.87)	2.7 (0.37)
Private .....	98.5 (0.54)	9.3 (0.39)	0.8 ! (0.35)	5.9 (1.34)	24.0 (2.72)	69.4 (2.89)	53.1 (3.98)	25.0 (2.64)	40.1 (3.68)	27.5 (4.07)	6.1 (1.36)	1.4 ! (0.61)
<b>Poverty status</b>												
Poor .....	89.5 (2.21)	5.5 (0.32)	† (†)	19.2 (3.62)	38.7 (4.32)	33.7 (3.69)	81.0 (3.03)	24.2 (3.80)	24.0 (4.21)	36.1 (3.76)	14.0 (3.21)	1.7 ! (0.63)
Nonpoor .....	93.7 (0.58)	7.0 (0.12)	4.8 (0.53)	13.9 (0.91)	37.8 (1.27)	43.6 (1.37)	61.4 (1.30)	22.8 (1.05)	38.3 (1.19)	28.5 (1.24)	7.7 (0.66)	2.7 (0.38)
<b>Coursework</b>												
Enrolled in AP classes .....	96.9 (0.59)	8.5 (0.22)	2.4 (0.70)	7.5 (0.93)	31.9 (1.81)	58.2 (1.97)	56.3 (2.06)	27.4 (1.90)	36.3 (1.69)	28.3 (1.74)	6.0 (0.99)	1.9 (0.43)
Not enrolled in AP classes .....	90.6 (0.81)	5.7 (0.13)	7.3 (1.31)	19.5 (1.40)	41.9 (1.56)	31.2 (1.42)	70.1 (1.46)	20.2 (1.14)	35.7 (1.70)	30.7 (1.59)	10.5 (1.23)	2.9 (0.51)
<b>Locale</b>												
City .....	92.8 (1.01)	6.8 (0.22)	6.3 ! (2.46)	14.1 (1.90)	35.9 (2.32)	43.7 (2.53)	71.5 (1.89)	22.6 (1.88)	33.4 (2.64)	29.3 (2.00)	12.0 (1.80)	2.7 (0.55)
Suburban .....	93.6 (0.95)	7.5 (0.17)	4.8 (0.86)	11.4 (1.27)	36.5 (1.71)	47.4 (2.07)	58.9 (2.00)	23.6 (1.74)	39.1 (1.79)	27.8 (1.68)	7.5 (1.01)	2.0 (0.47)
Town .....	89.7 (2.16)	6.4 (0.27)	5.4 (1.48)	13.2 (1.74)	45.9 (3.46)	35.5 (3.17)	64.8 (3.12)	24.3 (2.81)	34.4 (2.96)	27.9 (3.41)	9.3 (1.80)	4.2 ! (1.54)
Rural .....	93.9 (1.23)	5.6 (0.29)	5.1 (1.20)	22.7 (2.76)	39.6 (3.04)	32.6 (2.79)	65.5 (2.94)	22.1 (2.69)	34.4 (2.71)	34.8 (3.43)	6.2 (1.53)	2.5 ! (0.88)

— Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Refers to one or more parent or other household adult. Only includes students who had homework outside of school.

NOTE: Includes children enrolled in kindergarten through grade 12 and ungraded students. Data based on responses of the parent most knowledgeable about the student's education. Race categories exclude persons of Hispanic ethnicity. Poverty status was

determined based on household income and family size, using weighted averages from Census poverty thresholds. In 2007, for example, households with three members were classified as poor if their income was less than or equal to \$15,000 and as non-poor if their income exceeded \$15,000. Detail may not sum to totals because of rounding. Totals include data for other racial/ethnic groups not separately shown.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Parent and Family Involvement in Education Survey of the National Household Education Surveys Program (PFI-NHES:2003 and 2007). (This table was prepared June 2008.)

**Table 187. Percentage of 4th-, 8th-, and 12th-graders absent from school in the last month, by selected student and school characteristics and number of days absent: 2002, 2009, and 2011**  
[Standard errors appear in parentheses]

Year, grade level, and days absent from school in the last month	All students	Sex		Race/ethnicity						Eligibility for free or reduced-price lunch (public schools only)			Control of school		
		Male	Female	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Eligible	Not eligible	Unknown	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>2002</b>															
4th-graders															
None .....	52 (0.3)	55 (0.4)	50 (0.5)	52 (0.4)	52 (0.7)	50 (0.9)	66 (1.5)	42 (1.5)	55 (1.9)	49 (0.5)	55 (0.4)	53 (1.1)	52 (0.3)	55 (1.2)	55 (1.4)
1-2 days .....	30 (0.3)	28 (0.3)	32 (0.4)	31 (0.3)	27 (0.5)	31 (0.9)	22 (0.9)	34 (1.8)	29 (1.8)	30 (0.4)	29 (0.4)	30 (0.8)	30 (0.3)	31 (1.0)	28 (1.1)
3-4 days .....	11 (0.1)	10 (0.2)	12 (0.2)	11 (0.2)	12 (0.4)	11 (0.4)	7 (0.6)	14 (1.1)	10 (1.3)	13 (0.2)	10 (0.2)	11 (0.5)	11 (0.2)	10 (0.6)	12 (0.9)
5-10 days .....	4 (0.1)	4 (0.2)	4 (0.2)	4 (0.1)	4 (0.2)	4 (0.4)	3 (0.5)	6 (0.7)	5 (1.5)	5 (0.2)	4 (0.2)	4 (0.3)	4 (0.1)	3 (0.3)	4 (0.5)
More than 10 days .....	2 (0.1)	3 (0.1)	2 (0.1)	2 (0.1)	4 (0.2)	3 (0.3)	2 (0.5)	4 (0.6)	1 (0.6)	3 (0.1)	2 (0.1)	2 (0.2)	2 (0.1)	1 (0.2)	1 (0.3)
8th-graders															
None .....	45 (0.3)	47 (0.4)	43 (0.4)	44 (0.4)	46 (0.7)	44 (1.1)	62 (1.8)	31 (2.8)	50 (5.2)	41 (0.5)	46 (0.4)	46 (0.9)	44 (0.4)	49 (1.2)	47 (1.1)
1-2 days .....	35 (0.3)	34 (0.4)	37 (0.4)	37 (0.4)	31 (0.5)	34 (0.9)	26 (1.6)	37 (1.9)	33 (3.2)	34 (0.5)	36 (0.4)	36 (0.8)	35 (0.3)	37 (1.1)	37 (1.1)
3-4 days .....	13 (0.2)	12 (0.3)	14 (0.2)	13 (0.2)	15 (0.5)	14 (0.6)	7 (0.8)	20 (3.4)	9 (1.7)	15 (0.3)	12 (0.2)	12 (0.5)	13 (0.2)	10 (0.7)	11 (0.9)
5-10 days .....	5 (0.1)	5 (0.2)	5 (0.2)	5 (0.1)	5 (0.3)	5 (0.3)	3 (0.4)	8 (1.2)	6 (3.5)	6 (0.2)	4 (0.1)	4 (0.3)	5 (0.1)	3 (0.4)	4 (0.4)
More than 10 days .....	2 (0.1)	2 (0.1)	2 (0.1)	2 (0.1)	2 (0.2)	2 (0.3)	1 (0.2)	4 (1.0)	2 (1.1)	3 (0.2)	2 (0.1)	1 (0.2)	2 (0.1)	1 (0.1)	1 (0.3)
12th-graders															
None .....	36 (0.7)	39 (0.9)	32 (0.8)	35 (0.8)	37 (1.4)	34 (1.6)	41 (2.4)	†	23 (5.5)	35 (1.2)	36 (0.8)	34 (1.4)	—	†	†
1-2 days .....	40 (0.6)	38 (0.8)	42 (0.8)	40 (0.8)	36 (1.1)	42 (1.7)	36 (1.8)	†	51 (10.4)	37 (1.0)	40 (0.8)	42 (1.2)	—	†	†
3-4 days .....	17 (0.5)	14 (0.6)	19 (0.6)	17 (0.6)	17 (0.9)	16 (1.3)	15 (2.4)	†	22 (4.4)	19 (1.0)	16 (0.5)	16 (1.2)	—	†	†
5-10 days .....	6 (0.2)	6 (0.3)	6 (0.3)	6 (0.3)	7 (0.8)	5 (0.9)	5 (0.9)	†	5 (†)	7 (0.7)	6 (0.3)	6 (0.7)	—	†	†
More than 10 days .....	2 (0.2)	3 (0.3)	2 (0.2)	2 (0.2)	2 (0.3)	3 (0.6)	3 (0.8)	†	1 (0.3)	2 (0.4)	2 (0.3)	2 (0.4)	—	†	†
<b>2009</b>															
4th-graders															
None .....	52 (0.2)	54 (0.3)	51 (0.3)	52 (0.3)	51 (0.4)	52 (0.6)	65 (0.9)	42 (1.4)	53 (1.4)	49 (0.3)	56 (0.3)	53 (1.0)	52 (0.2)	54 (1.5)	†
1-2 days .....	29 (0.2)	28 (0.3)	31 (0.2)	31 (0.2)	28 (0.3)	29 (0.4)	24 (0.7)	32 (1.2)	29 (1.3)	30 (0.3)	29 (0.3)	30 (1.0)	30 (0.2)	31 (1.4)	†
3-4 days .....	11 (0.1)	11 (0.2)	12 (0.2)	11 (0.2)	12 (0.3)	12 (0.4)	6 (0.4)	15 (1.0)	12 (1.0)	13 (0.2)	10 (0.1)	10 (0.7)	11 (0.1)	10 (0.8)	†
5-10 days .....	5 (0.1)	4 (0.1)	5 (0.1)	4 (0.1)	5 (0.2)	5 (0.3)	3 (0.3)	7 (0.8)	4 (0.6)	5 (0.1)	4 (0.1)	5 (0.5)	4 (0.1)	4 (0.5)	†
More than 10 days .....	2 (0.1)	3 (0.1)	2 (0.1)	2 (0.1)	4 (0.2)	3 (0.2)	2 (0.3)	4 (0.5)	1 (0.3)	3 (0.1)	1 (0.1)	1 (0.3)	2 (0.1)	1 (0.3)	†
8th-graders															
None .....	46 (0.3)	48 (0.3)	44 (0.3)	45 (0.3)	45 (0.4)	45 (0.6)	65 (1.2)	33 (1.4)	45 (2.0)	43 (0.4)	48 (0.3)	49 (1.1)	45 (0.3)	54 (1.7)	†
1-2 days .....	35 (0.2)	33 (0.3)	36 (0.3)	37 (0.2)	32 (0.4)	33 (0.5)	25 (0.9)	39 (1.5)	32 (1.8)	34 (0.3)	36 (0.3)	35 (1.0)	35 (0.2)	34 (1.3)	†
3-4 days .....	13 (0.2)	12 (0.2)	13 (0.2)	12 (0.2)	15 (0.3)	13 (0.4)	7 (0.5)	18 (0.9)	13 (1.4)	15 (0.3)	11 (0.2)	11 (0.7)	13 (0.2)	8 (0.8)	†
5-10 days .....	5 (0.1)	5 (0.1)	5 (0.1)	5 (0.1)	6 (0.3)	6 (0.3)	2 (0.3)	7 (0.6)	7 (0.9)	6 (0.2)	4 (0.1)	5 (0.7)	5 (0.1)	3 (0.5)	†
More than 10 days .....	2 (0.1)	2 (0.1)	2 (0.1)	2 (0.1)	2 (0.1)	2 (0.2)	1 (0.2)	3 (0.6)	2 (0.7)	3 (0.1)	1 (0.1)	1 (0.2)	2 (0.1)	1 (0.2)	†
12th-graders															
None .....	38 (0.5)	41 (0.5)	35 (0.6)	36 (0.5)	39 (1.0)	38 (0.8)	50 (1.7)	30 (3.9)	39 (3.2)	36 (0.7)	38 (0.6)	43 (1.2)	—	†	†
1-2 days .....	39 (0.3)	37 (0.4)	41 (0.5)	40 (0.4)	38 (0.8)	39 (0.7)	33 (1.6)	36 (4.0)	37 (3.2)	39 (0.6)	40 (0.4)	39 (0.9)	—	†	†
3-4 days .....	15 (0.3)	13 (0.3)	17 (0.4)	15 (0.4)	15 (0.5)	15 (0.7)	11 (1.0)	23 (3.2)	16 (2.4)	16 (0.5)	15 (0.4)	12 (0.7)	—	†	†
5-10 days .....	6 (0.1)	5 (0.1)	6 (0.2)	6 (0.2)	6 (0.4)	6 (0.3)	4 (0.4)	8 (2.3)	6 (1.5)	7 (0.3)	5 (0.2)	5 (0.4)	—	†	†
More than 10 days .....	2 (0.1)	3 (0.1)	2 (0.1)	2 (0.1)	2 (0.2)	3 (0.2)	1 (0.3)	3 (1.6)	1 (0.5)	2 (0.2)	2 (0.1)	2 (0.4)	—	†	†
<b>2011</b>															
4th-graders															
None .....	51 (0.2)	53 (0.3)	49 (0.3)	50 (0.2)	49 (0.5)	50 (0.5)	64 (1.1)	39 (1.5)	51 (1.1)	47 (0.2)	54 (0.2)	54 (1.1)	50 (0.2)	54 (1.1)	†
1-2 days .....	30 (0.1)	29 (0.2)	31 (0.2)	31 (0.2)	28 (0.4)	29 (0.4)	23 (0.6)	31 (1.3)	29 (0.9)	30 (0.2)	30 (0.2)	29 (0.8)	30 (0.1)	29 (0.6)	†
3-4 days .....	12 (0.1)	11 (0.2)	13 (0.2)	12 (0.1)	13 (0.3)	13 (0.3)	8 (0.7)	17 (1.1)	14 (0.8)	14 (0.2)	10 (0.2)	11 (0.6)	12 (0.1)	11 (0.6)	†
5-10 days .....	5 (0.1)	5 (0.1)	5 (0.1)	5 (0.1)	5 (0.2)	5 (0.2)	3 (0.3)	8 (0.9)	5 (0.5)	5 (0.1)	4 (0.1)	4 (0.3)	5 (0.1)	4 (0.4)	†
More than 10 days .....	2 (0.1)	3 (0.1)	2 (0.1)	2 (0.1)	4 (0.2)	3 (0.1)	2 (0.2)	4 (0.4)	2 (0.3)	3 (0.1)	2 (0.1)	2 (0.3)	3 (0.1)	1 (0.2)	†
8th-graders															
None .....	45 (0.2)	47 (0.3)	44 (0.3)	45 (0.3)	45 (0.5)	44 (0.6)	62 (1.1)	34 (1.7)	43 (1.5)	42 (0.3)	48 (0.3)	48 (0.9)	45 (0.2)	51 (0.9)	†
1-2 days .....	35 (0.2)	34 (0.2)	36 (0.2)	37 (0.2)	32 (0.4)	35 (0.5)	27 (1.0)	35 (1.3)	36 (1.2)	35 (0.3)	36 (0.3)	36 (0.8)	35 (0.2)	36 (0.7)	†
3-4 days .....	13 (0.1)	12 (0.2)	14 (0.2)	12 (0.2)	15 (0.4)	14 (0.4)	7 (0.5)	19 (1.5)	12 (0.9)	15 (0.2)	11 (0.2)	11 (0.7)	13 (0.2)	10 (0.5)	†
5-10 days .....	5 (0.1)	4 (0.1)	5 (0.1)	4 (0.1)	5 (0.2)	5 (0.2)	3 (0.3)	8 (0.8)	6 (0.6)	6 (0.1)	4 (0.1)	4 (0.3)	5 (0.1)	3 (0.3)	†
More than 10 days .....	2 (0.1)	2 (0.1)	2 (0.1)	1 (0.1)	2 (0.1)	2 (0.2)	1 (0.2)	4 (0.7)	2 (0.3)	2 (0.1)	1 (0.1)	1 (0.2)	2 (0.1)	#	†

—Not available.

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

NOTE: Includes public and private schools unless otherwise noted. Race categories exclude persons of Hispanic ethnicity. Prior to 2011, students in the "two or more races" category were categorized as "unclassified." Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress (NAEP), 2002, 2009, and 2011 Reading Assessments, retrieved December 9, 2012, from the Main NAEP Data Explorer (<http://nces.ed.gov/nationsreportcard/naepdata/>). (This table was prepared December 2012.)

**Table 188. Percentage of schools with various security measures, by school control and selected characteristics: 2007–08**

[Standard errors appear in parentheses]

School control and selected characteristic	Total schools			Percent of schools with security measures											
	Number	Percentage distribution		Controlled access to school buildings <sup>1</sup>	Controlled access to school grounds <sup>2</sup>	School uniforms	Strict dress code	Daily metal detector checks <sup>3</sup>	Random metal detector checks	Closed lunch <sup>4</sup>	Random dog sniffs	Random drug sweeps	Daily presence of police or security	Security cameras	Badges required
1	2	3		4	5	6	7	8	9	10	11	12	13	14	15
Public total.....	90,500 (540)	100.0 (†)		88.8 (0.63)	44.9 (1.12)	16.5 (0.83)	54.0 (0.99)	2.3 (0.31)	5.9 (0.45)	60.8 (1.07)	25.0 (0.68)	14.8 (0.76)	27.2 (0.99)	51.8 (0.94)	7.5 (0.53)
School enrollment															
Under 300 .....	26,400 (910)	29.2 (0.96)		86.0 (1.41)	38.2 (2.05)	15.9 (1.60)	49.0 (2.13)	5.1 (0.84)	6.5 (0.88)	58.8 (2.06)	24.0 (1.72)	19.3 (1.76)	17.6 (1.57)	43.3 (1.82)	4.9 (0.80)
300 to 499 .....	25,900 (970)	28.6 (1.04)		90.6 (1.06)	42.7 (2.23)	16.0 (1.51)	50.9 (2.25)	0.8 (0.23)	3.6 (0.77)	57.2 (2.04)	18.0 (1.44)	10.3 (1.09)	15.5 (1.31)	50.1 (2.19)	3.7 (0.67)
500 to 999 .....	29,100 (870)	32.1 (0.98)		90.5 (1.01)	49.7 (1.92)	18.2 (1.33)	57.2 (1.94)	0.8 ! (0.28)	5.4 (0.84)	61.1 (2.04)	23.5 (1.42)	11.0 (1.07)	30.7 (1.74)	53.8 (1.84)	8.5 (1.19)
1,000 to 1,499 .....	5,400 (350)	6.0 (0.39)		88.5 (2.08)	50.1 (3.79)	16.4 (3.57)	66.6 (3.19)	2.3 ! (0.84)	9.8 (1.94)	75.5 (2.48)	48.7 (3.97)	27.5 (3.20)	66.4 (3.64)	69.5 (3.60)	18.2 (3.08)
1,500 or more .....	3,700 (240)	4.1 (0.26)		83.7 (2.78)	63.6 (3.16)	11.1 (3.02)	67.5 (3.34)	3.9 ! (1.49)	15.6 (2.39)	75.5 (3.17)	57.4 (3.28)	25.5 (2.91)	92.7 (1.80)	81.8 (3.89)	28.2 (3.28)
Percent of students approved for free or reduced-price school lunch															
School does not participate .....	3,900 (420)	4.3 (0.46)		70.2 (5.54)	38.9 (4.76)	16.9 (3.97)	43.2 (5.52)	† (†)	8.2 ! (3.37)	44.0 (5.66)	13.8 (3.02)	20.2 (4.48)	23.4 (3.94)	43.5 (4.86)	10.2 (2.33)
0 to 25 percent .....	25,000 (920)	27.6 (1.03)		89.7 (1.35)	36.9 (2.02)	4.7 (0.86)	44.7 (2.08)	0.5 ! (0.18)	1.8 (0.35)	60.0 (2.04)	25.0 (1.83)	10.1 (1.12)	25.2 (1.60)	53.1 (2.22)	5.5 (0.78)
26 to 50 percent .....	24,800 (920)	27.4 (0.98)		90.6 (0.94)	41.1 (1.88)	8.2 (1.00)	53.4 (2.03)	0.7 (0.22)	4.3 (0.65)	63.8 (1.59)	30.3 (1.51)	13.5 (1.11)	26.5 (1.85)	56.8 (2.00)	7.4 (0.80)
51 to 75 percent .....	19,600 (690)	21.6 (0.73)		88.9 (1.38)	48.7 (2.26)	19.3 (1.80)	57.7 (2.28)	2.7 (0.52)	7.4 (1.06)	61.0 (2.26)	27.7 (1.94)	17.5 (2.05)	26.2 (1.98)	52.6 (2.30)	7.7 (1.03)
76 to 100 percent .....	17,300 (660)	19.1 (0.74)		89.2 (1.63)	59.0 (2.42)	42.2 (3.04)	66.5 (2.40)	6.1 (1.17)	11.9 (1.65)	61.1 (2.56)	16.6 (1.78)	19.2 (1.91)	33.1 (2.74)	43.6 (2.59)	9.6 (1.57)
School locale															
City .....	21,600 (730)	23.8 (0.81)		89.4 (1.45)	55.6 (2.31)	36.5 (2.33)	63.2 (2.33)	4.1 (0.76)	9.7 (1.14)	61.3 (2.57)	14.5 (1.50)	13.2 (1.51)	37.1 (1.97)	45.3 (1.96)	11.5 (1.43)
Suburban .....	25,900 (920)	28.6 (1.01)		89.7 (1.19)	44.9 (2.32)	13.5 (1.33)	50.4 (2.17)	2.2 ! (0.70)	5.3 (0.97)	57.9 (2.06)	17.3 (1.56)	10.5 (1.37)	29.3 (1.76)	55.9 (1.77)	8.9 (0.93)
Town .....	13,900 (670)	15.3 (0.74)		90.2 (1.35)	41.2 (2.55)	10.0 (1.56)	51.9 (2.43)	2.3 (0.60)	5.3 (1.01)	63.6 (2.48)	30.1 (2.14)	16.2 (1.73)	22.5 (1.86)	53.7 (2.79)	5.0 (1.03)
Rural .....	29,200 (1,010)	32.2 (1.07)		87.0 (1.13)	38.8 (1.78)	7.4 (0.85)	51.3 (1.87)	1.0 ! (0.31)	3.8 (0.67)	61.6 (1.86)	37.0 (1.48)	19.2 (1.32)	20.2 (1.60)	51.9 (1.78)	4.4 (0.71)
Level <sup>5</sup>															
Elementary .....	62,300 (580)	68.9 (0.54)		92.1 (0.71)	45.7 (1.61)	17.5 (1.05)	50.0 (1.38)	0.3 ! (0.14)	3.0 (0.48)	57.5 (1.47)	13.2 (0.83)	7.6 (0.84)	16.2 (1.14)	46.1 (1.29)	4.1 (0.57)
Secondary .....	21,600 (460)	23.8 (0.46)		82.1 (1.42)	43.3 (1.53)	12.1 (1.19)	64.4 (1.87)	5.2 (1.03)	11.9 (1.05)	68.5 (1.68)	54.6 (1.59)	30.5 (1.59)	58.3 (1.93)	68.7 (1.77)	16.8 (1.15)
Combined .....	6,600 (360)	7.3 (0.40)		79.8 (2.50)	42.6 (3.33)	21.4 (2.51)	57.3 (3.13)	11.3 (1.84)	13.4 (1.80)	66.0 (2.96)	39.1 (2.91)	31.7 (3.22)	29.0 (2.90)	50.1 (2.70)	9.2 (1.95)
Private total.....	28,000 (330)	100.0 (†)		81.5 (1.15)	42.4 (1.22)	55.4 (1.19)	76.3 (1.08)	0.6 ! (0.19)	1.1 (0.24)	44.0 (1.06)	3.9 (0.43)	8.8 (0.69)	6.4 (0.54)	32.9 (1.21)	2.9 (0.42)
School enrollment															
Under 300 .....	22,800 (390)	81.7 (0.85)		80.6 (1.39)	41.7 (1.40)	51.9 (1.46)	73.7 (1.30)	0.6 ! (0.21)	1.3 (0.28)	41.3 (1.30)	2.5 (0.44)	9.0 (0.83)	4.3 (0.58)	27.9 (1.36)	1.7 (0.44)
300 to 499 .....	3,000 (190)	10.6 (0.70)		88.6 (1.95)	45.7 (3.07)	73.4 (3.13)	85.8 (2.14)	† (†)	† (†)	55.4 (2.90)	6.5 (1.32)	7.5 (1.50)	10.1 (1.70)	49.5 (3.22)	7.8 (1.61)
500 to 999 .....	1,800 (120)	6.3 (0.44)		83.0 (2.44)	43.4 (3.43)	69.4 (3.39)	89.4 (2.29)	† (†)	† (†)	59.3 (3.58)	17.1 (2.42)	8.2 (1.96)	17.3 (2.21)	61.0 (3.32)	7.8 (1.90)
1,000 or more .....	400 (50)	1.4 (0.19)		77.4 (5.07)	52.7 (7.16)	61.2 (6.89)	94.6 (2.34)	† (†)	† (†)	49.9 (7.21)	9.7 ! (3.78)	13.2 ! (4.95)	50.5 (6.78)	67.1 (5.69)	11.6 ! (4.08)
Percent of students approved for free or reduced-price school lunch															
School does not participate .....	19,700 (400)	70.3 (1.05)		78.9 (1.43)	41.6 (1.45)	52.2 (1.48)	74.7 (1.34)	0.4 ! (0.14)	0.6 ! (0.20)	41.3 (1.48)	3.8 (0.48)	8.6 (0.80)	6.6 (0.58)	28.8 (1.32)	2.9 (0.52)
0 to 25 percent .....	4,600 (230)	16.3 (0.81)		89.7 (2.03)	40.5 (3.06)	67.6 (2.83)	85.6 (2.08)	† (†)	† (†)	53.2 (3.04)	6.0 (1.42)	6.5 (1.44)	5.1 (1.47)	42.9 (3.21)	3.5 ! (1.17)
26 to 100 percent .....	3,700 (230)	13.3 (0.84)		85.5 (2.44)	48.8 (3.14)	57.3 (3.35)	72.8 (3.11)	† (†)	4.7 ! (1.61)	47.0 (3.86)	2.3 ! (1.09)	12.7 (2.11)	7.0 (1.76)	42.1 (3.52)	† (†)
Level <sup>5</sup>															
Elementary .....	16,100 (300)	57.6 (0.81)		84.1 (1.35)	45.6 (1.50)	62.2 (1.68)	75.9 (1.48)	† (†)	† (†)	42.0 (1.39)	0.4 ! (0.20)	2.1 (0.42)	4.3 (0.61)	31.4 (1.65)	1.6 (0.38)
Secondary .....	2,900 (170)	10.5 (0.59)		76.9 (2.83)	34.7 (3.37)	42.8 (3.22)	75.3 (3.36)	† (†)	† (†)	56.7 (3.25)	17.0 (2.32)	26.0 (3.64)	11.8 (2.46)	43.1 (3.64)	6.2 (1.27)
Combined .....	8,900 (270)	31.9 (0.88)		78.4 (2.11)	39.2 (2.27)	47.2 (2.23)	77.3 (1.72)	1.7 ! (0.59)	2.9 (0.70)	43.5 (2.46)	6.0 (1.00)	15.4 (1.54)	8.3 (1.13)	32.1 (1.99)	4.2 (1.00)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Access to buildings is controlled during school hours (e.g., by locked or monitored doors).<sup>2</sup>Access to grounds is controlled during school hours (e.g., by locked or monitored gates).<sup>3</sup>All students must pass through a metal detector each day.<sup>4</sup>All or most students are required to stay on school grounds during lunch.<sup>5</sup>Elementary schools have grade 6 or below, with no grade higher than 8; secondary schools have no grade lower than 7; and combined schools have grades lower than 7 and higher than 8.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Questionnaire" and "Private School Principal Questionnaire," 2007–08. (This table was prepared October 2009.)

**Table 189. Number and percentage of public schools recording at least one crime incident that occurred at school, and number and rate of incidents, by school characteristics and type of incident: 1999–2000 and 2009–10**

[Standard errors appear in parentheses]

Type of incident		All public schools, 1999–2000	2009–10											
			All public schools	Instruction level of school			Locale				Percent of students eligible for free or reduced-price lunch			
				Primary	Middle	High	City	Suburban	Town	Rural	0 to 20	21 to 50	51 or more	
1		2	3	4	5	6	7	8	9	10	11	12	13	
<b>Number of public schools (in thousands)</b>														
All schools.....	82	(#)	83	(0.5)	49	(0.3)	15	(0.1)	12	(0.1)	22	(0.2)	24	(0.2)
Schools with incident.....	71	(1.0)	70	(1.0)	38	(0.9)	15	(0.1)	12	(0.1)	19	(0.4)	20	(0.6)
Percent of schools with incident.....	86.4	(1.23)	85.0	(1.07)	77.9	(1.69)	96.2	(0.66)	98.3	(0.49)	86.9	(1.71)	84.3	(2.07)
<b>Violent incidents.....</b>	<b>71.4</b>	<b>(1.37)</b>	<b>73.8</b>	<b>(1.07)</b>	<b>64.4</b>	<b>(1.63)</b>	<b>90.5</b>	<b>(1.10)</b>	<b>90.9</b>	<b>(1.21)</b>	<b>74.9</b>	<b>(2.12)</b>	<b>73.5</b>	<b>(2.21)</b>
Serious violent incidents.....	19.7	(0.98)	16.4	(0.94)	13.0	(1.42)	18.9	(1.46)	27.6	(1.35)	21.7	(2.12)	15.5	(1.80)
Rape or attempted rape.....	0.7	(0.10)	0.5	(0.10)	—	(†)	1.3	(0.42)	2.0	(0.41)	0.7	(0.26)	0.6	(0.25)
Sexual battery other than rape.....	2.5	(0.33)	2.3	(0.34)	1.0	(0.38)	3.2	(0.56)	5.1	(0.73)	3.2	(0.76)	1.6	(0.32)
Physical attack or fight with weapon.....	5.2	(0.60)	3.9	(0.48)	3.0	(0.68)	3.9	(0.75)	7.1	(1.02)	5.5	(1.18)	4.6	(1.00)
Threat of attack with weapon.....	11.1	(0.70)	7.7	(0.72)	6.8	(1.11)	10.3	(1.04)	10.0	(0.99)	10.2	(1.69)	7.7	(1.15)
Robbery with weapon.....	0.5	(0.15)	0.2	(0.05)	—	(†)	0.5	(0.20)	1.0	(0.30)	0.6	(0.19)	0.2	(0.10)
Robbery without weapon.....	5.3	(0.56)	4.4	(0.49)	2.7	(0.66)	5.5	(0.74)	10.6	(0.87)	6.5	(0.84)	3.4	(0.55)
Physical attack or fight without weapon.....	63.7	(1.52)	70.5	(1.11)	60.3	(1.65)	88.8	(1.13)	88.4	(1.36)	71.7	(2.02)	69.9	(2.11)
Threat of attack without weapon.....	52.2	(1.47)	46.4	(1.33)	38.0	(1.94)	61.5	(1.73)	61.9	(1.58)	48.6	(2.43)	46.3	(2.44)
<b>Theft/larceny<sup>1</sup>.....</b>	<b>45.6</b>	<b>(1.37)</b>	<b>44.1</b>	<b>(1.31)</b>	<b>25.7</b>	<b>(1.82)</b>	<b>65.2</b>	<b>(1.48)</b>	<b>82.6</b>	<b>(1.35)</b>	<b>47.6</b>	<b>(2.70)</b>	<b>43.1</b>	<b>(1.97)</b>
<b>Other incidents<sup>2</sup>.....</b>	<b>—</b>	<b>(†)</b>	<b>68.1</b>	<b>(1.12)</b>	<b>57.3</b>	<b>(1.72)</b>	<b>81.9</b>	<b>(1.25)</b>	<b>92.2</b>	<b>(1.10)</b>	<b>73.5</b>	<b>(2.39)</b>	<b>66.1</b>	<b>(2.23)</b>
Possession of firearm/explosive device.....	5.5	(0.44)	4.7	(0.52)	3.5	(0.81)	5.8	(0.79)	9.4	(1.20)	6.0	(0.99)	4.9	(0.89)
Possession of knife or sharp object.....	42.6	(1.28)	39.7	(1.06)	33.5	(1.51)	51.5	(1.94)	55.2	(1.51)	41.1	(2.36)	38.7	(1.75)
Distribution, possession, or use of illegal drugs.....	—	(†)	24.6	(0.57)	3.5	(0.69)	44.7	(1.17)	77.2	(1.51)	27.8	(1.22)	22.4	(0.83)
Inappropriate distribution, possession, or use of prescription drugs.....	—	(†)	12.1	(0.47)	1.5	(0.48)	18.8	(1.13)	43.0	(1.64)	10.3	(0.92)	12.1	(0.79)
Distribution, possession, or use of alcohol.....	—	(†)	14.1	(0.50)	2.1	(0.52)	19.7	(1.31)	51.6	(1.60)	14.9	(1.14)	15.5	(0.92)
Vandalism.....	51.4	(1.61)	45.8	(1.12)	37.9	(1.69)	55.5	(1.38)	62.5	(1.86)	56.9	(2.11)	47.2	(2.44)
<b>Number of incidents (in thousands).....</b>	<b>2,259</b>	<b>(117.0)</b>	<b>1,877</b>	<b>(50.9)</b>	<b>626</b>	<b>(39.6)</b>	<b>548</b>	<b>(23.6)</b>	<b>590</b>	<b>(18.2)</b>	<b>642</b>	<b>(32.5)</b>	<b>585</b>	<b>(37.5)</b>
<b>Violent incidents.....</b>	<b>1,466</b>	<b>(103.7)</b>	<b>1,184</b>	<b>(44.4)</b>	<b>482</b>	<b>(37.3)</b>	<b>375</b>	<b>(19.3)</b>	<b>264</b>	<b>(12.9)</b>	<b>396</b>	<b>(27.4)</b>	<b>371</b>	<b>(33.0)</b>
Serious violent incidents.....	61	(7.0)	52	(5.5)	22	(3.8)	14	(2.4)	14	(1.7)	17	(2.8)	16	(3.1)
Rape or attempted rape.....	1	(0.1)	1	(0.1)	—	(†)	#	(†)	#	(†)	#	(†)	#	(†)
Sexual battery other than rape.....	4	(1.1)	4	(0.6)	1	(0.4)	1	(0.2)	1	(0.2)	1	(0.4)	#	(†)
Physical attack or fight with weapon.....	12	(2.5)	14	(3.6)	8	(2.9)	2	(0.7)	3	(0.7)	3	(1.0)	3	(1.0)
Threat of attack with weapon.....	21	(1.9)	19	(2.9)	8	(1.9)	8	(1.9)	3	(0.6)	7	(1.8)	7	(1.5)
Robbery with weapon.....	†	(†)	#	(†)	—	(†)	#	(†)	#	(†)	#	(†)	#	(†)
Robbery without weapon.....	20	(3.2)	14	(1.9)	6	(1.9)	3	(0.6)	6	(0.8)	3	(0.7)	3	(0.7)
Physical attack or fight without weapon.....	807	(59.6)	725	(27.8)	295	(24.0)	239	(12.7)	157	(10.6)	249	(19.7)	232	(17.9)
Threat of attack without weapon.....	599	(52.7)	406	(23.0)	165	(21.6)	123	(8.8)	94	(5.4)	130	(10.7)	123	(17.0)
<b>Theft/larceny<sup>1</sup>.....</b>	<b>218</b>	<b>(9.2)</b>	<b>259</b>	<b>(8.6)</b>	<b>42</b>	<b>(5.7)</b>	<b>69</b>	<b>(4.8)</b>	<b>125</b>	<b>(5.1)</b>	<b>85</b>	<b>(7.0)</b>	<b>81</b>	<b>(4.0)</b>
<b>Other incidents<sup>2</sup>.....</b>	<b>—</b>	<b>(†)</b>	<b>435</b>	<b>(11.1)</b>	<b>102</b>	<b>(6.4)</b>	<b>104</b>	<b>(4.4)</b>	<b>200</b>	<b>(7.7)</b>	<b>160</b>	<b>(9.2)</b>	<b>133</b>	<b>(6.4)</b>
Possession of firearm/explosive device.....	9	(2.2)	5	(0.6)	2	(0.4)	1	(0.3)	2	(0.2)	2	(0.3)	2	(0.3)
Possession of knife or sharp object.....	86	(4.0)	72	(2.6)	29	(1.7)	18	(0.9)	22	(1.5)	21	(1.3)	22	(1.9)
Distribution, possession, or use of illegal drugs.....	—	(†)	116	(4.7)	3	(0.8)	25	(1.6)	79	(3.6)	44	(4.0)	36	(2.0)
Inappropriate distribution, possession, or use of prescription drugs.....	—	(†)	29	(1.9)	1	(0.3)	6	(0.6)	19	(1.5)	7	(0.9)	10	(1.2)
Distribution, possession, or use of alcohol.....	—	(†)	41	(1.8)	1	(0.3)	7	(0.6)	29	(1.5)	14	(1.3)	14	(1.1)
Vandalism.....	211	(13.6)	172	(7.3)	66	(5.8)	46	(3.1)	49	(4.5)	72	(5.7)	49	(3.6)

See notes at end of table.

**Table 189. Number and percentage of public schools recording at least one crime incident that occurred at school, and number and rate of incidents, by school characteristics and type of incident: 1999–2000 and 2009–10—Continued**

[Standard errors appear in parentheses]

Type of incident	All public schools, 1999–2000	2009–10										
		All public schools	Instruction level of school			Locale				Percent of students eligible for free or reduced-price lunch		
			Primary	Middle	High	City	Suburban	Town	Rural	0 to 20	21 to 50	51 or more
1	2	3	4	5	6	7	8	9	10	11	12	13
Number of incidents per 100,000 students.	4,849 (252.4)	3,965 (103.7)	2,766 (172.3)	5,840 (249.6)	4,773 (149.9)	4,672 (250.7)	3,527 (210.5)	4,320 (350.6)	3,554 (184.8)	2,220 (131.3)	3,613 (149.4)	4,950 (200.9)
Violent incidents.....	3,147 (223.8)	2,500 (90.9)	2,131 (163.6)	3,997 (203.9)	2,141 (105.3)	2,885 (210.8)	2,236 (192.4)	2,820 (335.6)	2,250 (149.0)	1,153 (93.1)	2,081 (127.4)	3,364 (177.9)
Serious violent incidents .....	130 (15.2)	111 (11.5)	97 (16.8)	145 (25.2)	110 (13.7)	126 (21.3)	98 (18.4)	107 (23.2)	113 (26.4)	62 (14.3)	86 (13.2)	149 (24.4)
Rape or attempted rape .....	1 (0.2)	1 (0.3)	— (†)	3 ! (1.0)	3 (0.6)	1 ! (0.5)	1 ! (0.5)	2 ! (0.9)	1 ! (0.3)	1 ! (0.4)	1 ! (0.3)	2 (0.5)
Sexual battery other than rape.....	9 (2.4)	8 (1.3)	4 ! (2.0)	10 (2.4)	11 (1.8)	11 (2.7)	4 (1.2)	8 (2.5)	8 ! (3.5)	3 (0.8)	8 (2.9)	9 (1.8)
Physical attack or fight with weapon .....	26 (5.4)	30 (7.5)	34 ! (13.0)	19 ! (7.4)	23 (5.5)	22 ! (7.5)	32 ! (12.7)	43 ! (16.7)	‡ (†)	9 ! (3.1)	21 (6.1)	46 ! (16.0)
Threat of attack with weapon .....	45 (4.1)	41 (6.1)	34 (8.4)	81 (20.4)	26 (4.8)	49 (13.2)	40 (9.2)	38 ! (17.9)	31 (7.6)	22 ! (7.7)	30 (8.3)	56 (12.3)
Robbery with weapon .....	‡ (†)	1 ! (0.3)	— (†)	‡ (†)	‡ (†)	2 ! (1.2)	# (†)	# (†)	— (†)	# (†)	# (†)	2 ! (0.7)
Robbery without weapon .....	43 (6.8)	30 (4.1)	25 ! (8.2)	31 (6.2)	45 (6.5)	40 (6.6)	19 (4.3)	15 ! (4.6)	43 ! (14.3)	28 ! (9.6)	25 (7.6)	35 (6.3)
Physical attack or fight without weapon.....	1,732 (128.8)	1,532 (57.9)	1,305 (106.9)	2,545 (132.7)	1,271 (85.0)	1,814 (148.1)	1,398 (104.3)	1,571 (242.2)	1,364 (100.3)	713 (49.9)	1,251 (89.8)	2,076 (117.2)
Threat of attack without weapon.....	1,285 (113.2)	857 (47.4)	730 (94.0)	1,307 (94.3)	760 (45.4)	945 (81.4)	741 (100.8)	1,142 (154.3)	773 (64.6)	378 (44.0)	744 (73.4)	1,139 (86.5)
Theft/larceny <sup>1</sup> .....	468 (20.2)	546 (18.5)	185 (24.8)	736 (50.7)	1,012 (43.5)	622 (53.0)	488 (21.6)	565 (52.2)	528 (40.7)	436 (34.0)	619 (37.3)	542 (36.2)
Other incidents <sup>2</sup> .....	— (†)	918 (23.2)	450 (27.9)	1,108 (47.1)	1,620 (60.8)	1,166 (62.6)	803 (32.2)	935 (65.7)	776 (42.2)	631 (41.1)	914 (37.1)	1,044 (46.9)
Possession of firearm/explosive device .....	18 (4.8)	11 (1.2)	8 (1.9)	15 (2.8)	13 (1.9)	13 (2.2)	10 (1.8)	10 ! (3.5)	9 (2.4)	6 (1.1)	7 (1.2)	15 (2.3)
Possession of knife or sharp object .....	184 (8.7)	153 (5.2)	126 (7.3)	193 (9.8)	175 (12.5)	156 (9.7)	131 (10.9)	208 (15.1)	151 (10.1)	72 (5.4)	140 (6.6)	196 (11.2)
Distribution, possession, or use of illegal drugs .....	— (†)	245 (9.8)	14 (3.4)	262 (17.4)	637 (28.9)	321 (27.1)	220 (10.4)	250 (25.6)	184 (13.5)	183 (13.8)	273 (15.8)	251 (18.4)
Inappropriate distribution, possession, or use of prescription drugs.....	— (†)	62 (4.0)	4 ! (1.3)	68 (6.5)	157 (12.4)	48 (6.4)	60 (7.2)	84 (15.3)	70 (8.3)	55 (6.2)	83 (9.3)	50 (4.8)
Distribution, possession, or use of alcohol .....	— (†)	86 (3.9)	5 (1.3)	77 (6.9)	238 (13.7)	100 (9.9)	85 (6.2)	82 (14.2)	72 (8.0)	95 (10.6)	105 (8.6)	69 (5.7)
Vandalism .....	453 (28.6)	362 (15.3)	293 (25.6)	492 (32.4)	400 (35.4)	527 (40.4)	297 (20.5)	301 (30.3)	289 (32.3)	221 (27.0)	305 (18.2)	462 (29.6)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is 30 percent or greater.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) includes pocket picking, stealing a purse or backpack (if left unattended or if no force was used to take it from owner), theft from a building, theft from a motor vehicle or of motor vehicle parts or accessories, theft of bicycles, theft from vending machines, and all other types of thefts.

<sup>2</sup>This table shows only the "Other incidents" that were included on the 2009–10 questionnaire. In 1999–2000, most of the "Other incidents" differed from those shown in this table.

NOTE: "At school" was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places holding school-sponsored events or activities. Includes incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. All public schools also includes schools with other combinations of grades (including K–12 schools), which are not shown separately. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000 and 2009–10 School Survey on Crime and Safety (SSOCS), 2000 and 2010. (This table was prepared August 2011.)

**Table 190. Percentage of public schools recording and reporting to the police at least one crime incident that occurred at school, by type of incident: Selected years, 1999–2000 through 2009–10**  
[Standard errors appear in parentheses]

Type of incident	Recording incidents					Reporting incidents to police				
	1999–2000	2003–04	2005–06	2007–08	2009–10	1999–2000	2003–04	2005–06	2007–08	2009–10
1	2	3	4	5	6	7	8	9	10	11
<b>Total .....</b>	<b>86.4 (1.23)</b>	<b>88.5 (0.85)</b>	<b>85.7 (1.07)</b>	<b>85.5 (0.87)</b>	<b>85.0 (1.07)</b>	<b>62.5 (1.37)</b>	<b>65.2 (1.35)</b>	<b>60.9 (1.15)</b>	<b>62.0 (1.24)</b>	<b>60.0 (1.58)</b>
<b>Violent incidents.....</b>	<b>71.4 (1.37)</b>	<b>81.4 (1.05)</b>	<b>77.7 (1.11)</b>	<b>75.5 (1.09)</b>	<b>73.8 (1.07)</b>	<b>36.0 (1.26)</b>	<b>43.6 (1.15)</b>	<b>37.7 (1.09)</b>	<b>37.8 (1.16)</b>	<b>39.9 (1.13)</b>
Serious violent incidents .....	19.7 (0.98)	18.3 (0.99)	17.1 (0.91)	17.2 (1.06)	16.4 (0.94)	14.8 (0.82)	13.3 (0.88)	12.6 (0.70)	12.6 (0.86)	10.4 (0.62)
Rape or attempted rape .....	0.7 (0.10)	0.8 (0.17)	0.3 (0.07)	0.8 (0.17)	0.5 (0.10)	0.6 (0.10)	0.8 (0.17)	0.3 (0.07)	0.8 (0.17)	0.5 (0.10)
Sexual battery other than rape.....	2.5 (0.33)	3.0 (0.32)	2.8 (0.24)	2.5 (0.33)	2.3 (0.34)	2.3 (0.34)	2.6 (0.28)	2.6 (0.26)	2.1 (0.29)	1.4 (0.20)
Physical attack or fight with weapon.....	5.2 (0.60)	4.0 (0.46)	3.0 (0.38)	3.0 (0.33)	3.9 (0.48)	3.9 (0.50)	2.8 (0.38)	2.2 (0.27)	2.1 (0.27)	2.2 (0.32)
Threat of attack with weapon.....	11.1 (0.70)	8.6 (0.71)	8.8 (0.66)	9.3 (0.77)	7.7 (0.72)	8.5 (0.59)	6.0 (0.55)	5.9 (0.49)	5.7 (0.59)	4.5 (0.43)
Robbery with weapon .....	0.5 ! (0.15)	0.6 (0.15)	0.4 (0.12)	0.4 ! (0.14)	0.2 (0.05)	0.3 ! (0.09)	0.6 (0.15)	0.4 (0.12)	0.4 ! (0.14)	0.2 (0.05)
Robbery without weapon .....	5.3 (0.56)	6.3 (0.60)	6.4 (0.59)	5.2 (0.56)	4.4 (0.49)	3.4 (0.41)	4.2 (0.51)	4.9 (0.48)	4.1 (0.42)	3.5 (0.40)
Physical attack or fight without weapon.....	63.7 (1.52)	76.7 (1.21)	74.3 (1.20)	72.7 (1.07)	70.5 (1.11)	25.8 (0.91)	35.6 (0.98)	29.2 (1.00)	28.2 (0.90)	34.3 (0.90)
Threat of attack without weapon .....	52.2 (1.47)	53.0 (1.34)	52.2 (1.27)	47.8 (1.19)	46.4 (1.33)	18.9 (0.94)	21.0 (0.82)	19.7 (0.69)	19.5 (0.76)	15.2 (0.79)
<b>Theft/larceny<sup>1</sup> .....</b>	<b>45.6 (1.37)</b>	<b>46.0 (1.29)</b>	<b>46.0 (1.07)</b>	<b>47.3 (1.29)</b>	<b>44.1 (1.31)</b>	<b>28.5 (1.04)</b>	<b>30.5 (1.17)</b>	<b>27.9 (0.97)</b>	<b>31.0 (1.12)</b>	<b>25.4 (1.01)</b>
<b>Other incidents<sup>2</sup> .....</b>	<b>72.7 (1.30)</b>	<b>64.0 (1.27)</b>	<b>68.2 (1.07)</b>	<b>67.4 (1.13)</b>	<b>68.1 (1.12)</b>	<b>52.0 (1.14)</b>	<b>50.0 (1.18)</b>	<b>50.6 (1.00)</b>	<b>48.7 (1.17)</b>	<b>46.3 (1.23)</b>
Possession of firearm/explosive device .....	5.5 (0.44)	6.1 (0.49)	7.2 (0.60)	4.7 (0.38)	4.7 (0.52)	4.5 (0.41)	4.9 (0.44)	5.5 (0.51)	3.6 (0.32)	3.1 (0.39)
Possession of knife or sharp object .....	42.6 (1.28)	— (†)	42.8 (1.23)	40.6 (1.10)	39.7 (1.06)	23.0 (0.84)	— (†)	25.0 (1.00)	23.3 (0.69)	20.0 (0.88)
Distribution of illegal drugs .....	12.3 (0.50)	12.9 (0.55)	— (†)	— (†)	— (†)	11.4 (0.48)	12.4 (0.57)	— (†)	— (†)	— (†)
Possession or use of alcohol or illegal drugs .....	26.6 (0.72)	29.3 (0.87)	— (†)	— (†)	— (†)	22.2 (0.67)	26.0 (0.76)	— (†)	— (†)	— (†)
Distribution, possession, or use of illegal drugs .....	— (†)	— (†)	25.9 (0.68)	23.2 (0.68)	24.6 (0.57)	— (†)	— (†)	22.8 (0.62)	20.7 (0.60)	21.4 (0.57)
Inappropriate distribution, possession, or use of prescription drugs.....	— (†)	— (†)	— (†)	— (†)	12.1 (0.47)	— (†)	— (†)	— (†)	— (†)	9.6 (0.42)
Distribution, possession, or use of alcohol .....	— (†)	— (†)	16.2 (0.68)	14.9 (0.57)	14.1 (0.50)	— (†)	— (†)	11.6 (0.61)	10.6 (0.55)	10.0 (0.41)
Student sexual harassment of other students .....	36.3 (1.26)	— (†)	— (†)	— (†)	— (†)	14.7 (0.78)	— (†)	— (†)	— (†)	— (†)
Vandalism .....	51.4 (1.61)	51.4 (1.17)	50.5 (1.17)	49.3 (1.16)	45.8 (1.12)	32.7 (1.10)	34.3 (1.06)	31.9 (1.02)	30.8 (1.18)	26.8 (1.09)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) includes pocket picking, stealing a purse or back-pack (if left unattended or if no force was used to take it from owner), theft from a building, theft from a motor vehicle or of motor vehicle parts or accessories, theft of bicycles, theft from vending machines, and all other types of thefts.

NOTE: “At school” was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places holding school-sponsored events or activities. Includes incidents that occurred before, during, or after normal school hours or when school activities or events were in session.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999–2000, 2003–04, 2005–06, 2007–08, and 2009–10 School Survey on Crime and Safety (SSOCS), 2000, 2004, 2006, 2008, and 2010. (This table was prepared October 2012.)



**Table 191. Percentage of public schools recording crime incidents that occurred at school, by type of incident, number of incidents, and selected school characteristics: 2009–10**  
 [Standard errors appear in parentheses]

Selected school characteristic	Violent incidents <sup>1</sup>						Serious violent incidents <sup>2</sup>					Theft/larceny <sup>3</sup> (at least one)	Other <sup>4</sup> (at least one)	
	At least one	Number of incidents					At least one	Number of incidents						
		None	1 or 2	3 to 9	10 to 19	20 or more		None	1 or 2	3 to 9	10 or more			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
<b>Total</b> .....	<b>73.8 (1.07)</b>	<b>26.2 (1.07)</b>	<b>7.6 (0.64)</b>	<b>29.0 (1.03)</b>	<b>17.8 (0.81)</b>	<b>19.4 (0.79)</b>	<b>16.4 (0.94)</b>	<b>83.6 (0.94)</b>	<b>10.9 (0.76)</b>	<b>4.0 (0.49)</b>	<b>1.5 (0.31)</b>	<b>44.1 (1.31)</b>	<b>68.1 (1.12)</b>	
School level <sup>5</sup>														
Primary .....	64.4 (1.63)	35.6 (1.63)	7.6 (1.09)	31.5 (1.72)	13.8 (1.29)	11.4 (1.11)	13.0 (1.42)	87.0 (1.42)	8.6 (1.16)	3.5 (0.82)	0.9 ! (0.30)	25.7 (1.82)	57.3 (1.72)	
Middle .....	90.5 (1.10)	9.5 (1.10)	6.0 (0.86)	25.8 (1.48)	24.4 (1.32)	34.3 (1.36)	18.9 (1.46)	81.1 (1.46)	13.1 (1.14)	3.9 (0.66)	1.9 (0.41)	65.2 (1.48)	81.9 (1.25)	
High .....	90.9 (1.21)	9.1 (1.21)	8.4 (1.01)	22.7 (1.47)	25.1 (1.47)	34.8 (1.47)	27.6 (1.35)	72.4 (1.35)	16.3 (1.14)	8.4 (0.93)	2.9 (0.56)	82.6 (1.35)	92.2 (1.10)	
Combined .....	73.7 (5.33)	26.3 (5.33)	10.3 ! (3.69)	29.0 (5.07)	18.6 (4.95)	15.8 (3.49)	15.5 (3.72)	84.5 (3.72)	12.5 (3.34)	‡ (†)	‡ (†)	60.5 (5.79)	72.5 (4.65)	
Enrollment size														
Less than 300 .....	62.8 (3.25)	37.2 (3.25)	12.7 (2.05)	32.3 (2.90)	10.6 (1.85)	7.3 (1.72)	10.4 (2.11)	89.6 (2.11)	6.9 (1.77)	2.7 ! (1.15)	‡ (†)	30.7 (3.35)	55.3 (2.97)	
300 to 499 .....	71.3 (2.34)	28.7 (2.34)	8.2 (1.55)	29.2 (2.33)	17.9 (1.73)	16.0 (1.80)	15.7 (2.14)	84.3 (2.14)	11.6 (1.83)	3.3 (0.91)	‡ (†)	36.4 (2.52)	63.3 (2.47)	
500 to 999 .....	76.4 (1.75)	23.6 (1.75)	5.2 (1.01)	30.7 (1.89)	20.8 (1.30)	19.8 (1.21)	15.9 (1.42)	84.1 (1.42)	10.7 (1.16)	3.8 (0.71)	1.4 ! (0.43)	46.7 (1.74)	72.5 (1.80)	
1,000 or more .....	95.4 (1.22)	4.6 (1.22)	3.6 (0.91)	15.6 (1.92)	22.6 (1.55)	53.7 (2.49)	32.8 (1.61)	67.2 (1.61)	17.9 (1.27)	9.7 (1.10)	5.2 (1.01)	84.9 (1.80)	94.3 (1.32)	
Locale														
City .....	74.9 (2.12)	25.1 (2.12)	4.5 (1.11)	27.7 (2.62)	17.7 (1.62)	25.0 (1.84)	21.7 (2.12)	78.3 (2.12)	14.4 (1.64)	5.7 (0.99)	1.7 (0.45)	47.6 (2.70)	73.5 (2.39)	
Suburban .....	73.5 (2.21)	26.5 (2.21)	6.3 (1.10)	29.7 (1.86)	18.3 (1.50)	19.3 (1.43)	15.5 (1.80)	84.5 (1.80)	9.9 (1.53)	3.6 (0.81)	2.0 ! (0.76)	43.1 (1.97)	66.1 (2.23)	
Town .....	80.3 (3.14)	19.7 (3.14)	8.1 (1.92)	31.2 (3.48)	20.1 (2.25)	20.8 (2.50)	15.6 (2.33)	84.4 (2.33)	10.6 (2.02)	4.1 (1.20)	0.9 ! (0.36)	46.2 (3.22)	74.1 (2.97)	
Rural .....	70.2 (1.91)	29.8 (1.91)	11.4 (1.58)	28.3 (1.67)	16.3 (1.65)	14.2 (1.47)	13.2 (1.51)	86.8 (1.51)	8.9 (1.38)	3.1 (0.84)	1.3 ! (0.48)	41.1 (2.51)	62.6 (2.62)	
Racial/ethnic concentration														
More than 50 percent White .....	71.3 (1.41)	28.7 (1.41)	9.4 (0.86)	29.3 (1.23)	16.3 (1.10)	16.4 (0.95)	13.9 (0.97)	86.1 (0.97)	9.1 (0.80)	3.3 (0.63)	1.4 (0.36)	42.0 (1.51)	64.2 (1.50)	
More than 50 percent Black .....	82.1 (3.77)	17.9 (3.77)	‡ (†)	24.9 (4.06)	26.2 (2.93)	29.3 (3.34)	21.0 (2.95)	79.0 (2.95)	13.4 (2.47)	6.1 (1.60)	‡ (†)	46.6 (4.33)	70.9 (4.00)	
More than 50 percent Hispanic .....	76.7 (2.15)	23.3 (2.15)	5.9 (1.24)	29.8 (2.07)	18.0 (1.75)	22.9 (2.07)	20.9 (2.16)	79.1 (2.16)	14.1 (1.97)	5.1 (0.91)	1.7 (0.48)	48.3 (2.66)	76.8 (2.40)	
Percentage of students in school eligible for free or reduced-price lunch														
0 to 25 .....	62.6 (3.07)	37.4 (3.07)	7.4 (1.32)	27.9 (2.10)	15.1 (1.90)	12.1 (1.38)	10.5 (1.22)	89.5 (1.22)	7.3 (1.06)	1.7 (0.41)	1.5 ! (0.47)	40.3 (2.20)	56.2 (3.03)	
26 to 50 .....	76.0 (2.13)	24.0 (2.13)	9.0 (1.60)	30.5 (2.43)	17.6 (1.47)	18.9 (1.39)	16.2 (1.89)	83.8 (1.89)	11.3 (1.40)	3.9 (1.01)	1.0 (0.24)	48.8 (2.90)	68.2 (2.49)	
51 to 75 .....	73.8 (2.49)	26.2 (2.49)	7.9 (1.40)	27.4 (2.16)	17.5 (1.79)	21.0 (1.69)	15.8 (1.67)	84.2 (1.67)	10.4 (1.26)	4.4 (0.81)	1.0 ! (0.44)	41.2 (2.53)	73.5 (2.12)	
76 to 100 .....	81.4 (2.49)	18.6 (2.49)	5.9 (1.50)	30.0 (3.07)	20.8 (2.19)	24.7 (2.30)	22.9 (2.60)	77.1 (2.60)	14.2 (2.12)	6.0 (1.21)	2.7 ! (1.13)	45.5 (2.73)	72.1 (2.82)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Violent incidents include serious violent incidents (rape or attempted rape, sexual battery other than rape, physical attack or fight with a weapon, threat of physical attack with a weapon, and robbery with or without a weapon), physical attack or fight without a weapon, and threat of physical attack without a weapon.

<sup>2</sup>Serious violent incidents include rape or attempted rape, sexual battery other than rape, physical attack or fight with a weapon, threat of physical attack with a weapon, and robbery with or without a weapon.

<sup>3</sup>Theft/larceny (taking things worth over \$10 without personal confrontation) includes pocket picking, stealing a purse or backpack (if left unattended or if no force was used to take it from owner), theft from a building, theft from a motor vehicle or of motor vehicle parts or accessories, theft of bicycles, theft from vending machines, and all other types of thefts.

<sup>4</sup>Other incidents include possession of a firearm or explosive device; possession of a knife or sharp object; distribution, possession, or use of illegal drugs or alcohol; inappropriate distribution, possession, or use of prescription drugs; and vandalism.

<sup>5</sup>Primary schools are defined as schools in which the lowest grade is not higher than grade 3 and the highest grade is not higher than grade 8. Middle schools are defined as schools in which the lowest grade is not lower than grade 4 and the highest grade is not higher than grade 9. High schools are defined as schools in which the lowest grade is not lower than grade 9 and the highest grade is not higher than grade 12. Combined schools are defined as schools with other combinations of grades, including K–12 schools.

NOTE: "At school" was defined to include activities that happen in school buildings, on school grounds, on school buses, and at places holding school-sponsored events or activities. Includes incidents that occurred before, during, or after normal school hours or when school activities or events were in session. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2009–10 School Survey on Crime and Safety (SSOCS), 2010. (This table was prepared October 2012.)

**Table 192. Number of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2006**

[Standard errors appear in parentheses]

State	Students suspended <sup>1</sup>															
	Total	Sex		Race/ethnicity												
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native								
1	2	3	4	5	6	7	8	9								
<b>United States</b>	<b>3,328,750</b>	<b>(20,038)</b>	<b>2,272,290</b>	<b>(13,667)</b>	<b>1,056,470</b>	<b>(6,842)</b>	<b>1,302,410</b>	<b>(9,493)</b>	<b>1,244,820</b>	<b>(11,267)</b>	<b>670,700</b>	<b>(6,889)</b>	<b>63,220</b>	<b>(836)</b>	<b>47,610</b>	<b>(2,861)</b>
Alabama	75,090	(727)	50,580	(485)	24,510	(256)	25,730	(380)	47,810	(690)	960	(11)	260	(#)	330	(26)
Alaska	8,060	(427)	5,660	(306)	2,390	(124)	3,470	(72)	620	(5)	380	(10)	460	(33)	3,120	(402)
Arizona	56,000	(1,117)	40,900	(800)	15,110	(347)	19,130	(291)	5,960	(118)	25,010	(387)	660	(9)	5,250	(973)
Arkansas	34,920	(1,191)	24,870	(910)	10,050	(318)	16,340	(757)	16,310	(819)	1,870	(121)	260	(23)	150	(19)
California	474,590	(11,349)	340,090	(8,199)	134,500	(3,481)	115,320	(3,178)	84,860	(4,117)	242,110	(6,179)	24,690	(770)	7,600	(1,531)
Colorado	47,650	(463)	33,580	(353)	14,070	(142)	22,380	(339)	6,030	(12)	17,600	(185)	850	(7)	790	(72)
Connecticut	36,370	(2,749)	24,240	(1,770)	12,130	(999)	14,430	(1,304)	12,700	(1,536)	8,620	(890)	510	(43)	100	(17)
Delaware <sup>3</sup>	12,150	(†)	7,890	(†)	4,260	(†)	3,890	(†)	7,110	(†)	1,020	(†)	110	(†)	20	(†)
District of Columbia <sup>3</sup>	210	(†)	120	(†)	80	(†)	10	(†)	190	(†)	10	(†)	0	(†)	0	(†)
Florida	291,820	(3,692)	192,470	(2,270)	99,350	(1,454)	105,550	(1,744)	129,630	(2,599)	54,170	(534)	1,890	(18)	580	(49)
Georgia	143,560	(2,598)	95,080	(1,757)	48,470	(877)	37,670	(1,334)	96,980	(1,684)	7,800	(297)	1,010	(22)	90	(4)
Hawaii <sup>3</sup>	9,770	(†)	6,640	(†)	3,120	(†)	1,290	(†)	290	(†)	310	(†)	7,810	(†)	70	(†)
Idaho	9,100	(434)	6,980	(326)	2,120	(115)	6,850	(385)	90	(5)	1,750	(85)	70	(3)	350 !	(109)
Illinois	130,650	(2,807)	86,950	(1,987)	43,700	(892)	41,270	(1,742)	63,590	(1,940)	24,340	(637)	1,330	(40)	130	(10)
Indiana	77,460	(2,737)	53,300	(1,860)	24,170	(945)	49,720	(2,094)	22,420	(1,266)	4,850	(557)	310	(30)	160	(17)
Iowa	14,190	(440)	9,860	(294)	4,330	(167)	10,000	(397)	2,960	(64)	930	(37)	160	(16)	140	(6)
Kansas	24,300	(701)	17,160	(531)	7,140	(197)	13,680	(621)	5,920	(67)	3,950	(71)	350	(8)	400	(32)
Kentucky	43,420	(2,319)	29,840	(1,636)	13,580	(734)	32,800	(1,780)	9,870	(1,002)	620	(46)	90	(11)	40	(9)
Louisiana	67,780	(2,535)	44,370	(1,636)	23,410	(911)	23,370	(1,721)	43,040	(1,536)	730	(21)	230	(12)	410	(107)
Maine	8,540	(440)	6,340	(345)	2,200	(114)	7,880	(421)	420	(16)	110	(22)	80	(4)	50	(8)
Maryland <sup>3</sup>	60,550	(†)	38,780	(†)	21,770	(†)	23,600	(†)	26,450	(†)	9,220	(†)	1,000	(†)	290	(†)
Massachusetts	49,930	(2,490)	32,960	(1,580)	16,970	(944)	28,040	(1,627)	7,650	(311)	12,780	(1,231)	1,230	(100)	230	(27)
Michigan	131,750	(5,404)	89,450	(3,547)	42,310	(2,039)	71,480	(2,916)	52,580	(4,227)	5,650	(528)	980	(136)	1,060	(133)
Minnesota	30,780	(674)	21,360	(476)	9,420	(234)	15,760	(541)	9,910	(189)	2,440	(110)	1,130	(17)	1,540	(194)
Mississippi	51,940	(1,756)	34,420	(1,154)	17,520	(623)	13,050	(565)	38,250	(1,495)	380	(34)	120	(18)	130	(35)
Missouri	67,820	(2,020)	47,010	(1,408)	20,810	(643)	32,790	(1,174)	32,560	(1,551)	1,780	(63)	450	(13)	240	(15)
Montana	6,500	(232)	4,600	(163)	1,900	(78)	4,490	(177)	70	(3)	120	(6)	40	(2)	1,780	(157)
Nebraska	10,600	(185)	7,240	(142)	3,360	(49)	5,620	(121)	2,820	(5)	1,770	(71)	100	(2)	280	(25)
Nevada <sup>3</sup>	31,620	(†)	20,690	(†)	10,930	(†)	9,700	(†)	7,360	(†)	12,850	(†)	1,270	(†)	440	(†)
New Hampshire	10,170	(498)	6,770	(399)	3,400	(111)	9,080	(489)	310	(8)	670	(7)	80	(6)	30	(2)
New Jersey	79,030	(3,559)	53,730	(2,347)	25,300	(1,260)	28,260	(2,252)	30,520	(1,609)	18,700	(1,170)	1,490	(104)	70	(12)
New Mexico	17,140	(572)	11,560	(387)	5,570	(196)	3,970	(171)	590	(15)	9,510	(497)	110	(3)	2,960	(79)
New York	106,670	(3,845)	72,970	(2,437)	33,700	(1,456)	49,950	(1,918)	38,640	(2,377)	16,040	(857)	1,360	(88)	680	(124)
North Carolina	149,780	(6,774)	101,920	(4,535)	47,860	(2,350)	50,630	(2,234)	85,000	(4,561)	9,250	(392)	790	(43)	4,100	(1,947)
North Dakota	2,140	(153)	1,460	(100)	670	(59)	1,260	(71)	100	(2)	50	(3)	20	(1)	720	(135)
Ohio	109,370	(4,049)	73,860	(2,696)	35,500	(1,442)	62,880	(2,712)	43,030	(2,880)	2,810	(357)	570	(56)	90	(10)
Oklahoma	31,160	(966)	21,830	(706)	9,330	(286)	14,940	(627)	8,210	(403)	3,150	(78)	200	(7)	4,660	(233)
Oregon	27,470	(1,028)	20,140	(732)	7,330	(322)	19,520	(773)	1,620	(44)	4,870	(339)	590	(21)	880	(73)
Pennsylvania	114,040	(6,402)	74,950	(4,013)	39,090	(2,435)	53,090	(2,856)	52,730	(4,090)	6,950	(568)	1,190	(202)	90	(16)
Rhode Island	12,250	(1,071)	8,040	(776)	4,210	(309)	6,920	(847)	1,930	(200)	2,950	(143)	340	(30)	120	(24)
South Carolina	83,830	(2,289)	54,320	(1,547)	29,520	(828)	25,750	(1,067)	55,540	(1,753)	2,120	(302)	240	(21)	180 !	(77)
South Dakota	3,100	(161)	2,180	(112)	910	(52)	1,850	(87)	170	(3)	110	(1)	40	(2)	930	(138)
Tennessee	73,380	(2,200)	49,860	(1,562)	23,520	(666)	39,350	(1,655)	31,280	(924)	2,290	(64)	400	(6)	70	(7)
Texas	253,530	(2,298)	173,460	(1,671)	80,070	(693)	46,910	(824)	82,270	(1,276)	121,480	(1,411)	2,410	(16)	460	(12)
Utah	16,350	(119)	11,740	(97)	4,610	(50)	10,020	(98)	540	(2)	4,640	(20)	660	(5)	490	(4)
Vermont	3,430	(136)	2,420	(99)	1,010	(44)	3,260	(129)	100	(8)	30	(4)	30	(3)	20	(2)
Virginia	91,810	(2,805)	61,580	(1,867)	30,230	(991)	35,200	(1,080)	49,590	(2,284)	5,490	(165)	1,370	(38)	170	(13)
Washington	59,920	(1,326)	44,470	(1,011)	15,450	(335)	36,360	(1,082)	7,060	(37)	10,280	(390)	3,180	(33)	3,040	(370)
West Virginia	30,750	(2,986)	21,430	(2,033)	9,330	(962)	27,270	(2,482)	3,090	(548)	310	(73)	50	(11)	30	(8)
Wisconsin	43,680	(1,126)	28,210	(721)	15,460	(449)	18,480	(724)	18,010	(399)	4,650	(65)	660	(16)	1,880 !	(751)
Wyoming	2,680	(400)	1,970	(288)	710	(119)	2,200	(346)	40	(5)	250	(43)	20	(3)	160	(46)

See notes at end of table.

**Table 192. Number of students suspended and expelled from public elementary and secondary schools, by sex, race/ethnicity, and state: 2006—Continued**

[Standard errors appear in parentheses]

State	Students expelled <sup>2</sup>															
	Total	Sex		Race/ethnicity												
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	American Indian/ Alaska Native								
1	10	11	12	13	14	15	16	17								
United States .....	102,080	(1,329)	76,360	(976)	25,720	(398)	38,030	(612)	38,640	(935)	22,140	(388)	1,720	(44)	1,550	(69)
Alabama .....	1,300	(21)	900	(21)	400	(5)	390	(8)	870	(19)	40	(#)	#	(†)	#	(†)
Alaska .....	180	(4)	140	(2)	50	(4)	100	(3)	30	(#)	10	(#)	10	(#)	40	(2)
Arizona .....	660	(41)	530	(36)	130	(6)	260	(32)	60	(3)	300	(16)	10	(#)	40	(5)
Arkansas .....	500	(43)	360	(29)	130	(19)	310	(32)	150	(15)	30 !	(9)	10	(2)	#	(†)
California .....	19,460	(608)	15,600	(477)	3,870	(152)	5,350	(230)	3,010	(128)	9,960	(360)	860	(40)	280	(37)
Colorado .....	2,210	(62)	1,760	(43)	450	(25)	1,000	(32)	260	(2)	860	(47)	30	(1)	60	(12)
Connecticut .....	1,330	(135)	970	(87)	360	(56)	470	(54)	490	(80)	340	(53)	20	(4)	#	(†)
Delaware <sup>3</sup> .....	230	(†)	170	(†)	50	(†)	100	(†)	110	(†)	10	(†)	#	(†)	0	(†)
District of Columbia <sup>3</sup> .....	130	(†)	70	(†)	60	(†)	#	(†)	120	(†)	10	(†)	#	(†)	0	(†)
Florida .....	1,120	(71)	860	(60)	270	(12)	530	(39)	420	(33)	160	(9)	#	(†)	10	(1)
Georgia .....	3,660	(170)	2,740	(131)	930	(46)	1,390	(93)	2,100	(92)	150	(15)	20	(2)	#	(†)
Hawaii <sup>3</sup> .....	0	(†)	0	(†)	0	(†)	0	(†)	0	(†)	0	(†)	0	(†)	0	(†)
Idaho .....	230	(11)	190	(9)	40	(5)	140	(9)	#	(†)	70	(6)	(†)	(†)	20	(4)
Illinois .....	2,760	(132)	2,040	(80)	730	(60)	890	(116)	1,390	(31)	460	(14)	20	(4)	#	(†)
Indiana .....	6,620	(395)	4,560	(272)	2,060	(137)	4,510	(309)	1,610	(119)	460	(45)	30	(6)	20	(4)
Iowa .....	200	(39)	160	(31)	40	(8)	160	(34)	20	(3)	20 !	(6)	#	(†)	#	(†)
Kansas .....	850	(63)	630	(35)	220	(30)	430	(58)	280	(7)	110	(6)	20	(2)	10 !	(6)
Kentucky .....	540	(110)	370	(72)	170 !	(45)	400	(67)	†	(†)	#	(†)	#	(†)	#	(†)
Louisiana .....	5,800	(212)	4,120	(159)	1,680	(56)	1,500	(113)	4,180	(157)	70	(3)	20	(1)	20	(4)
Maine .....	160	(21)	130	(14)	40 !	(10)	160	(21)	#	(†)	#	(†)	#	(†)	#	(†)
Maryland <sup>3</sup> .....	1,560	(†)	1,190	(†)	360	(†)	340	(†)	1,010	(†)	200	(†)	20	(†)	#	(†)
Massachusetts .....	530	(35)	410	(27)	120	(12)	200	(31)	180	(8)	140	(7)	10	(2)	#	(†)
Michigan .....	2,140	(149)	1,610	(113)	530	(46)	1,030	(77)	950	(108)	110	(15)	30	(5)	20 !	(6)
Minnesota .....	250	(16)	200	(15)	50	(5)	150	(12)	50	(1)	20	(3)	10	(1)	20 !	(7)
Mississippi .....	1,490	(73)	1,090	(64)	400	(15)	290	(47)	1,190	(45)	10	(#)	#	(†)	#	(†)
Missouri .....	280	(36)	220	(26)	60	(15)	210	(35)	60	(4)	10	(#)	#	(†)	#	(†)
Montana .....	100	(10)	90	(9)	20	(3)	60	(8)	#	(†)	#	(†)	#	(†)	40	(7)
Nebraska .....	650	(11)	480	(9)	170	(2)	290	(7)	210	(†)	110	(4)	10	(#)	30	(4)
Nevada <sup>3</sup> .....	1,520	(†)	1,190	(†)	340	(†)	490	(†)	410	(†)	530	(†)	70	(†)	20	(†)
New Hampshire .....	120 !	(38)	80 !	(22)	40 !	(17)	100 !	(36)	10	(2)	#	(†)	#	(†)	#	(†)
New Jersey .....	270 !	(118)	250 !	(118)	20 !	(5)	100 !	(49)	70 !	(23)	80 !	(39)	†	(†)	#	(†)
New Mexico .....	240	(16)	200	(14)	50	(3)	40	(3)	10	(#)	110	(10)	10	(#)	80	(10)
New York .....	890	(180)	700	(143)	190	(41)	580	(144)	240 !	(75)	60 !	(11)	10	(3)	†	(†)
North Carolina .....	1,970 !	(830)	1,480 !	(572)	†	(†)	300	(52)	1,580 !	(821)	60	(9)	10	(1)	30	(8)
North Dakota .....	20	(6)	20	(4)	#	(†)	10	(2)	#	(†)	#	(†)	#	(†)	10 !	(5)
Ohio .....	8,150	(319)	5,450	(223)	2,700	(115)	2,810	(214)	4,970	(194)	340	(27)	30	(4)	10	(1)
Oklahoma .....	2,200	(73)	1,550	(55)	650	(23)	1,070	(47)	640	(22)	130	(7)	20	(4)	330	(22)
Oregon .....	1,890	(140)	1,490	(124)	400	(24)	1,320	(105)	110	(17)	360	(12)	50	(8)	60	(9)
Pennsylvania .....	2,750	(122)	1,890	(93)	860	(40)	1,110	(88)	1,440	(61)	160	(11)	30	(6)	#	(†)
Rhode Island .....	#	(†)	#	(†)	#	(†)	#	(†)	#	(†)	#	(†)	#	(†)	#	(†)
South Carolina .....	5,130	(271)	3,730	(201)	1,400	(81)	1,390	(97)	3,650	(224)	70	(10)	20	(4)	10	(3)
South Dakota .....	120 !	(52)	90 !	(39)	30 !	(13)	†	(†)	#	(†)	10	(3)	#	(†)	80 !	(29)
Tennessee .....	3,200	(77)	2,440	(60)	760	(21)	1,350	(70)	1,700	(9)	120	(2)	30	(#)	10	(#)
Texas .....	11,990	(232)	9,010	(190)	2,980	(50)	2,630	(115)	3,760	(90)	5,450	(91)	120	(#)	30	(#)
Utah .....	250	(5)	190	(5)	60	(#)	160	(5)	20	(#)	40	(1)	10	(#)	10	(1)
Vermont .....	40 !	(16)	40	(14)	10 !	(2)	40 !	(16)	#	(†)	#	(†)	#	(†)	#	(†)
Virginia .....	1,150	(174)	980	(163)	170	(18)	580	(162)	440	(45)	90	(5)	40	(2)	#	(†)
Washington .....	3,470	(130)	2,770	(104)	700	(35)	2,140	(101)	280	(6)	720	(40)	140	(2)	190	(34)
West Virginia .....	210	(34)	140	(22)	60	(14)	190	(30)	10 !	(5)	#	(†)	#	(†)	#	(†)
Wisconsin .....	1,470	(65)	1,030	(50)	440	(26)	830	(60)	430	(10)	140	(12)	20	(2)	40 !	(13)
Wyoming .....	100	(16)	90	(12)	10 !	(4)	90	(16)	#	(†)	10	(#)	#	(†)	#	(†)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>A student is counted only once, even if suspended more than once during the same school year.

<sup>2</sup>A student is counted only once, even if expelled more than once during the same school year.

<sup>3</sup>Data are based on universe counts of schools and school districts; therefore, these figures do not have standard errors.

NOTE: Suspension is excluding a student from school for disciplinary reasons for 1 school day or longer. Expulsion is the exclusion of a student from school for disciplinary reasons that results in the student's removal from school attendance rolls or that meets the criteria for expulsion as defined by the appropriate state or local school authority. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Office for Civil Rights, Civil Rights Data Collection: 2006. (This table was prepared July 2008.)



**Table 194. Percentage of students in grades 9 through 12 who reported experience with drugs and violence on school property, by race/ethnicity, grade, and sex: Selected years, 1997 through 2011**  
 [Standard errors appear in parentheses]

Type of violence or drug-related behavior, and sex	1997 total	2005 total	2009 total	2011											
				Total	Race/ethnicity							Grade			
					White	Black	Hispanic	Asian	Native Hawaiian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	9th	10th	11th	12th
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Felt too unsafe to go to school<sup>1</sup></b> .....	<b>4.0 (0.6)</b>	<b>6.0 (0.61)</b>	<b>5.0 (0.34)</b>	<b>5.9 (0.44)</b>	<b>4.4 (0.43)</b>	<b>6.7 (0.80)</b>	<b>9.1 (0.72)</b>	<b>6.2 (1.00)</b>	<b>7.6 ! (2.52)</b>	<b>8.8 (1.82)</b>	<b>7.2 (1.28)</b>	<b>5.8 (0.62)</b>	<b>6.8 (0.73)</b>	<b>5.2 (0.55)</b>	<b>5.5 (0.56)</b>
Male .....	4.1 (0.8)	5.7 (0.56)	4.6 (0.43)	5.9 (0.47)	4.0 (0.45)	8.0 (0.91)	8.5 (1.01)	7.8 (1.54)	† (†)	9.0 (1.98)	6.2 ! (1.99)	5.4 (0.64)	6.4 (0.93)	5.3 (0.65)	5.9 (0.72)
Female .....	3.9 (0.7)	6.3 (0.77)	5.3 (0.38)	6.0 (0.54)	4.8 (0.56)	5.3 (1.05)	9.6 (1.02)	4.3 ! (1.79)	† (†)	8.5 (2.22)	8.1 (1.76)	6.3 (0.81)	7.1 (0.89)	5.1 (0.73)	5.2 (0.77)
<b>Carried a weapon on school property<sup>1,2</sup></b> .....	<b>8.5 (1.5)</b>	<b>6.5 (0.46)</b>	<b>5.6 (0.32)</b>	<b>5.4 (0.35)</b>	<b>5.1 (0.40)</b>	<b>4.6 (0.67)</b>	<b>5.8 (0.70)</b>	<b>4.3 ! (1.66)</b>	<b>10.9 ! (3.73)</b>	<b>7.6 (1.62)</b>	<b>7.5 (1.87)</b>	<b>4.8 (0.50)</b>	<b>6.1 (0.72)</b>	<b>4.7 (0.44)</b>	<b>5.6 (0.51)</b>
Male .....	12.5 (2.9)	10.2 (0.82)	8.0 (0.52)	8.2 (0.59)	7.8 (0.68)	6.7 (1.07)	8.8 (1.23)	7.8 ! (3.09)	† (†)	10.5 (1.59)	12.0 (3.35)	7.4 (0.95)	9.4 (1.27)	7.5 (0.71)	8.2 (0.95)
Female .....	3.7 (0.7)	2.6 (0.31)	2.9 (0.24)	2.3 (0.19)	2.3 (0.24)	2.5 (0.54)	2.6 (0.48)	† (†)	† (†)	† (†)	3.0 ! (0.91)	2.1 (0.36)	2.5 (0.41)	1.8 (0.33)	2.8 (0.45)
<b>Threatened or injured with a weapon on school property<sup>3</sup></b> .....	<b>7.4 (0.9)</b>	<b>7.9 (0.36)</b>	<b>7.7 (0.37)</b>	<b>7.4 (0.31)</b>	<b>6.2 (0.35)</b>	<b>8.9 (0.64)</b>	<b>9.2 (0.81)</b>	<b>7.0 (0.99)</b>	<b>11.3 (3.23)</b>	<b>8.2 (1.52)</b>	<b>9.9 (1.35)</b>	<b>8.3 (0.63)</b>	<b>7.7 (0.58)</b>	<b>7.3 (0.61)</b>	<b>5.9 (0.45)</b>
Male .....	10.2 (1.4)	9.7 (0.41)	9.6 (0.59)	9.5 (0.39)	8.0 (0.40)	11.2 (1.34)	12.1 (1.28)	8.0 (1.34)	† (†)	9.7 (1.79)	11.3 (2.29)	10.3 (0.87)	9.7 (0.87)	9.2 (0.90)	8.3 (0.68)
Female .....	4.0 (0.6)	6.1 (0.41)	5.5 (0.37)	5.2 (0.37)	4.2 (0.48)	6.6 (0.88)	6.0 (0.61)	5.8 ! (2.12)	† (†)	6.6 (1.62)	8.5 (1.83)	6.2 (0.69)	5.3 (0.63)	5.3 (0.62)	3.4 (0.57)
<b>Engaged in a physical fight on school property<sup>3</sup></b> .....	<b>14.8 (1.3)</b>	<b>13.6 (0.56)</b>	<b>11.1 (0.54)</b>	<b>12.0 (0.39)</b>	<b>9.9 (0.51)</b>	<b>16.4 (0.89)</b>	<b>14.4 (0.79)</b>	<b>6.2 (1.06)</b>	<b>20.9 (4.41)</b>	<b>12.0 (1.77)</b>	<b>16.6 (1.41)</b>	<b>16.2 (0.77)</b>	<b>12.8 (0.86)</b>	<b>9.2 (0.55)</b>	<b>8.8 (0.69)</b>
Male .....	20.0 (2.0)	18.2 (0.92)	15.1 (1.05)	16.0 (0.58)	13.8 (0.80)	19.6 (1.33)	19.4 (1.01)	10.0 (1.88)	† (†)	16.0 (3.70)	19.0 (2.84)	21.7 (1.21)	17.0 (1.23)	12.3 (0.97)	11.5 (1.21)
Female .....	8.6 (1.5)	8.8 (0.51)	6.7 (0.42)	7.8 (0.43)	5.6 (0.54)	13.1 (1.29)	9.0 (0.69)	† (†)	† (†)	7.7 (1.60)	14.4 (2.02)	10.4 (0.82)	8.0 (0.92)	6.0 (0.75)	6.1 (0.69)
<b>Cigarette use on school property<sup>1</sup></b> .....	<b>14.6 (1.5)</b>	<b>6.8 (0.41)</b>	<b>5.1 (0.31)</b>	<b>4.9 (0.25)</b>	<b>5.4 (0.41)</b>	<b>3.0 (0.55)</b>	<b>4.4 (0.44)</b>	<b>2.0 ! (0.80)</b>	<b>9.8 ! (3.89)</b>	<b>8.4 (1.48)</b>	<b>6.7 (1.27)</b>	<b>2.8 (0.33)</b>	<b>4.4 (0.49)</b>	<b>6.0 (0.55)</b>	<b>6.6 (0.56)</b>
Male .....	15.9 (1.7)	7.4 (0.41)	6.2 (0.48)	5.7 (0.38)	5.8 (0.59)	4.3 (0.72)	5.5 (0.63)	3.0 ! (1.34)	† (†)	9.4 (1.62)	8.0 (2.06)	3.4 (0.49)	4.6 (0.71)	6.7 (1.01)	8.5 (0.70)
Female .....	13.0 (2.2)	6.2 (0.61)	4.0 (0.32)	4.1 (0.34)	5.0 (0.54)	1.8 ! (0.72)	3.1 (0.48)	† (†)	† (†)	7.4 ! (2.98)	5.5 (1.31)	2.2 (0.38)	4.2 (0.61)	5.2 (0.70)	4.7 (0.94)
<b>Smokeless tobacco use on school property<sup>4</sup></b> .....	<b>5.1 (1.4)</b>	<b>5.0 (0.61)</b>	<b>5.5 (0.59)</b>	<b>4.8 (0.46)</b>	<b>5.6 (0.64)</b>	<b>2.0 (0.44)</b>	<b>3.7 (0.54)</b>	<b>3.9 ! (1.32)</b>	<b>8.2 ! (2.76)</b>	<b>9.7 (1.25)</b>	<b>5.9 ! (2.09)</b>	<b>3.8 (0.66)</b>	<b>4.5 (0.57)</b>	<b>5.0 (0.57)</b>	<b>5.7 (0.64)</b>
Male .....	9.0 (2.5)	9.2 (1.12)	9.4 (1.16)	8.4 (0.84)	10.1 (1.24)	3.5 (0.77)	5.7 (0.77)	7.2 ! (2.43)	† (†)	15.4 (1.87)	11.0 ! (4.00)	6.4 (1.21)	7.8 (1.00)	9.1 (1.06)	10.5 (1.20)
Female .....	† (†)	0.8 (0.15)	1.1 (0.16)	0.9 (0.15)	0.8 (0.20)	† (†)	1.5 ! (0.53)	# (†)	† (†)	3.5 ! (1.39)	† (†)	0.9 ! (0.33)	1.0 ! (0.32)	0.8 ! (0.31)	0.7 ! (0.31)
<b>Alcohol use on school property<sup>1</sup></b> .....	<b>5.6 (0.7)</b>	<b>4.3 (0.31)</b>	<b>4.5 (0.29)</b>	<b>5.1 (0.33)</b>	<b>4.0 (0.38)</b>	<b>5.2 (0.50)</b>	<b>7.3 (0.68)</b>	<b>3.5 ! (1.21)</b>	<b>8.4 ! (3.61)</b>	<b>20.9 (4.15)</b>	<b>5.8 (1.32)</b>	<b>5.4 (0.56)</b>	<b>4.4 (0.51)</b>	<b>5.2 (0.56)</b>	<b>5.1 (0.48)</b>
Male .....	7.2 (1.3)	5.3 (0.41)	5.3 (0.41)	5.4 (0.43)	4.2 (0.48)	6.5 (0.78)	7.9 (0.99)	3.6 ! (1.34)	† (†)	17.7 (4.71)	7.1 ! (2.19)	5.7 (0.80)	4.2 (0.66)	5.4 (0.69)	6.4 (0.81)
Female .....	3.6 (0.7)	3.3 (0.31)	3.6 (0.34)	4.7 (0.35)	3.8 (0.40)	3.8 (0.44)	6.6 (0.66)	3.3 ! (1.33)	† (†)	24.3 (3.44)	4.6 (1.27)	5.2 (0.72)	4.5 (0.64)	4.9 (0.69)	3.8 (0.59)
<b>Marijuana use on school property<sup>1</sup></b> .....	<b>7.0 (1.0)</b>	<b>4.5 (0.31)</b>	<b>4.6 (0.35)</b>	<b>5.9 (0.39)</b>	<b>4.6 (0.42)</b>	<b>6.7 (0.77)</b>	<b>7.7 (0.54)</b>	<b>4.5 (1.34)</b>	<b>12.5 ! (4.94)</b>	<b>20.9 (4.05)</b>	<b>8.1 (1.79)</b>	<b>5.4 (0.65)</b>	<b>6.2 (0.63)</b>	<b>6.2 (0.70)</b>	<b>5.4 (0.39)</b>
Male .....	9.0 (1.3)	6.0 (0.46)	6.3 (0.54)	7.5 (0.56)	5.6 (0.63)	9.3 (1.21)	9.6 (0.73)	6.9 ! (2.57)	† (†)	27.8 (6.91)	11.28 (2.56)	7.0 (0.97)	8.0 (1.03)	7.5 (1.07)	7.2 (0.62)
Female .....	4.6 (1.1)	3.0 (0.31)	2.8 (0.32)	4.1 (0.32)	3.4 (0.42)	4.1 (0.80)	5.7 (0.58)	† (†)	† (†)	13.4 (2.29)	5.2 ! (1.63)	3.7 (0.58)	4.2 (0.57)	4.7 (0.61)	3.5 (0.52)
<b>Offered, sold, or given an illegal drug on school property<sup>3</sup></b> .....	<b>31.7 (1.8)</b>	<b>25.4 (1.07)</b>	<b>22.7 (1.04)</b>	<b>25.6 (0.99)</b>	<b>22.8 (0.96)</b>	<b>22.8 (1.82)</b>	<b>33.2 (1.70)</b>	<b>23.3 (2.46)</b>	<b>38.9 (5.01)</b>	<b>40.5 (2.80)</b>	<b>33.3 (2.79)</b>	<b>23.7 (1.22)</b>	<b>27.8 (1.21)</b>	<b>27.0 (1.51)</b>	<b>23.8 (1.13)</b>
Male .....	37.4 (2.3)	28.8 (1.22)	25.9 (1.36)	29.2 (1.10)	26.4 (1.18)	28.7 (2.44)	35.8 (1.67)	26.7 (3.51)	† (†)	42.4 (3.06)	35.4 (4.05)	25.9 (1.34)	30.8 (1.85)	32.5 (1.86)	28.1 (1.76)
Female .....	24.7 (2.4)	21.8 (1.02)	19.3 (1.01)	21.7 (1.17)	18.9 (1.30)	17.0 (1.85)	30.5 (1.98)	19.3 (2.57)	† (†)	38.3 (4.24)	31.1 (3.11)	21.3 (1.45)	24.6 (1.40)	21.3 (1.62)	19.3 (1.43)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

#Rounds to zero.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>One or more times during the 30 days preceding the survey.<sup>2</sup>Such as a gun, knife, or club.<sup>3</sup>One or more times during the 12 months preceding the survey.<sup>4</sup>Used chewing tobacco or snuff one or more times during the 30 days preceding the survey.

NOTE: Totals include other racial/ethnic groups not shown separately and students whose racial/ethnic group or grade was not reported. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, Youth Risk Behavior Survey (YRBS), 2011 National YRBS Data Files, retrieved September 7, 2012, from <http://apps.nccd.cdc.gov/youthonline/App/Default.aspx>. (This table was prepared September 2012.)

**Table 195. Percentage of 12- to 17-year-olds reporting use of illicit drugs, alcohol, and cigarettes during the past 30 days and the past year, by substance used, sex, and race/ethnicity: Selected years, 1985 through 2010**

[Standard errors appear in parentheses]

Year, sex, and race/ethnicity	Percent reporting use during past 30 days					Percent reporting use during past year				
	Illicit drugs			Alcohol	Cigarettes	Illicit drugs			Alcohol	Cigarettes
	Any <sup>1</sup>	Marijuana	Cocaine			Any <sup>1</sup>	Marijuana	Cocaine		
1	2	3	4	5	6	7	8	9	10	11
1985.....	13.2 (—)	10.2 (—)	1.5 (—)	41.2 (—)	29.4 (—)	20.7 (—)	16.7 (—)	3.4 (—)	52.7 (—)	29.9 (—)
1990.....	7.1 (—)	4.4 (—)	0.6 (—)	32.5 (—)	22.4 (—)	14.1 (—)	9.6 (—)	1.9 (—)	41.8 (—)	26.2 (—)
1993.....	5.7 (—)	4.0 (—)	0.4 (—)	23.9 (—)	18.5 (—)	11.9 (—)	8.5 (—)	0.7 (—)	35.9 (—)	22.5 (—)
1994.....	8.2 (—)	6.0 (—)	0.3 (—)	21.6 (—)	18.9 (—)	15.5 (—)	11.4 (—)	1.1 (—)	36.2 (—)	24.5 (—)
1995.....	10.9 (—)	8.2 (—)	0.8 (—)	21.1 (—)	20.2 (—)	18.0 (—)	14.2 (—)	1.7 (—)	35.1 (—)	26.6 (—)
1996.....	9.0 (—)	7.1 (—)	0.6 (—)	18.8 (—)	18.3 (—)	16.7 (—)	13.0 (—)	1.4 (—)	32.7 (—)	24.2 (—)
1997.....	11.4 (—)	9.4 (—)	1.0 (—)	20.5 (—)	19.9 (—)	18.8 (—)	15.8 (—)	2.2 (—)	34.0 (—)	26.4 (—)
1998.....	9.9 (—)	8.3 (—)	0.8 (—)	19.1 (—)	18.2 (—)	16.4 (—)	14.1 (—)	1.7 (—)	31.8 (—)	23.8 (—)
1999.....	9.8 (0.23)	7.2 (0.20)	0.5 (0.06)	16.5 (0.30)	14.9 (0.31)	19.8 (0.32)	14.2 (0.29)	1.6 (0.10)	34.1 (0.41)	23.4 (0.37)
2000.....	9.7 (0.24)	7.2 (0.21)	0.6 (0.07)	16.4 (0.29)	13.4 (0.28)	18.6 (0.31)	13.4 (0.27)	1.7 (0.12)	33.0 (0.39)	20.8 (0.34)
2001.....	10.8 (0.26)	8.0 (0.24)	0.4 (0.06)	17.3 (0.33)	13.0 (0.28)	20.8 (0.36)	15.2 (0.32)	1.5 (0.10)	33.9 (0.39)	20.0 (0.35)
2002.....	11.6 (0.29)	8.2 (0.24)	0.6 (0.07)	17.6 (0.32)	13.0 (0.30)	22.2 (0.38)	15.8 (0.32)	2.1 (0.13)	34.6 (0.42)	20.3 (0.35)
2003.....	11.2 (0.27)	7.9 (0.24)	0.6 (0.06)	17.7 (0.33)	12.2 (0.29)	21.8 (0.36)	15.0 (0.31)	1.8 (0.11)	34.3 (0.42)	19.0 (0.36)
2004.....	10.6 (0.27)	7.6 (0.23)	0.5 (0.06)	17.6 (0.32)	11.9 (0.30)	21.0 (0.34)	14.5 (0.31)	1.6 (0.11)	33.9 (0.41)	18.4 (0.35)
2005.....	9.9 (0.25)	6.8 (0.22)	0.6 (0.06)	16.5 (0.32)	10.8 (0.28)	19.9 (0.35)	13.3 (0.30)	1.7 (0.11)	33.3 (0.41)	17.3 (0.36)
2006.....	9.8 (0.27)	6.7 (0.21)	0.4 (0.05)	16.6 (0.32)	10.4 (0.26)	19.6 (0.37)	13.2 (0.31)	1.6 (0.11)	32.9 (0.42)	17.0 (0.35)
2007.....	9.5 (0.27)	6.7 (0.22)	0.4 (0.05)	15.9 (0.34)	9.8 (0.26)	18.7 (0.35)	12.5 (0.30)	1.5 (0.11)	31.8 (0.42)	15.7 (0.34)
2008.....	9.3 (0.24)	6.7 (0.22)	0.4 (0.05)	14.6 (0.31)	9.1 (0.24)	19.0 (0.35)	13.0 (0.29)	1.2 (0.10)	30.8 (0.40)	15.0 (0.31)
2009.....	10.0 (0.27)	7.3 (0.24)	0.3 (0.05)	14.7 (0.32)	8.9 (0.26)	19.5 (0.36)	13.6 (0.31)	1.0 (0.09)	30.3 (0.42)	15.0 (0.33)
Sex.....										
Male.....	10.6 (0.38)	8.3 (0.35)	0.3 (0.08)	15.1 (0.46)	9.2 (0.35)	20.2 (0.51)	15.0 (0.47)	1.2 (0.14)	30.6 (0.58)	15.8 (0.46)
Female.....	9.4 (0.38)	6.3 (0.30)	0.2 (0.06)	14.3 (0.43)	8.6 (0.36)	18.9 (0.50)	12.1 (0.40)	0.8 (0.11)	30.1 (0.56)	14.1 (0.43)
Race/ethnicity.....										
White.....	9.6 (0.32)	7.2 (0.28)	0.3 (0.05)	16.1 (0.41)	10.6 (0.35)	19.2 (0.46)	13.7 (0.39)	1.1 (0.12)	32.0 (0.52)	16.7 (0.42)
Black.....	10.8 (0.72)	7.3 (0.63)	‡ (†)	10.6 (0.71)	5.1 (0.49)	20.1 (0.96)	12.3 (0.78)	0.1 (0.07)	24.2 (0.96)	9.3 (0.69)
Hispanic.....	11.4 (0.74)	8.1 (0.62)	0.7 (0.21)	15.2 (0.82)	7.5 (0.60)	20.9 (0.91)	15.2 (0.87)	1.5 (0.27)	32.4 (1.04)	15.9 (0.87)
Asian.....	5.5 (1.13)	2.9 (0.83)	# (†)	6.5 (1.34)	2.5 (0.71)	11.2 (1.50)	4.9 (1.00)	0.4 (0.27)	17.3 (2.01)	4.7 (1.02)
Native Hawaiian/Pacific Islander.....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
American Indian/Alaska Native.....	14.6 (2.77)	11.5 (2.41)	‡ (†)	11.9 (2.13)	11.6 (2.12)	29.5 (4.16)	19.8 (3.23)	2.2 (1.28)	31.3 (3.88)	21.0 (3.09)
Two or more races.....	11.7 (1.85)	9.6 (1.71)	# (†)	16.7 (2.22)	12.9 (1.99)	24.0 (2.58)	17.3 (2.20)	1.1 (0.43)	30.6 (2.73)	16.9 (2.19)
2010.....	10.1 (0.29)	7.4 (0.25)	0.2 (0.05)	13.6 (0.33)	8.3 (0.26)	19.4 (0.38)	14.0 (0.34)	1.0 (0.09)	28.5 (0.42)	14.1 (0.34)
Sex.....										
Male.....	10.4 (0.41)	8.3 (0.37)	0.3 (0.07)	13.7 (0.46)	8.6 (0.36)	19.4 (0.53)	14.9 (0.48)	0.9 (0.12)	27.7 (0.57)	14.3 (0.46)
Female.....	9.8 (0.41)	6.4 (0.34)	0.2 (0.05)	13.5 (0.45)	8.1 (0.34)	19.4 (0.54)	13.0 (0.44)	1.0 (0.14)	29.4 (0.60)	13.9 (0.46)
Race/ethnicity.....										
White.....	9.7 (0.35)	7.5 (0.31)	0.2 (0.06)	14.9 (0.44)	9.8 (0.35)	19.0 (0.46)	14.0 (0.41)	1.1 (0.12)	29.9 (0.54)	16.1 (0.44)
Black.....	10.8 (0.66)	7.5 (0.57)	‡ (†)	10.8 (0.75)	4.5 (0.48)	19.5 (0.90)	13.6 (0.77)	0.1 (0.04)	23.8 (0.94)	8.3 (0.66)
Hispanic.....	11.8 (0.76)	8.0 (0.63)	0.5 (0.16)	13.9 (0.76)	8.0 (0.58)	22.3 (0.98)	15.8 (0.88)	1.4 (0.26)	30.3 (1.07)	14.0 (0.78)
Asian.....	4.1 (1.00)	2.6 (0.81)	# (†)	4.8 (1.08)	3.6 (1.04)	9.4 (1.51)	5.9 (1.28)	0.5 (0.45)	17.5 (1.90)	6.8 (1.40)
Native Hawaiian/Pacific Islander.....	4.6 (1.54)	1.8 (0.64)	‡ (†)	‡ (†)	3.1 (1.26)	8.2 (2.79)	5.0 (2.22)	‡ (†)	‡ (†)	6.1 (1.87)
American Indian/Alaska Native.....	12.7 (2.54)	9.1 (2.13)	‡ (†)	11.1 (2.18)	14.9 (2.88)	28.3 (3.58)	19.7 (3.20)	‡ (†)	27.1 (3.36)	22.7 (3.44)
Two or more races.....	13.4 (1.91)	8.2 (1.35)	0.2 (0.18)	13.0 (1.52)	9.1 (1.47)	22.9 (2.31)	15.4 (1.82)	0.8 (0.30)	32.0 (2.49)	16.1 (1.93)

—Not available.

‡Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes other illegal drug use not shown separately—specifically, the use of heroin, hallucinogens, and inhalants, as well as the nonmedical use of prescription-type pain relievers, tranquilizers, stimulants, and sedatives.

NOTE: Marijuana includes hashish usage. Data for 1999 and later years were gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years. Because of survey improvements in 2002, the 2002 data constitute

a new baseline for tracking trends. Valid trend comparisons can be made for 1985 through 1998, 1999 through 2001, and 2002 through 2010. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, *National Household Survey on Drug Abuse: Main Findings*, selected years, 1985 through 2001, and National Survey on Drug Use and Health, 2002 through 2010. Retrieved April 19, 2012, from <http://www.oas.samhsa.gov/WebOnly.htm#NSDUHtabs>. (This table was prepared April 2012.)

**Table 196. Percentage of high school seniors reporting use of alcohol and illicit drugs, by frequency of use and substance used: Selected years, 1975 through 2011**

[Standard errors appear in parentheses]

Frequency of use and substance used	Class of 1975	Class of 1980	Class of 1985	Class of 1990	Class of 1995	Class of 2000	Class of 2004	Class of 2005	Class of 2006	Class of 2007	Class of 2008	Class of 2009	Class of 2010	Class of 2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>Ever used</b>														
Alcohol <sup>1</sup> .....	90.4 (0.69)	93.2 (0.46)	92.2 (0.48)	89.5 (0.57)	80.7 (0.73)	80.3 (0.80)	76.8 (0.80)	75.1 (0.81)	72.7 (0.85)	72.2 (0.83)	71.9 (0.85)	72.3 (0.85)	71.0 (0.84)	70.0 (0.88)
Any illicit drug.....	55.2 (1.68)	65.4 (1.23)	60.6 (1.26)	47.9 (1.33)	48.4 (1.32)	54.0 (1.44)	51.1 (1.35)	50.4 (1.35)	48.2 (1.37)	46.8 (1.33)	47.4 (1.35)	46.7 (1.36)	48.2 (1.33)	49.9 (1.38)
Marijuana only.....	19.0 (1.32)	26.7 (1.15)	20.9 (1.05)	18.5 (1.03)	20.3 (1.06)	25.0 (1.25)	22.4 (1.13)	23.0 (1.14)	21.3 (1.12)	21.3 (1.09)	22.5 (1.13)	22.7 (1.15)	23.5 (1.13)	25.0 (1.19)
Any illicit drug other than marijuana <sup>2</sup> .....	36.2 (1.33)	38.7 (1.04)	39.7 (1.04)	29.4 (0.99)	28.1 (0.97)	29.0 (1.08)	28.7 (1.00)	27.4 (0.99)	26.9 (1.00)	25.5 (0.95)	24.9 (0.96)	24.0 (0.96)	24.7 (0.94)	24.9 (0.98)
Selected drugs														
Cocaine.....	9.0 (0.73)	15.7 (0.72)	17.3 (0.74)	9.4 (0.59)	6.0 (0.48)	8.6 (0.62)	8.1 (0.56)	8.0 (0.56)	8.5 (0.58)	7.8 (0.54)	7.2 (0.53)	6.0 (0.49)	5.5 (0.46)	5.2 (0.47)
Heroin.....	2.2 (0.21)	1.1 (0.12)	1.2 (0.12)	1.3 (0.13)	1.6 (0.14)	2.4 (0.19)	1.5 (0.14)	1.5 (0.14)	1.4 (0.14)	1.5 (0.14)	1.3 (0.13)	1.2 (0.13)	1.6 (0.14)	1.4 (0.14)
LSD.....	11.3 (0.81)	9.3 (0.57)	7.5 (0.52)	8.7 (0.57)	11.7 (0.64)	11.1 (0.69)	4.6 (0.43)	3.5 (0.38)	3.3 (0.37)	3.4 (0.37)	4.0 (0.40)	3.1 (0.36)	4.0 (0.40)	4.0 (0.41)
Marijuana/hashish.....	47.3 (1.68)	60.3 (1.27)	54.2 (1.83)	40.7 (1.30)	41.7 (1.30)	48.8 (1.45)	45.7 (1.35)	44.8 (1.34)	42.3 (1.36)	41.8 (1.31)	42.6 (1.34)	42.0 (1.35)	43.8 (1.32)	45.5 (1.37)
PCP.....	— (†)	9.6 (0.33)	4.9 (0.24)	2.8 (0.19)	2.7 (0.18)	3.4 (0.23)	1.6 (0.15)	2.4 (0.18)	2.2 (0.17)	2.1 (0.17)	1.8 (0.16)	1.7 (0.15)	1.8 (0.15)	2.3 (0.18)
<b>Used during past 12 months</b>														
Alcohol <sup>1</sup> .....	84.8 (0.84)	87.9 (0.59)	85.6 (0.63)	80.6 (0.73)	73.7 (0.81)	73.2 (0.89)	70.6 (0.86)	68.6 (0.87)	66.5 (0.90)	66.4 (0.88)	65.5 (0.90)	66.2 (0.90)	65.2 (0.88)	63.5 (0.92)
Any illicit drug.....	45.0 (1.64)	53.1 (1.26)	46.3 (1.26)	32.5 (1.21)	39.0 (1.26)	40.9 (1.39)	38.8 (1.29)	38.4 (1.28)	36.5 (1.29)	35.9 (1.25)	36.6 (1.27)	36.5 (1.29)	38.3 (1.26)	40.0 (1.32)
Marijuana only.....	18.8 (1.29)	22.7 (1.06)	18.9 (0.99)	14.6 (0.91)	19.6 (1.02)	20.5 (1.14)	18.3 (1.02)	18.8 (1.03)	17.3 (1.01)	17.4 (0.99)	18.3 (1.02)	19.5 (1.06)	21.0 (1.06)	22.4 (1.12)
Any illicit drug other than marijuana <sup>2</sup> .....	26.2 (1.15)	30.4 (0.92)	27.4 (0.89)	17.9 (0.79)	19.4 (0.81)	20.4 (0.90)	20.5 (0.85)	19.7 (0.83)	19.2 (0.84)	18.5 (0.80)	18.3 (0.81)	17.0 (0.79)	17.3 (0.78)	17.6 (0.81)
Selected drugs														
Cocaine.....	5.6 (0.52)	12.3 (0.58)	13.1 (0.59)	5.3 (0.40)	4.0 (0.35)	5.0 (0.43)	5.3 (0.41)	5.1 (0.40)	5.7 (0.43)	5.2 (0.40)	4.4 (0.38)	3.4 (0.34)	2.9 (0.30)	2.9 (0.31)
Heroin.....	1.0 (0.13)	0.5 (0.07)	0.6 (0.07)	0.5 (0.07)	1.1 (0.10)	1.5 (0.13)	0.9 (0.10)	0.8 (0.09)	0.8 (0.09)	0.9 (0.09)	0.7 (0.08)	0.7 (0.09)	0.9 (0.09)	0.8 (0.09)
LSD.....	7.2 (0.59)	6.5 (0.43)	4.4 (0.36)	5.4 (0.41)	8.4 (0.49)	6.6 (0.49)	2.2 (0.27)	1.8 (0.24)	1.7 (0.24)	2.1 (0.26)	2.7 (0.30)	1.9 (0.25)	2.6 (0.29)	2.7 (0.30)
Marijuana/hashish.....	40.0 (1.61)	48.8 (1.27)	40.6 (1.24)	27.0 (1.15)	34.7 (1.23)	36.5 (1.36)	34.3 (1.25)	33.6 (1.24)	31.5 (1.24)	31.7 (1.21)	32.4 (1.24)	32.8 (1.25)	34.8 (1.24)	36.4 (1.29)
PCP.....	— (†)	4.4 (0.20)	2.9 (0.16)	1.2 (0.11)	1.8 (0.13)	2.3 (0.16)	0.7 (0.08)	1.3 (0.11)	0.7 (0.09)	0.9 (0.09)	1.1 (0.11)	1.0 (0.10)	1.0 (0.10)	1.3 (0.12)
<b>Used during past 30 days</b>														
Alcohol <sup>1</sup> .....	68.2 (1.10)	72.0 (0.81)	65.9 (0.85)	57.1 (0.92)	51.3 (0.92)	50.0 (1.01)	48.0 (0.94)	47.0 (0.94)	45.3 (0.95)	44.4 (0.92)	43.1 (0.93)	43.5 (0.95)	41.2 (0.91)	40.0 (0.94)
Any illicit drug.....	30.7 (1.35)	37.2 (1.09)	29.7 (1.03)	17.2 (0.87)	23.8 (0.98)	24.9 (1.09)	23.4 (1.00)	23.1 (0.99)	21.5 (0.98)	21.9 (0.96)	22.3 (0.98)	23.3 (1.01)	23.8 (0.99)	25.2 (1.04)
Marijuana only.....	15.3 (1.06)	18.8 (0.88)	14.8 (0.80)	9.2 (0.67)	13.8 (0.79)	14.5 (0.89)	18.3 (0.91)	12.8 (0.78)	11.7 (0.77)	12.4 (0.76)	13.0 (0.79)	14.7 (0.84)	15.2 (0.83)	16.3 (0.89)
Any illicit drug other than marijuana <sup>2</sup> .....	15.4 (0.80)	18.4 (0.66)	14.9 (0.60)	8.0 (0.47)	10.0 (0.52)	10.4 (0.58)	10.8 (0.55)	10.3 (0.54)	9.8 (0.54)	9.5 (0.51)	9.3 (0.52)	8.6 (0.50)	8.6 (0.49)	8.9 (0.51)
Selected drugs														
Cocaine.....	1.9 (0.25)	5.2 (0.31)	6.7 (0.35)	1.9 (0.20)	1.8 (0.19)	2.1 (0.23)	2.3 (0.22)	2.3 (0.22)	2.5 (0.23)	2.0 (0.20)	1.9 (0.20)	1.3 (0.17)	1.3 (0.16)	1.1 (0.16)
Heroin.....	0.4 (0.08)	0.2 (0.04)	0.3 (0.05)	0.2 (0.04)	0.6 (0.08)	0.7 (0.09)	0.5 (0.07)	0.5 (0.07)	0.4 (0.06)	0.4 (0.06)	0.4 (0.06)	0.4 (0.06)	0.4 (0.06)	0.4 (0.07)
LSD.....	2.3 (0.28)	2.3 (0.21)	1.6 (0.18)	1.9 (0.20)	4.0 (0.28)	1.6 (0.20)	0.7 (0.12)	0.7 (0.12)	0.6 (0.12)	0.6 (0.11)	1.1 (0.15)	0.5 (0.11)	0.8 (0.13)	0.8 (0.13)
Marijuana/hashish.....	27.1 (1.30)	33.7 (1.07)	25.7 (0.98)	14.0 (0.80)	21.2 (0.94)	21.6 (1.04)	19.9 (0.94)	19.8 (0.94)	18.3 (0.92)	18.8 (0.90)	19.4 (0.93)	20.6 (0.96)	21.4 (0.95)	22.6 (1.00)
PCP.....	— (†)	1.4 (0.11)	1.6 (0.12)	0.4 (0.06)	0.6 (0.08)	0.9 (0.10)	0.4 (0.06)	0.7 (0.08)	0.4 (0.06)	0.5 (0.07)	0.6 (0.08)	0.5 (0.07)	0.8 (0.09)	0.8 (0.09)

—Not available.

†Not applicable.

<sup>1</sup>Survey question changed in 1993; later data are not comparable to figures for earlier years.<sup>2</sup>Other illicit drugs include any use of LSD or other hallucinogens, crack or other cocaine, or heroin, or any use of other narcotics, amphetamines, barbiturates, or tranquilizers not under a doctor's orders.

NOTE: Detail may not sum to totals because of rounding. Standard errors were calculated from formulas to perform trend analysis over an interval greater than 1 year (for example, a comparison between 1975 and 1990). A revised questionnaire was used in 1982 and later years to reduce the inappropriate reporting of nonprescription stimulants. This slightly reduced the positive responses for some types of drug abuse.

SOURCE: University of Michigan, Institute for Social Research, Monitoring the Future, selected years, 1975 through 2011, retrieved June 7, 2012, from <http://monitoringthefuture.org/data/11data.html>. (This table was prepared June 2012.)

**Table 197. Age range for compulsory school attendance and special education services, and policies on year-round schools and kindergarten programs, by state: Selected years, 2000 through 2011**

State	Compulsory attendance							Compulsory special education services, 2004 <sup>1</sup>	Year-round schools, 2008		Kindergarten programs, 2011		
	2000	2002	2004	2006	2008	2009	2010		Has policy on year-round schools	Has districts with year-round schools	School districts required to offer		Attendance required
											Program	Full-day program	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama .....	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16	7 to 16	7 to 16	7 to 17	6 to 21		Yes	X	X	
Alaska.....	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16	7 to 16	7 to 16	7 to 16	3 to 22		Yes			
Arizona.....	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	3 to 21		—	X		
Arkansas.....	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 17 <sup>2,3</sup>	5 to 21	X	Yes	X	X	X
California.....	6 to 18 <sup>2</sup>	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	Birth to 21 <sup>4</sup>	X	Yes	X		
Colorado.....	—	—	7 to 16	7 to 16	6 to 17	6 to 17	6 to 17	3 to 21		Yes	X		
Connecticut.....	7 to 16	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	5 to 18 <sup>3</sup>	5 to 18 <sup>3</sup>	5 to 18 <sup>3</sup>	5 to 18 <sup>3</sup>	3 to 21		—	X		X
Delaware.....	5 to 16	5 to 16	5 to 16 <sup>2</sup>	5 to 16	5 to 16	5 to 16	5 to 16	Birth to 20		Yes	X	X	X
District of Columbia.....	—	5 to 18 <sup>5</sup>	5 to 18	5 to 18	5 to 18	5 to 18	5 to 18	—	—	—	X		X
Florida.....	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	6 to 16 <sup>5</sup>	3 to 21	X	Yes	X		
Georgia.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	Birth to 21 <sup>6</sup>		Yes	X	X	
Hawaii.....	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	Birth to 19		( <sup>7</sup> )	X		
Idaho.....	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	3 to 21		Yes			
Illinois.....	7 to 16	7 to 16	7 to 17	7 to 17	7 to 17	7 to 17	7 to 17	3 to 21	X	Yes	X		
Indiana.....	7 to 16	7 to 16	7 to 16	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	3 to 22		Yes	X		
Iowa.....	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	Birth to 21	X	Yes	X		
Kansas.....	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	3 to 21 <sup>8</sup>		—	X		
Kentucky.....	6 to 16	6 to 16	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 16	6 to 16	Birth to 21		Yes	X		
Louisiana.....	7 to 17	7 to 17	7 to 17 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	3 to 21 <sup>9</sup>		Yes	X	X	X
Maine.....	7 to 17	7 to 17	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	7 to 17 <sup>2</sup>	5 to 19 <sup>9,10</sup>		—	X		
Maryland.....	5 to 16	5 to 16	5 to 16	5 to 16	5 to 16	5 to 16 <sup>3</sup>	5 to 16 <sup>3</sup>	Birth to 21	X	—	X	X	X
Massachusetts.....	6 to 16	6 to 16	6 to 16	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	3 to 21 <sup>6</sup>	( <sup>11</sup> )	—	X		
Michigan.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 18	Birth to 25	X	Yes			
Minnesota.....	7 to 18 <sup>2</sup>	7 to 16	7 to 16	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	Birth to 21	X	Yes	X		
Mississippi.....	6 to 17	6 to 17	6 to 16	6 to 16	6 to 17	6 to 17	6 to 17	Birth to 20		—	X	X	
Missouri.....	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 17	Birth to 20		Yes <sup>12</sup>	X		
Montana.....	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	3 to 18 <sup>9</sup>		—	X		
Nebraska.....	7 to 16	7 to 16	7 to 16	6 to 18	6 to 18	6 to 18	6 to 18	Birth to 20		Yes	X		
Nevada.....	7 to 17	7 to 17	7 to 17	7 to 17	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	7 to 18 <sup>2</sup>	Birth to 21 <sup>4</sup>		Yes	X		X
New Hampshire.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 18	3 to 21		—			
New Jersey.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	5 to 21		—			
New Mexico.....	5 to 18	5 to 18	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	3 to 21	X	Yes	X		X
New York.....	6 to 16 <sup>2</sup>	6 to 16	6 to 16	6 to 16 <sup>13</sup>	6 to 16 <sup>13</sup>	6 to 16 <sup>13</sup>	6 to 16 <sup>13</sup>	Birth to 20		—			
North Carolina.....	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	5 to 20	X	Yes	X	X	
North Dakota.....	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	7 to 16	3 to 21		No			
Ohio.....	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	3 to 21	X	—	X	X <sup>14</sup>	X
Oklahoma.....	5 to 18	5 to 18	5 to 18	5 to 18	5 to 18	5 to 18	5 to 18	Birth to 21 <sup>9</sup>		Yes	X	( <sup>15</sup> )	X
Oregon.....	7 to 18	7 to 18	7 to 18 <sup>2</sup>	7 to 18	7 to 18	7 to 18	7 to 18 <sup>2</sup>	3 to 20		Yes	X		
Pennsylvania.....	8 to 17	8 to 17	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	6 to 21	X <sup>12</sup>	— <sup>12</sup>			
Rhode Island.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	3 to 21		—	X		X
South Carolina.....	5 to 16	5 to 16	5 to 16	5 to 17 <sup>3</sup>	5 to 17 <sup>3</sup>	5 to 17 <sup>3</sup>	5 to 17 <sup>3</sup>	3 to 21 <sup>16</sup>		—	X	X <sup>17</sup>	X
South Dakota.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16 <sup>2,18</sup>	6 to 18 <sup>2,18</sup>	Birth to 21	X	—	X		X
Tennessee.....	6 to 17	6 to 17	6 to 17	6 to 17 <sup>3</sup>	6 to 17 <sup>3</sup>	6 to 17 <sup>3</sup>	6 to 17 <sup>3</sup>	3 to 21 <sup>4</sup>	X	Yes	X		X
Texas.....	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	3 to 21	X	Yes	X		
Utah.....	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	3 to 22		Yes	X		
Vermont.....	7 to 16	6 to 16	6 to 16	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	3 to 21		— <sup>12</sup>	X		
Virginia.....	5 to 18	5 to 18	5 to 18	5 to 18 <sup>2</sup>	5 to 18 <sup>2</sup>	5 to 18 <sup>2,3</sup>	5 to 18 <sup>2,3</sup>	2 to 21	X	Yes	X		X
Washington.....	8 to 17 <sup>2</sup>	8 to 17 <sup>2</sup>	8 to 16 <sup>2</sup>	8 to 18	8 to 18	8 to 18	8 to 18	3 to 21 <sup>16</sup>		Yes	X		
West Virginia.....	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 16	6 to 17	5 to 21 <sup>19</sup>	X	Yes	X	X	X
Wisconsin.....	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	6 to 18	3 to 21		Yes	X		
Wyoming.....	6 to 16 <sup>2</sup>	6 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	7 to 16 <sup>2</sup>	3 to 21		—	X		

—Not available.

X Denotes that the state has a policy. A blank denotes that the state does not have a policy.

<sup>1</sup>Most states have a provision whereby education is provided up to a certain age or completion of secondary school, whichever comes first.

<sup>2</sup>Child may be exempted from compulsory attendance if he/she meets state requirements for early withdrawal with or without meeting conditions for a diploma or equivalency.

<sup>3</sup>Parent/guardian may delay child's entry until a later age per state law/regulation.

<sup>4</sup>Student may continue in the program if 22nd birthday falls before the end of the school year.

<sup>5</sup>Attendance is compulsory until age 18 for Manatee County students, unless they earn a high school diploma prior to reaching their 18th birthday.

<sup>6</sup>Through age 21 or until child graduates with a high school or special education diploma or equivalent.

<sup>7</sup>Some districts operate on a multitrac system; the schools are open year-round, but different cohorts start and end at different times.

<sup>8</sup>To be determined by rules and regulations adopted by the state board.

<sup>9</sup>Children from birth through age 2 are eligible for additional services.

<sup>10</sup>Must be age 5 before October 15, and not age 20 before start of school year.

<sup>11</sup>Policies about year-round schools are decided locally.

<sup>12</sup>State did not participate in 2008 online survey. Data are from 2006.

<sup>13</sup>New York City and Buffalo require school attendance until age 17 unless employed; Syracuse requires kindergarten attendance at age 5.

<sup>14</sup>State requires districts with full-day programs to allow half-day attendance.

<sup>15</sup>Beginning in 2011–12, it will be mandatory for all districts in Oklahoma to offer full-day kindergarten.

<sup>16</sup>Student may complete school year if 21st birthday occurs while attending school.

<sup>17</sup>Parents may request either a full-day or a half-day program. For students enrolled in half-day programs, child care must be provided for the remainder of the school day.

<sup>18</sup>Compulsory attendance beginning at age 5 effective July 1, 2010.

<sup>19</sup>Severely handicapped children may begin receiving services at age 3.

NOTE: The Education of the Handicapped Act (EHA) Amendments of 1986 make it mandatory for all states receiving EHA funds to serve all 3- to 18-year-old disabled children. SOURCE: Council of Chief State School Officers, *Key State Education Policies on PK–12 Education*, 2000, 2002, 2004, and 2008; Education Commission of the States (ECS), ECS StateNotes, *Compulsory School Age Requirements*, retrieved August 9, 2010, from <http://www.ecs.org/clearinghouse/86/62/8662.pdf>; ECS StateNotes, *Special Education: State Special Education Definitions, Ages Served*, retrieved August 9, 2010, from <http://www.ecs.org/clearinghouse/52/29/5229.pdf>; ECS StateNotes, *State Characteristics: Kindergarten*, retrieved August 24, 2011, from <http://www.ecs.org/clearinghouse/90/71/9071.pdf>; ECS StateNotes, *District Offering of Full-Day Kindergarten*, retrieved August 24, 2011, from <http://ecs.force.com/ecsforum/mbtab2?rep=KD33&SID=a0i70000000XkGj&Q=Q2207&Q1=Q2208>; and supplemental information retrieved from various state websites. (This table was prepared September 2011.)



**Table 198. Minimum amount of instructional time per year and policy on textbook selection, by state: 2000, 2006, 2008, and 2011**

State	Minimum amount of instructional time per year				State policy on textbook selection, 2008					State
	In days			In hours	State recommends or selects textbooks			Local decision	State standards used in recommendation or selection	
	2000	2006	2011		Recommends	Selects	Either recommends or selects			
1	2	3	4	5	6	7	8	9	10	11
Alabama .....	175	175	180	740 (K-3); 900 (4-12)			X		X	Alabama .....
Alaska .....	180	180	170 <sup>1</sup>	356 (K); 712 (1-3); 890 (4-6); 1,000 (7-8); 720 <sup>2</sup> (9-12)				X	X	Alaska .....
Arizona .....	175 <sup>2</sup>	180	180 <sup>3</sup>							Arizona .....
Arkansas .....	178	178	178 <sup>1</sup>		X				X	Arkansas .....
California .....	175	180	180/175 <sup>5</sup>	600 (K); 840 (1-3); 900 (4-8); 1,080 (9-12)	X					California .....
Colorado .....	[6]	160	160	435/870 (K); 968 (1-5); 1,056 (6-12)				X		Colorado .....
Connecticut .....	180	180	180	450/900 (K); 900 (1-12)				X		Connecticut .....
Delaware .....	[6]	↑	↑	440 (K); 1,060 (1-11); 1,032 (12)				X		Delaware .....
District of Columbia ..	180 <sup>7</sup>	180	178							District of Columbia ..
Florida .....	180	180	180	720 <sup>8</sup> (K-3); 900 <sup>8</sup> (4-12)	X				X	Florida .....
Georgia .....	180 <sup>7</sup>	180	180	810 (K-3); 900 (4-5); 990 (6-12)	X				X	Georgia .....
Hawaii .....	184	179	180 <sup>9</sup>	915 (K-6) <sup>10,11</sup> ; 990 (7-12) <sup>9,11</sup>	X				X	Hawaii .....
Idaho .....	180	↑	↑	450 <sup>12</sup> (K); 810 <sup>12</sup> (1-3); 900 <sup>12</sup> (4-8); 990 <sup>12,13</sup> (9-12)	X				X	Idaho .....
Illinois .....	180 <sup>14</sup>	176	176					X		Illinois .....
Indiana .....	180	180	180		X				X	Indiana .....
Iowa .....	180	180	180					X		Iowa .....
Kansas .....	186	186 (K-11); 181 (12)	186 (K-11); 181 (12)	465 (K); 1,116 (1-11); 1,086 (12)				X		Kansas .....
Kentucky .....	175	175	175 <sup>1</sup>	1,062	X				X	Kentucky .....
Louisiana .....	175	177	177 <sup>1</sup>	1,062			X			Louisiana .....
Maine .....	175	175	175 <sup>1</sup>	↑				X		Maine .....
Maryland .....	180	180	180	1,080				X		Maryland .....
Massachusetts .....	180	180	180	425 (K); 900 (1-5); 990 (6-12)				X		Massachusetts .....
Michigan .....	180	↑	165	1,098				X		Michigan .....
Minnesota .....	[6]	[6]	↑	425 (K); 935 (1-6); 1,020 (7-12)				X		Minnesota .....
Mississippi .....	180	180	180	↑		X				Mississippi .....
Missouri .....	174	174	174/142 <sup>15</sup>	1,044	—	—	—	—	—	Missouri .....
Montana .....	180	90 (K); 180 (K-12)	↑	360/720 <sup>1</sup> (K); 720 <sup>1</sup> (1-3); 1,080 <sup>1,13</sup> (4-12)				X		Montana .....
Nebraska .....	[6]	↑	↑	400 (K); 1,032 (1-8); 1,080 (9-12)				X		Nebraska .....
Nevada .....	180	180	180	↑						Nevada .....
New Hampshire .....	180	180	180	945 (1-5); 990 (6-12)				X		New Hampshire .....
New Jersey .....	180	180	180	↑				X		New Jersey .....
New Mexico .....	180	180	180	450/990 <sup>16</sup> (K); 990 <sup>16</sup> (1-6); 1,080 (7-12)		X			X	New Mexico .....
New York .....	180 <sup>7</sup>	180	180	↑				X		New York .....
North Carolina .....	180	180	180	1,000		X			X	North Carolina .....
North Dakota .....	173	173	175 <sup>1</sup>	951.5 (K-8); 1,038 (9-12)				X		North Dakota .....
Ohio .....	182	182	182 <sup>12</sup>	910				X		Ohio .....
Oklahoma .....	180	180	180 <sup>12</sup>	900 <sup>12</sup> (1-6); 1,080 <sup>12</sup> (7-12)		X			X	Oklahoma .....
Oregon .....	[6]	↑	↑	405 (K); 810 (1-3); 900 (4-8); 990 <sup>13</sup> (9-12)			X		X	Oregon .....
Pennsylvania .....	180	180	180	450 (K); 900 (1-8); 990 (9-12)	—	—	—		—	Pennsylvania .....
Rhode Island .....	180	180	180	↑				X		Rhode Island .....
South Carolina .....	180	180	180 <sup>1</sup>	↑			X		X	South Carolina .....
South Dakota .....	—	↑	↑	437.5 (K); 875 (1-3); 962.5 <sup>13</sup> (4-12)				X		South Dakota .....
Tennessee .....	180	180	180 <sup>1</sup>	↑		X			X	Tennessee .....
Texas .....	187	180	180	↑			X			Texas .....
Utah .....	180	180	180	450 (K); 810 (1); 990 (2-12)			X			Utah .....
Vermont .....	175	175	175	↑	—	—	—	—	—	Vermont .....
Virginia .....	180	180	180	540 (K); 990 (1-12)	X			X	X	Virginia .....
Washington .....	180 <sup>14</sup>	180	180	450 (K); 1,000 (1-6); 1,080 (7-12)			X		X	Washington .....
West Virginia .....	180	180	180	↑				X		West Virginia .....
Wisconsin .....	180	180	180	437 (K); 1,050 (1-6); 1,137 (7-12)				X		Wisconsin .....
Wyoming .....	175	175	180	↑				X		Wyoming .....

—Not available.

↑Not applicable.

X Denotes that the state has a policy. A blank denotes that the state does not have a policy.

<sup>1</sup>Does not include time for in-service or staff development or parent-teacher conferences.

<sup>2</sup>1994 data.

<sup>3</sup>Or an equivalent number of minutes of instruction per year.

<sup>4</sup>Students must enroll in at least 4 subjects that meet at least 720 hours.

<sup>5</sup>Through 2014–15, charter schools and districts are allowed to shorten the 180-day instructional year to 175 days without fiscal penalty.

<sup>6</sup>No statewide policy; varies by district.

<sup>7</sup>1996 data.

<sup>8</sup>For schools on double-session or approved experimental calendar: 630 (K-3); 810 (4-12).

<sup>9</sup>Does not apply to charter and multitrack schools.

<sup>10</sup>Beginning in the 2012–13 school year.

<sup>11</sup>For the 2014–15 and 2015–16 school years.

<sup>12</sup>Includes time for in-service or staff development or parent-teacher conferences.

<sup>13</sup>Instructional time for graduating seniors may be reduced.

<sup>14</sup>1998 data.

<sup>15</sup>174 days required for a 5-day week; 142 days required for a 4-day week.

<sup>16</sup>Teachers may use 33 hours of the full-day kindergarten program and 22 hours of the grades 1 through 5 programs for home visits or parent-teacher conferences.

NOTE: Minimum number of instructional days refers to the actual number of days that pupils have contact with a teacher. Some states allow for different types of school calendars by setting instructional time in both days and hours, while others use only days or only hours. For states in which the number of days or hours varies by grade, the relevant grade(s) appear in parentheses.

SOURCE: Council of Chief State School Officers, *Key State Education Policies on PK–12 Education*, 2000, 2006, and 2008; Education Commission of the States, *StateNotes, Number of Instructional Days/Hours in the School Year* (August 2011 revision), retrieved September 22, 2011, from <http://www.ecs.org/clearinghouse/95/05/9505.pdf>; and supplemental information retrieved September 24, 2010, from the New Hampshire Department of Education, <http://www.education.nh.gov/standards/faq.htm>; retrieved September 24, 2010, from the South Dakota Department of Education, <http://doe.sd.gov/oatq/districtaccrediation.aspx>; and retrieved September 29, 2010, from the Pennsylvania State Code, <http://pcode.com/secure/data/022/Chapter11/s11.3.html>. (This table was prepared September 2011.)

**Table 199. Credit requirements and exit exam requirements for a standard high school diploma and the use of other high school completion credentials, by state: 2011 and 2012**

State	Course credits (in Carnegie units), 2011						High school exit exams, 2012				Other completion credentials, 2012	
	Total required credits for standard diploma, all courses	Required credits in selected subject areas					Characteristics of required exams				Advanced recognition for exceeding standard requirements	Alternative credential for not meeting all standard requirements <sup>2</sup>
		English/ language arts	Social studies	Science	Mathematics	Other credits	Exit exam required for standard diploma	Subjects tested <sup>1</sup>	Exam based on standards for 10th grade or higher	Appeals or alternative route to standard diploma if exam failed		
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama .....	24.00	4.00	4.00	4.00	4.00	8.00	Yes	EMSH	Yes	Yes	Yes	Yes
Alaska .....	21.00	4.00	3.00	2.00	2.00	10.00	Yes	EM	Yes	Yes	No	Yes
Arizona .....	20.00	4.00	2.50	2.00	2.00	9.50	Yes	EM	Yes	Yes	Yes	No
Arkansas .....	22.00	4.00	3.00	3.00	4.00	8.00	Yes	M	No	Yes	No	No
California .....	13.00	3.00	3.00	2.00	2.00	3.00	Yes	EM	Yes	Yes	Yes	Yes
Colorado .....	—	—	0.50	—	—	—	No	†	†	†	No	No
Connecticut .....	20.00	4.00	3.00	2.00	3.00	8.00	No <sup>3</sup>	†	†	†	No	No
Delaware .....	22.00	4.00	3.00	3.00	4.00	8.00	No	†	†	†	No	Yes
District of Columbia .....	24.00	4.00	4.00	4.00	4.00	8.00	No	†	†	†	No	Yes
Florida .....	24.00	4.00	3.00	3.00	4.00	10.00	Yes	EM	Yes	Yes	No	Yes
Georgia .....	22.00	4.00	3.00	3.00	4.00	8.00	Yes	EMSH	Yes	Yes	No	Yes
Hawaii .....	24.00	4.00	4.00	3.00	3.00	10.00	No	†	†	†	Yes	Yes
Idaho .....	21.00	4.50	2.50	2.00	2.00	10.00	Yes	EM	Yes	Yes	No	No
Illinois .....	16.00	3.00	2.00	2.00	3.00	6.00	No	†	†	†	No	No
Indiana .....	20.00	4.00	3.00	3.00	3.00	7.00	Yes	EM	Yes	Yes	Yes	No
Iowa .....	13.00	4.00	3.00	3.00	3.00	0.00	No	†	†	†	Yes	No
Kansas .....	21.00	4.00	3.00	3.00	3.00	8.00	No	†	†	†	No	No
Kentucky .....	22.00	4.00	3.00	3.00	3.00	9.00	No	†	†	†	Yes	Yes
Louisiana .....	23.00	4.00	3.00	3.00	3.00	10.00	Yes	EMSH <sup>4</sup>	Yes	Yes	Yes	Yes
Maine .....	16.00	4.00	2.00	2.00	2.00	6.00	No	†	†	†	No	Yes
Maryland .....	21.00	4.00	3.00	3.00	3.00	8.00	Yes	EMS	Yes	Yes	Yes	Yes
Massachusetts .....	—	—	—	—	—	—	Yes	EMS	Yes	Yes	Yes	Yes
Michigan .....	16.00	4.00	3.00	3.00	4.00	2.00	No	†	†	†	No	No
Minnesota .....	21.50	4.00	3.50	3.00	3.00	8.00	Yes	EM <sup>5</sup>	Yes	Yes	No	No
Mississippi .....	21.00	4.00	3.00	3.00	4.00	7.00	Yes	EMSH	Yes	Yes	No	Yes
Missouri .....	24.00	4.00	3.00	3.00	3.00	11.00	No	†	†	†	No	No
Montana .....	20.00	4.00	2.00	2.00	2.00	10.00	No	†	†	†	No	No
Nebraska .....	200.00 <sup>6</sup>	—	—	—	—	—	No	†	†	†	No	No
Nevada .....	22.50	4.00	2.00	2.00	3.00	11.50	Yes	EMS	Yes	Yes	Yes	Yes
New Hampshire .....	19.75	4.00	2.50	2.00	2.00	9.25	No	†	†	†	Yes	Yes
New Jersey .....	22.00	4.00	3.00	3.00	3.00	9.00	Yes	EM	Yes	Yes	No	No
New Mexico .....	23.00	4.00	3.50	3.00	3.00	9.50	No	†	†	†	No	No
New York .....	22.00	4.00	4.00	3.00	3.00	8.00	Yes	EMSH	Yes	Yes	Yes	Yes
North Carolina .....	20.00	4.00	3.00	3.00	4.00	6.00	No	†	†	†	Yes	Yes
North Dakota .....	22.00	—	—	—	—	—	No	†	†	†	No	No
Ohio .....	20.00	4.00	3.00	3.00	3.00	7.00	Yes	EMSH	Yes	Yes	Yes	No
Oklahoma .....	23.00	4.00	3.00	3.00	3.00	10.00	Yes	EMSH <sup>7</sup>	Yes	Yes	Yes	No
Oregon .....	24.00	4.00	3.00	2.00	3.00	12.00	No	†	†	†	No	Yes
Pennsylvania .....	—	—	—	—	—	—	No	†	†	†	Yes	No
Rhode Island .....	20.00	4.00	3.00	3.00	4.00	6.00	No <sup>8</sup>	†	†	†	No	No
South Carolina .....	24.00	4.00	3.00	3.00	4.00	10.00	Yes	EM	Yes	No	Yes	Yes
South Dakota .....	22.00	4.00	3.00	3.00	3.00	9.00	No	†	†	†	No	No
Tennessee .....	20.00	4.00	3.00	3.00	3.00	7.00	Yes	EMS	Yes	No	Yes	Yes
Texas .....	26.00	4.00	4.00	4.00	4.00	10.00	Yes	EMSH	Yes	No	Yes	Yes
Utah .....	24.00	4.00	3.00	3.00	3.00	11.00	No	†	†	†	No	Yes
Vermont .....	20.00	4.00	3.00	3.00	3.00	7.00	No	†	†	†	No	No
Virginia .....	22.00	4.00	3.00	3.00	3.00	9.00	Yes	EMSH <sup>9</sup>	Yes	Yes	Yes	Yes
Washington .....	19.00	3.00	2.50	2.00	2.00	9.50	Yes	E <sup>10</sup>	Yes	Yes	No	No
West Virginia .....	24.00	4.00	4.00	3.00	4.00	9.00	No	†	†	†	Yes	Yes
Wisconsin .....	13.00	4.00	3.00	2.00	2.00	2.00	No	†	†	†	No	Yes
Wyoming .....	13.00	4.00	3.00	3.00	3.00	0.00	No	†	†	†	Yes	No

—Not available.

†Not applicable.

<sup>1</sup>Exit exam subjects tested: E = English (including writing), M = Mathematics, S = Science, and H = History/social studies.

<sup>2</sup>A certificate of attendance is an example of an alternative credential for students who do not meet all requirements for a standard diploma. Depending on an individual state's policies, alternative credentials may be offered to students with disabilities, students who fail exit exams, or other students who do not meet all requirements.

<sup>3</sup>Requirement takes effect for class of 2020.

<sup>4</sup>Students must pass either the science or social studies components of the Graduation Exit Examination (GEE) to receive a standard diploma.

<sup>5</sup>Students can graduate by passing statewide reading and writing assessments and either passing mathematics assessments or meeting other requirements.

<sup>6</sup>Expressed in semester credits instead of Carnegie units.

<sup>7</sup>To receive the standard diploma, students in the class of 2012 must pass tests in algebra 1, English 2, and two of the following five subjects: algebra 2, biology 1, English 3, geometry, and U.S. history.

<sup>8</sup>Requirement takes effect for class of 2014.

<sup>9</sup>To receive the standard diploma, students must earn at least six verified credits by passing end-of-course assessments. One of those credits may be earned by passing a student-selected test in computer science, technology, career and technical education, or other areas.

<sup>10</sup>For the graduating class of 2012, students must pass an exit exam in reading and writing. Students in the class of 2013 will be required to pass reading, writing, and mathematics assessments.

NOTE: Local school districts frequently have other graduation requirements in addition to state requirements. The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course.

SOURCE: Editorial Projects in Education Research Center, custom table, retrieved June 7, 2012, from Education Counts database (<http://www.edcounts.org/createtable/step1.php>); and *Education Week, Diplomas Count 2012*, "Graduation Policies" table, retrieved June 7, 2012, from <http://www.edweek.org/media/ew/dc/2012/Graduation-Policies-Class-of-2012-table.pdf>. (This table was prepared June 2012.)

**Table 200. States that use criterion-referenced tests (CRTs) aligned to state standards, by subject area and level: 2006–07**

State	Aligned to state standards		Off-the-shelf/ norm-referenced test (NRT) <sup>1</sup>	CRTs, <sup>2</sup> by subject area and level			
	CRT <sup>2</sup>	Augmented or hybrid test <sup>3</sup>		English/ language arts	Mathematics	Science	Social studies/ history
1	2	3	4	5	6	7	8
Alabama .....	X		X	ES, MS, HS	ES, MS, HS	HS	HS
Alaska .....	X		X	ES, MS, HS	ES, MS, HS		
Arizona .....	X	X	X	ES, MS, HS	ES, MS, HS		
Arkansas .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS	
California .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	MS, HS
Colorado .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Connecticut .....	X			ES, MS, HS	ES, MS, HS	HS	
Delaware .....		X		ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
District of Columbia .....	X			ES, MS, HS	ES, MS, HS		
Florida .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Georgia .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Hawaii .....		X		ES, MS, HS	ES, MS, HS		
Idaho .....	X			ES, MS, HS	ES, MS, HS		
Illinois .....	X	X		ES, MS, HS	ES, MS, HS	HS	
Indiana .....	X			ES, MS, HS	ES, MS, HS	ES, MS	
Iowa .....			X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Kansas .....	X			ES, MS, HS	ES, MS, HS		
Kentucky .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Louisiana .....	X	X		ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Maine .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS	
Maryland .....	X	X		ES, MS, HS	ES, MS, HS	HS	HS
Massachusetts .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	
Michigan .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	MS, HS
Minnesota .....	X			ES, MS, HS	ES, MS, HS		
Mississippi .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	HS
Missouri .....		X		ES, MS, HS	ES, MS, HS		
Montana .....	X		X	ES, MS, HS	ES, MS, HS		
Nebraska .....	X			ES, MS, HS			
Nevada .....	X		X	ES, MS, HS	ES, MS, HS		
New Hampshire .....	X			ES, MS	ES, MS		
New Jersey .....	X			ES, MS, HS	ES, MS, HS	ES, MS	
New Mexico .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
New York .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
North Carolina .....	X			ES, MS, HS	ES, MS, HS	HS	HS
North Dakota .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	
Ohio .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Oklahoma .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Oregon .....	X			ES, MS, HS	ES, MS, HS	MS, HS	
Pennsylvania .....	X			ES, MS, HS	ES, MS, HS		
Rhode Island .....	X	X		ES, MS, HS	ES, MS, HS		
South Carolina .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
South Dakota .....		X	X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Tennessee .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Texas .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	MS, HS
Utah .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	
Vermont .....	X			ES, MS	ES, MS		
Virginia .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Washington .....	X			ES, MS, HS	ES, MS, HS	ES, MS, HS	
West Virginia .....	X		X	ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS
Wisconsin .....		X		ES, MS, HS	ES, MS, HS	ES, MS, HS	ES, MS, HS
Wyoming .....	X			ES, MS, HS	ES, MS, HS		

X State has a test.

<sup>1</sup>Off-the-shelf/norm-referenced tests (NRTs) are commercially developed tests that have not been modified to reflect state content standards.

<sup>2</sup>Criterion-referenced tests (CRTs) are custom-developed and explicitly designed to measure state content standards.

<sup>3</sup>Augmented or hybrid tests incorporate elements of both NRTs and CRTs. These tests include NRTs that have been augmented or modified to reflect state standards.

NOTE: ES = elementary school, MS = middle school, and HS = high school.

SOURCE: Quality Counts 2007, Cradle to Career, *Education Week*, 2007. (This table was prepared September 2008.)

**Table 201. Required testing for initial certification of elementary and secondary school teachers, by type of assessment and state: 2011 and 2012**

State	Assessment for certification, 2011				Assessment for certification, 2012			
	Basic skills exam	Subject-matter exam	Knowledge of teaching exam	Assessment of teaching performance	Basic skills exam	Subject-matter exam	Knowledge of teaching exam	Assessment of teaching performance
1	2	3	4	5	6	7	8	9
Alabama .....	X	X	X	X	X	X	X	X
Alaska .....	X				X			
Arizona .....		X	X			X	X	
Arkansas .....	X	X	X	X	X	X	X	X
California .....	X	—		X	X	—		X
Colorado .....		X				X		
Connecticut .....	X	X	X	X	X	X	X	X
Delaware .....	X	X			X	X		
District of Columbia .....	X	X	—	—	X	X	X	
Florida .....	X			X	X			X
Georgia .....	X	X			X	X		
Hawaii .....	X	X	X	—	X	X		—
Idaho .....		X	X	X		X		X
Illinois .....	X	X	X		X	X	X	
Indiana .....	X	X		X	X	X		X
Iowa .....	—		—	—	—		—	—
Kansas .....		X	X			X	X	
Kentucky .....	X	X	X	X	X	X	X	X
Louisiana .....	X	X	X	X	X	X	X	X
Maine .....	—	—	—	—	—	—	—	—
Maryland .....	X	X	X	X	X	X	X	X
Massachusetts .....	X	X		X	X	X		X
Michigan .....	X	X		X	X	X		X
Minnesota .....	X	X	X		X	X	X	
Mississippi .....	—	—	—	—	—	—	—	—
Missouri .....	X	X		X	X	X		X
Montana .....								
Nebraska .....	X				X			
Nevada .....	—	X	—	—	—	X	—	—
New Hampshire .....	X	X			X	X		
New Jersey .....	—	—	—	—	—	—	—	—
New Mexico .....	X	X	X	X	X	X	X	X
New York .....		X	X			X	X	
North Carolina .....	—	—	—	—	—	—	—	—
North Dakota .....	—	X	—	—	—	X	—	—
Ohio .....		X	X	X		X	X	X
Oklahoma .....	—	—	—	—	—	—	—	—
Oregon .....	X	X	—	—	X	X		X
Pennsylvania .....	X	X	X	X	X	X	X	X
Rhode Island .....			X	X			X	X
South Carolina .....		X	X			X	X	
South Dakota .....	X	X	X	X	X	X	X	X
Tennessee .....	X	X	X		X	X	X	
Texas .....	—	—	—	—	X	X	X	X
Utah .....		X		X		X		X
Vermont .....	X	X			X	X		
Virginia .....	X	X	X		X	X	X	
Washington .....	X	X		X	X	X		X
West Virginia .....	X	X	X	X	X	X	X	X
Wisconsin .....	X	X			X	X		
Wyoming .....	—		—	—	—		—	—

—Not available.

X Denotes that the state requires testing. A blank denotes that the state does not require testing.

SOURCE: National Association of State Directors of Teacher Education and Certification (NASDTEC), NASDTEC Knowledgebase, retrieved June 18, 2012, from <https://www.nasdtcec.info/>. (This table was prepared June 2012.)

**Table 202. Revenues for public elementary and secondary schools, by source of funds: Selected years, 1919–20 through 2009–10**

School year	Revenues (in thousands)							Revenues per pupil						
	Total	Federal	State	Local (including intermediate)				Total	Federal	State	Local (including intermediate)			
				Total	Property taxes	Other public revenue	Private <sup>1</sup>				Total	Property taxes	Other public revenue	Private <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Current dollars														
1919–20.....	\$970,121	\$2,475	\$160,085	\$807,561	—	—	—	\$45	#	\$7	\$37	—	—	—
1929–30.....	2,088,557	7,334	353,670	1,727,553	—	—	—	81	#	14	67	—	—	—
1939–40.....	2,260,527	39,810	684,354	1,536,363	—	—	—	89	\$2	27	60	—	—	—
1949–50.....	5,437,044	155,848	2,165,689	3,115,507	—	—	—	217	6	86	124	—	—	—
1959–60.....	14,746,618	651,639	5,768,047	8,326,932	—	—	—	419	19	164	237	—	—	—
1969–70.....	40,266,922	3,219,557	16,062,776	20,984,589	—	—	—	884	71	353	461	—	—	—
1979–80.....	96,881,164	9,503,537	45,348,814	42,028,813	—	—	—	2,326	228	1,089	1,009	—	—	—
1989–90.....	208,547,573	12,700,784	98,238,633	97,608,157	\$74,867,627	\$17,084,494	\$5,656,036	5,144	313	2,423	2,408	\$1,847	\$421	\$140
1990–91.....	223,340,537	13,776,066	105,324,533	104,239,939	80,373,547	17,951,451	5,914,941	5,419	334	2,555	2,529	1,950	436	144
1991–92.....	234,581,384	15,493,330	108,783,449	110,304,605	85,874,700	18,213,748	6,216,157	5,579	368	2,587	2,623	2,042	433	148
1992–93.....	247,626,168	17,261,252	113,403,436	116,961,481	87,143,955	23,116,567	6,700,958	5,783	403	2,648	2,731	2,035	540	156
1993–94.....	260,159,468	18,341,483	117,474,209	124,343,776	97,762,990	19,661,128	6,919,657	5,986	422	2,703	2,861	2,249	452	159
1994–95.....	273,149,449	18,582,157	127,729,576	126,837,717	97,978,129	21,560,162	7,299,425	6,192	421	2,896	2,875	2,221	489	165
1995–96.....	287,702,844	19,104,019	136,670,754	131,928,071	101,785,858	22,522,345	7,619,869	6,416	426	3,048	2,942	2,270	502	170
1996–97.....	305,065,192	20,081,287	146,435,584	138,548,321	106,545,881	24,288,693	7,713,747	6,688	440	3,211	3,038	2,336	533	169
1997–98.....	325,925,708	22,201,965	157,645,372	146,078,370	111,184,150	26,676,244	8,217,977	7,066	481	3,418	3,167	2,410	578	178
1998–99.....	347,377,993	24,521,817	169,298,232	153,557,944	119,483,487	25,348,879	8,725,578	7,464	527	3,638	3,300	2,567	545	187
1999–2000.....	372,943,802	27,097,866	184,613,352	161,232,584	124,735,516	27,628,923	8,868,145	7,959	578	3,940	3,441	2,662	590	189
2000–01.....	401,356,120	29,100,183	199,583,097	172,672,840	132,575,925	30,889,273	9,207,643	8,503	616	4,228	3,658	2,809	654	195
2001–02.....	419,501,976	33,144,633	206,541,793	179,815,551	141,095,685	28,924,825	9,795,041	8,800	695	4,333	3,772	2,960	607	205
2002–03.....	440,111,653	37,515,909	214,277,407	188,318,337	148,511,786	29,579,240	10,227,310	9,134	779	4,447	3,908	3,082	614	212
2003–04.....	462,026,099	41,923,435	217,384,191	202,718,474	160,602,055	31,651,489	10,464,930	9,518	864	4,478	4,176	3,309	652	216
2004–05.....	487,753,525	44,809,532	228,553,579	214,390,414	167,909,883	35,433,486	11,047,044	9,996	918	4,684	4,394	3,441	726	226
2005–06.....	520,621,788	47,553,778	242,151,076	230,916,934	178,279,408	41,111,066	11,526,460	10,600	968	4,930	4,702	3,630	837	235
2006–07.....	555,710,762	47,150,608	263,608,741	244,951,413	188,287,298	44,806,422	11,857,694	11,281	957	5,351	4,972	3,822	910	241
2007–08.....	584,683,686	47,788,467	282,622,523	254,272,697	196,521,569	45,314,965	12,436,163	11,879	971	5,742	5,166	3,993	921	253
2008–09 <sup>2</sup> .....	592,422,033	56,670,261	276,525,603	259,226,169	205,821,844	41,195,313	12,209,012	12,032	1,151	5,616	5,265	4,180	837	248
2009–10.....	597,485,869	75,997,858	259,809,768	261,678,243	210,913,105	38,813,077	11,952,061	12,111	1,540	5,266	5,304	4,275	787	242
Constant 2011–12 dollars														
1919–20.....	\$11,583,880	\$29,553	\$1,911,520	\$9,642,807	—	—	—	\$537	\$1	\$89	\$447	—	—	—
1929–30.....	27,766,692	97,503	4,701,929	22,967,261	—	—	—	1,081	4	183	894	—	—	—
1939–40.....	36,809,791	648,255	11,143,830	25,017,706	—	—	—	1,447	25	438	984	—	—	—
1949–50.....	52,243,420	1,497,511	20,809,653	29,936,256	—	—	—	2,080	60	829	1,192	—	—	—
1959–60.....	114,209,377	5,046,804	44,672,280	64,490,293	—	—	—	3,246	143	1,270	1,833	—	—	—
1969–70.....	242,576,892	19,395,327	96,765,734	126,415,830	—	—	—	5,325	426	2,124	2,775	—	—	—
1979–80.....	283,986,991	27,857,643	132,930,620	123,198,728	—	—	—	6,818	669	3,192	2,958	—	—	—
1989–90.....	373,759,626	22,762,385	176,063,591	174,933,650	\$134,178,000	\$30,618,885	\$10,136,765	9,219	561	4,343	4,315	\$3,310	\$755	\$250
1990–91.....	379,522,311	23,409,653	178,977,854	177,134,805	136,578,673	30,504,880	10,051,252	9,208	568	4,342	4,298	3,314	740	244
1991–92.....	386,247,632	25,510,387	179,116,300	181,620,944	141,396,129	29,989,664	10,235,151	9,186	607	4,260	4,319	3,363	713	243
1992–93.....	395,376,593	27,560,475	181,067,553	186,748,566	139,139,900	36,909,466	10,699,200	9,233	644	4,228	4,361	3,249	862	250
1993–94.....	404,899,494	28,545,789	182,831,123	193,522,582	152,153,545	30,599,620	10,769,417	9,316	657	4,206	4,452	3,501	704	248
1994–95.....	413,270,932	28,114,519	193,252,891	191,903,522	148,239,408	32,620,196	11,043,919	9,369	637	4,381	4,350	3,361	739	250
1995–96.....	423,761,150	28,138,551	201,304,078	194,318,521	149,921,675	33,173,446	11,223,401	9,450	628	4,489	4,334	3,343	740	250
1996–97.....	436,870,141	28,757,508	209,703,814	198,408,820	152,579,564	34,782,745	11,046,510	9,578	630	4,598	4,350	3,345	763	242
1997–98.....	458,565,392	31,237,342	221,801,197	205,526,853	156,431,978	37,532,486	11,562,389	9,941	677	4,809	4,456	3,391	814	251
1998–99.....	480,430,972	33,914,182	234,142,967	212,373,823	165,248,141	35,058,026	12,067,655	10,323	729	5,031	4,563	3,551	753	259

See notes at end of table.

Table 202. Revenues for public elementary and secondary schools, by source of funds: Selected years, 1919–20 through 2009–10—Continued

School year	Revenues (in thousands)							Revenues per pupil						
	Total	Federal	State	Local (including intermediate)				Total	Federal	State	Local (including intermediate)			
				Total	Property taxes	Other public revenue	Private <sup>1</sup>				Total	Property taxes	Other public revenue	Private <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1999–2000.....	501,316,992	36,425,383	248,160,205	216,731,404	167,671,465	37,139,237	11,920,702	10,699	777	5,296	4,625	3,578	793	254
2000–01.....	521,637,799	37,821,163	259,395,789	224,420,846	172,307,360	40,146,422	11,967,064	11,051	801	5,495	4,754	3,650	850	254
2001–02.....	535,736,549	42,328,266	263,769,883	229,638,400	180,190,130	36,939,244	12,509,026	11,238	888	5,533	4,817	3,780	775	262
2002–03.....	549,970,393	46,880,466	267,764,393	235,325,534	185,582,647	36,962,681	12,780,206	11,414	973	5,557	4,884	3,852	767	265
2003–04.....	564,994,569	51,266,612	265,831,058	247,896,898	196,394,292	38,705,432	12,797,174	11,640	1,056	5,477	5,107	4,046	797	264
2004–05.....	579,031,106	53,195,131	271,324,808	254,511,167	199,332,328	42,064,464	13,114,374	11,866	1,090	5,560	5,216	4,085	862	269
2005–06.....	595,377,187	54,381,963	276,921,231	264,073,993	203,878,314	47,014,150	13,181,530	12,123	1,107	5,638	5,377	4,153	957	268
2006–07.....	619,484,464	52,561,640	293,860,639	273,062,185	209,895,261	49,948,434	13,218,490	12,575	1,067	5,965	5,543	4,261	1,014	268
2007–08.....	628,494,501	51,369,295	303,799,654	273,325,553	211,247,087	48,710,451	13,368,015	12,769	1,044	6,172	5,553	4,292	990	272
2008–09 <sup>2</sup> .....	628,043,305	60,077,742	293,152,591	274,812,973	218,197,542	43,672,313	12,943,118	12,756	1,220	5,954	5,582	4,432	887	263
2009–10.....	627,341,555	79,795,384	272,792,165	274,754,006	221,452,191	40,752,522	12,549,292	12,716	1,617	5,530	5,569	4,489	826	254
	Percentage distribution													
1919–20.....	100.0	0.3	16.5	83.2	—	—	—	100.0	0.3	16.5	83.2	—	—	—
1929–30.....	100.0	0.4	16.9	82.7	—	—	—	100.0	0.4	16.9	82.7	—	—	—
1939–40.....	100.0	1.8	30.3	68.0	—	—	—	100.0	1.8	30.3	68.0	—	—	—
1949–50.....	100.0	2.9	39.8	57.3	—	—	—	100.0	2.9	39.8	57.3	—	—	—
1959–60.....	100.0	4.4	39.1	56.5	—	—	—	100.0	4.4	39.1	56.5	—	—	—
1969–70.....	100.0	8.0	39.9	52.1	—	—	—	100.0	8.0	39.9	52.1	—	—	—
1979–80.....	100.0	9.8	46.8	43.4	—	—	—	100.0	9.8	46.8	43.4	—	—	—
1989–90.....	100.0	6.1	47.1	46.8	35.9	8.2	2.7	100.0	6.1	47.1	46.8	35.9	8.2	2.7
1990–91.....	100.0	6.2	47.2	46.7	36.0	8.0	2.6	100.0	6.2	47.2	46.7	36.0	8.0	2.6
1991–92.....	100.0	6.6	46.4	47.0	36.6	7.8	2.6	100.0	6.6	46.4	47.0	36.6	7.8	2.6
1992–93.....	100.0	7.0	45.8	47.2	35.2	9.3	2.7	100.0	7.0	45.8	47.2	35.2	9.3	2.7
1993–94.....	100.0	7.1	45.2	47.8	37.6	7.6	2.7	100.0	7.1	45.2	47.8	37.6	7.6	2.7
1994–95.....	100.0	6.8	46.8	46.4	35.9	7.9	2.7	100.0	6.8	46.8	46.4	35.9	7.9	2.7
1995–96.....	100.0	6.6	47.5	45.9	35.4	7.8	2.6	100.0	6.6	47.5	45.9	35.4	7.8	2.6
1996–97.....	100.0	6.6	48.0	45.4	34.9	8.0	2.5	100.0	6.6	48.0	45.4	34.9	8.0	2.5
1997–98.....	100.0	6.8	48.4	44.8	34.1	8.2	2.5	100.0	6.8	48.4	44.8	34.1	8.2	2.5
1998–99.....	100.0	7.1	48.7	44.2	34.4	7.3	2.5	100.0	7.1	48.7	44.2	34.4	7.3	2.5
1999–2000.....	100.0	7.3	49.5	43.2	33.4	7.4	2.4	100.0	7.3	49.5	43.2	33.4	7.4	2.4
2000–01.....	100.0	7.3	49.7	43.0	33.0	7.7	2.3	100.0	7.3	49.7	43.0	33.0	7.7	2.3
2001–02.....	100.0	7.9	49.2	42.9	33.6	6.9	2.3	100.0	7.9	49.2	42.9	33.6	6.9	2.3
2002–03.....	100.0	8.5	48.7	42.8	33.7	6.7	2.3	100.0	8.5	48.7	42.8	33.7	6.7	2.3
2003–04.....	100.0	9.1	47.1	43.9	34.8	6.9	2.3	100.0	9.1	47.1	43.9	34.8	6.9	2.3
2004–05.....	100.0	9.2	46.9	44.0	34.4	7.3	2.3	100.0	9.2	46.9	44.0	34.4	7.3	2.3
2005–06.....	100.0	9.1	46.5	44.4	34.2	7.9	2.2	100.0	9.1	46.5	44.4	34.2	7.9	2.2
2006–07.....	100.0	8.5	47.4	44.1	33.9	8.1	2.1	100.0	8.5	47.4	44.1	33.9	8.1	2.1
2007–08.....	100.0	8.2	48.3	43.5	33.6	7.8	2.1	100.0	8.2	48.3	43.5	33.6	7.8	2.1
2008–09 <sup>2</sup> .....	100.0	9.6	46.7	43.8	34.7	7.0	2.1	100.0	9.6	46.7	43.8	34.7	7.0	2.1
2009–10.....	100.0	12.7	43.5	43.8	35.3	6.5	2.0	100.0	12.7	43.5	43.8	35.3	6.5	2.0

—Not available.

#Rounds to zero.

<sup>1</sup>Includes revenues from gifts, and tuition and fees from patrons.

<sup>2</sup>Data have been revised from previously published figures.

NOTE: Beginning in 1989–90, revenues for state education agencies were excluded and new survey collection procedures were initiated; data may not be entirely comparable with figures for earlier years. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1919–20 through 1949–50; *Statistics of State School Systems*, 1959–60 and 1969–70; *Revenues and Expenditures for Public Elementary and Secondary Education, 1979–80*; and Common Core of Data (CCD), “National Public Education Financial Survey,” 1989–90 through 2009–10. (This table was prepared January 2013.)

Table 203. Revenues for public elementary and secondary schools, by source and state or jurisdiction: 2009–10

State or jurisdiction	Total (in thousands)	Federal			State		Local and intermediate					
		Amount (in thousands)	Per pupil	Percent of total	Amount (in thousands)	Percent of total	Amount (in thousands) <sup>1</sup>	Percent of total	Property taxes		Private <sup>2</sup>	
									Amount (in thousands)	Percent of total	Amount (in thousands)	Percent of total
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>\$597,485,869</b>	<b>\$75,997,858</b>	<b>\$1,544</b>	<b>12.7</b>	<b>\$259,809,768</b>	<b>43.5</b>	<b>\$261,678,243</b>	<b>43.8</b>	<b>\$210,913,105</b>	<b>35.3</b>	<b>\$11,952,061</b>	<b>2.0</b>
Alabama .....	7,239,691	1,168,016	1,560	16.1	3,800,153	52.5	2,271,522	31.4	1,066,022	14.7	315,061	4.4
Alaska .....	2,338,215	369,729	2,808	15.8	1,461,906	62.5	506,580	21.7	264,899	11.3	22,533	1.0
Arizona .....	10,069,959	1,893,298	1,757	18.8	3,896,117	38.7	4,280,545	42.5	3,236,621	32.1	228,238	2.3
Arkansas .....	5,160,401	819,459	1,705	15.9	2,686,231	52.1	1,654,711	32.1	1,404,473	27.2	141,642	2.7
California .....	64,130,242	8,855,246	1,414	13.8	34,743,249	54.2	20,531,747	32.0	16,379,989	25.5	476,595	0.7
Colorado .....	8,852,609	730,363	877	8.3	3,860,026	43.6	4,262,220	48.1	3,453,889	39.0	320,211	3.6
Connecticut .....	9,895,487	854,645	1,515	8.6	3,463,790	35.0	5,577,052	56.4	5,410,541	54.7	119,437	1.2
Delaware .....	1,784,101	218,204	1,721	12.2	1,046,317	58.6	519,580	29.1	439,793	24.7	17,112	1.0
District of Columbia .....	1,720,917	156,202	2,250	9.1	†	†	1,564,715	90.9	600,285	34.9	11,538	0.7
Florida .....	26,056,857	4,200,101	1,594	16.1	8,216,579	31.5	13,640,177	52.3	11,545,456	44.3	1,045,943	4.0
Georgia .....	17,835,791	2,645,785	1,587	14.8	6,764,686	37.9	8,425,320	47.2	6,028,115	33.8	459,224	2.6
Hawaii .....	2,564,855	382,399	2,122	14.9	2,093,299	81.6	89,157	3.5	0	0.0	25,276	1.0
Idaho .....	2,222,539	462,867	1,675	20.8	1,284,139	57.8	475,533	21.4	395,012	17.8	34,792	1.6
Illinois .....	28,263,059	3,508,917	1,668	12.4	8,021,217	28.4	16,732,925	59.2	14,652,216	51.6	494,360	1.7
Indiana .....	13,641,695	1,513,137	1,446	11.1	6,441,408	47.2	5,687,150	41.7	4,242,737	31.1	332,598	2.4
Iowa .....	5,541,140	743,561	1,512	13.4	2,217,893	40.0	2,579,686	46.6	1,775,152	32.0	143,962	2.6
Kansas .....	5,487,071	641,619	1,352	11.7	2,893,517	52.7	1,951,936	35.6	1,532,464	27.9	117,068	2.1
Kentucky .....	6,873,286	1,139,931	1,676	16.6	3,582,406	52.1	2,150,950	31.3	1,529,687	22.3	114,275	1.7
Louisiana .....	8,215,973	1,572,272	2,276	19.1	3,533,026	43.0	3,110,675	37.9	1,302,572	15.9	68,158	0.8
Maine .....	2,639,779	315,277	1,666	11.9	1,079,330	40.9	1,245,173	47.2	1,176,557	44.6	40,480	1.5
Maryland .....	13,352,511	1,039,305	1,225	7.8	5,544,364	41.5	6,768,842	50.7	3,223,729	24.1	288,940	2.2
Massachusetts .....	15,570,234	1,175,524	1,228	7.5	6,476,420	41.6	7,918,291	50.9	7,428,177	47.7	225,881	1.5
Michigan .....	19,401,180	2,575,799	1,562	13.3	10,516,655	54.2	6,308,726	32.5	5,476,855	28.2	300,224	1.5
Minnesota .....	10,639,251	1,326,127	1,584	12.3	6,309,625	59.3	3,003,499	28.2	1,918,305	18.0	320,535	3.0
Mississippi .....	4,443,683	945,971	1,921	21.3	2,109,083	47.5	1,388,629	31.2	1,101,206	24.8	113,622	2.6
Missouri .....	10,157,112	1,515,939	1,651	14.9	2,971,265	29.3	5,669,907	55.8	4,444,319	43.8	349,604	3.4
Montana .....	1,616,262	259,304	1,829	16.0	753,976	46.6	602,983	37.3	376,485	23.3	60,254	3.7
Nebraska .....	3,693,930	469,503	1,657	12.7	1,220,466	33.0	2,003,961	54.3	1,762,545	47.7	151,369	4.1
Nevada .....	4,310,014	367,140	856	8.5	1,406,630	32.6	2,536,244	58.8	1,428,812	33.2	43,417	1.0
New Hampshire .....	2,810,018	351,279	1,782	12.5	902,020	32.1	1,556,719	55.4	1,482,599	52.8	48,388	1.7
New Jersey .....	25,856,286	2,422,449	1,735	9.4	9,412,795	36.4	14,021,042	54.2	13,166,699	50.9	579,089	2.2
New Mexico .....	3,760,801	789,309	2,360	21.0	2,384,730	63.4	586,762	15.6	459,714	12.2	50,553	1.3
New York .....	57,146,375	5,122,664	1,852	9.0	23,438,008	41.0	28,585,703	50.0	25,333,662	44.3	350,624	0.6
North Carolina .....	13,056,767	1,991,491	1,343	15.3	7,602,930	58.2	3,462,346	26.5	2,734,835	20.9	260,556	2.0
North Dakota .....	1,256,048	277,989	2,924	22.1	552,862	44.0	425,197	33.9	318,596	25.4	49,289	3.9
Ohio .....	22,729,890	2,452,032	1,390	10.8	10,017,540	44.1	10,260,318	45.1	8,374,127	36.8	684,267	3.0
Oklahoma .....	5,699,758	978,847	1,495	17.2	2,726,116	47.8	1,994,795	35.0	1,472,521	25.8	250,864	4.4
Oregon .....	6,211,294	820,955	1,409	13.2	2,945,986	47.4	2,444,352	39.4	1,958,001	31.5	150,287	2.4
Pennsylvania .....	26,408,846	2,887,079	1,617	10.9	9,456,502	35.8	14,065,265	53.3	11,258,861	42.6	393,956	1.5
Rhode Island .....	2,262,193	259,486	1,788	11.5	790,260	34.9	1,212,447	53.6	1,179,194	52.1	21,334	0.9
South Carolina .....	7,837,314	1,092,174	1,510	13.9	3,431,142	43.8	3,313,999	42.3	2,559,866	32.7	242,710	3.1
South Dakota .....	1,300,147	253,761	2,051	19.5	404,402	31.1	641,985	49.4	535,294	41.2	36,414	2.8
Tennessee .....	8,528,047	1,158,247	1,191	13.6	3,842,346	45.1	3,527,454	41.4	1,718,271	20.1	420,647	4.9
Texas .....	50,045,607	7,787,692	1,606	15.6	19,714,162	39.4	22,543,753	45.0	20,441,180	40.8	951,295	4.2
Utah .....	4,464,562	560,352	995	12.6	2,283,683	51.2	1,620,527	36.3	1,215,476	27.2	187,945	4.2
Vermont .....	1,638,396	174,139	1,904	10.6	1,337,034	81.6	127,223	7.8	2,742	0.2	24,793	1.5
Virginia .....	14,692,849	1,527,093	1,226	10.4	5,485,997	37.3	7,679,759	52.3	4,299,233	29.3	275,539	1.9
Washington .....	11,817,488	1,401,295	1,353	11.9	6,931,627	58.7	3,484,566	29.5	2,888,260	24.4	312,865	2.6
West Virginia .....	3,432,220	536,424	1,898	15.6	1,899,967	55.4	995,830	29.0	896,121	26.1	28,102	0.8
Wisconsin .....	11,104,749	1,163,103	1,343	10.5	4,975,033	44.8	4,966,614	44.7	4,562,148	41.1	232,262	2.1
Wyoming .....	1,708,365	124,360	1,419	7.3	880,853	51.6	703,152	41.2	458,790	26.9	17,935	1.0
Other jurisdictions												
American Samoa .....	75,691	64,364	—	85.0	11,051	14.6	277	0.4	0	0.0	84	0.1
Guam .....	252,926	50,166	—	19.8	0	0.0	202,760	80.2	0	0.0	865	0.3
Northern Marianas .....	72,628	41,148	3,754	56.7	31,220	43.0	260	0.4	0	0.0	0	0.0
Puerto Rico .....	4,345,726	1,617,604	3,279	37.2	2,725,019	62.7	3,103	0.1	0	0.0	3,100	0.1
U.S. Virgin Islands .....	266,086	89,574	5,782	33.7	0	0.0	176,513	66.3	0	0.0	142	0.1

—Not available.

†Not applicable.

<sup>1</sup>Includes other categories of revenue not separately shown.<sup>2</sup>Includes revenues from gifts, and tuition and fees from patrons.

NOTE: Excludes revenues for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2009–10. (This table was prepared January 2013.)

Table 204. Revenues for public elementary and secondary schools, by source and state or jurisdiction: 2008–09

State or jurisdiction	Total (in thousands)	Federal			State		Local (including intermediate)					
		Amount (in thousands)	Per pupil	Percent of total	Amount (in thousands)	Percent of total	Amount (in thousands) <sup>1</sup>	Percent of total	Property taxes		Private <sup>2</sup>	
									Amount (in thousands)	Percent of total	Amount (in thousands)	Percent of total
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>\$592,422,033</b>	<b>\$56,670,261</b>	<b>\$1,151</b>	<b>9.6</b>	<b>\$276,525,603</b>	<b>46.7</b>	<b>\$259,226,169</b>	<b>43.8</b>	<b>\$205,821,844</b>	<b>34.7</b>	<b>\$12,209,012</b>	<b>2.1</b>
Alabama .....	7,239,083	777,591	1,043	10.7	4,166,018	57.5	2,295,475	31.7	1,043,596	14.4	303,176	4.2
Alaska .....	2,262,964	314,949	2,410	13.9	1,459,658	64.5	488,356	21.6	227,279	10.0	22,777	1.0
Arizona .....	9,792,303	1,164,199	1,070	11.9	4,628,421	47.3	3,999,683	40.8	3,168,998	32.4	240,902	2.5
Arkansas .....	4,823,956	556,500	1,162	11.5	2,684,309	55.6	1,583,147	32.8	1,317,525	27.3	145,506	3.0
California .....	70,687,012	9,185,270	1,453	13.0	40,605,913	57.4	20,895,829	29.6	16,285,557	23.0	527,770	0.7
Colorado .....	8,353,849	578,233	707	6.9	3,670,240	43.9	4,105,376	49.1	3,302,064	39.5	328,289	3.9
Connecticut .....	9,871,755	440,826	777	4.5	3,842,177	38.9	5,588,751	56.6	5,411,897	54.8	126,286	1.3
Delaware .....	1,755,133	142,428	1,136	8.1	1,094,909	62.4	517,796	29.5	435,192	24.8	18,773	1.1
District of Columbia .....	1,651,014	175,732	2,559	10.6	1,475,283	89.4	1,475,283	89.4	807,127	18.6	10,848	0.7
Florida .....	26,322,090	2,694,579	1,024	10.2	9,047,588	34.4	14,579,923	55.4	12,467,923	47.4	967,448	3.7
Georgia .....	18,017,477	1,688,274	1,020	9.4	7,780,725	43.2	8,548,478	47.4	6,099,649	33.9	478,489	2.7
Hawaii .....	2,601,823	305,550	1,702	11.7	2,205,032	84.7	91,241	3.5	0	0.0	24,515	0.9
Idaho .....	2,243,784	229,156	833	10.2	1,509,815	67.3	504,812	22.5	411,166	18.3	37,856	1.7
Illinois .....	26,512,711	3,146,741	1,486	11.9	7,324,750	27.6	16,041,221	60.5	13,799,481	52.0	509,814	1.9
Indiana .....	12,569,782	1,432,813	1,370	11.4	4,964,928	39.5	6,172,042	49.1	4,794,930	38.1	341,401	2.7
Iowa .....	5,519,854	443,827	910	8.0	2,545,360	46.1	2,530,666	45.8	1,686,820	30.6	147,308	2.7
Kansas .....	5,754,449	453,608	963	7.9	3,323,346	57.8	1,977,495	34.4	1,506,567	26.2	120,835	2.1
Kentucky .....	6,641,128	731,351	1,092	11.0	3,802,150	57.3	2,107,627	31.7	1,454,252	21.9	117,576	1.8
Louisiana .....	8,099,981	1,264,057	1,846	15.6	3,740,262	46.2	3,095,662	38.2	1,201,568	14.8	68,196	0.8
Maine .....	2,575,516	245,719	1,274	9.5	1,127,032	43.8	1,202,765	46.7	1,132,763	44.0	44,278	1.7
Maryland .....	13,097,508	694,847	823	5.3	5,698,735	43.5	6,703,926	51.2	3,176,196	24.3	305,572	2.3
Massachusetts .....	15,102,480	1,276,250	1,331	8.9	6,036,202	40.0	7,790,028	51.6	7,205,305	47.7	204,823	1.4
Michigan .....	19,585,635	2,253,844	1,358	11.3	10,904,987	55.7	6,427,094	32.8	5,482,529	28.0	324,586	1.7
Minnesota .....	10,542,303	632,057	756	6.0	6,914,839	65.6	2,995,407	28.4	1,801,168	17.1	325,954	3.1
Mississippi .....	4,360,702	675,972	1,374	15.5	2,334,355	53.5	1,350,375	31.0	1,053,180	24.2	116,176	2.7
Missouri .....	10,042,753	833,909	909	8.3	3,425,716	34.1	5,783,128	57.6	4,461,471	44.4	356,364	3.5
Montana .....	1,595,197	199,017	1,403	12.5	774,091	48.5	622,089	39.0	387,229	24.3	59,285	3.7
Nebraska .....	3,455,794	280,666	997	8.3	1,213,317	35.1	1,961,810	56.8	1,701,529	49.2	153,210	4.4
Nevada .....	4,450,741	434,484	1,003	9.3	1,362,123	30.6	2,654,134	59.6	1,449,301	32.6	129,908	2.9
New Hampshire .....	2,717,115	147,318	744	5.4	1,003,249	36.9	1,566,547	57.7	1,483,896	54.6	50,236	1.8
New Jersey .....	25,335,461	1,040,733	753	4.1	10,558,101	41.7	13,736,627	54.2	12,868,317	50.8	561,687	2.2
New Mexico .....	3,820,116	569,047	1,723	14.9	2,675,916	70.0	575,152	15.1	442,389	11.6	53,334	1.4
New York .....	55,558,190	3,220,417	1,175	5.8	25,346,556	45.6	26,991,217	48.6	24,286,747	43.7	360,999	0.6
North Carolina .....	13,322,946	1,406,499	945	10.6	8,401,249	63.1	3,515,648	26.4	2,751,450	20.7	283,807	2.1
North Dakota .....	1,102,479	161,484	1,705	14.6	408,004	37.0	532,990	48.3	426,615	38.7	47,578	4.3
Ohio .....	22,335,976	1,685,617	928	7.5	10,297,735	46.1	10,352,625	46.3	8,411,116	37.7	691,892	3.1
Oklahoma .....	5,729,610	770,745	1,195	13.5	3,042,487	53.1	1,916,378	33.4	1,356,942	23.7	255,202	4.5
Oregon .....	6,145,206	670,547	1,165	10.9	3,117,303	50.7	2,357,357	38.4	1,837,657	29.9	147,187	2.4
Pennsylvania .....	25,632,072	1,868,034	1,052	7.3	9,920,340	38.7	13,843,699	54.0	10,437,514	40.7	400,487	1.6
Rhode Island .....	2,232,149	215,514	1,483	9.7	817,590	36.6	1,199,044	53.7	1,163,574	52.1	21,514	1.0
South Carolina .....	7,702,962	762,297	1,062	9.9	3,679,907	47.8	3,260,758	42.3	2,484,980	32.3	246,603	3.2
South Dakota .....	1,241,892	203,354	1,608	16.4	410,179	33.0	628,359	50.6	515,512	41.5	36,612	2.9
Tennessee .....	8,283,928	935,135	962	11.3	3,808,467	46.0	3,539,325	42.7	1,677,865	20.3	443,677	3.4
Texas .....	46,962,119	5,014,820	1,055	10.7	19,973,129	42.5	21,974,171	46.8	19,519,690	41.6	944,003	3.0
Utah .....	4,542,690	565,022	1,027	12.4	2,387,698	52.6	1,589,970	35.0	1,156,660	25.5	188,910	4.2
Vermont .....	1,571,006	102,785	1,098	6.5	1,346,300	85.7	121,922	7.8	2,030	0.1	22,915	1.5
Virginia .....	14,964,444	914,524	740	6.1	6,303,648	42.1	7,746,272	51.8	3,908,139	26.1	290,243	1.9
Washington .....	11,903,510	1,385,449	1,336	11.6	7,146,394	60.0	3,371,667	28.3	2,732,696	23.0	312,487	2.6
West Virginia .....	3,261,385	366,038	1,295	12.2	1,938,999	59.1	976,347	29.8	864,804	26.4	30,313	0.9
Wisconsin .....	10,832,105	1,302,449	1,502	12.0	4,809,185	44.4	4,720,471	43.6	4,308,914	39.8	242,049	2.2
Wyoming .....	1,675,896	110,634	1,276	6.6	945,167	56.4	620,095	37.0	411,981	24.6	19,344	1.2
Other jurisdictions												
American Samoa .....	79,922	68,432	—	85.6	11,282	14.1	209	0.3	0	0.0	209	0.3
Guam .....	262,823	50,170	—	19.1	0	0.0	212,652	80.9	0	0.0	767	0.3
Northern Marianas .....	65,538	30,711	2,814	46.9	34,602	52.8	225	0.3	0	0.0	0	0.0
Puerto Rico .....	3,542,658	1,076,147	2,137	30.4	2,462,725	69.5	3,787	0.1	0	0.0	3,775	0.1
U.S. Virgin Islands .....	243,079	40,037	2,539	16.5	0	0.0	203,042	83.5	0	0.0	39,505	16.3

—Not available.

<sup>†</sup>Not applicable.

<sup>1</sup>Includes other categories of revenue not separately shown.

<sup>2</sup>Includes revenues from gifts, and tuition and fees from patrons.

NOTE: Excludes revenues for state education agencies. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2008–09. (This table was prepared November 2012.)





**Table 206. Students transported at public expense and current expenditures for transportation: Selected years, 1929–30 through 2009–10**

School year	Average daily attendance, all students	Students transported at public expense		Expenditures for transportation (in unadjusted dollars)		Expenditures for transportation (in constant 2011–12 dollars) <sup>1</sup>	
		Number	Percent of total	Total <sup>2</sup> (in thousands)	Average per student transported	Total <sup>2</sup> (in thousands)	Average per student transported
1	2	3	4	5	6	7	8
1929–30.....	21,265,000	1,902,826	8.9	\$54,823	\$29	\$728,854	\$383
1931–32.....	22,245,000	2,419,173	10.9	58,078	24	916,732	379
1933–34.....	22,458,000	2,794,724	12.4	53,908	19	926,414	331
1935–36.....	22,299,000	3,250,658	14.6	62,653	19	1,037,522	319
1937–38.....	22,298,000	3,769,242	16.9	75,637	20	1,201,559	319
1939–40.....	22,042,000	4,144,161	18.8	83,283	20	1,356,157	327
1941–42.....	21,031,000	4,503,081	21.4	92,922	21	1,356,195	301
1943–44.....	19,603,000	4,512,412	23.0	107,754	24	1,407,233	312
1945–46.....	19,849,000	5,056,966	25.5	129,756	26	1,618,678	320
1947–48.....	20,910,000	5,854,041	28.0	176,265	30	1,721,534	294
1949–50.....	22,284,000	6,947,384	31.2	214,504	31	2,061,124	297
1951–52.....	23,257,000	7,697,130	33.1	268,827	35	2,327,574	302
1953–54.....	25,643,871	8,411,719	32.8	307,437	37	2,601,588	309
1955–56.....	27,740,149	9,695,819	35.0	353,972	37	2,996,378	309
1957–58.....	29,722,275	10,861,689	36.5	416,491	38	3,318,817	306
1959–60.....	32,477,440	12,225,142	37.6	486,338	40	3,766,583	308
1961–62.....	34,682,340	13,222,667	38.1	576,361	44	4,363,550	330
1963–64.....	37,405,058	14,475,778	38.7	673,845	47	4,971,906	343
1965–66.....	39,154,497	15,536,567	39.7	787,358	51	5,615,367	361
1967–68.....	40,827,965	17,130,873	42.0	981,006	57	6,564,415	383
1969–70.....	41,934,376	18,198,577	43.4	1,218,557	67	7,340,858	403
1971–72.....	42,254,272	19,474,355	46.1	1,507,830	77	8,338,501	428
1973–74.....	41,438,054	21,347,039	51.5	1,858,141	87	9,069,123	425
1975–76.....	41,269,720	21,772,483	52.8	2,377,313	109	9,755,008	448
1977–78.....	40,079,590	21,800,000 <sup>3</sup>	54.4	2,731,041	125 <sup>3</sup>	9,922,714	455 <sup>3</sup>
1979–80.....	38,288,911	21,713,515	56.7	3,833,145	177	11,236,068	517
1980–81.....	37,703,744	22,272,000 <sup>3</sup>	59.1	4,408,000 <sup>3</sup>	198 <sup>3</sup>	11,579,873 <sup>3</sup>	520 <sup>3</sup>
1981–82.....	37,094,652	22,246,000 <sup>3</sup>	60.0	4,793,000 <sup>3</sup>	215 <sup>3</sup>	11,590,078 <sup>3</sup>	521 <sup>3</sup>
1982–83.....	36,635,868	22,199,000 <sup>3</sup>	60.6	5,000,000 <sup>3</sup>	225 <sup>3</sup>	11,592,715 <sup>3</sup>	522 <sup>3</sup>
1983–84.....	36,362,978	22,031,000 <sup>3</sup>	60.6	5,284,000 <sup>3</sup>	240 <sup>3</sup>	11,813,893 <sup>3</sup>	536 <sup>3</sup>
1984–85.....	36,404,261	22,320,000 <sup>3</sup>	61.3	5,722,000 <sup>3</sup>	256 <sup>3</sup>	12,311,278 <sup>3</sup>	552 <sup>3</sup>
1985–86.....	36,523,103	22,041,000 <sup>3</sup>	60.3	6,123,000 <sup>3</sup>	278 <sup>3</sup>	12,804,805 <sup>3</sup>	581 <sup>3</sup>
1986–87.....	36,863,867	22,397,000 <sup>3</sup>	60.8	6,551,000 <sup>3</sup>	292 <sup>3</sup>	13,402,303 <sup>3</sup>	598 <sup>3</sup>
1987–88.....	37,050,707	22,158,000 <sup>3</sup>	59.8	6,888,000 <sup>3</sup>	311 <sup>3</sup>	13,531,083 <sup>3</sup>	611 <sup>3</sup>
1988–89.....	37,268,072	22,635,000 <sup>3</sup>	60.7	7,550,000 <sup>3</sup>	334 <sup>3</sup>	14,176,808 <sup>3</sup>	626 <sup>3</sup>
1989–90.....	37,799,296	22,459,000 <sup>3</sup>	59.4	8,030,990	358 <sup>3</sup>	14,393,167	641 <sup>3</sup>
1990–91.....	38,426,543	22,000,000 <sup>3</sup>	57.3	8,678,954	394 <sup>3</sup>	14,748,137	670 <sup>3</sup>
1991–92.....	38,960,783	23,165,000 <sup>3</sup>	59.5	8,769,754	379 <sup>3</sup>	14,439,750	623 <sup>3</sup>
1992–93.....	39,570,462	23,439,000 <sup>3</sup>	59.2	9,252,300	395 <sup>3</sup>	14,772,845	630 <sup>3</sup>
1993–94.....	40,146,393	23,858,000 <sup>3</sup>	59.4	9,627,155	404 <sup>3</sup>	14,983,234	628 <sup>3</sup>
1994–95.....	40,720,763	23,693,000 <sup>3</sup>	58.2	9,889,034	417 <sup>3</sup>	14,961,956	631 <sup>3</sup>
1995–96.....	41,501,596	24,155,000 <sup>3</sup>	58.2	10,396,426	430 <sup>3</sup>	15,313,026	634 <sup>3</sup>
1996–97.....	42,262,004	24,090,000 <sup>3</sup>	57.0	10,989,809	456 <sup>3</sup>	15,738,011	653 <sup>3</sup>
1997–98.....	42,765,774	24,342,000 <sup>3</sup>	56.9	11,465,658	471 <sup>3</sup>	16,131,756	663 <sup>3</sup>
1998–99.....	43,186,715	24,898,000 <sup>3</sup>	57.7	12,224,454	491 <sup>3</sup>	16,906,674	679 <sup>3</sup>
1999–2000.....	43,806,726	24,951,000 <sup>3</sup>	57.0	13,007,625	521 <sup>3</sup>	17,485,057	701 <sup>3</sup>
2000–01.....	44,075,930	24,471,000 <sup>3</sup>	55.5	14,052,654	574 <sup>3</sup>	18,264,068	746 <sup>3</sup>
2001–02.....	44,604,592	24,529,000 <sup>4</sup>	55.0	14,799,365	603 <sup>4</sup>	18,899,937	771 <sup>4</sup>
2002–03.....	45,017,360	24,621,000 <sup>4</sup>	54.7	15,648,821	636 <sup>4</sup>	19,555,011	794 <sup>4</sup>
2003–04.....	45,325,731	25,159,000 <sup>4</sup>	55.5	16,348,784	650 <sup>4</sup>	19,992,321	795 <sup>4</sup>
2004–05.....	45,625,458	25,318,000 <sup>4</sup>	55.5	17,459,659	690 <sup>4</sup>	20,727,037	819 <sup>4</sup>
2005–06.....	45,931,617	25,252,000 <sup>4</sup>	55.0	18,850,234	746 <sup>4</sup>	21,556,914	854 <sup>4</sup>
2006–07.....	46,132,663	25,285,000 <sup>4</sup>	54.8	19,979,068	790 <sup>4</sup>	22,271,878	881 <sup>4</sup>
2007–08.....	46,155,880	25,221,000 <sup>4</sup>	54.6	21,536,978	854 <sup>3</sup>	23,150,761	918 <sup>3</sup>
2008–09.....	46,173,477	—	—	21,679,876	860 <sup>3</sup>	22,983,448	912 <sup>3</sup>
2009–10.....	45,913,237	—	—	21,841,557	871 <sup>3</sup>	22,932,954	915 <sup>3</sup>

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Excludes capital outlay for years through 1979–80, and 1989–90 to the latest year. From 1980–81 to 1988–89 total transportation figures include capital outlay.

<sup>3</sup>Estimate based on data appearing in January issues of *School Bus Fleet*.

<sup>4</sup>Estimate based on data reported by *School Transportation News*.

NOTE: Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1929–30 through 1975–76; Revenues and Expenditures for Public Elementary and Secondary Education, 1977–78 and 1979–80; Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10; Bobit Publishing Co., School Bus Fleet, "School Transportation: 2000–2001 School Year" and "2010 Fact Book"; School Transportation News, "K–12 Enrollment/Transportation Data," 2001–02 through 2007–08; and unpublished data. (This table was prepared January 2013.)*



**Table 207. Current expenditures for public elementary and secondary education, by state or jurisdiction: Selected years, 1969–70 through 2009–10—Continued**  
[In thousands of current dollars]

State or jurisdiction	1969–70	1979–80	1980–81	1989–90	1995–96	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09 <sup>1</sup>	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
South Carolina .....	367,689	997,984	1,006,088	2,322,618	3,085,495	4,087,355	4,492,161	4,744,809	4,888,250	5,017,833	5,312,739	5,696,629	6,023,043	6,453,817	6,626,763	6,566,165
South Dakota .....	109,375	238,332	242,215	447,074	610,640	737,998	796,133	819,296	851,429	887,328	916,563	948,671	977,006	1,037,875	1,080,054	1,115,861
Tennessee .....	473,226	1,319,303	1,429,938	2,790,808	3,728,486	4,931,734	5,170,379	5,501,029	5,674,773	6,056,657	6,446,691	6,681,445	6,975,099	7,540,306	7,768,063	7,894,661
Texas .....	1,518,181	4,997,689	5,310,181	12,763,954	18,801,462	25,098,703	26,546,557	28,191,128	30,399,603	30,974,890	31,919,107	33,851,773	36,105,784	39,033,235	40,688,181	42,621,886
Utah .....	179,981	518,251	587,648	1,130,135	1,719,782	2,102,655	2,250,339	2,374,702	2,366,897	2,475,550	2,627,022	2,778,236	2,987,810	3,444,936	3,638,775	3,635,085
Vermont .....	78,921	189,811	224,901	546,901	684,864	870,198	934,031	992,149	1,045,213	1,111,029	1,177,478	1,237,442	1,300,149	1,356,165	1,413,329	1,463,792
Virginia .....	704,677	1,881,519	2,045,412	4,621,071	5,969,608	7,757,598	8,335,805	8,718,554	9,208,329	9,798,239	10,705,162	11,470,735	12,465,858	13,125,666	13,505,290	13,193,633
Washington .....	699,984	1,825,782	1,791,477	3,550,819	5,394,507	6,399,885	6,782,136	7,103,817	7,359,566	7,549,235	7,870,979	8,239,716	8,752,007	9,331,539	9,940,325	9,832,913
West Virginia .....	249,404	678,386	754,889	1,316,637	1,806,004	2,086,937	2,157,568	2,219,013	2,349,833	2,415,043	2,527,767	2,651,491	2,742,344	2,841,962	2,998,657	3,315,648
Wisconsin .....	777,288	1,908,523	2,035,879	3,929,920	5,670,826	6,852,178	7,249,081	7,592,176	7,934,755	8,131,276	8,435,359	8,745,195	9,029,660	9,366,134	9,696,228	9,918,809
Wyoming .....	69,584	226,067	271,153	509,084	581,817	683,918	704,695	761,830	791,732	814,092	863,423	965,350	1,124,564	1,191,736	1,268,407	1,334,655
Other jurisdictions																
American Samoa .....	—	—	—	21,838	30,382	42,395	40,642	46,192	47,566	55,519	58,163	58,539	57,093	63,105	65,436	70,305
Guam .....	16,652	—	—	101,130	—	—	—	—	—	182,506	—	210,119	219,881	229,243	235,711	235,784
Northern Marianas .....	—	—	—	20,476	44,037	49,832	49,151	46,508	50,843	47,681	58,400	57,694	55,048	51,241	62,787	62,210
Puerto Rico .....	—	—	713,000	1,045,407	1,667,640	2,086,414	2,257,837	2,152,724	2,541,385	2,425,372	2,865,945	3,082,295	3,268,200	3,433,229	3,502,757	3,464,044
U.S. Virgin Islands .....	—	—	—	128,065	122,286	135,174	125,252	107,343	125,405	128,250	137,793	146,872	157,446	196,533	201,326	218,734

—Not available.

<sup>1</sup>Data have been revised from previously published figures.

NOTE: Beginning in 1980–81, expenditures for state administration are excluded. Data are not adjusted for changes in the purchasing power of the dollar due to inflation. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems, 1969–70; Revenues and Expenditures for Public Elementary and Secondary Education, 1979–80 and 1980–81; and Common Core of Data (CCD), "National Public Education Financial Survey," 1989–90 through 2009–10.* (This table was prepared January 2013.)



**Table 208. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 2009–10—Continued**

[In thousands of current dollars]

State or jurisdiction	Total expenditures															
	Total	Current expenditures for elementary and secondary programs												Other current expenditures <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt
		Elementary/ secondary current expenditures, total	Instruction	Support services								Food services	Enterprise operations <sup>3</sup>			
				Total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Vermont .....	1,555,316	1,463,792	912,181	512,731	112,672	66,119	34,935	98,999	120,248	46,362	33,395	37,978	901	11,351	65,110	15,064
Virginia .....	14,548,960	13,193,633	8,049,182	4,654,450	642,427	880,781	208,524	776,274	1,260,203	673,845	212,396	488,588	1,413	75,524	1,126,998	152,806
Washington .....	11,797,716	9,832,913	5,932,836	3,456,003	658,555	414,040	188,219	564,547	872,213	390,841	367,588	326,067	118,007	36,158	1,509,632	419,013
West Virginia .....	3,435,241	3,315,648	2,008,007	1,133,721	146,619	129,455	72,866	160,761	332,655	234,594	56,771	173,920	0	43,024	62,733	13,836
Wisconsin .....	11,470,336	9,918,809	6,088,281	3,482,565	468,750	482,156	258,868	493,423	872,687	359,657	547,023	347,830	133	308,740	590,171	652,617
Wyoming .....	1,685,613	1,334,655	788,716	504,837	77,033	86,920	27,235	72,602	130,000	61,125	49,921	40,106	996	8,190	340,679	2,090
Other jurisdictions																
American Samoa .....	76,796	70,305	32,396	20,165	1,919	6,418	1,067	5,920	2,239	1,185	1,417	17,744	0	2,084	4,407	0
Guam .....	244,248	235,784	132,678	88,729	26,356	4,578	2,263	14,695	30,174	7,609	3,054	14,378	0	0	5,282	3,181
Northern Marianas .....	66,240	62,210	30,164	24,106	6,131	3,151	2,140	5,397	2,931	1,625	2,731	457	7,483	2,534	1,496	0
Puerto Rico .....	3,924,882	3,464,044	1,746,579	1,403,246	224,460	167,957	127,470	177,160	454,846	97,337	154,017	314,219	0	71,026	384,716	5,096
U.S. Virgin Islands .....	224,580	218,734	119,422	90,489	16,227	6,737	5,828	11,423	14,700	14,616	20,959	8,823	0	3,261	2,585	0

<sup>1</sup>Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

<sup>2</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

<sup>3</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also includes small amounts for direct program support made by state education agencies for local school districts.

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2009–10. (This table was prepared January 2013.)

**Table 209. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 2008–09**  
[In thousands of current dollars]

State or jurisdiction	Total expenditures																		
	Total	Current expenditures for elementary and secondary programs												Other current expenditures <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt			
		Elementary/ secondary current expenditures, total	Instruction	Support services								Food services	Enterprise operations <sup>3</sup>						
				Total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
<b>United States</b>	<b>\$610,326,007</b>	<b>\$518,922,842</b>	<b>\$316,075,710</b>	<b>\$181,788,950</b>	<b>\$28,533,413</b>	<b>\$25,018,199</b>	<b>\$10,202,846</b>	<b>\$28,608,480</b>	<b>\$50,559,027</b>	<b>\$21,679,876</b>	<b>\$17,187,109</b>	<b>\$19,794,945</b>	<b>\$1,263,238</b>	<b>\$8,463,793</b>	<b>\$65,890,367</b>	<b>\$17,049,004</b>			
Alabama .....	7,866,617	6,683,843	3,897,501	2,337,967	373,911	311,959	173,277	416,151	610,997	320,755	130,918	448,376	0	115,007	927,145	140,621			
Alaska .....	2,360,715	2,007,319	1,123,574	821,411	161,052	113,309	29,706	121,084	261,004	61,331	73,924	53,355	8,979	7,966	304,504	40,926			
Arizona .....	10,709,708	8,726,755	4,906,783	3,390,138	944,923	231,833	124,700	418,452	972,479	318,306	379,446	382,082	47,753	51,662	1,345,512	585,779			
Arkansas .....	4,862,688	4,240,839	2,462,105	1,534,972	210,994	336,688	103,551	222,227	404,085	152,065	105,361	239,472	4,291	28,502	473,438	119,909			
California .....	72,059,482	60,080,929	35,942,432	21,753,530	3,067,163	3,928,377	572,688	4,010,200	6,150,391	1,472,636	2,552,076	2,236,786	148,182	1,235,054	8,844,862	1,898,637			
Colorado .....	8,732,152	7,187,267	4,141,866	2,761,981	334,618	394,998	117,909	489,394	699,155	214,033	511,873	244,032	39,387	56,266	1,048,756	439,864			
Connecticut .....	9,904,492	8,708,294	5,441,636	2,975,808	539,182	272,889	182,451	498,983	849,063	437,208	196,032	215,038	75,811	146,086	893,667	156,445			
Delaware .....	1,843,876	1,518,786	925,411	532,632	76,345	17,749	19,397	88,877	157,576	97,419	75,270	60,742	0	20,920	258,087	46,083			
District of Columbia .....	1,865,053	1,352,905	624,116	685,775	138,818	88,290	39,250	120,413	124,747	88,538	85,719	41,386	1,627	24,754	474,140	13,254			
Florida .....	29,197,311	23,328,028	14,104,997	8,195,582	1,087,761	1,512,924	210,878	1,332,838	2,500,985	947,681	602,516	1,027,449	0	510,550	4,523,261	835,471			
Georgia .....	18,989,232	15,976,945	10,013,104	5,121,083	766,374	808,520	234,531	933,393	1,185,832	660,665	531,767	795,964	46,793	36,743	2,714,768	260,776			
Hawaii .....	2,423,593	2,225,438	1,384,466	736,148	211,127	73,175	11,688	137,433	166,205	62,619	73,901	104,823	0	25,231	69,864	103,060			
Idaho .....	2,370,488	1,957,740	1,192,267	668,144	113,401	81,142	45,261	109,581	184,705	92,622	41,433	96,900	430	4,266	352,323	56,159			
Illinois .....	27,273,680	23,495,271	13,813,130	8,949,552	1,508,922	1,084,402	976,876	1,182,234	2,199,235	1,129,961	867,922	732,589	0	165,318	2,884,296	728,796			
Indiana .....	11,069,893	9,680,895	5,652,947	3,619,385	451,616	357,410	204,041	558,674	1,155,276	563,551	328,816	408,563	0	142,523	929,150	317,325			
Iowa .....	5,517,616	4,731,463	2,897,898	1,617,639	268,931	214,072	124,570	274,472	424,493	166,920	144,182	211,267	4,660	27,506	677,328	81,318			
Kansas .....	5,389,538	4,806,603	2,902,869	1,684,591	276,623	225,855	147,283	278,983	451,954	186,685	117,208	219,144	0	4,975	409,651	168,308			
Kentucky .....	6,839,799	5,886,890	3,486,673	2,042,628	260,815	310,156	125,985	330,122	547,636	335,246	132,668	344,230	13,359	86,735	714,321	151,852			
Louisiana .....	8,269,661	7,276,651	4,218,540	2,664,645	334,256	394,418	185,137	407,148	729,088	393,372	221,227	393,243	224	54,859	829,054	109,097			
Maine .....	2,579,168	2,350,447	1,414,747	851,795	147,738	112,710	93,647	126,609	240,565	109,552	20,972	83,850	55	27,881	156,303	44,537			
Maryland .....	12,753,441	11,591,965	7,147,477	3,979,493	529,879	596,948	78,538	802,912	1,078,237	570,850	322,129	304,976	160,019	25,038	988,894	147,544			
Massachusetts .....	15,076,052	13,937,097	9,072,483	4,499,978	956,365	656,560	179,899	563,110	1,262,220	551,549	330,275	364,636	0	65,704	793,699	279,552			
Michigan .....	19,897,270	17,217,584	9,843,731	6,810,105	1,306,870	820,143	352,864	993,486	1,787,713	742,718	806,311	563,748	0	339,221	1,469,393	871,072			
Minnesota .....	11,244,655	9,182,281	6,042,647	2,743,315	247,606	424,752	281,369	372,881	679,840	483,721	253,145	372,592	23,726	422,034	1,215,827	424,514			
Mississippi .....	4,402,170	3,967,232	2,327,535	1,398,665	186,883	182,341	117,437	229,664	414,227	180,014	88,097	240,748	285	28,517	333,562	72,858			
Missouri .....	10,466,632	8,827,224	5,304,123	3,127,460	414,203	406,271	279,832	502,570	876,773	443,929	203,883	395,641	0	195,440	1,129,253	314,714			
Montana .....	1,624,979	1,436,062	862,843	511,489	81,182	54,966	40,524	77,712	155,356	67,239	34,510	59,207	2,523	9,036	161,935	17,946			
Nebraska .....	3,579,827	3,053,575	1,982,560	863,350	112,011	87,034	90,352	152,571	272,526	84,034	64,822	123,337	84,328	3,242	449,965	73,045			
Nevada .....	4,550,664	3,606,035	2,142,723	1,345,410	173,167	188,597	58,654	259,658	383,827	153,352	128,154	117,902	0	22,291	633,569	288,769			
New Hampshire .....	2,655,947	2,490,623	1,600,157	822,153	173,945	78,609	83,924	134,348	220,207	105,787	25,333	68,313	0	7,225	112,508	45,591			
New Jersey .....	25,739,241	23,446,911	13,899,669	8,760,994	2,205,962	786,738	514,738	1,084,374	2,378,131	1,255,488	535,563	525,349	260,900	202,381	1,433,387	656,562			
New Mexico .....	3,912,992	3,186,252	1,837,760	1,215,387	324,958	95,441	69,963	196,954	320,854	112,072	95,145	131,500	1,605	4,229	722,373	138			
New York .....	54,766,076	48,635,363	33,644,194	13,968,400	1,629,616	1,361,331	916,311	2,014,531	4,218,196	2,568,077	1,260,339	1,022,769	0	2,103,039	2,908,659	1,119,015			
North Carolina .....	14,242,947	12,598,382	7,997,296	3,922,098	573,371	479,004	171,201	769,972	1,046,653	505,690	376,207	678,988	0	72,614	1,564,983	6,967			
North Dakota .....	1,046,126	928,528	541,896	308,827	38,023	28,752	41,600	46,839	90,196	40,263	23,155	49,773	28,031	9,129	95,376	13,093			

See notes at end of table.

**Table 209. Total expenditures for public elementary and secondary education, by function and state or jurisdiction: 2008–09—Continued**  
[In thousands of current dollars]

	Total expenditures															
		Current expenditures for elementary and secondary programs														
		Elementary/ secondary current expenditures, total	Instruction	Support services								Food services	Enterprise operations <sup>3</sup>	Other current expenditures <sup>1</sup>	Capital outlay <sup>2</sup>	Interest on school debt
				Total	Student support <sup>4</sup>	Instructional staff <sup>5</sup>	General administration	School administration	Operation and maintenance	Student transportation	Other support services					
State or jurisdiction	Total															
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Ohio .....	22,896,440	19,387,318	11,049,442	7,691,029	1,179,200	1,261,100	582,231	1,109,732	1,807,485	896,794	854,487	645,308	1,538	442,642	2,588,850	477,631
Oklahoma .....	5,622,898	5,082,062	2,908,376	1,828,735	342,773	184,305	148,430	276,346	579,842	158,208	138,832	298,388	46,563	12,794	472,558	55,484
Oregon .....	6,624,906	5,529,831	3,218,961	2,119,694	397,276	238,764	75,675	351,366	460,928	240,911	354,774	188,987	2,189	23,268	803,068	268,739
Pennsylvania .....	26,001,339	21,831,816	13,201,013	7,778,904	1,086,621	852,409	651,573	952,843	2,310,842	1,109,260	815,356	758,229	93,670	599,517	2,468,875	1,101,131
Rhode Island .....	2,259,628	2,139,317	1,280,778	806,377	266,637	69,384	55,355	105,391	182,792	84,232	42,586	52,081	81	57,046	25,523	37,742
South Carolina .....	8,378,028	6,626,763	3,826,821	2,441,544	487,739	437,172	79,535	395,185	617,719	216,135	208,058	339,378	19,020	74,810	1,317,674	358,781
South Dakota .....	1,273,677	1,080,054	626,773	391,593	61,302	44,605	37,864	53,784	116,036	37,844	40,158	56,746	4,943	3,630	167,299	22,694
Tennessee .....	8,645,040	7,768,063	4,874,878	2,508,101	321,372	452,226	151,729	446,506	706,404	281,361	148,503	385,084	0	65,622	636,113	175,242
Texas .....	52,980,125	40,688,181	24,415,370	14,155,735	1,971,160	2,120,068	596,482	2,254,343	4,593,772	1,106,854	1,513,056	2,117,077	0	303,178	9,293,157	2,695,608
Utah .....	4,754,524	3,638,775	2,352,270	1,078,296	138,666	157,909	45,066	216,969	324,720	112,747	82,219	190,117	18,092	104,773	891,455	119,521
Vermont .....	1,501,278	1,413,329	881,772	492,311	103,821	56,216	33,092	95,999	121,630	47,342	34,212	38,520	725	10,119	64,522	13,308
Virginia .....	15,155,776	13,505,290	8,194,326	4,813,707	655,441	906,450	214,391	799,234	1,324,723	691,335	222,133	495,745	1,512	77,601	1,418,910	153,975
Washington .....	12,227,154	9,940,325	5,982,198	3,512,282	660,150	443,977	185,121	579,763	882,009	391,809	369,453	324,730	121,116	57,389	1,811,236	418,204
West Virginia .....	3,135,617	2,998,657	1,787,149	1,042,948	110,677	120,608	72,220	158,246	317,746	214,137	49,313	168,560	0	41,145	83,357	12,458
Wisconsin .....	11,135,130	9,696,228	5,935,538	3,422,525	448,911	470,984	249,525	485,249	886,891	356,477	524,487	338,068	97	301,023	631,446	506,432
Wyoming .....	1,650,665	1,268,407	745,889	482,637	73,057	83,660	24,524	68,670	125,061	58,484	49,182	39,156	725	7,289	372,510	2,460
Other jurisdictions																
American Samoa .....	71,468	65,436	32,737	17,540	1,799	3,372	928	6,093	2,631	1,225	1,493	15,158	0	1,980	4,052	0
Guam .....	265,065	235,711	135,903	87,369	26,318	6,113	3,613	13,663	33,190	1,011	3,462	12,438	0	0	22,800	6,555
Northern Mariana Islands .....	65,766	62,787	28,625	28,094	7,857	5,138	1,354	4,912	5,161	1,264	2,408	488	5,580	1,576	1,403	0
Puerto Rico .....	4,026,886	3,502,757	1,738,493	1,417,946	227,299	168,157	125,230	185,627	421,380	100,516	189,737	346,319	0	101,921	417,112	5,096
U.S. Virgin Islands .....	207,633	201,326	116,671	76,159	11,687	4,560	7,266	9,144	9,290	14,182	20,031	8,496	0	1,677	4,630	0

<sup>1</sup>Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

<sup>2</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

<sup>3</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Also includes small amounts for direct program support made by state education agencies for local school districts.

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

NOTE: Excludes expenditures for state education agencies. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 2008–09. (This table was prepared November 2012.)





**Table 210. Total expenditures for public elementary and secondary education, by function and subfunction: Selected years, 1990–91 through 2009–10—Continued**

Function and subfunction	Expenditures (in thousands of current dollars)								Percentage distribution of current expenditures for public schools							
	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>1</sup>	2009–10	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>1</sup>	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Student transportation .....	8,678,954	10,396,426	13,007,625	14,052,654	18,850,234	21,536,978	21,679,876	21,841,557	4.30	4.08	4.02	4.03	4.20	4.25	4.18	4.16
Salaries .....	3,285,127	3,933,969	5,061,209	5,406,092	6,701,455	7,507,100	7,591,289	7,632,931	1.63	1.54	1.56	1.55	1.49	1.48	1.46	1.45
Employee benefits .....	892,985	1,207,961	1,464,249	1,592,127	2,535,296	2,867,686	2,933,989	3,048,617	0.44	0.47	0.45	0.46	0.56	0.57	0.57	0.58
Purchased services .....	3,345,232	4,257,805	5,331,435	5,767,462	7,547,730	8,556,631	9,001,837	9,002,419	1.66	1.67	1.65	1.66	1.68	1.69	1.73	1.71
Supplies .....	961,447	836,450	1,034,323	1,159,350	1,867,495	2,427,117	1,983,454	1,967,693	0.48	0.33	0.32	0.33	0.42	0.48	0.38	0.37
Other .....	194,163	160,239	116,410	127,623	198,259	178,444	169,307	189,896	0.10	0.06	0.04	0.04	0.04	0.04	0.03	0.04
Other support services <sup>5</sup> .....	5,587,837	7,039,408	10,188,917	11,439,134	14,463,815	16,310,815	17,187,109	17,201,154	2.77	2.76	3.15	3.28	3.22	3.22	3.31	3.27
Salaries .....	2,900,394	3,450,836	4,930,099	5,521,381	6,577,129	7,517,159	8,091,102	8,153,103	1.44	1.35	1.52	1.58	1.46	1.48	1.56	1.55
Employee benefits .....	980,859	1,182,229	1,433,054	1,594,540	2,483,366	2,982,979	3,148,252	3,134,760	0.49	0.46	0.44	0.46	0.55	0.59	0.61	0.60
Purchased services .....	798,922	1,362,961	2,462,775	2,783,176	3,455,292	3,778,311	3,928,346	3,913,478	0.40	0.53	0.76	0.80	0.77	0.75	0.76	0.74
Supplies .....	294,527	398,534	573,670	626,889	793,997	988,542	884,381	851,956	0.15	0.16	0.18	0.18	0.18	0.20	0.17	0.16
Other .....	613,135	644,849	789,319	913,148	1,154,031	1,043,824	1,135,027	1,147,857	0.30	0.25	0.24	0.26	0.26	0.21	0.22	0.22
Food services .....	8,430,490	10,648,844	12,948,807	13,816,635	17,263,582	19,190,249	19,794,945	19,986,503	4.17	4.17	4.00	3.97	3.84	3.79	3.81	3.80
Salaries .....	—	3,844,285	4,606,262	4,966,092	5,841,522	6,332,680	6,505,821	6,484,927	†	1.51	1.42	1.43	1.30	1.25	1.25	1.23
Employee benefits .....	—	1,103,433	1,267,921	1,381,923	2,061,344	2,264,203	2,343,119	2,411,864	†	0.43	0.39	0.40	0.46	0.45	0.45	0.46
Purchased services .....	—	627,902	897,762	923,091	1,464,511	1,699,764	1,815,966	1,926,805	†	0.25	0.28	0.26	0.33	0.34	0.35	0.37
Supplies .....	—	4,916,299	6,041,001	6,420,201	7,727,182	8,727,170	8,908,841	8,929,335	†	1.93	1.87	1.84	1.72	1.72	1.72	1.70
Other .....	—	156,924	135,861	125,327	169,023	166,431	221,198	233,573	†	0.06	0.04	0.04	0.04	0.03	0.04	0.04
Enterprise operations <sup>6</sup> .....	946,705	777,937	818,172	776,463	1,022,549	1,184,293	1,263,238	1,257,180	0.47	0.30	0.25	0.22	0.23	0.23	0.24	0.24
Salaries .....	—	179,360	172,977	124,913	213,999	304,233	341,007	337,140	†	0.07	0.05	0.04	0.05	0.06	0.07	0.06
Employee benefits .....	—	44,545	35,276	23,837	76,042	81,496	91,807	91,133	†	0.02	0.01	0.01	0.02	0.02	0.02	0.02
Purchased services .....	—	183,288	181,666	189,230	228,823	242,643	256,186	257,570	†	0.07	0.06	0.05	0.05	0.05	0.05	0.05
Supplies .....	—	269,046	286,309	242,052	304,129	345,854	365,775	361,651	†	0.11	0.09	0.07	0.07	0.07	0.07	0.07
Other .....	—	101,697	141,943	196,430	199,556	210,068	208,463	209,686	†	0.04	0.04	0.06	0.04	0.04	0.04	0.04
Other current expenditures .....	3,295,717	4,724,659	5,457,015	6,063,700	7,415,575	8,307,720	8,463,793	8,407,708	†	†	†	†	†	†	†	†
Community services .....	964,370	1,728,669	2,151,043	2,426,189	3,015,207	3,289,736	3,364,620	3,400,571	†	†	†	†	†	†	†	†
Private school programs .....	527,609	781,148	961,203	1,026,695	1,389,204	1,564,201	1,541,922	1,496,951	†	†	†	†	†	†	†	†
Adult education .....	1,365,523	1,500,438	1,715,332	1,838,265	2,001,459	2,148,351	2,187,628	2,060,415	†	†	†	†	†	†	†	†
Community colleges .....	5,356	7,746	265	351	0	32,694	33,303	33,274	†	†	†	†	†	†	†	†
Other .....	432,858	706,657	629,172	772,200	1,009,704	1,272,738	1,336,321	1,416,496	†	†	†	†	†	†	†	†
Capital outlay <sup>7</sup> .....	19,771,478	27,555,667	43,357,186	46,220,704	57,375,299	66,426,299	65,890,367	55,650,868	†	†	†	†	†	†	†	†
Public schools .....	19,655,496	27,457,489	43,231,206	46,078,494	57,281,425	66,331,738	65,799,088	55,555,619	†	†	†	†	†	†	†	†
Other current expenditures .....	115,982	98,179	125,980	142,210	93,874	94,561	91,279	95,249	†	†	†	†	†	†	†	†
Interest on school debt .....	4,324,768	6,259,480	9,135,445	10,165,940	14,346,556	15,695,488	17,049,004	17,679,138	†	†	†	†	†	†	†	†

—Not available.

†Not applicable.

<sup>1</sup>Data have been revised from previously published figures.

<sup>2</sup>Includes estimated data for subfunctions of food services and enterprise operations.

<sup>3</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>4</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

<sup>5</sup>Includes business support services concerned with paying, transporting, exchanging, and maintaining goods and services for local education agencies; central support services, including planning, research, evaluation, information, staff, and data processing services; and other support services.

<sup>6</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time). Includes very small amounts for direct program support made by state education agencies for local school districts.

<sup>7</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 1990–91 through 2009–10. (This table was prepared January 2013.)



**Table 212. Public elementary and secondary revenues and expenditures, by type of locale: 2009–10**

Selected characteristic	Total	City, large <sup>1</sup>	City, midsize <sup>2</sup>	City, small <sup>3</sup>	Suburban, large <sup>4</sup>	Suburban, midsize <sup>5</sup>	Suburban, small <sup>6</sup>	Town, fringe <sup>7</sup>	Town, distant <sup>8</sup>	Town, remote <sup>9</sup>	Rural, fringe <sup>10</sup>	Rural, distant <sup>11</sup>	Rural, remote <sup>12</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Revenues, 2009–10</b>													
Total revenue (in millions of dollars).....	\$610,943	\$107,879	\$40,502	\$46,032	\$203,374	\$18,372	\$10,717	\$9,930	\$34,664	\$21,858	\$64,658	\$38,056	\$14,896
Federal.....	75,266	16,456	5,971	6,177	19,485	2,027	1,171	1,022	4,617	3,530	7,535	4,845	2,426
Title I.....	16,941	5,011	1,481	1,417	3,713	361	231	196	1,007	753	1,281	976	513
Child Nutrition Act.....	12,009	2,563	983	987	3,029	321	193	167	802	526	1,254	851	333
Children with disabilities (IDEA) ..	14,291	2,384	1,027	1,291	4,695	500	287	201	863	547	1,497	732	267
Impact aid.....	1,256	90	81	51	186	19	10	28	42	164	167	124	295
Bilingual education.....	364	97	32	40	99	8	5	6	16	9	22	17	12
Indian education.....	100	12	3	5	6	1	1	2	7	14	12	10	26
Math, science, and professional development.....	1,662	384	161	141	374	48	29	23	109	92	135	105	61
Safe and drug-free schools.....	251	60	20	22	59	4	6	5	19	15	19	14	10
Vocational and technical education.....	632	139	49	52	162	14	10	5	39	36	74	37	16
Other and unclassified.....	27,761	5,716	2,134	2,173	7,162	750	400	391	1,713	1,374	3,075	1,980	892
State (in millions of dollars).....	258,865	44,928	18,096	20,760	75,649	8,053	4,861	4,619	16,760	10,283	28,613	19,316	6,926
Special education programs.....	16,754	3,495	1,125	1,327	6,011	520	283	266	815	509	1,346	776	283
Compensatory and basic skills ...	4,654	867	382	466	1,600	172	88	69	230	118	330	235	95
Bilingual education.....	608	38	24	35	395	34	3	3	18	8	38	8	4
Gifted and talented.....	431	18	28	12	277	20	2	1	13	6	37	14	3
Vocational education.....	786	41	41	59	227	25	10	8	60	53	153	78	29
Other.....	235,633	40,469	16,495	18,861	67,139	7,282	4,475	4,272	15,625	9,588	26,709	18,206	6,513
Local (in millions of dollars) <sup>13</sup> .....	276,812	46,495	16,435	19,095	108,239	8,291	4,685	4,288	13,287	8,045	28,510	13,895	5,543
Property tax <sup>14</sup> .....	169,186	21,840	9,494	11,617	71,802	4,533	3,095	2,896	8,717	5,583	17,099	8,750	3,759
Parent government contribution <sup>14</sup> .....	48,162	15,539	3,007	2,476	17,123	1,988	528	402	801	240	4,286	1,481	292
Private (fees from individuals).....	13,787	1,192	720	914	5,283	430	256	269	850	522	1,948	1,028	375
Other <sup>15</sup> .....	45,678	7,925	3,215	4,088	14,031	1,340	807	722	2,919	1,700	5,178	2,636	1,118
Total revenue (percentage distribution) .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal.....	12.3	15.3	14.7	13.4	9.6	11.0	10.9	10.3	13.3	16.2	11.7	12.7	16.3
State.....	42.4	41.6	44.7	45.1	37.2	43.8	45.4	46.5	48.4	47.0	44.3	50.8	46.5
Local.....	45.3	43.1	40.6	41.5	53.2	45.1	43.7	43.2	38.3	36.8	44.1	36.5	37.2
<b>Expenditures, 2009–10</b>													
Total expenditures													
(in millions of dollars).....	\$622,954	\$112,783	\$41,259	\$46,806	\$206,018	\$18,687	\$11,011	\$10,034	\$35,001	\$22,484	\$65,561	\$38,233	\$15,050
Current expenditures for schools.....	517,627	90,971	34,476	39,015	173,283	15,433	9,164	8,364	29,518	18,687	53,964	32,194	12,556
Instruction.....	316,167	56,623	20,681	23,739	106,281	9,402	5,554	5,126	17,953	11,349	32,611	19,409	7,438
Support services, students.....	28,808	4,425	2,051	2,361	10,456	877	527	465	1,540	1,041	3,050	1,495	519
Support services, instructional staff.....	24,940	4,607	1,946	2,110	8,217	756	431	350	1,370	829	2,501	1,340	483
Administration.....	38,490	5,963	2,554	2,782	12,616	1,146	694	649	2,341	1,558	4,189	2,796	1,202
Operation and maintenance.....	49,502	8,842	3,224	3,641	16,699	1,494	881	775	2,782	1,799	5,067	3,016	1,284
Transportation.....	22,257	3,467	1,279	1,395	7,682	626	399	396	1,276	707	2,605	1,771	654
Food service.....	19,546	3,282	1,352	1,490	5,633	580	347	320	1,310	845	2,289	1,505	593
Other.....	17,917	3,762	1,390	1,497	5,700	554	330	284	946	558	1,652	863	383
Other current expenditures.....	20,805	3,392	1,396	1,571	6,138	661	370	332	1,350	878	2,485	1,568	639
Interest on school debt.....	17,720	3,557	1,104	1,164	6,082	496	331	321	852	462	2,249	886	215
Capital outlay.....	59,843	12,348	3,850	4,441	17,348	1,932	1,048	1,005	3,343	2,544	6,640	3,760	1,584
Current expenditures (percentage distribution).....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Instruction.....	61.1	62.2	60.0	60.8	61.3	60.9	60.6	61.3	60.8	60.7	60.4	60.3	59.2
Support services.....	10.4	9.9	11.6	11.5	10.8	10.6	10.5	9.7	9.9	10.0	10.3	8.8	8.0
Administration.....	7.4	6.6	7.4	7.1	7.3	7.4	7.6	7.8	7.9	8.3	7.8	8.7	9.6
Operation and maintenance.....	9.6	9.7	9.4	9.3	9.6	9.7	9.6	9.3	9.4	9.6	9.4	9.4	10.2
Transportation.....	4.3	3.8	3.7	3.6	4.4	4.1	4.4	4.7	4.3	3.8	4.8	5.5	5.2
Food service and other.....	7.2	7.7	8.0	7.7	6.5	7.3	7.4	7.2	7.6	7.5	7.3	7.4	7.8
Current expenditure per student (in dollars).....	\$10,519	\$11,537	\$10,114	\$10,439	\$10,876	\$10,073	\$9,854	\$9,921	\$9,797	\$9,715	\$9,579	\$9,889	\$11,271
Instruction expenditure per student (in dollars).....	6,425	7,181	6,067	6,351	6,670	6,136	5,973	6,081	5,958	5,900	5,789	5,962	6,678

<sup>1</sup>Located inside an urbanized area and inside a principal city with a population of at least 250,000.

<sup>2</sup>Located inside an urbanized area and inside a principal city with a population of at least 100,000, but less than 250,000.

<sup>3</sup>Located inside an urbanized area and inside a principal city with a population less than 100,000.

<sup>4</sup>Located inside an urbanized area and outside a principal city with a population of 250,000 or more.

<sup>5</sup>Located inside an urbanized area and outside a principal city with a population of at least 100,000, but less than 250,000.

<sup>6</sup>Located inside an urbanized area and outside a principal city with a population less than 100,000.

<sup>7</sup>Located inside an urban cluster that is 10 miles or less from an urbanized area.

<sup>8</sup>Located inside an urban cluster that is more than 10 but less than or equal to 35 miles from an urbanized area.

<sup>9</sup>Located inside an urban cluster that is more than 35 miles from an urbanized area.

<sup>10</sup>Located outside any urbanized area or urban cluster, but 5 miles or less from an urbanized area or 2.5 miles or less from an urban cluster.

<sup>11</sup>Located outside any urbanized area or urban cluster and more than 5 miles but less than or equal to 25 miles from an urbanized area, or more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

<sup>12</sup>Located outside any urbanized area or urban cluster, more than 25 miles from an urbanized area, and more than 10 miles from an urban cluster.

<sup>13</sup>Includes tuition and fee revenues from other in-state school systems, which are excluded from state data reported through the "National Public Education Financial Survey."

<sup>14</sup>Property tax and parent government contributions are determined on the basis of independence or dependence of the local school system and are mutually exclusive.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, "School District Finance Survey (Form F-33)," 2009–10. (This table was prepared January 2013.)

**Table 213. Total and current expenditures per pupil in public elementary and secondary schools: Selected years, 1919–20 through 2009–10**

School year	Expenditure per pupil in average daily attendance				Expenditure per pupil in fall enrollment <sup>1</sup>				
	Unadjusted dollars		Constant 2011–12 dollars <sup>2</sup>		Unadjusted dollars		Constant 2011–12 dollars <sup>2</sup>		
	Total expenditure <sup>3</sup>	Current expenditure	Total expenditure <sup>3</sup>	Current expenditure	Total expenditure <sup>3</sup>	Current expenditure	Total expenditure <sup>3</sup>	Current expenditure	Annual percent change in current expenditure
1	2	3	4	5	6	7	8	9	10
1919–20.....	\$64	\$53	\$764	\$637	\$48	\$40	\$572	\$477	—
1929–30.....	108	87	1,442	1,153	90	72	1,194	954	—
1931–32.....	97	81	1,529	1,280	82	69	1,295	1,084	—
1933–34.....	76	67	1,310	1,160	65	57	1,113	985	—
1935–36.....	88	74	1,456	1,230	74	63	1,232	1,041	—
1937–38.....	100	84	1,584	1,332	86	72	1,360	1,144	—
1939–40.....	106	88	1,722	1,435	92	76	1,492	1,243	—
1941–42.....	110	98	1,606	1,435	94	84	1,375	1,229	—
1943–44.....	125	117	1,628	1,528	105	99	1,372	1,287	—
1945–46.....	146	136	1,820	1,702	124	116	1,550	1,450	—
1947–48.....	205	181	2,001	1,772	179	158	1,747	1,548	—
1949–50.....	260	210	2,502	2,021	231	187	2,220	1,794	—
1951–52.....	314	246	2,723	2,130	275	215	2,384	1,865	—
1953–54.....	351	265	2,970	2,241	312	236	2,641	1,993	—
1955–56.....	387	294	3,276	2,491	354	269	2,995	2,277	—
1957–58.....	447	341	3,565	2,718	408	311	3,252	2,479	—
1959–60.....	471	375	3,648	2,905	440	350	3,408	2,714	—
1961–62.....	517	419	3,915	3,172	485	393	3,674	2,977	—
1963–64.....	559	460	4,122	3,396	520	428	3,837	3,161	—
1965–66.....	654	538	4,663	3,835	607	499	4,329	3,560	—
1967–68.....	786	658	5,263	4,405	732	612	4,895	4,098	—
1969–70.....	955	816	5,753	4,916	879	751	5,296	4,525	—
1970–71.....	1,049	911	6,012	5,219	970	842	5,558	4,825	6.6
1971–72.....	1,128	990	6,237	5,473	1,034	908	5,720	5,020	4.0
1972–73.....	1,211	1,077	6,435	5,725	1,117	993	5,936	5,281	5.2
1973–74.....	1,364	1,207	6,657	5,892	1,244	1,101	6,070	5,373	1.7
1974–75.....	1,545	1,365	6,787	5,995	1,423	1,257	6,253	5,523	2.8
1975–76.....	1,697	1,504	6,965	6,170	1,563	1,385	6,413	5,681	2.9
1976–77.....	1,816	1,638	7,042	6,349	1,674	1,509	6,489	5,851	3.0
1977–78.....	2,002	1,823	7,275	6,623	1,842	1,677	6,691	6,091	4.1
1978–79.....	2,210	2,020	7,342	6,712	2,029	1,855	6,742	6,164	1.2
1979–80.....	2,491	2,272	7,301	6,659	2,290	2,088	6,712	6,122	-0.7
1980–81.....	2,742 <sup>4</sup>	2,502	7,204 <sup>4</sup>	6,572	2,529 <sup>4</sup>	2,307	6,645 <sup>4</sup>	6,062	-1.0
1981–82.....	2,973 <sup>4</sup>	2,726	7,190 <sup>4</sup>	6,591	2,754 <sup>4</sup>	2,525	6,660 <sup>4</sup>	6,106	0.7
1982–83.....	3,203 <sup>4</sup>	2,955	7,427 <sup>4</sup>	6,852	2,966 <sup>4</sup>	2,736	6,877 <sup>4</sup>	6,344	3.9
1983–84.....	3,471 <sup>4</sup>	3,173	7,761 <sup>4</sup>	7,095	3,216 <sup>4</sup>	2,940	7,190 <sup>4</sup>	6,573	3.6
1984–85.....	3,722 <sup>4</sup>	3,470	8,008 <sup>4</sup>	7,467	3,456 <sup>4</sup>	3,222	7,435 <sup>4</sup>	6,933	5.5
1985–86.....	4,020 <sup>4</sup>	3,756	8,407 <sup>4</sup>	7,854	3,724 <sup>4</sup>	3,479	7,788 <sup>4</sup>	7,276	5.0
1986–87.....	4,308 <sup>4</sup>	3,970	8,813 <sup>4</sup>	8,123	3,995 <sup>4</sup>	3,682	8,173 <sup>4</sup>	7,532	3.5
1987–88.....	4,654 <sup>4</sup>	4,240	9,143 <sup>4</sup>	8,329	4,310 <sup>4</sup>	3,927	8,467 <sup>4</sup>	7,714	2.4
1988–89.....	5,108	4,645	9,591	8,721	4,737	4,307	8,894	8,088	4.8
1989–90.....	5,547	4,980	9,941	8,925	5,172	4,643	9,269	8,321	2.9
1990–91.....	5,882	5,258	9,995	8,935	5,484	4,902	9,318	8,330	0.1
1991–92.....	6,072	5,421	9,998	8,926	5,626	5,023	9,264	8,271	-0.7
1992–93.....	6,279	5,584	10,026	8,915	5,802	5,160	9,264	8,238	-0.4
1993–94.....	6,489	5,767	10,099	8,976	5,994	5,327	9,328	8,291	0.6
1994–95.....	6,723	5,989	10,172	9,061	6,206	5,529	9,390	8,365	0.9
1995–96.....	6,959	6,147	10,250	9,054	6,441	5,689	9,487	8,380	0.2
1996–97.....	7,297	6,393	10,450	9,155	6,761	5,923	9,683	8,483	1.2
1997–98.....	7,701	6,676	10,834	9,392	7,139	6,189	10,045	8,708	2.7
1998–99.....	8,115	7,013	11,224	9,699	7,531	6,508	10,415	9,001	3.4
1999–2000.....	8,589	7,394	11,545	9,939	8,030	6,912	10,794	9,292	3.2
2000–01.....	9,180	7,904	11,931	10,272	8,572	7,380	11,140	9,592	3.2
2001–02.....	9,611	8,259	12,274	10,547	8,993	7,727	11,485	9,868	2.9
2002–03.....	9,950	8,610	12,434	10,759	9,296	8,044	11,617	10,052	1.9
2003–04.....	10,308	8,900	12,605	10,883	9,625	8,310	11,770	10,163	1.1
2004–05.....	10,779	9,316	12,796	11,059	10,078	8,711	11,964	10,341	1.8
2005–06.....	11,338	9,778	12,966	11,182	10,603	9,145	12,126	10,458	1.1
2006–07.....	12,015	10,336	13,394	11,522	11,252	9,679	12,543	10,790	3.2
2007–08.....	12,759	10,982	13,715	11,805	11,965	10,298	12,861	11,070	2.6
2008–09 <sup>5</sup> .....	13,033	11,239	13,816	11,914	12,222	10,540	12,957	11,173	0.9
2009–10.....	13,041	11,445	13,692	12,017	12,136	10,652	12,743	11,184	0.1

—Not available.

<sup>1</sup>Data for 1919–20 to 1953–54 are based on school-year enrollment.

<sup>2</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>3</sup>Excludes "Other current expenditures," such as community services, private school programs, adult education, and other programs not allocable to expenditures per student at public schools.

<sup>4</sup>Estimated.

<sup>5</sup>Revised from previously published figures.

NOTE: Beginning in 1980–81, state administration expenditures are excluded from both "total" and "current" expenditures. Current expenditures include instruction, support services,

food services, and enterprise operations. Total expenditures include current expenditures, capital outlay, and interest on debt. Beginning in 1988–89, extensive changes were made in the data collection procedures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*, 1919–20 through 1955–56; *Statistics of State School Systems*, 1957–58 through 1969–70; *Revenues and Expenditures for Public Elementary and Secondary Education*, 1970–71 through 1986–87; and Common Core of Data (CCD), "National Public Education Financial Survey," 1987–88 through 2009–10. (This table was prepared January 2013.)

**Table 214. Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and subfunction: Selected years, 1990–91 through 2009–10**

Function and subfunction	Expenditures per pupil in current dollars								Expenditures per pupil in constant 2011–12 dollars <sup>1</sup>							
	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>2</sup>	2009–10	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>2</sup>	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total expenditures .....</b>	<b>\$5,484</b>	<b>\$6,441</b>	<b>\$8,030</b>	<b>\$8,572</b>	<b>\$10,603</b>	<b>\$11,965</b>	<b>\$12,222</b>	<b>\$12,136</b>	<b>\$9,318</b>	<b>\$9,487</b>	<b>\$10,794</b>	<b>\$11,140</b>	<b>\$12,126</b>	<b>\$12,861</b>	<b>\$12,957</b>	<b>\$12,743</b>
Current expenditures for public schools...	4,902	5,689	6,912	7,380	9,145	10,298	10,540	10,652	8,330	8,380	9,292	9,592	10,458	11,070	11,173	11,184
Salaries.....	3,220 <sup>3</sup>	3,698	4,485	4,752	5,561	6,177	6,348	6,365	5,472 <sup>3</sup>	5,446	6,029	6,176	6,360	6,640	6,730	6,683
Employee benefits .....	824 <sup>3</sup>	999	1,138	1,228	1,790	2,093	2,146	2,215	1,400 <sup>3</sup>	1,471	1,530	1,596	2,046	2,250	2,275	2,326
Purchased services .....	397 <sup>3</sup>	481	620	673	880	1,000	1,030	1,052	675 <sup>3</sup>	709	833	875	1,006	1,075	1,092	1,105
Tuition.....	29 <sup>3</sup>	35	48	52	78	93	91	96	49 <sup>3</sup>	52	64	68	89	100	97	101
Supplies.....	359 <sup>3</sup>	418	553	599	746	840	825	818	610 <sup>3</sup>	616	743	778	853	903	875	859
Other.....	72 <sup>3</sup>	58	69	76	90	96	99	105	123 <sup>3</sup>	85	92	99	103	103	105	110
Instruction .....	2,965	3,512	4,268	4,541	5,574	6,262	6,420	6,526	5,039	5,173	5,737	5,901	6,374	6,732	6,806	6,852
Salaries .....	2,202	2,555	3,096	3,273	3,806	4,199	4,325	4,347	3,741	3,764	4,162	4,254	4,352	4,514	4,585	4,564
Employee benefits.....	542	676	773	837	1,202	1,407	1,443	1,495	921	995	1,038	1,088	1,375	1,513	1,529	1,569
Purchased services.....	66	85	125	136	205	249	260	280	112	126	168	177	235	267	275	294
Tuition.....	29	35	48	52	78	93	91	96	49	52	64	68	89	100	97	101
Supplies .....	111	145	208	220	259	287	273	279	189	214	280	286	296	309	289	293
Textbooks .....	—	—	—	—	52	55	60	52	—	—	—	—	59	59	63	54
Other.....	15	15	19	22	24	27	28	29	26	22	25	28	27	29	30	31
Student support <sup>4</sup> .....	217	274	342	366	475	559	580	592	368	403	460	476	543	600	614	622
Salaries .....	159	198	245	262	322	372	388	393	271	292	330	340	369	400	411	413
Employee benefits.....	40	51	61	64	99	120	125	130	68	76	82	84	113	129	132	136
Purchased services.....	11	15	25	28	40	48	49	51	19	23	34	37	46	52	52	53
Supplies .....	5	6	8	9	10	11	11	11	8	8	11	12	12	12	11	12
Other.....	1	3	3	3	4	7	7	7	2	5	4	4	4	7	7	8
Instructional staff services <sup>5</sup> .....	205	225	312	337	446	515	508	510	349	331	420	439	510	554	539	536
Salaries .....	135	143	191	207	265	309	304	301	229	211	257	270	303	332	322	316
Employee benefits.....	34	38	46	50	79	95	96	99	58	56	62	65	91	102	102	104
Purchased services.....	15	21	38	42	60	67	66	69	26	30	51	55	69	72	70	72
Supplies .....	19	20	32	33	38	40	37	37	32	30	43	43	43	43	40	39
Other.....	2	2	5	4	4	4	4	5	4	3	7	6	5	5	5	5
General administration.....	141	131	143	151	182	200	207	211	239	193	192	196	208	215	220	222
Salaries .....	63	65	68	71	79	87	90	90	107	95	91	92	90	94	95	95
Employee benefits.....	19	18	20	21	30	34	35	37	32	27	27	28	34	37	38	38
Purchased services.....	36	36	41	44	56	60	64	64	61	53	56	58	64	65	68	67
Supplies .....	4	4	4	4	5	5	5	5	7	6	6	6	5	5	5	5
Other.....	18	8	9	10	13	14	13	16	31	11	13	12	14	15	14	17
School administration.....	284	331	392	415	515	576	581	579	482	487	527	539	589	619	616	608
Salaries .....	217	249	297	314	370	410	417	412	368	366	399	408	423	441	442	433
Employee benefits.....	55	66	74	78	114	133	134	137	93	97	99	102	131	143	142	144
Purchased services.....	6	9	12	13	18	20	19	19	10	13	16	17	20	21	20	20
Supplies .....	5	6	7	8	10	10	9	9	8	8	10	10	11	11	9	9
Other.....	2	2	2	2	3	3	2	3	3	2	3	3	3	3	3	3
Operation and maintenance.....	517	574	666	721	902	1,003	1,027	1,012	878	845	895	937	1,032	1,078	1,089	1,063
Salaries .....	215	233	272	285	326	359	367	364	365	343	366	371	373	386	389	382
Employee benefits.....	64	70	75	80	119	136	140	143	109	103	101	104	136	146	148	150
Purchased services.....	139	172	189	204	243	265	267	264	236	253	254	265	277	285	283	278
Supplies .....	91	94	124	146	207	234	245	232	155	138	166	189	236	251	259	244
Other.....	8	5	5	6	8	9	9	9	13	7	7	8	9	10	9	10
Student transportation .....	211	232	278	298	384	438	440	443	358	342	373	387	439	470	467	465
Salaries .....	80	88	108	115	136	153	154	155	135	129	145	149	156	164	163	162
Employee benefits.....	22	27	31	34	52	58	60	62	37	40	42	44	59	63	63	65
Purchased services.....	81	95	114	122	154	174	183	182	138	140	153	159	176	187	194	192
Supplies .....	23	19	22	25	38	49	40	40	40	27	30	32	43	53	43	42
Other.....	5	4	2	3	4	4	3	4	8	5	3	4	5	4	4	4

See notes at end of table.

**Table 214. Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and subfunction: Selected years, 1990–91 through 2009–10—Continued**

Function and subfunction	Expenditures per pupil in current dollars								Expenditures per pupil in constant 2011–12 dollars <sup>1</sup>							
	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>2</sup>	2009–10	1990–91	1995–96	1999–2000	2000–01	2005–06	2007–08	2008–09 <sup>2</sup>	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Other support services <sup>6</sup> .....	136	157	217	242	294	331	349	349	230	231	292	315	337	356	370	366
Salaries .....	70	77	105	117	134	153	164	165	120	113	141	152	153	164	174	174
Employee benefits .....	24	26	31	34	51	61	64	64	40	39	41	44	58	65	68	67
Purchased services .....	19	30	53	59	70	77	80	79	33	45	71	77	80	83	85	83
Supplies .....	7	9	12	13	16	20	18	17	12	13	16	17	18	22	19	18
Other .....	15	14	17	19	23	21	23	23	25	21	23	25	27	23	24	24
Food services .....	205	237	276	293	352	390	402	405	348	350	371	380	402	419	426	425
Salaries .....	—	86	98	105	119	129	132	131	—	126	132	137	136	138	140	138
Employee benefits .....	—	25	27	29	42	46	48	49	—	36	36	38	48	49	50	51
Purchased services .....	—	14	19	20	30	35	37	39	—	21	26	25	34	37	39	41
Supplies .....	—	110	129	136	157	177	181	181	—	161	173	177	180	191	192	190
Other .....	—	3	3	3	3	3	4	5	—	5	4	3	4	4	5	5
Enterprise operations <sup>7</sup> .....	23	17	17	16	21	24	26	25	39	26	23	21	24	26	27	27
Salaries .....	—	4	4	3	4	6	7	7	—	6	5	3	5	7	7	7
Employee benefits .....	—	1	1	1	2	2	2	2	—	1	1	1	2	2	2	2
Purchased services .....	—	4	4	4	5	5	5	5	—	6	5	5	5	5	6	5
Supplies .....	—	6	6	5	6	7	7	7	—	9	8	7	7	8	8	8
Other .....	—	2	3	4	4	4	4	4	—	3	4	5	5	5	4	4
Capital outlay <sup>8</sup> .....	477	612	923	976	1,166	1,348	1,336	1,126	810	902	1,240	1,269	1,334	1,449	1,417	1,182
Interest on school debt .....	105	140	195	215	292	319	346	358	178	206	262	280	334	343	367	376

—Not available.

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Data have been revised from previously published figures.

<sup>3</sup>Includes estimated data for subfunctions of food services and enterprise operations.

<sup>4</sup>Includes expenditures for guidance, health, attendance, and speech pathology services.

<sup>5</sup>Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

<sup>6</sup>Includes business support services concerned with paying, transporting, exchanging, and maintaining goods and services for local education agencies; central support services, including planning, research, evaluation, information, staff, and data processing services; and other support services.

<sup>7</sup>Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

<sup>8</sup>Includes expenditures for property and for buildings and alterations completed by school district staff or contractors.

NOTE: Excludes expenditures for state education agencies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "National Public Education Financial Survey," 1990–91 through 2009–10. (This table was prepared January 2013.)

















## CHAPTER 3

# Postsecondary Education

Postsecondary education includes academic, career and technical, and continuing professional education programs after high school. American colleges and universities and career/technical institutions offer a diverse array of postsecondary educational experiences. For example, a community college normally offers the first 2 years of a standard college curriculum as well as a selection of terminal career and technical education programs. A university typically offers a full undergraduate course of study leading to a bachelor's degree, as well as programs leading to advanced degrees. A specialized career/technical institution offers training programs of varying lengths that are designed to prepare students for specific careers.

This chapter provides an overview of the latest statistics on postsecondary education, including data on various types of postsecondary institutions and programs. However, to maintain comparability over time, most of the data in the *Digest* are for degree-granting institutions, which are defined as postsecondary institutions that grant an associate's or higher degree and whose students are eligible to participate in the Title IV federal financial aid programs.<sup>1</sup> Degree-granting institutions include almost all 2- and 4-year colleges and universities; they exclude institutions offering only career and technical programs of less than 2 years' duration and continuing education programs. The degree-granting institution classification currently used by the National Center for Education Statistics (NCES) includes approximately the same set of institutions as the higher education institution classification that was used by NCES prior to 1996–97.<sup>2</sup> This chapter highlights historical data that enable the reader to observe long-range trends in college education in America.

Other chapters provide related information on postsecondary education. Data on price indexes and on the number of

degrees held by the general population are shown in chapter 1. Chapter 4 contains tabulations on federal funding for postsecondary education. Information on employment outcomes for college graduates is shown in chapter 5. Chapter 7 contains data on college libraries. Further information on survey methodologies is presented in Appendix A: Guide to Sources and in the publications cited in the table source notes. For information on adults' participation in nonpostsecondary education, such as General Educational Development (GED) or English as a Second Language (ESL) classes, see chapter 7.

## Enrollment

Enrollment in degree-granting institutions increased by 11 percent between 1991 and 2001 (table 221 and figure 12). Between 2001 and 2011, enrollment increased 32 percent, from 15.9 million to 21.0 million. Much of the growth between 2001 and 2011 was in full-time enrollment; the number of full-time students rose 38 percent, while the number of part-time students rose 23 percent. During the same time period, the number of females rose 33 percent, while the number of males rose 30 percent. Enrollment increases can be affected both by population growth and by rising rates of enrollment. Between 2001 and 2011, the number of 18- to 24-year-olds increased from 28.0 million to 31.1 million, an increase of 11 percent (table 19), and the percentage of 18- to 24-year-olds enrolled in college rose from 36 percent in 2001 to 42 percent in 2011 (table 239). In addition to enrollment in accredited 2-year colleges, 4-year colleges, and universities, about 572,000 students attended non-degree-granting, Title IV eligible, postsecondary institutions in fall 2011 (table 219). These institutions are postsecondary institutions that do not award associate's or higher degrees; they include, for example, institutions that offer only career and technical programs of less than 2 years' duration.

Like enrollment in degree-granting institutions for the United States as a whole, the number of students enrolled in degree-granting institutions located within individual states has been on the rise (table 242 and figure 13). From 2006 to 2011, when U.S. enrollment in degree-granting institutions increased by 18 percent overall, all 50 states experienced enrollment increases, with only the District of Columbia having a decrease (18 percent). However, enrollment increases varied from state to state. The largest increase was in West Virginia (61 percent), followed by Iowa (56 percent) and Arizona

<sup>1</sup>Title IV programs, which are administered by the U.S. Department of Education, provide financial aid to postsecondary students.

<sup>2</sup>Included in the current degree-granting classification are some institutions (primarily 2-year colleges) that were not previously designated as higher education institutions. Excluded from the current degree-granting classification are a few institutions that were previously designated as higher education institutions even though they did not award an associate's or higher degree. The former higher education classification was defined as including institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education, or recognized directly by the Secretary of Education. The former institutions of higher education offered courses that led to an associate's or higher degree, or were accepted for credit towards a degree.

(41 percent). Five other states had increases of 25 percent or more. Nine states had increases of less than 10 percent.

In recent years, the percentage increase in the number of students age 25 and over has been larger than the percentage increase in the number of younger students, but the difference between these rates of increase is expected to narrow (table 224 and figure 14). Between 2000 and 2011, the enrollment of students under age 25 increased by 35 percent. Enrollment of students 25 and over rose 41 percent during the same period. From 2011 to 2021, NCES projects a rise of 13 percent in enrollments of students under 25, and a rise of 14 percent in enrollments of students 25 and over.

Enrollment trends have differed at the undergraduate and postbaccalaureate levels. Undergraduate enrollment increased 47 percent between 1970 and 1983, when it reached 10.8 million (table 240). Undergraduate enrollment dipped to 10.6 million in 1984 and 1985, but then increased each year from 1985 to 1992, rising 18 percent before stabilizing between 1992 and 1998. Between 2001 and 2011, undergraduate enrollment rose 32 percent, from 13.7 million to 18.1 million. Postbaccalaureate enrollment increased 34 percent between 1970 and 1984, with most of this increase occurring in the early 1970s (table 241). Postbaccalaureate enrollment increased throughout the period from 1985 to 2011, rising a total of 78 percent. During the last decade of this period, between 2001 and 2011, postbaccalaureate enrollment rose 32 percent, from 2.2 million to 2.9 million.

Since 1988, the number of females in postbaccalaureate programs has exceeded the number of males. Between 2001 and 2011, the number of full-time male postbaccalaureate students increased by 36 percent, compared with a 56 percent increase in the number of full-time female postbaccalaureate students. Among part-time postbaccalaureate students, the number of males increased by 14 percent and the number of females increased by 20 percent.

Eleven percent of undergraduates in both 2003–04 and 2007–08 reported having a disability (table 269). In 2007–08, some 43 percent of undergraduates with disabilities were male and 57 percent were female, the same percentages as for undergraduates without disabilities. There were some differences in characteristics such as race/ethnicity, age, dependency status, and veteran status between undergraduates reporting disabilities and those without disabilities in 2007–08. For example, White students made up a larger percentage of undergraduates reporting disabilities than of undergraduates without disabilities (66 percent vs. 61 percent). Undergraduates under age 24 made up a smaller percentage of those reporting disabilities than of those not reporting disabilities (52 percent vs. 59 percent). A smaller percentage of undergraduates who reported disabilities than of those without disabilities were dependents (45 percent vs. 52 percent). Veterans made up a larger percentage of undergraduates with disabilities than of undergraduates without disabilities (5 percent vs. 3 percent).

The percentage of American college students who are Hispanic, Asian/Pacific Islander, Black, and American Indian/Alaska Native has been increasing (table 263). From 1976 to

2011, the percentage of Hispanic students rose from 4 percent to 14 percent, the percentage of Asian/Pacific Islander students rose from 2 percent to 6 percent, the percentage of Black students rose from 10 percent to 15 percent, and the percentage of American Indian/Alaska Native students rose from 0.7 to 0.9 percent. During the same period, the percentage of White students fell from 84 percent to 61 percent.

Despite the sizable numbers of small degree-granting colleges, most students attend larger colleges and universities. In fall 2011, some 42 percent of institutions had fewer than 1,000 students; however, these campuses enrolled 4 percent of all college students (table 275). While 13 percent of campuses enrolled 10,000 or more students, they accounted for 59 percent of total college enrollment.

In 2011, the five postsecondary institutions with the highest enrollment were University of Phoenix, Online Campus, with 307,900 students; Ashford University, with 74,600 students; Arizona State University, with 72,300 students; Liberty University, with 64,100 students; and Miami-Dade College, with 63,700 students (table 276).

## Faculty, Staff, and Salaries

Approximately 3.8 million people were employed in colleges and universities in fall 2011, including 2.9 million professional and 0.9 million nonprofessional staff (table 286). In fall 2011, there were 1.5 million faculty members in degree-granting institutions, including 0.8 million full-time and 0.8 million part-time faculty. From 1991 to 2011, the proportion of staff classified as professionals—including executive, administrative, and managerial professionals; faculty; graduate assistants; and other professionals—rose from 63 percent to 76 percent (table 285). The proportion of staff who were executive, administrative, and managerial professionals was 6 percent in 1991 and 6 percent in 2011. The proportion of staff who were faculty rose from 33 percent in 1991 to 40 percent in 2011. The proportion of other professionals not engaged in teaching rose from 17 percent in 1991 to 21 percent in 2011. The proportion of nonprofessional staff—including technical and paraprofessional, clerical and secretarial, skilled crafts, and service and maintenance staff—declined from 37 percent to 24 percent. The full-time-equivalent (FTE) student/FTE staff ratio at colleges and universities increased from 4.9 in 1991 to 5.4 in 2011 (table 285 and figure 15). The FTE student/FTE faculty ratio was lower in 2011 (15.6) than in 1991 (16.4).

Colleges and universities differ in their practices of employing part-time and full-time staff. In fall 2011, some 47 percent of the employees at public 2-year colleges were employed full time, compared with 67 percent at public 4-year colleges and universities, 70 percent at private nonprofit 4-year colleges and universities, and 61 percent at private nonprofit 2-year colleges (table 286). A higher percentage of the faculty at public 4-year colleges and universities were employed full time (66 percent) than at private nonprofit 4-year colleges and universities (56 percent), private for-profit 4-year colleges and universities (14 per-



cent), private nonprofit 2-year colleges (43 percent), private for-profit 2-year colleges (40 percent), or public 2-year colleges (30 percent). In general, the number of full-time staff has been growing at a slower rate than the number of part-time staff (table 284). Between 2001 and 2011, the number of full-time staff increased by 19 percent, compared to an increase of 35 percent in the number of part-time staff. Most of the increase in the part-time staff was due to the increase in the number of part-time faculty (54 percent) and graduate assistants (36 percent) during this time period.

In fall 2011, some 7 percent of college and university faculty were Black (based on a faculty count that excludes persons whose race/ethnicity was unknown), 7 percent were Asian, 5 percent were Hispanic, 1 percent were American Indian/Alaska Native, 1 percent were of two or more races, and less than 1 percent were Pacific Islander (table 287). About 80 percent of all faculty with known race/ethnicity were White; 42 percent were White males and 38 percent were White females. Staff who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or of two or more races made up about 20 percent of executive, administrative, and managerial staff in 2011 and about 34 percent of nonprofessional staff. The proportion of total staff made up of Blacks, Hispanics, Asians, Pacific Islanders, American Indians/Alaska Natives, and persons of two or more races was similar at public 4-year colleges (26 percent), private 4-year colleges (24 percent), and public 2-year colleges (24 percent), but the proportion at private 2-year colleges (37 percent) was higher.

On average, full-time faculty and instructional staff spent 58 percent of their time teaching in 2003 (table 292). Research and scholarship accounted for 20 percent of their time, and 22 percent was spent on other activities (administration, professional growth, etc.).

Faculty salaries generally lost purchasing power during the 1970s. In constant 2011–12 dollars, average salaries for faculty on 9-month contracts declined by 16 percent during the period from 1970–71 (\$72,800) to 1980–81 (\$61,200) (table 298). During the 1980s, average salaries rose and recouped most of the losses. Between 1990–91 and 2011–12, there was a further increase in average faculty salaries, resulting in an average salary in 2011–12 (\$76,600) that was about 5 percent higher than the average salary in 1970–71. The average salary for males was higher than the average salary for females in all years for which data are available. Between 1999–2000 and 2011–12, the average salary in constant 2011–12 dollars for males increased by 3 percent (from \$80,800 to \$83,200) and the average salary for females increased by 4 percent (from \$65,900 to \$68,500). In 2011–12, average salaries were about 21 percent higher for males than for females (\$83,200 versus \$68,500).

The percentage of faculty with tenure has declined. Of those faculty at institutions with tenure systems, about 49 percent of full-time instructional faculty had tenure in 2011–12, compared with 56 percent in 1993–94 (table 305). Also, the percentage of institutions with tenure systems in 2011–12 (45 percent) was lower than in 1993–94 (63 per-

cent). Part of this change was due to the expansion in the number of for-profit institutions (table 306), relatively few of which have tenure systems (1.3 percent in 2011–12) (table 305). At institutions with tenure systems, there were differences between males and females in the percentage of full-time instructional faculty having tenure. Fifty-four percent of males had tenure in 2011–12, compared with 41 percent of females. In 2011–12, about 51 percent of full-time instructional faculty had tenure at public institutions with tenure systems, compared with 44 percent at private nonprofit institutions with tenure systems and 31 percent at private for-profit institutions with tenure systems.

## Degrees

During the 2011–12 academic year, 4,706 accredited institutions offered degrees at the associate's degree level or above (table 306). These included 1,649 public institutions, 1,653 private nonprofit institutions, and 1,404 private for-profit institutions. Of the 4,706 institutions, 2,968 were 4-year institutions that awarded degrees at the bachelor's or higher level, and 1,738 were 2-year institutions that offered associate's degrees as their highest award. Institutions awarding various degrees in 2010–11 numbered 2,955 for associate's degrees, 2,461 for bachelor's degrees, 1,851 for master's degrees, and 860 for doctor's degrees (table 320).

Growing numbers of people are completing college degrees. Between 2000–01 and 2010–11, the number of associate's, bachelor's, master's, and doctor's degrees that were conferred rose (table 310). The doctor's degree total includes most degrees formerly classified as first-professional, such as M.D. (medical), D.D.S. (dental), and J.D. (law) degrees. During this period, the number of associate's degrees increased by 63 percent, the number of bachelor's degrees increased by 38 percent, the number of master's degrees increased by 54 percent, and the number of doctor's degrees increased by 37 percent. Since the mid-1980s, more females than males have earned associate's, bachelor's, and master's degrees. Beginning in 2005–06, the number of females earning doctor's degrees has exceeded the number of males. Also, the number of females receiving associate's, master's, and doctor's degrees has increased at a faster rate than the number of males. Between 2000–01 and 2010–11, the number of associate's degrees awarded to females increased by 67 percent, while the number awarded to males increased by 56 percent. The number of females earning master's degrees rose 59 percent during this period, while the number of males rose 47 percent. The number of females earning doctor's degrees increased 52 percent, while the number of males earning doctor's degrees increased 24 percent. Between 2000–01 and 2010–11, the number of bachelor's degrees awarded to males and the number awarded to females both increased by 38 percent. In addition to degrees awarded at the associate's and higher levels, 1,030,000 certificates were awarded by postsecondary institutions participating in federal Title IV financial aid programs in 2010–11 (table 323).

Of the 1,716,000 bachelor's degrees conferred in 2010–11, the greatest numbers of degrees were conferred in the fields of business (365,000), social sciences and history (177,000), health professions and related programs (143,000), education (104,000), and psychology (101,000) (table 313). At the master's degree level, the greatest numbers of degrees were conferred in the fields of business (187,000) and education (185,000) (table 314). At the doctor's degree level, the greatest numbers of degrees were conferred in the fields of health professions and related programs (60,200), legal professions and studies (44,900), education (9,600), engineering (8,400), biological and biomedical sciences (7,700), psychology (5,900), and physical sciences and science technologies (5,300) (table 315).

In recent years, the numbers of bachelor's degrees conferred have followed patterns that differed significantly by field of study. While the number of degrees conferred increased by 38 percent overall between 2000–01 and 2010–11, there was substantial variation among the different fields of study, as well as shifts in the patterns of change during this time period (table 313 and figure 16). For example, the number of bachelor's degrees conferred in agriculture and natural resources was 1 percent lower in 2005–06 than in 2000–01, but then rose 24 percent between 2005–06 and 2010–11. In contrast, the number of degrees conferred in computer and information sciences was 8 percent higher in 2005–06 than in 2000–01, but the number in 2010–11 was 9 percent lower than in 2005–06. The number of bachelor's degrees conferred in the combined fields of engineering and engineering technologies increased 12 percent between 2000–01 and 2005–06, and then increased a further 14 percent between 2005–06 and 2010–11. In some other major fields, the number of bachelor's degrees also increased by somewhat higher percentages in the second half of the 10-year period than the first half. For example, the number of degrees conferred in biological sciences increased by 17 percent between 2000–01 and 2005–06, and then increased by 27 percent between 2005–06 and 2010–11; and the number conferred in physical sciences and science technologies increased by 14 percent between 2005–06 and 2010–11 and then by 20 percent between 2005–06 and 2010–11. The number of degrees conferred in health professions and related programs was 21 percent higher in 2005–06 than in 2000–01, but increased by 56 percent between 2005–06 and 2010–11. Other fields with sizable numbers of degrees (over 5,000 in 2010–11) that showed increases of 30 percent or more between 2005–06 and 2010–11 included parks, recreation, leisure, and fitness studies (41 percent); multi/interdisciplinary studies (38 percent); and homeland security, law enforcement, and firefighting (35 percent).

Approximately 59 percent of first-time students seeking a bachelor's degree or its equivalent and attending a 4-year institution full time in 2005 completed a bachelor's degree or its equivalent at that institution within 6 years (table 376). This graduation rate was calculated as the total number of completers within the specified time to degree attainment divided by the cohort of students who first enrolled at that institution in 2005. Graduation rates were higher at private nonprofit institutions than at public or private for-profit institutions. The 6-year graduation rate for the 2005 cohort at private nonprofit institu-

tions was 65 percent, compared with 57 percent at public institutions and 42 percent at private for-profit institutions. Graduation rates also varied by race/ethnicity. At 4-year institutions overall, the 6-year graduation rate for Asians in the 2005 cohort was 70 percent, compared with 64 percent for students of two or more races, 62 percent for Whites, 51 percent for Hispanics, 48 percent for Pacific Islanders, 40 percent for Blacks, and 40 percent for American Indians/Alaska Natives.

## Finances and Financial Aid

For the 2011–12 academic year, annual current dollar prices for undergraduate tuition, room, and board were estimated to be \$14,300 at public institutions, \$37,800 at private nonprofit institutions, and \$23,300 at private for-profit institutions (table 381). Between 2001–02 and 2011–12, prices for undergraduate tuition, room, and board at public institutions rose 40 percent, and prices at private nonprofit institutions rose 28 percent, after adjustment for inflation. The inflation-adjusted price for undergraduate tuition, room, and board at private for-profit institutions was 2 percent lower in 2011–12 than in 2001–02.

In 2007–08, about 80 percent of full-time undergraduate students received financial aid (grants, loans, work-study, or aid of multiple types) (table 386). About 64 percent of full-time undergraduates received federal financial aid in 2007–08, and 64 percent received aid from nonfederal sources. (Some students receive aid from both federal and nonfederal sources.) Section 484(r) of the Higher Education Act of 1965, as amended, suspends a student's eligibility for Title IV federal financial aid if the student is convicted of certain drug-related offenses that were committed while the student was receiving Title IV aid. About 0.01 percent of postsecondary students had their eligibility to receive aid suspended for 2009–10 (table C).

**Table C. Postsecondary students denied access to Title IV financial aid because eligibility was suspended due to a drug-related conviction: 2009–10**

Suspension status	Number of applications	Percentage distribution
<b>Total</b> .....	<b>19,490,666</b>	<b>100.00</b>
No suspension of eligibility .....	19,478,370	99.98
Suspension of eligibility		
For part of award year (suspension ends during year)	666	#
For full award year		
Due to conviction .....	1,751	0.01
Due to failure to report conviction status on aid application form .....	879	#

#Rounds to zero.

NOTE: It is not possible to determine whether a student who lost eligibility due to a drug conviction otherwise would have received Title IV aid, since there are other reasons why an applicant may not receive aid. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Federal Student Aid, Free Application for Federal Student Aid (FAFSA), unpublished data.

In 2010–11, total revenue was \$324 billion at public institutions, \$207 billion at private nonprofit institutions, and \$28 billion at private for-profit institutions (tables 401, 405, and 407 and figures 17 and 18). The category of student tuition

and fees typically accounts for a significant percentage of total revenue and was the largest single revenue source at both private nonprofit and for-profit institutions in 2010–11 (29 and 89 percent, respectively). At public institutions, the share of revenue from tuition and fees (18.6 percent) was slightly lower than that from state appropriations (19.5 percent) in 2010–11. Tuition and fees constituted the largest revenue category for private nonprofit 2- and 4-year institutions, private for-profit 2- and 4-year institutions, and public 4-year institutions. For public 2-year institutions, tuition and fees constituted the fourth largest revenue category.

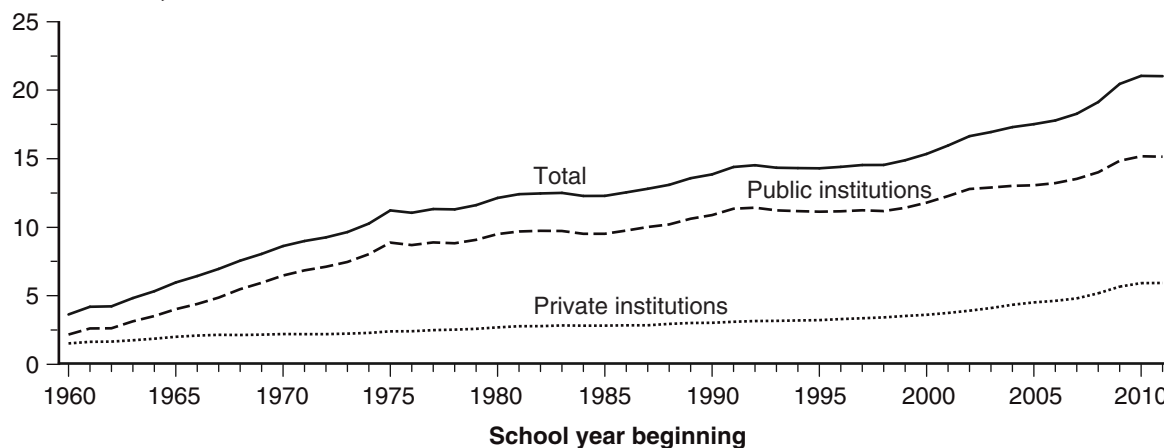
In 2010–11, average total expenditures per full-time-equivalent (FTE) student at public degree-granting colleges were \$26,900 (table 412). The 2010–11 total expenditures per FTE student were 4 percent lower than in 2007–08, but about 1 percent higher than in 2004–05, after adjustment for inflation. In 2010–11, public 4-year colleges had average total expenditures per FTE student of \$36,400, compared with \$12,400 at public 2-year colleges. At private nonprofit colleges, total expenditures per FTE student rose 5 percent between 2004–05 and 2010–11, after adjustment for inflation (table 414). In 2010–11, total expenditures per FTE stu-

dent at private nonprofit colleges were \$46,400; they averaged \$46,700 at 4-year colleges and \$17,900 at 2-year colleges (table 415). The expenditures per FTE student at private for-profit institutions were \$13,700 in 2010–11, which was about 6 percent higher than in 2004–05, after adjustment for inflation (tables 416 and 417). The difference between average expenditures per FTE student at private for-profit 4-year colleges (\$13,700) and private for-profit 2-year colleges (\$13,800) was relatively small compared to the differences between 2-year and 4-year public and private nonprofit colleges.

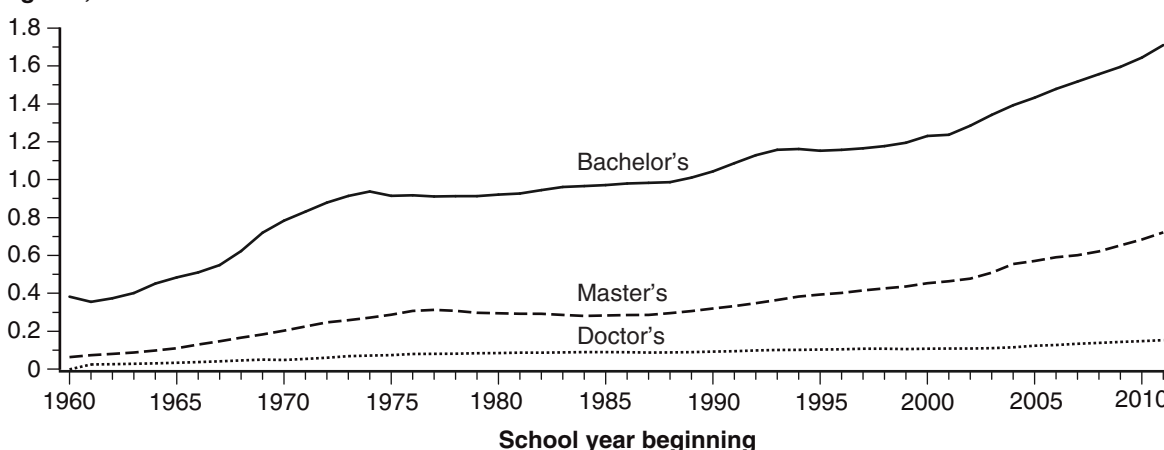
As of June 30, 2011, the market value of the endowment funds of colleges and universities was \$416 billion, reflecting an increase of 17 percent compared to 2010, when the total was \$356 billion (table 411). In 2011, the 120 colleges with the largest endowments accounted for \$308 billion, or about three-fourths of the national total. The five colleges with the largest endowments in 2011 were Harvard University (\$32 billion), Yale University (\$19 billion), Princeton University (\$17 billion), Stanford University (\$17 billion), and the University of Texas System (\$15 billion).

**Figure 12. Enrollment, degrees conferred, and expenditures in degree-granting institutions: Fall 1960 through fall 2011 and 1960–61 through 2011–12**

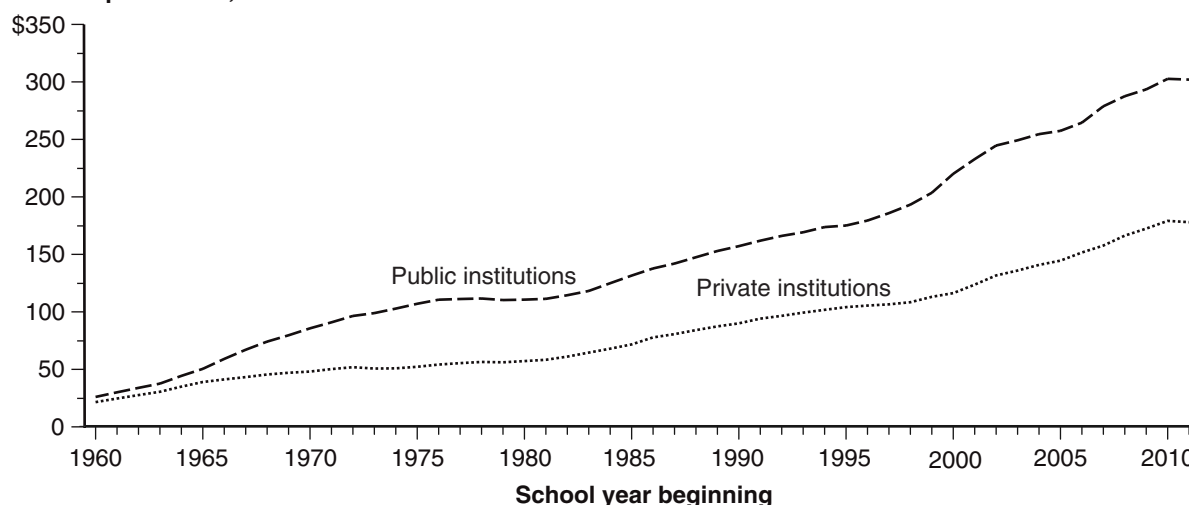
**Fall enrollment, in millions**



**Degrees, in millions**



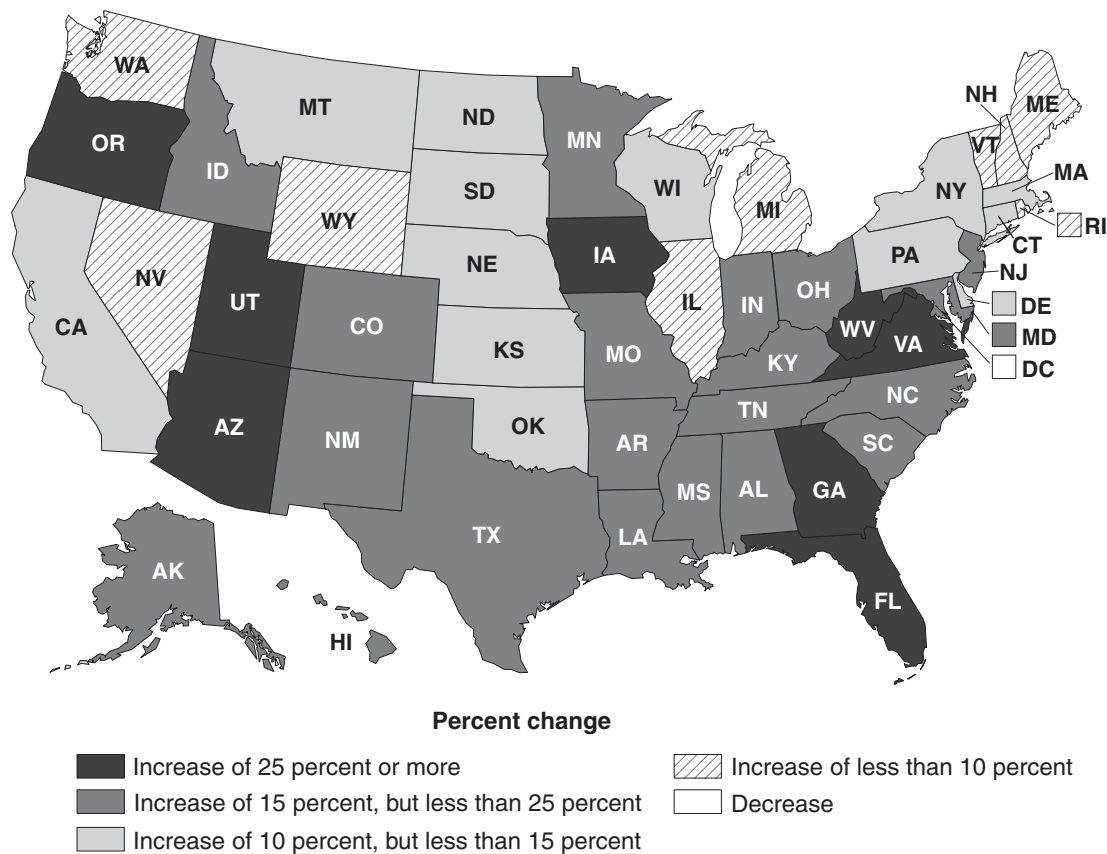
**Total expenditures, in billions of constant 2011–12 dollars**



NOTE: Expenditure data for school year 2011 (2011–12) are estimated. Degree data for school year 2011 are projected. Doctor's degrees include Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

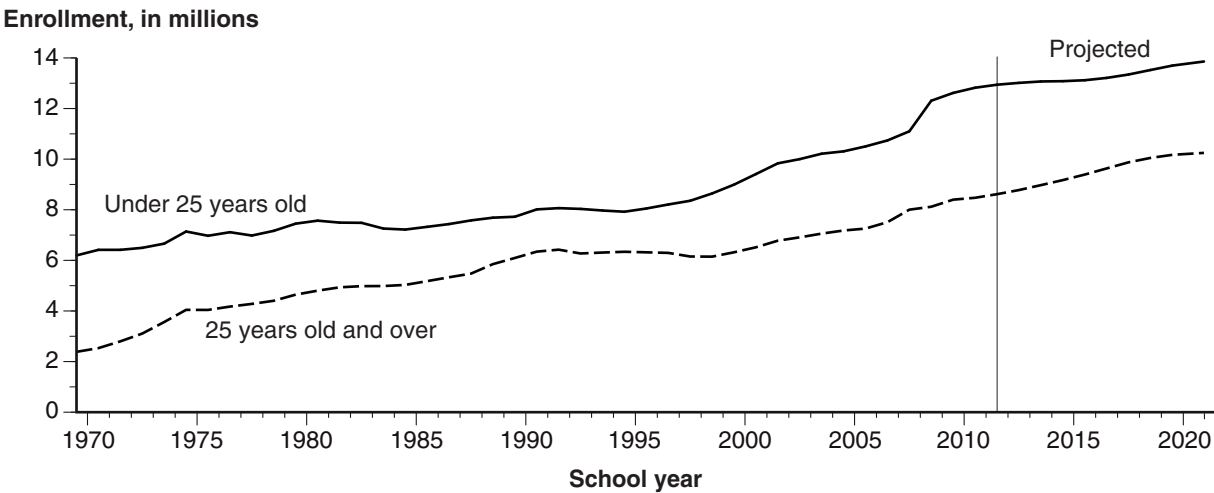
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Opening Fall Enrollment in Higher Education*, 1960 through 1965; *Financial Statistics of Higher Education*, 1959–60 through 1964–65; *Earned Degrees Conferred*, 1959–60 through 1964–65; *Projections of Education Statistics to 2021*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99), "Completions Survey" (IPEDS-C:87–99), and "Finance Survey" (IPEDS-F:FY87–99); IPEDS Fall 2000 through Fall 2011, Completions component; and IPEDS Spring 2001 through Spring 2012, Enrollment and Finance components.

Figure 13. Percentage change in total enrollment in degree-granting institutions, by state: Fall 2006 to fall 2011

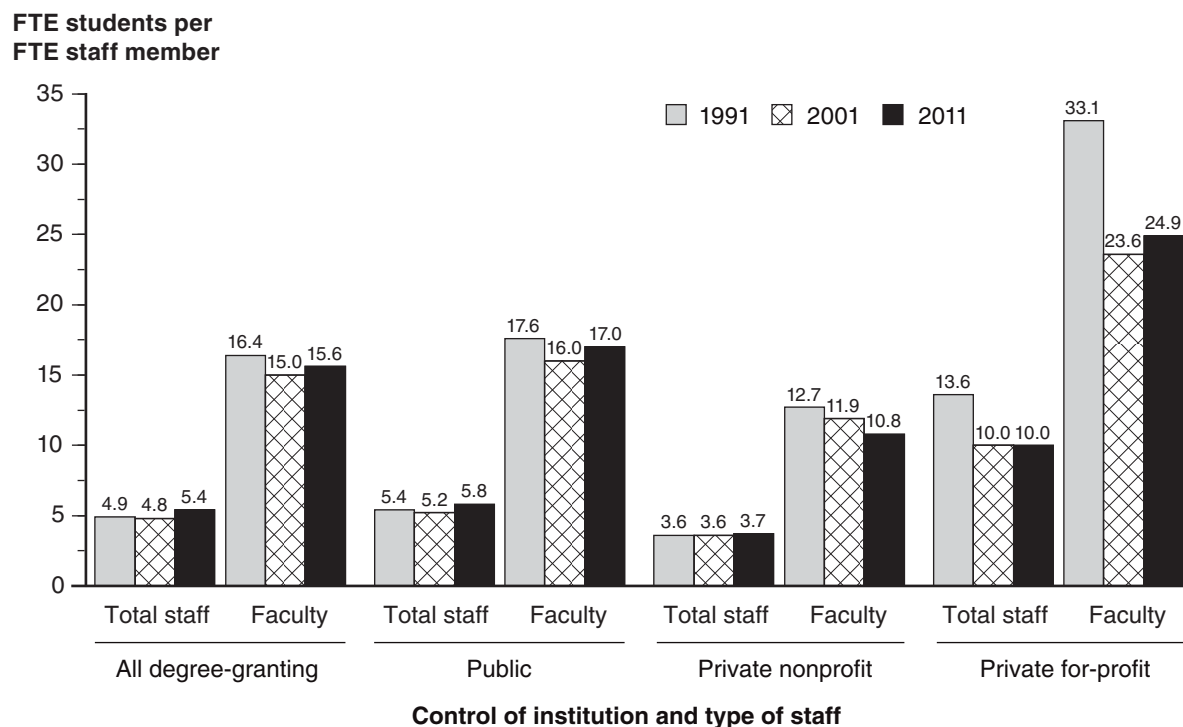


SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2007 and Spring 2012, Enrollment component.

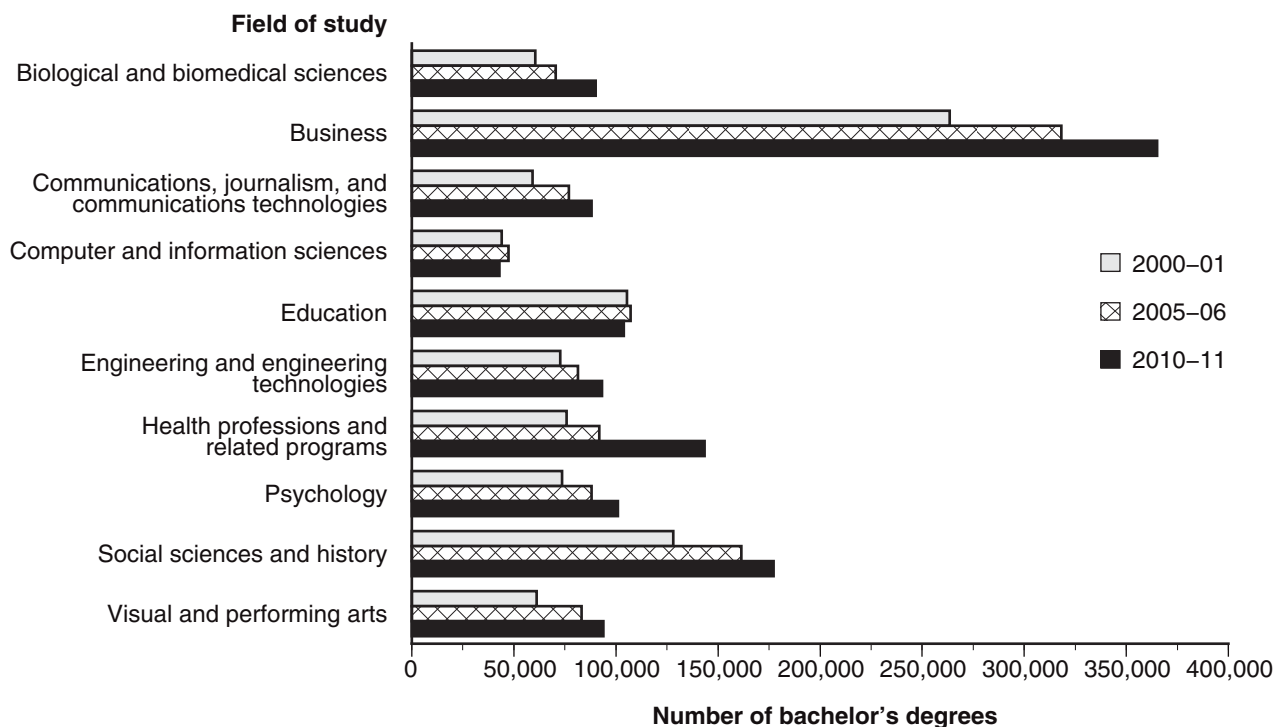
Figure 14. Enrollment in degree-granting institutions, by age: Fall 1970 through fall 2021



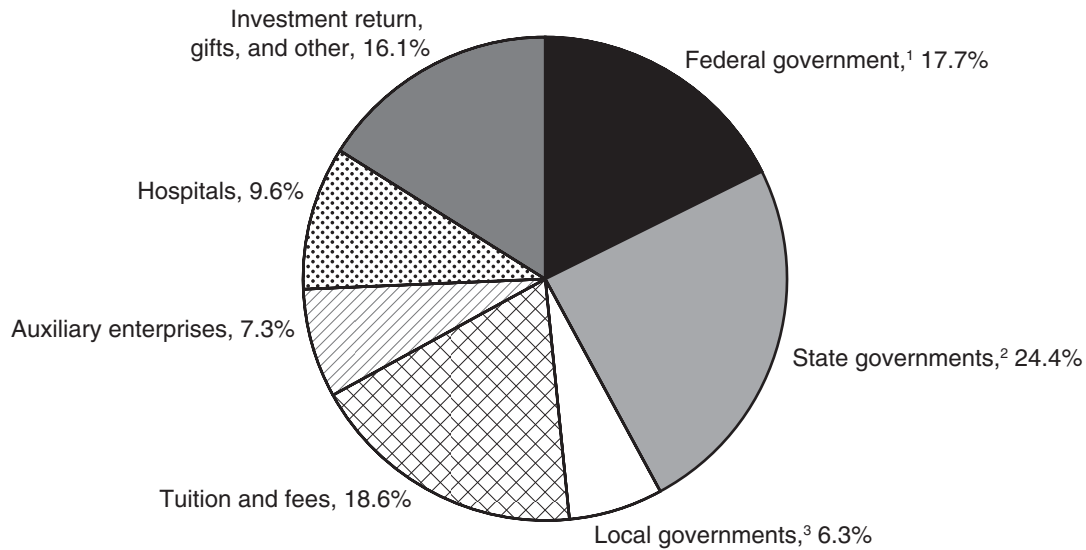
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1970 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); IPEDS Spring 2001 through Spring 2012, Enrollment component; and *Projections of Education Statistics to 2021*. U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, selected years, 1970 through 2011.

**Figure 15. Ratio of full-time-equivalent (FTE) students to total FTE staff and to FTE faculty in degree-granting institutions, by control of institution: 1991, 2001, and 2011**

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:91) and "Fall Staff Survey" (IPEDS-S:91); IPEDS Spring 2001 and 2012, Enrollment component; and IPEDS Winter 2001–02 and 2011–12, Human Resources component, Fall Staff section.

**Figure 16. Bachelor's degrees conferred by degree-granting institutions in selected fields of study: 2000–01, 2005–06, and 2010–11**

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001, Fall 2006, and Fall 2011, Completions component.

**Figure 17. Percentage distribution of total revenues of public degree-granting institutions, by source of funds: 2010–11**

**Total revenues = \$323.8 billion**

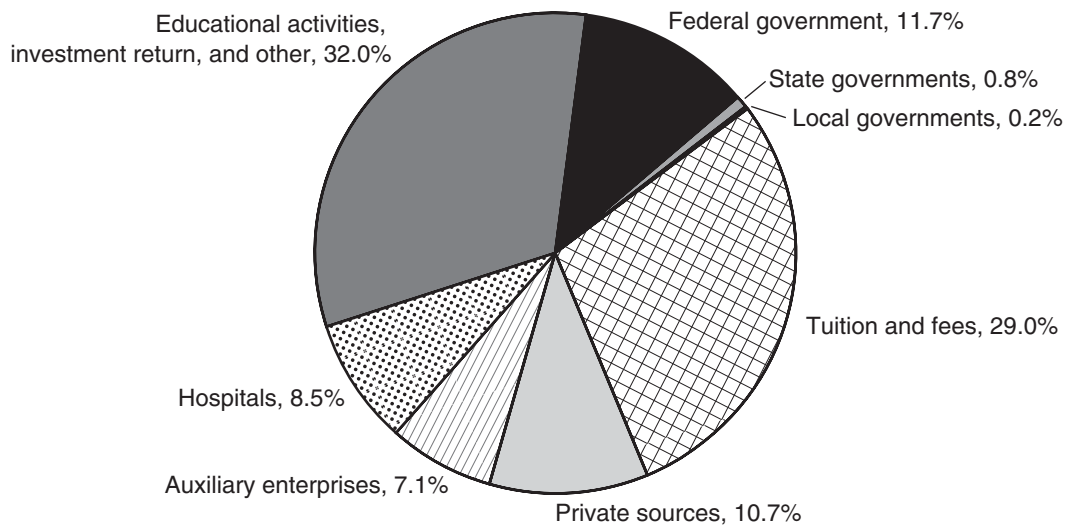
<sup>1</sup>Revenues from the federal government include operating grants and contracts, funds for independent operations, nonoperating revenue appropriations, and nonoperating grants.

<sup>2</sup>Revenues from state governments include operating grants and contracts, nonoperating revenue appropriations, nonoperating grants, and capital appropriations.

<sup>3</sup>Revenues from local governments include operating grants and contracts, funds for independent operations, nonoperating revenue appropriations, and nonoperating grants.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Finance component.

**Figure 18. Percentage distribution of total revenues of private nonprofit degree-granting institutions, by source of funds: 2010–11**

**Total revenues = \$207.2 billion**

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Finance component.





**Table 219. Enrollment, staff, and degrees/certificates conferred in all postsecondary institutions participating in Title IV programs, by level and control of institution, sex of student, type of staff, and type of degree: Fall 2010, fall 2011, and 2010–11**

Level of institution, sex of student, type of staff, and type of degree	All Title IV eligible institutions <sup>1</sup>	Degree-granting institutions <sup>2</sup>					Non-degree-granting institutions <sup>3</sup>				
		Total	Public	Private			Total	Public	Private		
				Total	Nonprofit	For-profit			Total	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12
<b>Enrollment, fall 2010</b>											
<b>Total</b> .....	<b>21,588,124</b>	<b>21,016,126</b>	<b>15,142,809</b>	<b>5,873,317</b>	<b>3,854,920</b>	<b>2,018,397</b>	<b>571,998</b>	<b>137,464</b>	<b>434,534</b>	<b>26,986</b>	<b>407,548</b>
4-year institutions.....	13,335,777	13,335,251	7,924,771	5,410,480	3,822,260	1,588,220	526	42	484	423	61
Males .....	5,779,795	5,779,685	3,568,544	2,211,141	1,626,564	584,577	110	15	95	79	16
Females .....	7,555,982	7,555,566	4,356,227	3,199,339	2,195,696	1,003,643	416	27	389	344	45
2-year institutions.....	7,847,996	7,680,875	7,218,038	462,837	32,660	430,177	167,121	66,575	100,546	11,400	89,146
Males .....	3,346,603	3,265,126	3,110,993	154,133	12,504	141,629	81,477	35,616	45,861	3,130	42,731
Females .....	4,501,393	4,415,749	4,107,045	308,704	20,156	288,548	85,644	30,959	54,685	8,270	46,415
Less-than-2-year institutions.....	404,351	†	†	†	†	†	404,351	70,847	333,504	15,163	318,341
Males .....	113,722	†	†	†	†	†	113,722	29,720	84,002	5,610	78,392
Females .....	290,629	†	†	†	†	†	290,629	41,127	249,502	9,553	239,949
<b>Staff, fall 2011</b>											
<b>Total</b> .....	<b>3,920,836</b>	<b>3,840,980</b>	<b>2,484,820</b>	<b>1,356,160</b>	<b>1,118,046</b>	<b>238,114</b>	<b>79,856</b>	<b>24,000</b>	<b>55,856</b>	<b>5,080</b>	<b>50,776</b>
Professional staff .....	2,986,568	2,923,961	1,865,269	1,058,692	843,740	214,952	62,607	17,977	44,630	3,791	40,839
Administrative .....	248,982	238,718	112,473	126,245	104,010	22,235	10,264	1,430	8,834	753	8,081
Faculty .....	1,565,504	1,523,615	953,230	570,385	432,733	137,652	41,889	14,716	27,173	2,309	24,864
Graduate assistants.....	355,916	355,916	285,905	70,011	69,376	635	0	0	0	0	0
Other professionals.....	816,166	805,712	513,661	292,051	237,621	54,430	10,454	1,831	8,623	729	7,894
Nonprofessional staff .....	934,268	917,019	619,551	297,468	274,306	23,162	17,249	6,023	11,226	1,289	9,937
<b>Degrees/certificates conferred, 2010–11</b>											
<b>Total</b> .....	<b>4,582,206</b>	<b>4,212,620</b>	<b>2,658,452</b>	<b>1,554,168</b>	<b>975,390</b>	<b>578,778</b>	<b>369,586</b>	<b>67,500</b>	<b>302,086</b>	<b>16,006</b>	<b>286,080</b>
Less-than-1-year and 1- to less-than-4-year certificates .....	1,029,557	659,980	452,179	207,801	20,507	187,294	369,577	67,491	302,086	16,006	286,080
4-year institutions.....	85,532	85,441	42,214	43,227	10,609	32,618	91	0	91	91	0
Males .....	33,727	33,713	21,035	12,678	4,455	8,223	14	0	14	14	0
Females .....	51,805	51,728	21,179	30,549	6,154	24,395	77	0	77	77	0
2-year institutions.....	665,139	574,539	409,965	164,574	9,898	154,676	90,600	32,344	58,256	5,245	53,011
Males .....	279,816	240,141	193,503	46,638	2,771	43,867	39,675	15,104	24,571	1,525	23,046
Females .....	385,323	334,398	216,462	117,936	7,127	110,809	50,925	17,240	33,685	3,720	29,965
Less-than-2-year institutions.....	278,886	†	†	†	†	†	278,886	35,147	243,739	10,670	233,069
Males .....	78,140	†	†	†	†	†	78,140	14,009	64,131	4,334	59,797
Females .....	200,746	†	†	†	†	†	200,746	21,138	179,608	6,336	173,272
Associate's degrees.....	942,336	942,327	696,788	245,539	51,969	193,570	9	9	0	0	0
4-year institutions.....	289,435	289,435	119,360	170,075	44,587	125,488	0	0	0	0	0
Males .....	108,751	108,751	47,340	61,411	16,286	45,125	0	0	0	0	0
Females .....	180,684	180,684	72,020	108,664	28,301	80,363	0	0	0	0	0
2-year institutions.....	652,901	652,892	577,428	75,464	7,382	68,082	9	9	0	0	0
Males .....	252,565	252,558	223,044	29,514	2,593	26,921	7	7	0	0	0
Females .....	400,336	400,334	354,384	45,950	4,789	41,161	2	2	0	0	0
Less-than-2-year institutions.....	0	†	†	†	†	†	0	0	0	0	0
Males .....	0	†	†	†	†	†	0	0	0	0	0
Females .....	0	†	†	†	†	†	0	0	0	0	0
Bachelor's degrees .....	1,715,913	1,715,913	1,088,297	627,616	513,106	114,510	0	0	0	0	0
Males .....	734,133	734,133	476,785	257,348	211,018	46,330	0	0	0	0	0
Females .....	981,780	981,780	611,512	370,268	302,088	68,180	0	0	0	0	0
Master's degrees .....	730,635	730,635	339,250	391,385	313,200	78,185	0	0	0	0	0
Males .....	291,551	291,551	137,618	153,933	126,799	27,134	0	0	0	0	0
Females .....	439,084	439,084	201,632	237,452	186,401	51,051	0	0	0	0	0
Doctor's degrees.....	163,765	163,765	81,938	81,827	76,608	5,219	0	0	0	0	0
Males .....	79,654	79,654	40,056	39,598	37,529	2,069	0	0	0	0	0
Females .....	84,111	84,111	41,882	42,229	39,079	3,150	0	0	0	0	0

†Not applicable.

<sup>1</sup>Includes degree-granting and non-degree-granting institutions.

<sup>2</sup>Data are for degree-granting institutions, which grant associate's or higher degrees and participate in Title IV federal financial aid programs.

<sup>3</sup>Data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were participating in Title IV federal financial aid programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2011–12, Human Resources component; Spring 2010, Enrollment component; and Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 220. Historical summary of faculty, enrollment, degrees, and finances in degree-granting institutions: Selected years, 1869–70 through 2010–11**

Selected characteristic	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1999–2000	2005–06	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Total institutions <sup>1</sup> .....	563	811	998	977	951	1,041	1,409	1,708	1,851	2,004	2,525	3,152	3,535	4,084	4,276	4,495	4,599
Total faculty <sup>2</sup> .....	5,553 <sup>3</sup>	11,522 <sup>3</sup>	15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	450,000 <sup>4</sup>	675,000 <sup>4</sup>	824,220 <sup>5</sup>	1,027,830 <sup>5</sup>	1,290,426 <sup>5</sup>	1,439,144 <sup>5</sup>	—
Males.....	4,887 <sup>3</sup>	7,328 <sup>3</sup>	12,704 <sup>3</sup>	19,151	29,132	35,807	60,017	106,328	186,189	296,773	346,000 <sup>4</sup>	479,000 <sup>4</sup>	534,254 <sup>5</sup>	602,469 <sup>5</sup>	714,453 <sup>5</sup>	761,035 <sup>5</sup>	—
Females.....	666 <sup>3</sup>	4,194 <sup>3</sup>	3,105 <sup>3</sup>	4,717	7,348	12,808	22,369	40,601	60,533	83,781	104,000 <sup>4</sup>	196,000 <sup>4</sup>	289,966 <sup>5</sup>	425,361 <sup>5</sup>	575,973 <sup>5</sup>	678,109 <sup>5</sup>	—
Total fall enrollment <sup>6</sup> .....	52,286	115,817	156,756	237,592	355,213	597,880	1,100,737	1,494,203	2,444,900	3,639,847	8,004,660	11,569,899	13,538,560	14,849,691	17,487,475	20,427,711	21,016,126
Males.....	41,160 <sup>3</sup>	77,972 <sup>3</sup>	100,453 <sup>3</sup>	152,254	214,648 <sup>3</sup>	314,938	619,935	893,250	1,721,572	2,332,617	4,746,201	5,682,877	6,190,015	6,515,164	7,455,925	8,769,504	9,044,811
Females.....	11,126 <sup>3</sup>	37,845 <sup>3</sup>	56,303 <sup>3</sup>	85,338	140,565 <sup>3</sup>	282,942	480,802	600,953	723,328	1,307,230	3,258,459	5,887,022	7,348,545	8,334,527	10,031,550	11,658,207	11,971,315
<b>Degrees conferred</b>																	
Associate's, total.....	—	—	—	—	—	—	—	—	—	—	206,023	400,910	455,102	564,933	713,066	849,452	942,327
Males.....	—	—	—	—	—	—	—	—	—	—	117,432	183,737	191,195	224,721	270,095	322,916	361,309
Females.....	—	—	—	—	—	—	—	—	—	—	88,591	217,173	263,907	340,212	442,971	526,536	581,018
Bachelor's, total <sup>7</sup> .....	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	1,237,875	1,485,242	1,650,014	1,715,913
Males.....	7,993	10,411	12,857	22,173	28,762	31,980	73,615	109,546	328,841	254,063	451,097	473,611	491,696	530,367	630,600	706,633	734,133
Females.....	1,378	2,485	2,682	5,237	8,437	16,642	48,869	76,954	103,217	138,377	341,219	455,806	559,648	707,508	854,642	943,381	981,780
Master's, total <sup>8</sup> .....	0	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	213,589	305,196	330,152	463,185	599,731	693,025	730,635
Males.....	0	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	130,799	156,882	158,052	196,129	241,656	275,197	291,551
Females.....	0	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,790	148,314	172,100	267,056	358,075	417,828	439,084
Doctor's, total <sup>9</sup> .....	1	54	149	382	443	615	2,299	3,290	6,420	9,829	59,486	95,631	103,508	118,736	138,056	158,558	163,765
Males.....	1	51	147	359	399	522	1,946	2,861	5,804	8,801	53,792	69,526	63,963	64,930	68,912	76,605	79,654
Females.....	0	3	2	23	44	93	353	429	616	1,028	5,694	26,105	39,545	53,806	69,144	81,953	84,111
In thousands of current dollars																	
<b>Finances</b>																	
Current-fund revenue.....	—	—	—	—	\$76,883	\$199,922	\$554,511	\$715,211	\$2,374,645	\$5,785,537	\$21,515,242	\$58,519,982	\$139,635,477	—	—	—	—
Educational and general income.....	—	—	\$21,464	\$35,084	67,917	172,929	483,065	571,288	1,833,845	4,688,352	16,486,177	—	—	—	—	—	—
Current-fund expenditures.....	—	—	—	—	—	—	507,142	674,688	2,245,661	5,601,376	21,043,113	56,913,588	134,655,571	—	—	—	—
Educational and general expenditures.....	—	—	—	—	—	—	377,903	521,990	1,706,444	4,685,258	16,845,212	44,542,843	105,585,076	—	—	—	—
Value of physical property..	—	—	95,426	253,599	457,594	747,333	2,065,049	2,753,780 <sup>10</sup>	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000	—	—	—	—
Market value of endowment funds.....	—	—	78,788 <sup>11</sup>	194,998 <sup>11</sup>	323,661 <sup>11</sup>	569,071 <sup>11</sup>	1,372,068 <sup>11</sup>	1,686,283 <sup>11</sup>	2,601,223 <sup>11</sup>	5,322,080 <sup>11</sup>	11,206,632	20,743,045	67,978,726	—	\$336,908,009	\$355,790,614	\$415,656,829

—Not available.

<sup>1</sup>Prior to 1979–80, excludes branch campuses.

<sup>2</sup>Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959–60, data are for the first term of the academic year.

<sup>3</sup>Estimated.

<sup>4</sup>Estimated number of senior instructional staff based on actual enrollment data for the designated year and enrollment/staff ratios for the prior staff survey. Excludes graduate assistants.

<sup>5</sup>Because of revised survey procedures, data may not be directly comparable with figures prior to 1989–90. Excludes graduate assistants.

<sup>6</sup>Data for 1869–70 to 1939–40 are for resident degree-credit students who enrolled at any time during the academic year.

<sup>7</sup>From 1869–70 to 1959–60, bachelor's degrees include degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>8</sup>Figures for years prior to 1969–70 are not precisely comparable with later data.

<sup>9</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>10</sup>Includes unexpended plant funds.

<sup>11</sup>Book value. Includes other nonexpendable funds.

NOTE: Data through 1989–90 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding. SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Education Directory, Colleges and Universities; Faculty and Other Professional Staff in Institutions of Higher Education; Fall Enrollment in Colleges and Universities; Earned Degrees Conferred; Financial Statistics of Institutions of Higher Education; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred,"* and "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:89–99), "Fall Staff Survey" (IPEDS-S:89–99), "Finance Survey" (IPEDS-F:FY90–00), "Completions Survey" (IPEDS-C:90–00), and "Institutional Characteristics Survey" (IPEDS-IC:89–99); IPEDS Winter 2005–06 and Winter 2009–10, Human Resources component, Fall Staff section; IPEDS Spring 2006, Spring 2010, and Spring 2011, Enrollment component; and IPEDS Fall 2006, Fall 2010, and Fall 2011, Completions component. (This table was prepared December 2012.)



**Table 222. Total fall enrollment in all postsecondary institutions participating in Title IV programs, by degree-granting status and control of institution: 1995 through 2011**

Year	All Title IV institutions <sup>1</sup>				Degree-granting institutions <sup>2</sup>					Non-degree-granting institutions <sup>3</sup>			
	Total	Public	Private		Total	Public	Private			Total	Public	Private	
			Nonprofit	For-profit			Total	Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Enrollment													
1995.....	14,836,338	11,312,491	2,977,794	546,053	14,261,781	11,092,374	3,169,407	2,929,044	240,363	574,557	220,117	48,750	305,690
1996.....	14,809,897	11,312,775	2,976,850	520,272	14,367,520	11,120,499	3,247,021	2,942,556	304,465	442,377	192,276	34,294	215,807
1997.....	14,900,416	11,370,755	3,012,106	517,555	14,502,334	11,196,119	3,306,215	2,977,614	328,601	398,082	174,636	34,492	188,954
1998.....	14,923,839	11,330,811	3,040,251	552,777	14,506,967	11,137,769	3,369,198	3,004,925	364,273	416,872	193,042	35,326	188,504
1999.....	15,262,888	11,556,731	3,088,233	617,924	14,849,691	11,375,739	3,473,952	3,055,029	418,923	413,197	180,992	33,204	199,001
2000.....	15,701,409	11,891,450	3,137,108	672,851	15,312,289	11,752,786	3,559,503	3,109,419	450,084	389,120	138,664	27,689	222,767
2001.....	16,334,134	12,370,079	3,198,354	765,701	15,927,987	12,233,156	3,694,831	3,167,330	527,501	406,147	136,923	31,024	238,200
2002.....	17,035,027	12,883,071	3,299,094	852,862	16,611,711	12,751,993	3,859,718	3,265,476	594,242	423,316	131,078	33,618	258,620
2003.....	17,330,775	12,965,502	3,372,647	992,626	16,911,481	12,858,698	4,052,783	3,341,048	711,735	419,294	106,804	31,599	280,891
2004.....	17,710,798	13,081,358	3,440,559	1,188,881	17,272,044	12,980,112	4,291,932	3,411,685	880,247	438,754	101,246	28,874	308,634
2005.....	17,921,804	13,115,177	3,484,013	1,322,614	17,487,475	13,021,834	4,465,641	3,454,692	1,010,949	434,329	93,343	29,321	311,665
2006.....	18,205,474	13,281,664	3,543,455	1,380,355	17,758,870	13,180,133	4,578,737	3,512,866	1,065,871	446,604	101,531	30,589	314,484
2007.....	18,671,084	13,595,849	3,595,207	1,480,028	18,248,128	13,490,780	4,757,348	3,571,150	1,186,198	422,956	105,069	24,057	293,830
2008.....	19,574,395	14,092,109	3,684,723	1,797,563	19,102,814	13,972,153	5,130,661	3,661,519	1,469,142	471,581	119,956	23,204	328,421
2009.....	20,966,826	14,936,382	3,791,418	2,239,026	20,427,711	14,810,642	5,617,069	3,765,083	1,851,986	539,115	125,740	26,335	387,040
2010.....	21,588,124	15,280,273	3,881,906	2,425,945	21,016,126	15,142,809	5,873,317	3,854,920	2,018,397	571,998	137,464	26,986	407,548
2011.....	21,557,259	15,244,288	3,954,529	2,358,442	20,994,113	15,110,196	5,883,917	3,927,186	1,956,731	563,146	134,092	27,343	401,711
Annual percentage change													
1995 to 1996.....	-0.2	#	#	-4.7	0.7	0.3	2.4	0.5	26.7	-23.0	-12.6	-29.7	-29.4
1996 to 1997.....	0.6	0.5	1.2	-0.5	0.9	0.7	1.8	1.2	7.9	-10.0	-9.2	0.6	-12.4
1997 to 1998.....	0.2	-0.4	0.9	6.8	#	-0.5	1.9	0.9	10.9	4.7	10.5	2.4	-0.2
1998 to 1999.....	2.3	2.0	1.6	11.8	2.4	2.1	3.1	1.7	15.0	-0.9	-6.2	-6.0	5.6
1999 to 2000.....	2.9	2.9	1.6	8.9	3.1	3.3	2.5	1.8	7.4	-5.8	-23.4	-16.6	11.9
2000 to 2001.....	4.0	4.0	2.0	13.8	4.0	4.1	3.8	1.9	17.2	4.4	-1.3	12.0	6.9
2001 to 2002.....	4.3	4.1	3.1	11.4	4.3	4.2	4.5	3.1	12.7	4.2	-4.3	8.4	8.6
2002 to 2003.....	1.7	0.6	2.2	16.4	1.8	0.8	5.0	2.3	19.8	-1.0	-18.5	-6.0	8.6
2003 to 2004.....	2.2	0.9	2.0	19.8	2.1	0.9	5.9	2.1	23.7	4.6	-5.2	-8.6	9.9
2004 to 2005.....	1.2	0.3	1.3	11.2	1.2	0.3	4.0	1.3	14.8	-1.0	-7.8	1.5	1.0
2005 to 2006.....	1.6	1.3	1.7	4.4	1.6	1.2	2.5	1.7	5.4	2.8	8.8	4.3	0.9
2006 to 2007.....	2.6	2.4	1.5	7.2	2.8	2.4	3.9	1.7	11.3	-5.3	3.5	-21.4	-6.6
2007 to 2008.....	4.8	3.7	2.5	21.5	4.7	3.6	7.8	2.5	23.9	11.5	14.2	-3.5	11.8
2008 to 2009.....	7.1	6.0	2.9	24.6	6.9	6.0	9.5	2.8	26.1	14.3	4.8	13.5	17.8
2009 to 2010.....	3.0	2.3	2.4	8.3	2.9	2.2	4.6	2.4	9.0	6.1	9.3	2.5	5.3
2010 to 2011.....	-0.1	-0.2	1.9	-2.8	-0.1	-0.2	0.2	1.9	-3.1	-1.5	-2.5	1.3	-1.4

#Rounds to zero.

<sup>1</sup>Includes degree-granting and non-degree-granting institutions.

<sup>2</sup>Data for 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

<sup>3</sup>Data are for institutions that did not offer accredited 4-year or 2-year programs, but were participating in Title IV federal financial aid programs. Includes some institutions transitioning to higher level offerings, though still classified at a lower level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:95-99); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared September 2012.)













**Table 228. Total fall enrollment in degree-granting institutions, by level of enrollment, sex of student, level and control of institution, and attendance status of student: 2011**

Level and control of institution and attendance status of student	Total			Undergraduate			Postbaccalaureate		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
<b>Total</b> .....	<b>20,994,113</b>	<b>9,026,499</b>	<b>11,967,614</b>	<b>18,063,037</b>	<b>7,816,975</b>	<b>10,246,062</b>	<b>2,931,076</b>	<b>1,209,524</b>	<b>1,721,552</b>
Full-time.....	13,001,457	5,793,411	7,208,046	11,359,068	5,070,529	6,288,539	1,642,389	722,882	919,507
Part-time.....	7,992,656	3,233,088	4,759,568	6,703,969	2,746,446	3,957,523	1,288,687	486,642	802,045
<b>4-year</b> .....	<b>13,494,131</b>	<b>5,854,845</b>	<b>7,639,286</b>	<b>10,563,055</b>	<b>4,645,321</b>	<b>5,917,734</b>	<b>2,931,076</b>	<b>1,209,524</b>	<b>1,721,552</b>
Full-time.....	9,841,421	4,405,066	5,436,355	8,199,032	3,682,184	4,516,848	1,642,389	722,882	919,507
Part-time.....	3,652,710	1,449,779	2,202,931	2,364,023	963,137	1,400,886	1,288,687	486,642	802,045
<b>2-year</b> .....	<b>7,499,982</b>	<b>3,171,654</b>	<b>4,328,328</b>	<b>7,499,982</b>	<b>3,171,654</b>	<b>4,328,328</b>	†	†	†
Full-time.....	3,160,036	1,388,345	1,771,691	3,160,036	1,388,345	1,771,691	†	†	†
Part-time.....	4,339,946	1,783,309	2,556,637	4,339,946	1,783,309	2,556,637	†	†	†
<b>Public</b> .....	<b>15,110,196</b>	<b>6,656,236</b>	<b>8,453,960</b>	<b>13,688,792</b>	<b>6,055,488</b>	<b>7,633,304</b>	<b>1,421,404</b>	<b>600,748</b>	<b>820,656</b>
Full-time.....	8,665,740	4,001,784	4,663,956	7,894,906	3,648,772	4,246,134	770,834	353,012	417,822
Part-time.....	6,444,456	2,654,452	3,790,004	5,793,886	2,406,716	3,387,170	650,570	247,736	402,834
Public 4-year.....	8,047,729	3,628,889	4,418,840	6,626,325	3,028,141	3,598,184	1,421,404	600,748	820,656
Full-time.....	5,889,009	2,743,324	3,145,685	5,118,175	2,390,312	2,727,863	770,834	353,012	417,822
Part-time.....	2,158,720	885,565	1,273,155	1,508,150	637,829	870,321	650,570	247,736	402,834
Public 2-year.....	7,062,467	3,027,347	4,035,120	7,062,467	3,027,347	4,035,120	†	†	†
Full-time.....	2,776,731	1,258,460	1,518,271	2,776,731	1,258,460	1,518,271	†	†	†
Part-time.....	4,285,736	1,768,887	2,516,849	4,285,736	1,768,887	2,516,849	†	†	†
<b>Private</b> .....	<b>5,883,917</b>	<b>2,370,263</b>	<b>3,513,654</b>	<b>4,374,245</b>	<b>1,761,487</b>	<b>2,612,758</b>	<b>1,509,672</b>	<b>608,776</b>	<b>900,896</b>
Full-time.....	4,335,717	1,791,627	2,544,090	3,464,162	1,421,757	2,042,405	871,555	369,870	501,685
Part-time.....	1,548,200	578,636	969,564	910,083	339,730	570,353	638,117	238,906	399,211
Private 4-year.....	5,446,402	2,225,956	3,220,446	3,936,730	1,617,180	2,319,550	1,509,672	608,776	900,896
Full-time.....	3,952,412	1,661,742	2,290,670	3,080,857	1,291,872	1,788,985	871,555	369,870	501,685
Part-time.....	1,493,990	564,214	929,776	855,873	325,308	530,565	638,117	238,906	399,211
Private 2-year.....	437,515	144,307	293,208	437,515	144,307	293,208	†	†	†
Full-time.....	383,305	129,885	253,420	383,305	129,885	253,420	†	†	†
Part-time.....	54,210	14,422	39,788	54,210	14,422	39,788	†	†	†
Nonprofit.....	3,927,186	1,665,150	2,262,036	2,718,880	1,154,936	1,563,944	1,208,306	510,214	698,092
Full-time.....	2,937,819	1,287,302	1,650,517	2,235,815	971,842	1,263,973	702,004	315,460	386,544
Part-time.....	989,367	377,848	611,519	483,065	183,094	299,971	506,302	194,754	311,548
Nonprofit 4-year.....	3,887,322	1,651,310	2,236,012	2,679,016	1,141,096	1,537,920	1,208,306	510,214	698,092
Full-time.....	2,907,240	1,276,006	1,631,234	2,205,236	960,546	1,244,690	702,004	315,460	386,544
Part-time.....	980,082	375,304	604,778	473,780	180,550	293,230	506,302	194,754	311,548
Nonprofit 2-year.....	39,864	13,840	26,024	39,864	13,840	26,024	†	†	†
Full-time.....	30,579	11,296	19,283	30,579	11,296	19,283	†	†	†
Part-time.....	9,285	2,544	6,741	9,285	2,544	6,741	†	†	†
For-profit.....	1,956,731	705,113	1,251,618	1,655,365	606,551	1,048,814	301,366	98,562	202,804
Full-time.....	1,397,898	504,325	893,573	1,228,347	449,915	778,432	169,551	54,410	115,141
Part-time.....	558,833	200,788	358,045	427,018	156,636	270,382	131,815	44,152	87,663
For-profit 4-year.....	1,559,080	574,646	984,434	1,257,714	476,084	781,630	301,366	98,562	202,804
Full-time.....	1,045,172	385,736	659,436	875,621	331,326	544,295	169,551	54,410	115,141
Part-time.....	513,908	188,910	324,998	382,093	144,758	237,335	131,815	44,152	87,663
For-profit 2-year.....	397,651	130,467	267,184	397,651	130,467	267,184	†	†	†
Full-time.....	352,726	118,589	234,137	352,726	118,589	234,137	†	†	†
Part-time.....	44,925	11,878	33,047	44,925	11,878	33,047	†	†	†

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared September 2012.)

**Table 229. Total fall enrollment in degree-granting institutions, by level of enrollment, sex of student, level and control of institution, and attendance status of student: 2010**

Level and control of institution and attendance status of student	Total			Undergraduate			Postbaccalaureate		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
<b>Total</b> .....	<b>21,016,126</b>	<b>9,044,811</b>	<b>11,971,315</b>	<b>18,078,672</b>	<b>7,835,163</b>	<b>10,243,509</b>	<b>2,937,454</b>	<b>1,209,648</b>	<b>1,727,806</b>
Full-time.....	13,082,267	5,837,057	7,245,210	11,451,568	5,117,497	6,334,071	1,630,699	719,560	911,139
Part-time.....	7,933,859	3,207,754	4,726,105	6,627,104	2,717,666	3,909,438	1,306,755	490,088	816,667
<b>4-year</b> .....	<b>13,335,251</b>	<b>5,779,685</b>	<b>7,555,566</b>	<b>10,397,797</b>	<b>4,570,037</b>	<b>5,827,760</b>	<b>2,937,454</b>	<b>1,209,648</b>	<b>1,727,806</b>
Full-time.....	9,717,074	4,353,627	5,363,447	8,086,375	3,634,067	4,452,308	1,630,699	719,560	911,139
Part-time.....	3,618,177	1,426,058	2,192,119	2,311,422	935,970	1,375,452	1,306,755	490,088	816,667
<b>2-year</b> .....	<b>7,680,875</b>	<b>3,265,126</b>	<b>4,415,749</b>	<b>7,680,875</b>	<b>3,265,126</b>	<b>4,415,749</b>	†	†	†
Full-time.....	3,365,193	1,483,430	1,881,763	3,365,193	1,483,430	1,881,763	†	†	†
Part-time.....	4,315,682	1,781,696	2,533,986	4,315,682	1,781,696	2,533,986	†	†	†
<b>Public</b> .....	<b>15,142,809</b>	<b>6,679,537</b>	<b>8,463,272</b>	<b>13,704,290</b>	<b>6,076,131</b>	<b>7,628,159</b>	<b>1,438,519</b>	<b>603,406</b>	<b>835,113</b>
Full-time.....	8,763,850	4,049,593	4,714,257	7,995,529	3,697,184	4,298,345	768,321	352,409	415,912
Part-time.....	6,378,959	2,629,944	3,749,015	5,708,761	2,378,947	3,329,814	670,198	250,997	419,201
Public 4-year.....	7,924,771	3,568,544	4,356,227	6,486,252	2,965,138	3,521,114	1,438,519	603,406	835,113
Full-time.....	5,811,370	2,707,453	3,103,917	5,043,049	2,355,044	2,688,005	768,321	352,409	415,912
Part-time.....	2,113,401	861,091	1,252,310	1,443,203	610,094	833,109	670,198	250,997	419,201
Public 2-year.....	7,218,038	3,110,993	4,107,045	7,218,038	3,110,993	4,107,045	†	†	†
Full-time.....	2,952,480	1,342,140	1,610,340	2,952,480	1,342,140	1,610,340	†	†	†
Part-time.....	4,265,558	1,768,853	2,496,705	4,265,558	1,768,853	2,496,705	†	†	†
<b>Private</b> .....	<b>5,873,317</b>	<b>2,365,274</b>	<b>3,508,043</b>	<b>4,374,382</b>	<b>1,759,032</b>	<b>2,615,350</b>	<b>1,498,935</b>	<b>606,242</b>	<b>892,693</b>
Full-time.....	4,318,417	1,787,464	2,530,953	3,456,039	1,420,313	2,035,726	862,378	367,151	495,227
Part-time.....	1,554,900	577,810	977,090	918,343	338,719	579,624	636,557	239,091	397,466
Private 4-year.....	5,410,480	2,211,141	3,199,339	3,911,545	1,604,899	2,306,646	1,498,935	606,242	892,693
Full-time.....	3,905,704	1,646,174	2,259,530	3,043,326	1,279,023	1,764,303	862,378	367,151	495,227
Part-time.....	1,504,776	564,967	939,809	868,219	325,876	542,343	636,557	239,091	397,466
Private 2-year.....	462,837	154,133	308,704	462,837	154,133	308,704	†	†	†
Full-time.....	412,713	141,290	271,423	412,713	141,290	271,423	†	†	†
Part-time.....	50,124	12,843	37,281	50,124	12,843	37,281	†	†	†
Nonprofit.....	3,854,920	1,639,068	2,215,852	2,653,404	1,130,465	1,522,939	1,201,516	508,603	692,913
Full-time.....	2,888,518	1,269,837	1,618,681	2,197,385	957,749	1,239,636	691,133	312,088	379,045
Part-time.....	966,402	369,231	597,171	456,019	172,716	283,303	510,383	196,515	313,868
Nonprofit 4-year.....	3,822,260	1,626,564	2,195,696	2,620,744	1,117,961	1,502,783	1,201,516	508,603	692,913
Full-time.....	2,865,417	1,259,919	1,605,498	2,174,284	947,831	1,226,453	691,133	312,088	379,045
Part-time.....	956,843	366,645	590,198	446,460	170,130	276,330	510,383	196,515	313,868
Nonprofit 2-year.....	32,660	12,504	20,156	32,660	12,504	20,156	†	†	†
Full-time.....	23,101	9,918	13,183	23,101	9,918	13,183	†	†	†
Part-time.....	9,559	2,586	6,973	9,559	2,586	6,973	†	†	†
For-profit.....	2,018,397	726,206	1,292,191	1,720,978	628,567	1,092,411	297,419	97,639	199,780
Full-time.....	1,429,899	517,627	912,272	1,258,654	462,564	796,090	171,245	55,063	116,182
Part-time.....	588,498	208,579	379,919	462,324	166,003	296,321	126,174	42,576	83,598
For-profit 4-year.....	1,588,220	584,577	1,003,643	1,290,801	486,938	803,863	297,419	97,639	199,780
Full-time.....	1,040,287	386,255	654,032	869,042	331,192	537,850	171,245	55,063	116,182
Part-time.....	547,933	198,322	349,611	421,759	155,746	266,013	126,174	42,576	83,598
For-profit 2-year.....	430,177	141,629	288,548	430,177	141,629	288,548	†	†	†
Full-time.....	389,612	131,372	258,240	389,612	131,372	258,240	†	†	†
Part-time.....	40,565	10,257	30,308	40,565	10,257	30,308	†	†	†

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component. (This table was prepared September 2011.)



**Table 231. Fall enrollment and number of degree-granting institutions, by control and religious affiliation of institution: Selected years, 1980 through 2011**

Control and religious affiliation of institution	Total enrollment						Enrollment, fall 2011					Number of institutions <sup>1</sup>				
	Fall 1980	Fall 1990	Fall 2000	Fall 2008	Fall 2009	Fall 2010	Total	Full-time		Part-time		Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2011
								Males	Females	Males	Females					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All institutions .....</b>	<b>12,096,895</b>	<b>13,818,637</b>	<b>15,312,289</b>	<b>19,102,814</b>	<b>20,427,711</b>	<b>21,016,126</b>	<b>20,994,113</b>	<b>5,793,411</b>	<b>7,208,046</b>	<b>3,233,088</b>	<b>4,759,568</b>	<b>3,226</b>	<b>3,501</b>	<b>4,056</b>	<b>4,589</b>	<b>4,703</b>
Public institutions .....	9,457,394	10,844,717	11,752,786	13,972,153	14,810,642	15,142,809	15,110,196	4,001,784	4,663,956	2,654,452	3,790,004	1,493	1,548	1,676	1,652	1,649
Federal .....	50,989	50,669	16,917	20,441	21,722	21,622	21,304	14,193	5,299	585	1,227	12	17	12	14	14
State .....	( <sup>2</sup> )	7,181,380	9,548,090	11,452,186	12,104,170	12,366,422	12,346,172	3,469,703	4,057,293	1,978,849	2,840,327	( <sup>2</sup> )	978	1,355	1,331	1,331
Local .....	( <sup>2</sup> )	3,508,941	2,078,090	2,302,730	2,478,076	2,541,036	2,526,884	462,549	535,721	637,567	891,047	( <sup>2</sup> )	523	277	261	261
Other public .....	9,406,405	103,727	109,689	196,796	206,674	213,729	215,836	55,339	65,643	37,451	57,403	1,481	30	32	46	43
Private institutions .....	2,639,501	2,973,920	3,559,503	5,130,661	5,617,069	5,873,317	5,883,917	1,791,627	2,544,090	578,636	969,564	1,733	1,953	2,380	2,937	3,054
Independent nonprofit .....	1,521,614	1,474,818	1,577,242	1,888,905	1,953,136	1,995,440	2,054,854	692,727	843,709	205,578	312,840	795	709	729	736	767
For-profit .....	111,714	213,693	450,084	1,469,142	1,851,986	2,018,397	1,956,731	504,325	893,573	200,778	358,045	164	322	724	1,310	1,403
Religiously affiliated <sup>3</sup> .....	1,006,173	1,285,409	1,532,177	1,772,614	1,811,947	1,859,480	1,872,332	594,575	806,808	172,270	298,679	774	922	927	891	884
Advent Christian Church .....	143	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
African Methodist Episcopal Zion Church .....	1,091	88	34	1,366	1,485	1,536	1,537	792	686	28	31	3	1	1	3	3
African Methodist Episcopal .....	4,541	3,220	5,980	2,880	2,677	2,674	2,355	1,037	1,192	57	69	6	5	6	5	5
American Baptist .....	6,131	10,800	15,410	14,441	14,716	15,120	15,027	3,836	5,631	1,693	3,867	11	15	17	18	19
American Evangelical Lutheran Church .....	—	—	743	1,432	1,387	1,340	1,415	656	653	48	58	—	—	1	1	1
American Lutheran and Lutheran Church in America .....	3,092	—	1,460	—	—	—	—	—	—	—	—	3	—	1	—	—
American Lutheran .....	21,608	—	—	—	—	—	—	—	—	—	—	13	—	—	—	—
Assemblies of God Church .....	7,814	8,307	14,272	15,080	15,137	15,806	15,451	5,383	6,528	1,649	1,891	10	11	14	16	15
Baptist .....	38,231	99,510	107,610	153,525	165,848	174,481	172,946	49,824	65,097	23,855	34,170	33	69	68	69	68
Brethren Church .....	3,925	958	2,088	7,954	8,191	8,449	7,766	2,278	2,883	1,226	1,379	3	3	3	3	3
Brethren in Christ Church .....	1,301	2,239	2,797	—	—	—	—	—	—	—	—	1	1	1	—	—
Christian and Missionary Alliance Church .....	1,705	2,519	5,278	6,316	6,331	6,465	6,536	2,066	2,901	623	946	3	4	4	4	4
Christian Church (Disciples of Christ) .....	14,913	30,397	35,984	47,693	50,064	52,839	54,401	15,279	23,300	6,059	9,763	12	18	16	18	18
Christian Churches and Churches of Christ ..	1,342	2,263	7,277	9,005	9,263	10,128	10,483	4,232	4,218	1,076	957	7	8	18	18	18
Christian Methodist Episcopal .....	2,486	2,174	1,502	4,503	4,901	4,817	4,514	2,213	2,124	82	95	4	4	1	3	3
Christian Reformed Church .....	5,408	4,488	5,999	5,808	5,665	5,625	5,647	2,675	2,674	151	147	3	2	3	3	3
Church of Christ (Scientist) .....	2,773	2,557	—	—	—	—	—	—	—	—	—	6	8	—	—	—
Church of God of Prophecy .....	—	249	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Church of God .....	6,082	5,627	12,540	15,977	15,117	16,731	17,093	4,947	7,727	1,881	2,538	9	9	7	7	7
Church of New Jerusalem .....	170	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Church of the Brethren .....	8,482	4,463	4,187	5,620	5,861	6,154	6,028	2,314	3,096	235	383	6	5	4	5	5
Church of the Nazarene .....	11,716	10,779	16,661	20,863	21,389	21,144	20,866	6,440	9,976	1,761	2,689	10	9	12	10	10
Churches of Christ .....	9,343	14,611	30,140	34,368	34,996	35,538	36,450	11,931	14,894	3,418	6,207	9	19	19	17	17
Cumberland Presbyterian .....	594	746	1,112	2,688	3,247	4,652	5,744	2,309	2,650	303	482	2	2	2	2	2
Evangelical Congregational Church .....	80	88	148	158	159	153	125	28	14	50	33	1	1	1	1	1
Evangelical Covenant Church of America .....	1,401	1,035	2,387	3,244	3,186	3,233	3,220	774	1,174	400	872	1	1	1	1	1
Evangelical Free Church of America .....	833	2,355	4,022	3,021	3,106	2,926	3,215	847	667	951	750	1	2	3	2	2
Evangelical Lutheran Church .....	743	49,210	49,085	55,251	56,088	56,162	55,889	22,137	28,329	2,140	3,283	3	33	34	33	33
Free Methodist .....	5,543	5,902	7,323	11,774	12,090	12,270	12,412	3,323	6,132	859	2,098	5	3	4	5	5
Free Will Baptist Church .....	1,132	1,177	2,378	3,989	4,143	4,383	4,359	823	1,270	716	1,550	4	3	4	4	4
Friends United Meeting .....	1,109	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Friends .....	5,157	5,844	10,898	13,285	13,786	13,876	13,570	4,722	5,852	1,162	1,834	5	6	8	7	7
General Conference Mennonite Church .....	820	1,243	1,059	—	—	—	—	—	—	—	—	2	2	1	—	—
Greek Orthodox .....	204	148	132	190	203	220	222	168	51	3	0	1	1	1	1	1
Interdenominational .....	1,254	11,103	9,788	23,161	23,060	30,162	34,475	11,598	13,710	4,363	4,804	4	17	14	30	31

See notes at end of table.

**Table 231. Fall enrollment and number of degree-granting institutions, by control and religious affiliation of institution: Selected years, 1980 through 2011—Continued**

Control and religious affiliation of institution	Total enrollment						Enrollment, fall 2011				Number of institutions <sup>1</sup>					
	Fall 1980	Fall 1990	Fall 2000	Fall 2008	Fall 2009	Fall 2010	Total	Full-time		Part-time						
								Males	Females	Males	Females	Fall 1980	Fall 1990	Fall 2000	Fall 2010	Fall 2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Jewish .....	5,738	12,217	14,182	8,861	8,468	12,755	14,716	9,052	3,356	694	1,614	24	63	62	36	35
Latter-Day Saints .....	39,172	42,274	44,680	52,321	53,249	53,514	57,150	23,527	24,387	4,322	4,914	4	4	4	4	4
Lutheran Church—Missouri Synod .....	11,727	13,827	18,866	24,280	26,384	28,255	29,288	7,071	10,479	3,623	8,115	15	14	13	12	12
Lutheran Church in America .....	23,877	5,796	4,322	8,245	8,264	8,240	8,111	3,165	4,118	275	553	20	5	2	3	3
Mennonite Brethren Church .....	1,344	1,864	2,390	3,192	3,426	4,136	4,302	1,222	2,016	327	737	3	3	3	3	2
Mennonite Church .....	4,008	2,859	3,553	4,126	4,325	4,263	4,366	1,512	1,963	310	581	6	5	5	6	6
Missionary Church Inc. ....	487	699	1,647	2,075	2,165	2,152	2,074	560	946	174	394	1	1	1	1	1
Moravian Church .....	2,434	2,511	2,939	2,979	3,042	3,095	3,132	677	1,688	146	621	2	2	2	2	2
Multiple Protestant denominations .....	5,526	211	4,690	5,014	5,341	5,350	5,400	1,310	1,526	1,621	943	8	1	7	6	6
North American Baptist .....	155	—	124	117	125	120	141	42	28	39	32	1	—	1	1	1
Pentecostal Holiness Church .....	767	566	976	1,057	1,124	1,272	1,504	573	629	129	173	3	3	2	3	3
Presbyterian U.S.A. and United Presbyterian .....	47,144	77,700	78,950	82,508	84,691	85,692	86,441	31,747	43,928	3,410	7,356	57	70	64	58	59
Presbyterian Church in America .....	—	1,877	4,499	2,166	2,174	2,071	1,792	747	632	273	140	—	1	5	2	2
Protestant Episcopal .....	5,396	4,559	5,479	4,921	5,036	5,006	4,604	2,087	2,211	136	170	12	9	12	11	9
Protestant, other .....	4,072	38,136	30,116	15,803	16,207	13,361	14,628	4,803	5,536	2,072	2,217	11	44	34	22	23
Reformed Church in America .....	2,713	5,525	6,002	6,472	6,514	6,555	6,501	2,530	3,529	215	227	4	4	5	5	5
Reformed Episcopal Church .....	67	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Reformed Presbyterian Church .....	2,014	1,556	2,355	2,901	2,949	2,982	2,866	1,172	1,214	266	214	4	2	2	3	3
Reorganized Latter-Day Saints Church .....	4,274	4,793	3,390	—	—	—	—	—	—	—	—	2	1	2	—	—
Roman Catholic .....	422,842	530,585	636,336	727,894	735,713	751,089	749,877	219,410	323,311	68,330	138,826	229	239	239	237	234
Russian Orthodox .....	47	38	106	88	79	60	53	39	3	8	3	1	1	1	1	1
Seventh-Day Adventists .....	19,168	15,771	19,223	23,880	24,818	25,430	25,751	8,146	11,104	2,306	4,195	11	11	13	14	13
Southern Baptist .....	85,281	49,493	54,275	45,026	46,689	49,882	51,832	14,275	20,011	7,127	10,419	54	29	32	22	22
Nondenominational .....	—	6,758	23,573	27,872	27,071	27,745	29,650	8,482	11,167	4,705	5,296	—	14	16	16	19
Unitarian Universalist .....	87	82	132	138	171	166	190	38	58	37	57	2	2	2	2	2
United Brethren Church .....	545	601	938	1,230	1,270	1,260	1,260	449	613	99	99	1	1	1	1	1
United Church of Christ .....	14,169	20,175	23,709	26,878	27,507	20,528	17,724	5,198	6,877	1,825	3,824	16	18	18	17	15
United Methodist .....	127,099	148,851	171,109	198,669	202,913	206,744	206,268	74,383	95,570	13,294	23,021	91	96	100	96	95
Wesleyan Church .....	3,583	5,311	11,128	20,568	20,492	20,670	20,577	6,499	11,621	907	1,550	5	4	4	6	6
Wisconsin Evangelical Lutheran Synod .....	808	931	1,660	1,595	1,603	1,677	1,799	743	862	112	82	1	3	2	2	2
Other religiously affiliated .....	462	5,743	2,534	8,146	8,041	8,526	8,589	2,484	3,996	699	1,410	1	9	4	13	12

—Not available.

<sup>1</sup>Counts of institutions in this table may be lower than reported in other tables, because counts in this table include only institutions reporting separate enrollment data.

<sup>2</sup>Included under "Other public."

<sup>3</sup>Religious affiliation as reported by institution.

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and

excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Institutional Characteristics" surveys, 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90) and "Institutional Characteristics Survey" (IPEDS-IC:90); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared September 2012.)











**Table 236. Percentage of recent high school completers enrolled in 2-year and 4-year colleges, by income level: 1975 through 2011**  
[Standard errors appear in parentheses]

Year	Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup> (annual data)				3-year moving averages <sup>3</sup>					
					Percent of recent high school completers <sup>1</sup> enrolled in college <sup>2</sup>				Difference between percent enrolled	
	Total	Low income	Middle income	High income	Total	Low income	Middle income	High income	High-low income	High-middle income
1	2	3	4	5	6	7	8	9	10	11
1975.....	50.7 (1.26)	31.2 (3.59)	46.2 (1.69)	64.5 (2.09)	49.1 (0.74)	34.7 (2.74)	43.5 (1.22)	63.7 (1.47)	29.0 (3.11)	20.2 (1.91)
1976.....	48.8 (1.31)	39.1 (4.20)	40.5 (1.76)	63.0 (2.06)	50.1 (0.74)	32.3 (2.17)	43.8 (1.00)	64.6 (1.18)	32.3 (2.47)	20.8 (1.55)
1977.....	50.6 (1.29)	27.7 (3.54)	44.2 (1.76)	66.3 (2.01)	49.9 (0.75)	32.4 (2.22)	43.1 (1.02)	64.4 (1.18)	32.1 (2.51)	21.4 (1.56)
1978.....	50.1 (1.28)	31.4 (3.74)	44.3 (1.74)	64.0 (2.05)	50.0 (0.74)	29.8 (2.13)	43.9 (1.01)	64.5 (1.17)	34.6 (2.43)	20.5 (1.55)
1979.....	49.3 (1.28)	30.5 (3.78)	43.2 (1.74)	63.2 (2.04)	49.6 (0.74)	31.6 (2.11)	43.4 (1.01)	64.1 (1.19)	32.6 (2.42)	20.8 (1.56)
1980.....	49.3 (1.30)	32.5 (3.47)	42.5 (1.78)	65.2 (2.08)	50.8 (0.75)	32.2 (2.14)	45.0 (1.02)	65.3 (1.20)	33.0 (2.45)	20.2 (1.57)
1981.....	53.9 (1.30)	33.6 (3.90)	49.2 (1.75)	67.6 (2.09)	51.3 (0.75)	32.9 (2.11)	44.5 (1.01)	67.9 (1.19)	34.9 (2.42)	23.4 (1.57)
1982.....	50.6 (1.36)	32.8 (3.81)	41.7 (1.81)	70.9 (2.13)	52.4 (0.79)	33.6 (2.29)	45.4 (1.06)	69.6 (1.25)	36.0 (2.61)	24.2 (1.64)
1983.....	52.7 (1.39)	34.6 (4.02)	45.2 (1.88)	70.3 (2.17)	52.8 (0.79)	34.0 (2.20)	45.1 (1.08)	71.7 (1.23)	37.8 (2.52)	26.7 (1.63)
1984.....	55.2 (1.37)	34.5 (3.62)	48.4 (1.89)	74.0 (2.09)	55.1 (0.81)	36.3 (2.26)	48.0 (1.11)	72.9 (1.24)	36.6 (2.58)	24.9 (1.66)
1985.....	57.7 (1.45)	40.2 (4.14)	50.6 (2.02)	74.6 (2.16)	55.5 (0.82)	35.9 (2.18)	49.1 (1.13)	73.2 (1.26)	37.3 (2.51)	24.1 (1.69)
1986.....	53.8 (1.43)	33.9 (3.59)	48.5 (1.97)	71.0 (2.28)	56.1 (0.84)	36.8 (2.23)	49.6 (1.17)	73.2 (1.27)	36.4 (2.57)	23.5 (1.72)
1987.....	56.8 (1.46)	36.9 (3.88)	50.0 (2.07)	73.8 (2.16)	56.5 (0.83)	37.6 (2.21)	51.1 (1.16)	72.6 (1.30)	35.0 (2.57)	21.5 (1.74)
1988.....	58.9 (1.57)	42.5 (4.39)	54.7 (2.14)	72.8 (2.52)	58.4 (0.92)	42.4 (2.54)	53.4 (1.28)	72.5 (1.44)	30.2 (2.92)	19.1 (1.93)
1989.....	59.6 (1.64)	48.1 (4.56)	55.4 (2.28)	70.7 (2.61)	59.5 (0.94)	45.6 (2.66)	54.9 (1.28)	73.2 (1.50)	27.6 (3.06)	18.4 (1.97)
1990.....	60.1 (1.60)	46.7 (4.76)	54.4 (2.14)	76.6 (2.54)	60.7 (0.92)	44.8 (2.63)	56.0 (1.27)	75.0 (1.44)	30.2 (3.00)	19.0 (1.92)
1991.....	62.5 (1.62)	39.5 (4.50)	58.4 (2.25)	78.2 (2.39)	61.5 (0.92)	42.2 (2.62)	56.5 (1.26)	78.0 (1.40)	35.8 (2.97)	21.4 (1.88)
1992.....	61.9 (1.58)	40.9 (4.37)	57.0 (2.18)	79.0 (2.35)	62.3 (0.92)	43.6 (2.60)	57.4 (1.26)	78.8 (1.38)	35.3 (2.94)	21.4 (1.87)
1993.....	62.6 (1.59)	50.4 (4.56)	56.9 (2.15)	79.3 (2.46)	62.1 (0.91)	44.7 (2.55)	57.3 (1.23)	78.7 (1.39)	34.0 (2.90)	21.5 (1.86)
1994.....	61.9 (1.43)	43.3 (3.96)	57.8 (1.94)	77.9 (2.22)	62.1 (0.83)	42.0 (2.27)	57.0 (1.14)	80.4 (1.22)	38.4 (2.57)	23.4 (1.67)
1995.....	61.9 (1.41)	34.2 (3.56)	56.0 (2.00)	83.5 (1.86)	63.0 (0.81)	42.1 (2.16)	58.9 (1.12)	79.9 (1.20)	37.8 (2.47)	21.0 (1.64)
1996.....	65.0 (1.42)	48.6 (3.78)	62.7 (1.95)	78.0 (2.27)	64.7 (0.82)	47.1 (2.18)	59.9 (1.16)	81.3 (1.19)	34.3 (2.49)	21.4 (1.66)
1997.....	67.0 (1.38)	57.0 (3.66)	60.7 (1.97)	82.2 (1.98)	65.9 (0.80)	50.6 (2.14)	62.7 (1.12)	79.3 (1.24)	28.7 (2.47)	16.6 (1.67)
1998.....	65.6 (1.38)	46.4 (3.62)	64.7 (1.89)	77.5 (2.21)	65.2 (0.80)	50.3 (2.14)	61.9 (1.10)	78.4 (1.24)	28.1 (2.47)	16.6 (1.66)
1999.....	62.9 (1.38)	47.6 (3.77)	60.2 (1.87)	75.4 (2.26)	64.0 (0.80)	47.9 (2.13)	61.5 (1.10)	76.6 (1.29)	28.7 (2.49)	15.1 (1.70)
2000.....	63.3 (1.41)	49.7 (3.67)	59.5 (1.97)	76.9 (2.22)	62.7 (0.82)	47.1 (2.17)	58.8 (1.14)	77.4 (1.29)	30.3 (2.52)	18.6 (1.72)
2001.....	61.8 (1.48)	43.8 (3.81)	56.4 (2.07)	80.0 (2.19)	63.5 (0.82)	49.9 (2.19)	59.1 (1.14)	78.3 (1.28)	28.4 (2.53)	19.3 (1.71)
2002.....	65.2 (1.31)	56.3 (3.64)	60.9 (1.78)	78.2 (2.12)	63.7 (0.78)	50.9 (2.14)	58.4 (1.08)	79.5 (1.20)	28.6 (2.45)	21.0 (1.61)
2003.....	63.9 (1.35)	52.8 (3.83)	57.6 (1.87)	80.1 (2.02)	65.3 (0.77)	52.5 (2.20)	60.6 (1.05)	79.5 (1.18)	27.0 (2.49)	18.9 (1.58)
2004.....	66.7 (1.31)	47.8 (3.95)	63.3 (1.79)	80.1 (1.98)	66.4 (0.77)	51.4 (2.24)	62.0 (1.05)	80.5 (1.15)	29.0 (2.52)	18.5 (1.56)
2005.....	68.6 (1.31)	53.5 (3.86)	65.1 (1.81)	81.2 (1.98)	67.1 (0.76)	50.8 (2.26)	63.3 (1.04)	80.7 (1.15)	29.9 (2.53)	17.4 (1.55)
2006.....	66.0 (1.33)	50.9 (3.92)	61.4 (1.82)	80.7 (2.01)	67.2 (0.75)	54.5 (2.18)	63.3 (1.03)	80.0 (1.15)	25.5 (2.47)	16.7 (1.55)
2007.....	67.2 (1.26)	58.4 (3.57)	63.3 (1.73)	78.2 (2.01)	67.3 (0.73)	55.3 (2.11)	63.5 (0.99)	80.2 (1.14)	24.9 (2.40)	16.8 (1.51)
2008.....	68.6 (1.21)	55.9 (3.50)	65.2 (1.62)	81.9 (1.90)	68.6 (0.71)	56.1 (2.08)	65.1 (0.96)	81.4 (1.11)	25.3 (2.36)	16.2 (1.47)
2009.....	70.1 (1.23)	53.9 (3.75)	66.7 (1.66)	84.2 (1.84)	68.9 (0.70)	53.3 (2.02)	66.2 (0.94)	82.8 (1.10)	29.5 (2.30)	16.6 (1.44)
2010 <sup>4</sup> .....	68.1 (1.49)	50.7 (3.88)	66.7 (1.59)	82.2 (2.34)	68.8 (0.71)	52.6 (1.97)	66.5 (0.94)	83.0 (1.12)	30.4 (2.27)	16.4 (1.46)
2011 <sup>4</sup> .....	68.2 (1.45)	53.5 (4.25)	66.2 (1.63)	82.4 (2.46)	68.2 (1.02)	52.1 (2.75)	66.5 (1.37)	82.3 (1.66)	30.2 (3.22)	15.8 (2.15)

<sup>1</sup>Individuals ages 16 to 24 who graduated from high school or completed a GED during the preceding 12 months.

<sup>2</sup>Enrollment in college as of October of each year for individuals ages 16 to 24 who completed high school during the preceding 12 months.

<sup>3</sup>A 3-year moving average is an arithmetic average of the year indicated, the year immediately preceding, and the year immediately following. For 1975 and 2011, a 2-year moving average is used: The moving average for 1975 reflects an average of 1975 and 1976, and the moving average for 2011 reflects an average of 2010 and 2011. Moving averages are used to produce more stable estimates.

<sup>4</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years.

NOTE: Low income refers to the bottom 20 percent of all family incomes, high income refers to the top 20 percent of all family incomes, and middle income refers to the 60 percent in between.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1975 through 2011. (This table was prepared June 2012.)

**Table 237. Graduation rates of previous year's 12th-graders and college attendance rates of those who graduated, by selected high school characteristics: 1999–2000, 2003–04, and 2007–08**  
[Standard errors appear in parentheses]

Selected high school characteristic	For 1998–99 school year		College attendance rate of 1998–99 graduates in 1999–2000			For 2002–03 school year		College attendance rate of 2002–03 graduates in 2003–04			For 2006–07 school year		College attendance rate of 2006–07 graduates in 2007–08 at 4-year institutions
	Number of high schools with 12th-graders	Graduation rate of 12th-graders <sup>1</sup>	Total	4-year institutions	2-year institutions	Number of high schools with 12th-graders	Graduation rate of 12th-graders <sup>1</sup>	Total	4-year institutions	2-year institutions	Number of high schools with 12th-graders	Graduation rate of 12th-graders <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Public high schools.....</b>	<b>20,000 (230)</b>	<b>87.7 (0.67)</b>	<b>57.4 (0.50)</b>	<b>35.4 (0.43)</b>	<b>22.0 (0.34)</b>	<b>22,500 (400)</b>	<b>85.5 (0.77)</b>	<b>61.8 (0.94)</b>	<b>35.0 (0.61)</b>	<b>26.7 (0.58)</b>	<b>24,100 (540)</b>	<b>81.2 (1.34)</b>	<b>39.5 (0.91)</b>
Percent of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or two or more races													
Less than 5 percent.....	6,400 (170)	94.2 (0.79)	63.2 (0.73)	41.3 (0.67)	21.9 (0.59)	6,100 (220)	95.4 (0.41)	68.8 (0.87)	42.6 (0.96)	26.3 (0.64)	5,200 (270)	90.7 (1.23)	46.8 (1.54)
5 to 19 percent.....	4,800 (180)	89.1 (1.13)	58.7 (1.11)	36.6 (0.88)	22.1 (0.69)	5,200 (270)	87.8 (1.81)	63.9 (2.41)	38.0 (1.77)	26.0 (1.10)	5,400 (320)	89.9 (1.53)	48.4 (2.06)
20 to 49 percent.....	4,000 (170)	81.7 (2.02)	54.0 (1.16)	32.5 (0.92)	21.5 (0.70)	4,700 (180)	84.8 (1.68)	61.4 (1.44)	34.1 (1.27)	27.3 (0.94)	6,200 (440)	77.2 (2.85)	35.0 (1.89)
50 percent or more.....	4,800 (150)	82.5 (1.26)	51.1 (0.96)	28.7 (0.89)	22.3 (0.69)	6,500 (280)	74.8 (2.34)	53.2 (2.52)	25.8 (1.43)	27.4 (1.54)	7,300 (430)	71.4 (2.76)	30.8 (2.00)
Percent of students approved for free or reduced-price lunch													
School does not participate.....	2,400 (130)	80.1 (2.15)	49.7 (2.32)	30.0 (1.75)	19.7 (1.49)	2,400 (230)	71.2 (2.41)	51.4 (2.83)	23.2 (2.26)	28.1 (1.81)	2,800 (320)	66.7 (3.78)	25.4 (4.12)
0 to 25 percent.....	8,600 (180)	92.2 (0.55)	65.1 (0.74)	42.6 (0.67)	22.5 (0.44)	6,800 (230)	92.9 (0.59)	73.6 (0.59)	46.9 (0.78)	26.7 (0.65)	6,700 (360)	91.1 (1.24)	52.1 (1.63)
26 to 50 percent.....	4,800 (160)	87.3 (1.49)	57.5 (0.92)	33.4 (0.81)	24.1 (0.63)	6,700 (220)	89.4 (1.19)	64.2 (0.96)	36.7 (1.08)	27.5 (0.74)	7,300 (350)	86.7 (1.54)	41.5 (1.44)
51 to 75 percent.....	2,300 (140)	85.9 (2.81)	48.0 (2.18)	29.1 (1.57)	18.9 (0.92)	4,000 (270)	83.8 (2.25)	55.3 (2.76)	27.3 (1.58)	28.1 (1.58)	4,100 (290)	79.0 (3.56)	33.2 (1.91)
76 to 100 percent.....	2,000 (100)	79.4 (2.35)	43.0 (1.91)	22.2 (1.35)	20.7 (1.61)	2,600 (260)	72.0 (4.90)	42.3 (4.49)	20.7 (2.79)	21.6 (2.22)	3,300 (360)	63.7 (5.55)	26.0 (2.93)
School locale													
City.....	— (†)	— (†)	— (†)	— (†)	— (†)	4,500 (240)	77.1 (1.80)	59.5 (2.00)	32.5 (1.61)	27.0 (1.28)	4,800 (300)	71.6 (2.81)	36.1 (2.73)
Suburb.....	— (†)	— (†)	— (†)	— (†)	— (†)	4,800 (200)	83.6 (1.40)	67.4 (1.39)	40.3 (1.11)	27.1 (1.01)	5,400 (360)	80.8 (3.25)	41.2 (2.35)
Town.....	— (†)	— (†)	— (†)	— (†)	— (†)	3,700 (200)	82.6 (3.24)	57.7 (1.94)	31.1 (1.65)	26.6 (0.97)	3,900 (310)	80.2 (2.61)	35.2 (2.28)
Rural.....	— (†)	— (†)	— (†)	— (†)	— (†)	9,500 (390)	91.6 (0.97)	61.6 (1.92)	35.2 (1.28)	26.5 (0.99)	10,000 (460)	86.4 (1.70)	41.9 (1.47)
<b>Private high schools.....</b>	<b>7,600 (240)</b>	<b>97.4 (0.55)</b>	<b>71.6 (1.90)</b>	<b>55.6 (1.74)</b>	<b>16.1 (1.00)</b>	<b>8,200 (260)</b>	<b>94.2 (0.86)</b>	<b>76.6 (1.58)</b>	<b>56.2 (1.77)</b>	<b>20.3 (1.30)</b>	<b>8,900 (280)</b>	<b>93.8 (0.91)</b>	<b>66.5 (1.57)</b>
Percent of students who are Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, or two or more races													
Less than 5 percent.....	2,700 (150)	95.5 (1.53)	67.9 (3.17)	53.3 (2.85)	14.7 (1.61)	2,500 (180)	95.6 (1.59)	73.2 (3.03)	54.4 (3.31)	18.7 (2.14)	2,100 (160)	96.4 (1.19)	68.2 (3.81)
5 to 19 percent.....	2,500 (130)	99.1 (0.44)	82.3 (1.68)	63.6 (2.37)	18.7 (2.01)	2,900 (170)	95.2 (1.40)	84.7 (1.82)	64.2 (2.71)	20.5 (2.10)	3,500 (200)	95.6 (1.60)	70.3 (2.24)
20 to 49 percent.....	1,400 (100)	98.5 (0.59)	70.5 (3.90)	55.3 (3.29)	15.2 (2.24)	1,700 (140)	90.8 (2.36)	75.8 (4.16)	56.7 (3.70)	19.1 (2.52)	2,000 (190)	91.5 (2.13)	58.7 (3.39)
50 percent or more.....	1,000 (110)	97.0 (1.53)	55.9 (6.56)	41.6 (5.34)	14.3 (2.28)	1,100 (140)	93.6 (1.97)	63.7 (6.03)	38.3 (4.52)	25.4 (4.47)	1,400 (130)	88.6 (2.71)	65.3 (3.37)
Percent of students approved for free or reduced-price lunch													
School does not participate.....	6,700 (230)	97.9 (0.47)	73.8 (1.73)	57.0 (1.74)	16.8 (1.03)	7,100 (250)	95.3 (0.86)	76.7 (1.76)	56.2 (2.00)	20.5 (1.51)	7,300 (280)	95.7 (0.66)	68.3 (1.77)
0 to 25 percent.....	700 (70)	98.8 (0.74)	64.9 (6.49)	53.8 (5.69)	11.0 (1.40)	600 (80)	95.0 (3.62)	84.7 (4.28)	66.2 (4.35)	18.5 (2.39)	700 (100)	91.4 (7.18)	73.2 (4.64)
26 to 100 percent.....	† (†)	† (†)	† (†)	† (†)	† (†)	400 (80)	75.1 (7.62)	59.1 (8.13)	38.9 (6.70)	20.2 (4.34)	1,000 (130)	80.8 (4.70)	46.7 (6.86)
School locale													
City.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	3,100 (170)	94.4 (1.52)	71.8 (2.62)
Suburb.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	2,800 (180)	93.0 (1.52)	67.0 (2.99)
Town.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	1,000 (150)	95.7 (2.12)	63.8 (5.02)
Rural.....	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	2,000 (190)	92.9 (2.88)	58.9 (3.54)

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or more.

<sup>1</sup>Includes only students who were enrolled in 12th grade in fall of the school year and graduated with a diploma by the end of the following summer.

NOTE: Data are based on a sample survey and may not be strictly comparable with data reported elsewhere. Includes all schools, including combined schools, with students enrolled in the 12th grade. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Questionnaire," 1999–2000, 2003–04, and 2007–08, "Private School Questionnaire," 1999–2000, 2003–04, and 2007–08, and "Charter School Questionnaire," 1999–2000. (This table was prepared October 2009.)

**Table 238. Estimated rate of 2009–10 high school graduates attending degree-granting institutions, by state: 2010**

State	Number of graduates from high schools located in the state			Number of fall 2010 first-time freshmen graduating from high school in the previous 12 months		Estimated rate of high school graduates going to college	
	Total <sup>1</sup>	Public 2009–10	Private, 2008–09	State residents enrolled in institutions in any state <sup>2</sup>	State residents enrolled in institutions in their home state <sup>3</sup>	In any state	In their home state
1	2	3	4	5	6	7	8
<b>United States .....</b>	<b>3,436,835</b>	<b>3,128,022</b>	<b>308,813</b>	<b>2,158,258<sup>4</sup></b>	<b>1,765,406</b>	<b>62.8</b>	<b>51.4</b>
Alabama .....	48,443	43,166	5,277	31,160	28,165	64.3	58.1
Alaska .....	8,434	8,245	189	3,915	2,390	46.4	28.3
Arizona .....	63,900	61,145	2,755	37,006	33,090	57.9	51.8
Arkansas .....	29,606	28,276	1,330	19,348	17,624	65.4	59.5
California .....	440,240	404,987	35,253	271,669	243,382	61.7	55.3
Colorado .....	52,159	49,321	2,838	31,902	24,171	61.2	46.3
Connecticut .....	40,728	34,495	6,233	32,068	17,724	78.7	43.5
Delaware .....	9,980	8,133	1,847	4,718	2,745	47.3	27.5
District of Columbia <sup>5</sup> .....	4,941	3,602	1,339	2,503	517	50.7	10.5
Florida .....	174,352	156,130	18,222	109,789	97,733	63.0	56.1
Georgia .....	99,883	91,561	8,322	67,659	57,253	67.7	57.3
Hawaii .....	13,657	10,998	2,659	8,683	5,862	63.6	42.9
Idaho .....	18,340	17,793	547	8,273	5,589	45.1	30.5
Illinois .....	154,142	139,035	15,107	90,456	64,307	58.7	41.7
Indiana .....	69,783	64,551	5,232	45,900	40,350	65.8	57.8
Iowa .....	36,711	34,462	2,249	24,442	21,209	66.6	57.8
Kansas .....	33,809	31,642	2,167	21,889	18,627	64.7	55.1
Kentucky .....	46,601	42,664	3,937	29,320	26,191	62.9	56.2
Louisiana .....	44,709	36,573	8,136	28,912	26,094	64.7	58.4
Maine .....	16,431	14,069	2,362	9,234	6,072	56.2	37.0
Maryland .....	68,306	59,078	9,228	43,730	28,253	64.0	41.4
Massachusetts .....	75,092	64,462	10,630	54,966	36,917	73.2	49.2
Michigan .....	119,201	110,682	8,519	73,740	65,840	61.9	55.2
Minnesota .....	63,908	59,667	4,241	45,340	32,751	70.9	51.2
Mississippi .....	28,836	25,478	3,358	22,726	21,098	78.8	73.2
Missouri .....	71,037	63,994	7,043	43,633	36,803	61.4	51.8
Montana .....	10,443	10,075	368	6,320	5,020	60.5	48.1
Nebraska .....	21,374	19,370	2,004	14,858	12,442	69.5	58.2
Nevada .....	21,780	20,956	824	11,280	8,511	51.8	39.1
New Hampshire .....	17,497	15,034	2,463	11,256	6,388	64.3	36.5
New Jersey .....	110,573	96,225	14,348	75,893	44,738	68.6	40.5
New Mexico .....	19,983	18,595	1,388	14,461	12,542	72.4	62.8
New York .....	215,105	183,826	31,279	148,101	119,445	68.9	55.5
North Carolina .....	94,431	88,704	5,727	60,395	53,995	64.0	57.2
North Dakota .....	7,604	7,155	449	5,125	3,841	67.4	50.5
Ohio .....	136,740	123,437	13,303	84,068	71,583	61.5	52.3
Oklahoma .....	40,034	38,503	1,531	24,100	21,735	60.2	54.3
Oregon .....	37,810	34,671	3,139	18,072	13,960	47.8	36.9
Pennsylvania .....	149,845	131,182	18,663	91,298	75,702	60.9	50.5
Rhode Island .....	11,726	9,908	1,818	7,667	4,907	65.4	41.8
South Carolina .....	43,511	40,438	3,073	29,709	26,706	68.3	61.4
South Dakota .....	8,680	8,162	518	6,232	4,774	71.8	55.0
Tennessee .....	68,627	62,408	6,219	42,515	36,038	62.0	52.5
Texas .....	293,797	280,894	12,903	164,980	145,781	56.2	49.6
Utah .....	32,751	31,481	1,270	17,442	15,970	53.3	48.8
Vermont .....	8,366	7,199	1,167	4,478	2,228	53.5	26.6
Virginia .....	88,022	81,511	6,511	56,202	45,599	63.9	51.8
Washington .....	70,497	66,046	4,451	34,030	25,881	48.3	36.7
West Virginia .....	18,390	17,651	739	10,885	9,696	59.2	52.7
Wisconsin .....	70,294	64,687	5,607	42,241	34,196	60.1	48.6
Wyoming <sup>6</sup> .....	5,730	5,695	35	3,459	2,699	60.4	47.1

<sup>1</sup>Total includes public high school graduates for 2009–10 and private high school graduates for 2008–09. Data on private high school graduates are not available for 2009–10.

<sup>2</sup>All U.S. resident students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

<sup>3</sup>Students who attend institutions in their home state. Total includes 272 students attending U.S. Service Academies in their home state, not shown separately.

<sup>4</sup>U.S. total includes some U.S. residents whose home state is unknown.

<sup>5</sup>A percentage of the private high school graduates are not residents of the District of Columbia.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), "NCES Common Core of Data State Dropout and Completion Data File," 2009–10; Private School Universe Survey (PSS), 2009–10; and Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component. (This table was prepared April 2012.)















**Table 244. Total fall enrollment in private degree-granting institutions, by state or jurisdiction: Selected years, 1970 through 2011**

State or jurisdiction	Fall 1970	Fall 1980	Fall 1990	Fall 2000	Fall 2006	Fall 2007	Fall 2008	Fall 2009	Fall 2010	Fall 2011	Percent change, 2006 to 2011
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>2,152,753</b>	<b>2,639,501</b>	<b>2,973,920</b>	<b>3,559,503</b>	<b>4,578,737</b>	<b>4,757,348</b>	<b>5,130,661</b>	<b>5,617,069</b>	<b>5,873,317</b>	<b>5,883,917</b>	<b>28.5</b>
Alabama .....	16,052	20,632	22,650	26,527	27,740	30,551	65,901	51,463	60,244	58,163	109.7
Alaska .....	908	735	2,041	1,394	1,258	1,235	1,550	1,913	1,350	2,774	120.5
Arizona .....	2,304	8,682	15,935	57,968	235,751	291,993	372,935	478,196	428,412	430,870	82.8
Arkansas .....	8,440	11,539	11,780	13,397	15,984	16,643	17,668	18,878	20,115	20,521	28.4
California .....	133,716	191,155	214,030	328,937	387,209	393,435	412,754	446,109	490,524	507,264	31.0
Colorado .....	14,833	17,318	26,478	45,975	76,482	82,653	89,967	96,596	102,618	96,522	26.2
Connecticut .....	51,309	61,844	59,048	60,216	64,240	64,933	65,484	68,595	72,190	75,151	17.0
Delaware .....	4,109	4,614	7,752	9,703	13,120	13,251	14,136	14,746	15,323	15,818	20.6
District of Columbia .....	64,964	72,775	67,561	67,190	103,736	109,545	120,526	131,598	86,152	84,933	-18.1
Florida .....	46,075	77,542	99,005	150,772	233,743	230,465	263,106	293,742	335,442	340,498	45.7
Georgia .....	24,611	44,001	55,373	74,449	89,265	93,828	100,113	114,456	132,614	136,751	53.2
Hawaii .....	3,599	3,912	10,708	15,603	16,903	16,147	16,578	16,864	17,983	18,688	10.6
Idaho .....	7,495	8,527	10,566	11,843	18,661	18,320	19,266	21,189	20,997	24,389	30.7
Illinois .....	136,512	152,971	177,913	209,763	277,899	286,078	298,831	312,083	321,374	315,838	13.7
Indiana .....	55,929	58,029	60,879	74,311	96,309	101,526	105,006	116,222	121,718	117,560	22.1
Iowa .....	40,512	42,995	52,681	53,966	87,582	101,615	129,872	179,761	204,061	193,655	121.1
Kansas .....	14,270	14,618	14,616	19,992	22,615	24,048	26,351	28,107	29,236	30,187	33.5
Kentucky .....	21,351	28,182	30,757	36,368	44,716	46,979	48,613	56,399	61,377	60,339	34.9
Louisiana .....	19,601	23,355	28,550	34,587	31,593	31,438	33,277	36,342	38,827	40,646	28.7
Maine .....	8,729	11,386	15,686	17,811	18,379	18,816	19,605	20,502	21,503	22,044	19.9
Maryland .....	30,619	30,475	38,917	49,948	58,539	57,878	58,311	60,756	68,188	65,714	12.3
Massachusetts .....	187,682	234,650	231,798	237,894	259,362	264,666	271,236	278,291	283,809	281,549	8.6
Michigan .....	53,101	65,984	82,444	99,770	122,713	123,830	124,759	133,027	135,681	130,785	6.6
Minnesota .....	30,221	44,312	54,578	74,828	131,793	141,996	154,422	171,945	189,160	183,560	39.3
Mississippi .....	8,999	11,703	13,845	12,034	14,511	15,301	16,217	17,619	18,502	18,479	27.3
Missouri .....	51,390	69,242	89,806	119,839	158,623	161,211	167,672	179,376	188,576	196,412	23.8
Montana .....	2,775	3,999	4,011	4,853	4,506	4,514	4,275	4,935	5,051	5,130	13.8
Nebraska .....	15,461	15,979	18,217	23,586	30,014	30,698	30,865	34,496	36,702	36,081	20.2
Nevada .....	93	175	486	4,773	10,414	11,479	11,931	12,923	16,257	15,965	53.3
New Hampshire .....	13,421	22,675	27,347	25,848	29,139	28,742	29,547	30,727	31,522	34,111	17.1
New Jersey .....	70,748	74,582	62,685	69,024	77,282	79,840	81,322	83,193	85,835	84,292	9.1
New Mexico .....	3,666	3,206	2,097	9,289	10,160	9,602	9,430	9,651	11,796	11,040	8.7
New York .....	357,042	428,986	431,402	459,978	524,579	520,383	558,966	577,138	582,095	586,228	11.8
North Carolina .....	48,164	59,383	66,733	75,230	89,565	91,584	94,001	98,626	110,444	114,024	27.3
North Dakota .....	1,303	2,360	3,188	4,234	6,570	6,929	7,059	7,706	7,999	6,904	5.1
Ohio .....	95,168	107,380	130,077	138,392	166,980	170,257	178,064	189,093	197,396	192,252	15.1
Oklahoma .....	18,717	23,107	22,148	24,317	28,221	28,739	28,504	30,697	32,931	32,781	16.2
Oregon .....	13,694	17,356	21,314	28,309	37,535	37,668	38,959	42,166	42,329	43,595	16.1
Pennsylvania .....	178,062	215,217	260,582	270,292	318,881	328,623	335,312	352,144	370,704	359,520	12.7
Rhode Island .....	20,371	31,817	35,923	36,992	41,360	41,397	41,292	41,264	41,886	41,390	0.1
South Carolina .....	22,417	24,793	28,168	30,412	36,007	37,276	43,442	46,463	52,213	51,700	43.6
South Dakota .....	6,703	8,433	7,612	8,364	10,903	10,830	10,701	11,668	13,801	12,170	11.6
Tennessee .....	36,206	47,746	51,189	61,380	85,474	89,261	93,470	101,177	109,502	108,358	26.8
Texas .....	76,703	87,839	99,123	137,439	158,570	159,432	164,016	189,027	201,973	197,382	24.5
Utah .....	32,099	34,389	35,195	40,730	53,923	55,697	59,187	65,669	73,508	85,188	58.0
Vermont .....	9,673	12,644	15,488	15,468	16,710	17,362	17,394	17,947	18,048	18,011	7.8
Virginia .....	28,636	34,004	62,156	68,113	98,349	107,782	117,675	143,943	167,006	174,704	77.6
Washington .....	20,826	27,575	35,752	46,912	51,106	50,282	50,464	54,141	57,236	55,775	9.1
West Virginia .....	11,790	10,745	10,682	11,752	14,018	29,010	36,638	47,951	56,327	66,674	375.6
Wisconsin .....	31,684	33,907	46,245	57,442	67,912	70,039	72,481	78,138	82,774	79,808	17.5
Wyoming .....	0	26	703	1,289	1,833	1,541	1,510	1,411	2,006	1,724	-5.9
<b>Other jurisdictions .....</b>	<b>20,557</b>	<b>77,057</b>	<b>98,374</b>	<b>110,169</b>	<b>145,490</b>	<b>145,891</b>	<b>153,743</b>	<b>156,762</b>	<b>180,518</b>	<b>188,231</b>	<b>29.4</b>
American Samoa .....	0	0	0	0	0	0	0	0	0	0	†
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	†
Guam .....	0	0	0	0	186	167	149	94	85	86	-53.8
Marshall Islands .....	0	0	0	0	0	0	0	0	0	0	†
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	†
Palau .....	0	0	0	0	0	0	0	0	0	0	†
Puerto Rico .....	20,557	77,057	98,374	110,169	145,304	145,724	153,594	156,668	180,433	188,145	29.5
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	0	0	†

†Not applicable.

NOTE: Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1970 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared September 2012.)





**Table 247. Total fall enrollment in private degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2010 and 2011**

State or jurisdiction	Fall 2010					Fall 2011					Percent change in total, 2010 to 2011	
	Total	Full-time		Part-time		Total	Full-time		Part-time			
		Males	Females	Males	Females		Males	Females	Males	Females		
1	2	3	4	5	6	7	8	9	10	11	12	
<b>United States .....</b>	<b>5,873,317</b>	<b>1,787,464</b>	<b>2,530,953</b>	<b>577,810</b>	<b>977,090</b>	<b>5,883,917</b>	<b>1,791,627</b>	<b>2,544,090</b>	<b>578,636</b>	<b>969,564</b>	<b>0.2</b>	
Alabama .....	60,244	17,926	24,504	8,005	9,809	58,163	21,270	25,079	4,588	7,226	-3.5	
Alaska .....	1,350	290	728	94	238	2,774	645	1,773	112	244	105.5	
Arizona .....	428,412	115,720	255,514	16,922	40,256	430,870	118,776	259,424	14,906	37,764	0.6	
Arkansas .....	20,115	7,263	8,966	1,353	2,533	20,521	7,272	9,045	1,352	2,852	2.0	
California .....	490,524	163,413	222,701	46,132	58,278	507,264	168,550	228,584	47,809	62,321	3.4	
Colorado .....	102,618	28,650	49,353	10,471	14,144	96,522	25,001	41,296	12,017	18,208	-5.9	
Connecticut .....	72,190	23,483	30,923	5,915	11,869	75,151	23,863	31,573	6,392	13,323	4.1	
Delaware .....	15,323	3,529	4,695	2,602	4,497	15,818	3,539	4,635	2,716	4,928	3.2	
District of Columbia .....	86,152	24,833	34,289	10,669	16,361	84,933	25,401	35,005	9,603	14,924	-1.4	
Florida .....	335,442	97,319	136,331	37,210	64,582	340,498	101,485	139,981	37,085	61,947	1.5	
Georgia .....	132,614	36,216	59,732	11,535	25,131	136,751	38,740	70,533	9,644	17,834	3.1	
Hawaii .....	17,983	4,683	7,367	2,712	3,221	18,688	4,901	7,764	2,773	3,250	3.9	
Idaho .....	20,997	7,657	10,663	972	1,705	24,389	8,207	11,043	2,114	3,025	16.2	
Illinois .....	321,374	94,671	124,382	39,237	63,084	315,838	92,517	119,994	39,030	64,297	-1.7	
Indiana .....	121,718	41,444	56,604	9,240	14,430	117,560	39,677	54,908	8,654	14,321	-3.4	
Iowa .....	204,061	44,378	83,859	20,748	55,076	193,655	45,948	90,653	15,511	41,543	-5.1	
Kansas .....	29,236	8,285	10,782	3,798	6,371	30,187	8,412	11,135	3,912	6,728	3.3	
Kentucky .....	61,377	16,515	27,729	5,954	11,179	60,339	16,345	27,254	5,756	10,984	-1.7	
Louisiana .....	38,827	11,320	19,630	2,487	5,390	40,646	11,765	20,561	2,452	5,868	4.7	
Maine .....	21,503	6,618	9,845	1,344	3,696	22,044	6,753	10,102	1,445	3,744	2.5	
Maryland .....	68,188	19,206	23,447	9,442	16,093	65,714	18,415	23,405	9,289	14,605	-3.6	
Massachusetts .....	283,809	99,571	123,257	23,251	37,730	281,549	98,223	122,482	23,826	37,018	-0.8	
Michigan .....	135,681	34,527	45,149	20,715	35,290	130,785	32,872	43,727	20,496	33,690	-3.6	
Minnesota .....	189,160	36,766	66,341	24,400	61,653	183,560	35,638	64,638	23,230	60,054	-3.0	
Mississippi .....	18,502	5,201	9,801	971	2,529	18,479	5,213	9,693	988	2,585	-0.1	
Missouri .....	188,576	48,306	64,757	28,340	47,173	196,412	49,479	64,250	32,617	50,066	4.2	
Montana .....	5,051	1,792	2,375	288	596	5,130	1,819	2,455	291	565	1.6	
Nebraska .....	36,702	11,404	16,370	3,490	5,438	36,081	11,065	15,744	3,507	5,765	-1.7	
Nevada .....	16,257	5,788	8,438	908	1,123	15,965	5,719	7,832	1,122	1,292	-1.8	
New Hampshire .....	31,522	10,549	13,005	2,629	5,339	34,111	10,468	12,607	3,756	7,280	8.2	
New Jersey .....	85,835	30,029	31,584	9,825	14,397	84,292	29,717	31,062	9,481	14,032	-1.8	
New Mexico .....	11,796	3,701	6,746	420	929	11,040	3,380	6,153	422	1,085	-6.4	
New York .....	582,095	191,584	245,426	53,393	91,692	586,228	192,722	245,934	54,903	92,669	0.7	
North Carolina .....	110,444	38,680	51,395	6,342	14,027	114,024	38,798	52,500	7,017	15,709	3.2	
North Dakota .....	7,999	2,099	3,519	790	1,591	6,904	1,879	3,125	653	1,247	-13.7	
Ohio .....	197,396	64,165	85,144	17,318	30,769	192,252	61,722	81,667	17,230	31,633	-2.6	
Oklahoma .....	32,931	13,291	15,164	2,005	2,471	32,781	13,012	14,695	2,125	2,949	-0.5	
Oregon .....	42,329	13,327	19,773	3,773	5,456	43,595	13,437	20,818	3,674	5,666	3.0	
Pennsylvania .....	370,704	121,649	150,371	34,907	63,777	359,520	119,628	148,671	32,135	59,086	-3.0	
Rhode Island .....	41,886	17,972	19,341	2,171	2,402	41,390	17,787	19,451	1,948	2,204	-1.2	
South Carolina .....	52,213	16,822	25,310	3,271	6,810	51,700	16,607	25,278	3,155	6,660	-1.0	
South Dakota .....	13,801	2,840	4,989	1,938	4,034	12,170	2,371	3,938	1,851	4,010	-11.8	
Tennessee .....	109,502	38,377	50,999	7,213	12,913	108,358	37,792	51,535	6,662	12,369	-1.0	
Texas .....	201,973	68,175	91,440	18,796	23,562	197,382	65,635	87,180	19,518	25,049	-2.3	
Utah .....	73,508	30,569	34,950	3,765	4,224	85,188	34,910	42,409	3,750	4,119	15.9	
Vermont .....	18,048	8,567	7,463	735	1,283	18,011	8,357	7,506	825	1,323	-0.2	
Virginia .....	167,006	47,908	63,968	22,018	33,112	174,704	47,483	65,259	23,950	38,012	4.6	
Washington .....	57,236	18,272	27,047	4,996	6,921	55,775	17,905	26,632	4,707	6,531	-2.6	
West Virginia .....	56,327	7,699	10,648	24,792	13,188	66,674	7,037	9,872	30,335	19,430	18.4	
Wisconsin .....	82,774	22,569	33,979	7,508	18,718	79,808	21,899	33,077	7,302	17,530	-3.6	
Wyoming .....	2,006	1,846	160	0	0	1,724	1,571	153	0	0	-14.1	
<b>Other jurisdictions .....</b>	<b>180,518</b>	<b>59,088</b>	<b>83,800</b>	<b>14,953</b>	<b>22,677</b>	<b>188,231</b>	<b>63,072</b>	<b>88,346</b>	<b>14,260</b>	<b>22,553</b>	<b>4.3</b>	
American Samoa .....	0	0	0	0	0	0	0	0	0	0	†	
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	†	
Guam .....	85	35	30	11	9	86	27	26	20	13	1.2	
Marshall Islands .....	0	0	0	0	0	0	0	0	0	0	†	
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	†	
Palau .....	0	0	0	0	0	0	0	0	0	0	†	
Puerto Rico .....	180,433	59,053	83,770	14,942	22,668	188,145	63,045	88,320	14,240	22,540	4.3	
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	0	0	†	

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Spring 2012, Enrollment component. (This table was prepared September 2012.)

**Table 248. Total fall enrollment in private nonprofit degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2010 and 2011**

State or jurisdiction	Fall 2010					Fall 2011					Percent change in total, 2010 to 2011	
	Total	Full-time		Part-time		Total	Full-time		Part-time			
		Males	Females	Males	Females		Males	Females	Males	Females		
1	2	3	4	5	6	7	8	9	10	11	12	
<b>United States .....</b>	<b>3,854,920</b>	<b>1,269,837</b>	<b>1,618,681</b>	<b>369,231</b>	<b>597,171</b>	<b>3,927,186</b>	<b>1,287,302</b>	<b>1,650,517</b>	<b>377,848</b>	<b>611,519</b>	<b>1.9</b>	
Alabama .....	25,136	9,267	12,342	1,446	2,081	26,437	9,557	12,756	1,618	2,506	5.2	
Alaska .....	732	153	247	94	238	742	146	240	112	244	1.4	
Arizona .....	8,817	3,864	2,785	1,032	1,136	9,261	3,991	2,825	1,122	1,323	5.0	
Arkansas .....	16,701	6,180	7,096	1,165	2,260	17,860	6,383	7,583	1,228	2,666	6.9	
California .....	285,839	95,158	126,784	27,074	36,823	293,641	96,633	129,118	28,455	39,435	2.7	
Colorado .....	32,938	8,545	12,378	4,778	7,237	34,009	8,589	12,698	4,964	7,758	3.3	
Connecticut .....	66,750	22,406	28,902	5,041	10,401	67,728	22,623	29,081	5,059	10,965	1.5	
Delaware .....	14,833	3,513	4,667	2,452	4,201	15,379	3,508	4,610	2,591	4,670	3.7	
District of Columbia .....	78,215	24,365	33,630	8,509	11,711	78,644	24,935	34,378	8,050	11,281	0.5	
Florida .....	162,285	51,796	61,693	22,223	26,573	180,369	56,271	69,583	23,614	30,901	11.1	
Georgia .....	71,144	23,348	35,888	4,201	7,707	72,779	23,669	36,428	4,622	8,060	2.3	
Hawaii .....	14,273	3,615	5,688	2,390	2,580	14,751	3,762	6,115	2,385	2,489	3.3	
Idaho .....	18,185	6,749	8,897	876	1,663	21,618	7,288	9,398	2,031	2,901	18.9	
Illinois .....	227,482	73,803	94,402	21,350	37,927	230,848	75,373	95,658	22,068	37,749	1.5	
Indiana .....	88,928	32,851	40,845	5,599	9,633	88,942	32,441	40,982	5,579	9,940	#	
Iowa .....	57,373	20,250	25,377	4,047	7,699	57,486	20,519	25,517	3,856	7,594	0.2	
Kansas .....	25,212	7,220	8,832	3,566	5,594	26,200	7,526	9,387	3,578	5,709	3.9	
Kentucky .....	37,608	11,561	16,756	3,202	6,089	39,818	11,750	17,465	3,648	6,955	5.9	
Louisiana .....	27,667	8,422	12,447	2,194	4,604	29,561	9,124	14,082	1,994	4,361	6.8	
Maine .....	19,578	6,412	9,158	1,147	2,861	20,565	6,572	9,561	1,310	3,122	5.0	
Maryland .....	54,894	15,002	20,514	7,377	12,001	54,849	15,338	20,804	7,329	11,378	-0.1	
Massachusetts .....	276,163	96,802	120,618	22,451	36,292	274,194	95,650	120,056	22,931	35,557	-0.7	
Michigan .....	124,298	30,065	40,102	19,615	34,516	120,221	29,100	39,121	19,279	32,721	-3.3	
Minnesota .....	73,508	23,342	31,833	6,557	11,776	72,146	22,852	31,929	6,192	11,173	-1.9	
Mississippi .....	15,398	4,734	7,735	848	2,081	15,571	4,809	7,880	852	2,030	1.1	
Missouri .....	153,824	39,201	49,995	26,023	38,605	154,623	39,390	49,877	26,375	38,981	0.5	
Montana .....	5,051	1,792	2,375	288	596	5,130	1,819	2,455	291	565	1.6	
Nebraska .....	32,940	10,393	14,582	3,213	4,752	33,108	10,248	14,309	3,262	5,289	0.5	
Nevada .....	3,370	1,238	1,578	156	398	3,554	1,394	1,575	185	400	5.5	
New Hampshire .....	26,626	9,185	11,117	2,137	4,187	29,901	9,616	11,792	2,979	5,514	12.3	
New Jersey .....	75,979	27,649	27,358	8,454	12,518	74,861	27,504	27,062	8,097	12,198	-1.5	
New Mexico .....	1,120	443	502	48	127	1,217	405	434	71	307	8.7	
New York .....	526,292	174,085	217,095	49,892	85,220	531,816	176,319	218,136	51,424	85,937	1.0	
North Carolina .....	92,027	34,585	45,286	4,043	8,113	94,121	34,594	45,470	4,590	9,467	2.3	
North Dakota .....	6,234	1,887	2,972	502	873	5,655	1,755	2,734	448	718	-9.3	
Ohio .....	146,386	50,841	60,031	12,948	22,566	147,433	51,233	60,274	12,877	23,049	0.7	
Oklahoma .....	22,657	8,940	9,717	1,737	2,263	23,406	8,980	9,933	1,841	2,652	3.3	
Oregon .....	32,811	10,344	15,598	2,812	4,057	33,624	10,661	16,115	2,733	4,115	2.5	
Pennsylvania .....	299,011	100,773	126,169	24,812	47,257	298,353	101,695	127,442	23,847	45,369	-0.2	
Rhode Island .....	41,886	17,972	19,341	2,171	2,402	41,390	17,787	19,451	1,948	2,204	-1.2	
South Carolina .....	35,089	12,153	17,866	1,901	3,169	35,216	12,256	17,818	1,842	3,300	0.4	
South Dakota .....	9,044	2,321	3,910	999	1,814	7,407	1,956	3,096	868	1,487	-18.1	
Tennessee .....	77,764	27,964	36,211	5,152	8,437	80,924	28,986	39,052	4,705	8,181	4.1	
Texas .....	131,481	45,336	54,362	13,749	18,034	135,699	46,027	56,168	14,390	19,114	3.2	
Utah .....	61,310	26,308	30,114	2,626	2,262	70,416	29,844	35,367	2,756	2,449	14.9	
Vermont .....	17,433	8,192	7,223	735	1,283	17,454	8,117	7,327	746	1,264	0.1	
Virginia .....	110,720	32,239	41,249	15,230	22,002	118,271	31,469	43,536	17,092	26,174	6.8	
Washington .....	43,675	13,625	20,453	3,738	5,859	43,548	13,852	20,636	3,552	5,508	-0.3	
West Virginia .....	12,952	4,319	6,226	748	1,659	12,015	4,145	5,463	817	1,590	-7.2	
Wisconsin .....	65,281	18,629	27,735	5,883	13,034	64,425	18,841	27,740	5,645	12,199	-1.3	
Wyoming .....	0	0	0	0	0	0	0	0	0	0	†	
<b>Other jurisdictions .....</b>	<b>137,372</b>	<b>42,238</b>	<b>62,893</b>	<b>12,663</b>	<b>19,578</b>	<b>143,754</b>	<b>45,501</b>	<b>66,543</b>	<b>12,445</b>	<b>19,265</b>	<b>4.6</b>	
American Samoa .....	0	0	0	0	0	0	0	0	0	0	†	
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	†	
Guam .....	85	35	30	11	9	86	27	26	20	13	1.2	
Marshall Islands .....	0	0	0	0	0	0	0	0	0	0	†	
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	†	
Palau .....	0	0	0	0	0	0	0	0	0	0	†	
Puerto Rico .....	137,287	42,203	62,863	12,652	19,569	143,668	45,474	66,517	12,425	19,252	4.6	
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	0	0	†	

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Spring 2012, Enrollment component. (This table was prepared September 2012.)



**Table 249. Total fall enrollment in private for-profit degree-granting institutions, by attendance status, sex, and state or jurisdiction: 2010 and 2011**

State or jurisdiction	Fall 2010					Fall 2011					Percent change in total, 2010 to 2011	
	Total	Full-time		Part-time		Total	Full-time		Part-time			
		Males	Females	Males	Females		Males	Females	Males	Females		
1	2	3	4	5	6	7	8	9	10	11	12	
<b>United States .....</b>	<b>2,018,397</b>	<b>517,627</b>	<b>912,272</b>	<b>208,579</b>	<b>379,919</b>	<b>1,956,731</b>	<b>504,325</b>	<b>893,573</b>	<b>200,788</b>	<b>358,045</b>	<b>-3.1</b>	
Alabama .....	35,108	8,659	12,162	6,559	7,728	31,726	11,713	12,323	2,970	4,720	-9.6	
Alaska .....	618	137	481	0	0	2,032	499	1,533	0	0	228.8	
Arizona .....	419,595	111,856	252,729	15,890	39,120	421,609	114,785	256,599	13,784	36,441	0.5	
Arkansas .....	3,414	1,083	1,870	188	273	2,661	889	1,462	124	186	-22.1	
California .....	204,685	68,255	95,917	19,058	21,455	213,623	71,917	99,466	19,354	22,886	4.4	
Colorado .....	69,680	20,105	36,975	5,693	6,907	62,513	16,412	28,598	7,053	10,450	-10.3	
Connecticut .....	5,440	1,077	2,021	874	1,468	7,423	1,240	2,492	1,333	2,358	36.5	
Delaware .....	490	16	28	150	296	439	31	25	125	258	-10.4	
District of Columbia .....	7,937	468	659	2,160	4,650	6,289	466	627	1,553	3,643	-20.8	
Florida .....	173,157	45,523	74,638	14,987	38,009	160,129	45,214	70,398	13,471	31,046	-7.5	
Georgia .....	61,470	12,868	23,844	7,334	17,424	63,972	15,071	34,105	5,022	9,774	4.1	
Hawaii .....	3,710	1,068	1,679	322	641	3,937	1,139	1,649	388	761	6.1	
Idaho .....	2,812	908	1,766	96	42	2,771	919	1,645	83	124	-1.5	
Illinois .....	93,892	20,868	29,980	17,887	25,157	84,990	17,144	24,336	16,962	26,548	-9.5	
Indiana .....	32,790	8,593	15,759	3,641	4,797	28,618	7,236	13,926	3,075	4,381	-12.7	
Iowa .....	146,688	24,128	58,482	16,701	47,377	136,169	25,429	65,136	11,655	33,949	-7.2	
Kansas .....	4,024	1,065	1,950	232	777	3,987	886	1,748	334	1,019	-0.9	
Kentucky .....	23,769	4,954	10,973	2,752	5,090	20,521	4,595	9,789	2,108	4,029	-13.7	
Louisiana .....	11,160	2,898	7,183	293	786	11,085	2,641	6,479	458	1,507	-0.7	
Maine .....	1,925	206	687	197	835	1,479	181	541	135	622	-23.2	
Maryland .....	13,294	4,204	2,933	2,065	4,092	10,865	3,077	2,601	1,960	3,227	-18.3	
Massachusetts .....	7,646	2,769	2,639	800	1,438	7,355	2,573	2,426	895	1,461	-3.8	
Michigan .....	11,383	4,462	5,047	1,100	774	10,564	3,772	4,606	1,217	969	-7.2	
Minnesota .....	115,652	13,424	34,508	17,843	49,877	111,414	12,786	32,709	17,038	48,881	-3.7	
Mississippi .....	3,104	467	2,066	123	448	2,908	404	1,813	136	555	-6.3	
Missouri .....	34,752	9,105	14,762	2,317	8,568	41,789	10,089	14,373	6,242	11,085	20.2	
Montana .....	0	0	0	0	0	0	0	0	0	0	†	
Nebraska .....	3,762	1,011	1,788	277	686	2,973	817	1,435	245	476	-21.0	
Nevada .....	12,887	4,550	6,860	752	725	12,411	4,325	6,257	937	892	-3.7	
New Hampshire .....	4,896	1,364	1,888	492	1,152	4,210	852	815	777	1,766	-14.0	
New Jersey .....	9,856	2,380	4,226	1,371	1,879	9,431	2,213	4,000	1,384	1,834	-4.3	
New Mexico .....	10,676	3,258	6,244	372	802	9,823	2,975	5,719	351	778	-8.0	
New York .....	55,803	17,499	28,331	3,501	6,472	54,412	16,403	27,798	3,479	6,732	-2.5	
North Carolina .....	18,417	4,095	6,109	2,299	5,914	19,903	4,204	7,030	2,427	6,242	8.1	
North Dakota .....	1,765	212	547	288	718	1,249	124	391	205	529	-29.2	
Ohio .....	51,010	13,324	25,113	4,370	8,203	44,819	10,489	21,393	4,353	8,584	-12.1	
Oklahoma .....	10,274	4,351	5,447	268	208	9,375	4,032	4,762	284	297	-8.8	
Oregon .....	9,518	2,983	4,175	961	1,399	9,971	2,776	4,703	941	1,551	4.8	
Pennsylvania .....	71,693	20,876	24,202	10,095	16,520	61,167	17,933	21,229	8,288	13,717	-14.7	
Rhode Island .....	0	0	0	0	0	0	0	0	0	0	†	
South Carolina .....	17,124	4,669	7,444	1,370	3,641	16,484	4,351	7,460	1,313	3,360	-3.7	
South Dakota .....	4,757	519	1,079	939	2,220	4,763	415	842	983	2,523	0.1	
Tennessee .....	31,738	10,413	14,788	2,061	4,476	27,434	8,806	12,483	1,957	4,188	-13.6	
Texas .....	70,492	22,839	37,078	5,047	5,528	61,683	19,608	31,012	5,128	5,935	-12.5	
Utah .....	12,198	4,261	4,836	1,139	1,962	14,772	5,066	7,042	994	1,670	21.1	
Vermont .....	615	375	240	0	0	557	240	179	79	59	-9.4	
Virginia .....	56,286	15,669	22,719	6,788	11,110	56,433	16,014	21,723	6,858	11,838	0.3	
Washington .....	13,561	4,647	6,594	1,258	1,062	12,227	4,053	5,996	1,155	1,023	-9.8	
West Virginia .....	43,375	3,380	4,422	24,044	11,529	54,659	2,892	4,409	29,518	17,840	26.0	
Wisconsin .....	17,493	3,940	6,244	1,625	5,684	15,383	3,058	5,337	1,657	5,331	-12.1	
Wyoming .....	2,006	1,846	160	0	0	1,724	1,571	153	0	0	-14.1	
<b>Other jurisdictions .....</b>	<b>43,146</b>	<b>16,850</b>	<b>20,907</b>	<b>2,290</b>	<b>3,099</b>	<b>44,477</b>	<b>17,571</b>	<b>21,803</b>	<b>1,815</b>	<b>3,288</b>	<b>3.1</b>	
American Samoa .....	0	0	0	0	0	0	0	0	0	0	†	
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	†	
Guam .....	0	0	0	0	0	0	0	0	0	0	†	
Marshall Islands .....	0	0	0	0	0	0	0	0	0	0	†	
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	†	
Palau .....	0	0	0	0	0	0	0	0	0	0	†	
Puerto Rico .....	43,146	16,850	20,907	2,290	3,099	44,477	17,571	21,803	1,815	3,288	3.1	
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	0	0	†	

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Spring 2012, Enrollment component. (This table was prepared September 2012.)

**Table 250. Total fall enrollment in degree-granting institutions, by control and level of institution and state or jurisdiction: 2010 and 2011**

State or jurisdiction	Fall 2010						Fall 2011					
	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Public 4-year	Public 2-year	Private 4-year		Private 2-year	
			Nonprofit	For-profit	Nonprofit	For-profit			Nonprofit	For-profit	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>7,924,771</b>	<b>7,218,038</b>	<b>3,822,260</b>	<b>1,588,220</b>	<b>32,660</b>	<b>430,177</b>	<b>8,047,729</b>	<b>7,062,467</b>	<b>3,887,322</b>	<b>1,559,080</b>	<b>39,864</b>	<b>397,651</b>
Alabama .....	169,269	97,814	25,136	31,819	0	3,289	167,349	93,174	25,814	27,977	623	3,749
Alaska .....	31,467	836	732	618	0	0	31,184	974	742	1,651	0	381
Arizona .....	136,756	230,220	8,817	403,463	0	16,132	138,870	227,246	9,261	407,603	0	14,006
Arkansas .....	93,995	61,785	16,701	2,731	0	683	96,483	62,277	17,498	2,404	362	257
California .....	641,539	1,582,109	284,600	122,233	1,239	82,452	657,885	1,520,744	292,167	125,154	1,474	88,469
Colorado .....	163,894	105,513	32,786	57,913	152	11,767	169,441	99,857	33,894	51,004	115	11,509
Connecticut .....	68,941	58,253	66,165	5,153	585	287	68,813	57,674	67,001	7,049	727	374
Delaware .....	24,934	15,474	14,610	490	223	0	25,643	15,055	15,132	439	247	0
District of Columbia .....	5,840	0	78,215	7,937	0	0	5,280	0	78,644	6,289	0	0
Florida .....	663,248	126,779	162,007	132,170	278	40,987	717,439	85,761	179,325	119,600	1,044	40,529
Georgia .....	261,566	174,543	70,627	52,080	517	9,390	265,698	163,010	72,252	54,780	527	9,192
Hawaii .....	30,254	29,836	14,273	1,725	0	1,985	30,757	29,573	14,751	1,986	0	1,951
Idaho .....	49,380	14,824	18,185	2,035	0	777	49,087	16,666	21,618	2,214	0	557
Illinois .....	205,015	380,500	226,400	83,234	1,082	10,658	203,670	373,373	229,926	75,575	922	9,415
Indiana .....	231,791	105,914	88,350	22,979	578	9,811	233,855	106,409	88,409	21,775	533	6,843
Iowa .....	71,401	106,380	57,183	146,123	190	565	72,589	105,902	57,293	135,406	193	763
Kansas .....	100,325	85,298	23,451	2,037	1,761	1,987	100,893	85,582	24,020	2,374	2,180	1,613
Kentucky .....	123,326	106,399	37,608	17,614	0	6,155	125,537	107,890	39,818	16,655	0	3,866
Louisiana .....	145,110	79,701	27,667	4,242	0	6,918	144,616	80,594	28,287	3,938	1,274	7,147
Maine .....	33,644	17,838	19,268	0	310	1,925	32,092	18,161	20,280	973	285	506
Maryland .....	162,403	147,376	54,894	9,082	0	4,212	165,783	148,600	54,849	7,810	0	3,055
Massachusetts .....	119,542	104,951	275,042	5,265	1,121	2,381	121,888	105,117	273,088	5,195	1,106	2,160
Michigan .....	301,734	260,710	124,298	9,902	0	1,481	303,554	251,187	120,160	8,849	61	1,715
Minnesota .....	137,935	138,241	73,387	113,412	121	2,240	139,037	135,155	72,058	109,108	88	2,306
Mississippi .....	76,878	82,817	15,398	447	0	2,657	79,926	80,685	15,571	566	0	2,342
Missouri .....	144,591	111,528	152,163	23,979	1,661	10,773	147,011	113,574	153,402	32,517	1,221	9,272
Montana .....	37,500	10,761	4,578	0	473	0	39,343	9,569	4,666	0	464	0
Nebraska .....	58,368	49,612	32,750	2,671	190	1,091	58,756	48,038	32,917	2,123	191	850
Nevada .....	100,516	12,587	3,370	7,589	0	5,298	93,917	11,131	3,554	7,557	0	4,854
New Hampshire .....	29,163	14,909	26,249	4,896	377	0	28,998	14,335	29,610	4,210	291	0
New Jersey .....	177,850	180,406	75,979	7,580	0	2,276	182,706	176,752	74,861	7,161	0	2,270
New Mexico .....	63,898	86,958	1,120	7,360	0	3,316	64,828	81,687	1,217	7,851	0	1,972
New York .....	394,792	328,708	521,516	31,916	4,776	23,887	396,760	335,154	527,083	31,380	4,733	23,032
North Carolina .....	221,727	253,871	91,357	15,589	670	2,828	220,305	250,684	93,442	15,744	679	4,159
North Dakota .....	41,893	7,011	5,634	1,765	600	0	41,661	7,207	5,655	1,249	0	0
Ohio .....	340,335	207,216	144,780	18,896	1,606	32,114	343,335	199,439	144,571	18,263	2,862	26,556
Oklahoma .....	125,292	72,350	22,657	5,723	0	4,551	126,468	70,905	23,406	5,246	0	4,129
Oregon .....	99,118	108,884	32,811	5,212	0	4,306	102,656	112,810	33,624	5,717	0	4,254
Pennsylvania .....	281,770	151,119	291,171	31,069	7,840	40,624	278,865	149,404	290,728	24,706	7,625	36,461
Rhode Island .....	25,449	17,775	41,886	0	0	0	25,361	17,893	41,390	0	0	0
South Carolina .....	103,200	101,880	34,156	14,192	933	2,932	105,575	102,727	34,237	13,456	979	3,028
South Dakota .....	38,131	6,438	8,653	4,757	391	0	37,387	6,342	7,071	4,763	336	0
Tennessee .....	144,541	97,945	77,479	18,432	285	13,306	145,765	96,152	79,283	16,148	1,641	11,286
Texas .....	624,021	710,864	129,722	29,979	1,759	40,513	638,296	728,709	131,137	31,797	4,562	29,886
Utah .....	132,695	45,904	59,501	10,464	1,809	1,734	133,907	45,301	68,429	12,938	1,987	1,834
Vermont .....	20,786	6,738	16,946	615	487	0	20,554	6,578	16,966	557	488	0
Virginia .....	212,000	197,004	110,720	46,603	0	9,683	214,906	198,855	118,271	46,016	0	10,417
Washington .....	169,573	161,301	43,644	8,356	31	5,205	168,778	148,288	43,504	7,316	44	4,911
West Virginia .....	73,371	22,733	12,952	40,428	0	2,947	72,965	22,669	12,015	51,910	0	2,749
Wisconsin .....	185,168	116,044	64,666	15,318	615	2,175	182,640	114,155	64,425	13,957	0	1,426
Wyoming .....	12,911	23,381	0	127	0	1,879	12,925	23,443	0	124	0	1,600
U.S. Service Academies .....	15,925	0	†	†	†	†	15,692	0	†	†	†	†
<b>Other jurisdictions .....</b>	<b>71,914</b>	<b>11,805</b>	<b>132,794</b>	<b>11,514</b>	<b>4,578</b>	<b>31,632</b>	<b>66,660</b>	<b>12,268</b>	<b>140,861</b>	<b>10,980</b>	<b>2,893</b>	<b>33,497</b>
American Samoa .....	0	2,193	0	0	0	0	0	2,091	0	0	0	0
Federated States of Micronesia .....	0	2,699	0	0	0	0	0	2,915	0	0	0	0
Guam .....	3,639	2,464	85	0	0	0	3,721	2,553	86	0	0	0
Marshall Islands .....	0	869	0	0	0	0	0	989	0	0	0	0
Northern Marianas .....	1,137	0	0	0	0	0	1,046	0	0	0	0	0
Palau .....	0	694	0	0	0	0	0	742	0	0	0	0
Puerto Rico .....	64,405	2,886	132,709	11,514	4,578	31,632	59,279	2,978	140,775	10,980	2,893	33,497
U.S. Virgin Islands .....	2,733	0	0	0	0	0	2,614	0	0	0	0	0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Spring 2012, Enrollment component. (This table was prepared September 2012.)



**Table 252. Total fall enrollment in degree-granting institutions, by control, level of enrollment, level of institution, and state or jurisdiction: 2011**

State or jurisdiction	Public				Private							
	Undergraduate			Post-baccalaureate	Undergraduate					Postbaccalaureate		
	Total	4-year	2-year		Total	Nonprofit 4-year	For-profit 4-year	Nonprofit 2-year	For-profit 2-year	Total	Nonprofit 4-year	For-profit 4-year
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>13,688,792</b>	<b>6,626,325</b>	<b>7,062,467</b>	<b>1,421,404</b>	<b>4,374,245</b>	<b>2,679,016</b>	<b>1,257,714</b>	<b>39,864</b>	<b>397,651</b>	<b>1,509,672</b>	<b>1,208,306</b>	<b>301,366</b>
Alabama .....	224,643	131,469	93,174	35,880	49,662	21,625	23,665	623	3,749	8,501	4,189	4,312
Alaska .....	29,540	28,566	974	2,618	2,564	532	1,651	0	381	210	210	0
Arizona .....	339,082	111,836	227,246	27,034	335,955	3,591	318,358	0	14,006	94,915	5,670	89,245
Arkansas .....	142,816	80,539	62,277	15,944	17,093	14,268	2,206	362	257	3,428	3,230	198
California .....	2,070,321	549,577	1,520,744	108,308	349,456	155,261	104,252	1,474	88,469	157,808	136,906	20,902
Colorado .....	236,796	136,939	99,857	32,502	71,328	19,429	40,275	115	11,509	25,194	14,465	10,729
Connecticut .....	112,336	54,662	57,674	14,151	53,371	46,011	6,259	727	374	21,780	20,990	790
Delaware .....	36,671	21,616	15,055	4,027	10,271	9,672	352	247	0	5,547	5,460	87
District of Columbia .....	4,658	4,658	0	622	43,801	39,315	4,486	0	0	41,132	39,329	1,803
Florida .....	737,539	651,778	85,761	65,661	274,023	125,461	106,989	1,044	40,529	66,475	53,864	12,611
Georgia .....	388,358	225,348	163,010	40,350	106,829	51,520	45,590	527	9,192	29,922	20,732	9,190
Hawaii .....	53,693	24,120	29,573	6,637	15,902	12,578	1,373	0	1,951	2,786	2,173	613
Idaho .....	58,716	42,050	16,666	7,037	23,581	20,865	2,159	0	557	808	753	55
Illinois .....	525,815	152,442	373,373	51,228	209,620	138,690	60,593	922	9,415	106,218	91,236	14,982
Indiana .....	301,119	194,710	106,409	39,145	101,053	72,463	21,214	533	6,843	16,507	15,946	561
Iowa .....	163,217	57,315	105,902	15,274	165,025	45,970	118,099	193	763	28,630	11,323	17,307
Kansas .....	165,120	79,538	85,582	21,355	25,005	18,859	2,353	2,180	1,613	5,182	5,161	21
Kentucky .....	209,021	101,131	107,890	24,406	48,807	29,758	15,183	0	3,866	11,532	10,060	1,472
Louisiana .....	201,419	120,825	80,594	23,791	32,071	20,048	3,602	1,274	7,147	8,575	8,239	336
Maine .....	45,903	27,742	18,161	4,350	17,021	15,257	973	285	506	5,023	5,023	0
Maryland .....	268,528	119,928	148,600	45,855	38,817	29,488	6,274	0	3,055	26,897	25,361	1,536
Massachusetts .....	199,736	94,619	105,117	27,269	176,787	168,614	4,907	1,106	2,160	104,762	104,474	288
Michigan .....	487,213	236,026	251,187	67,528	107,735	97,567	8,392	61	1,715	23,050	22,593	457
Minnesota .....	248,903	113,748	135,155	25,289	91,725	50,680	38,651	88	2,306	91,835	21,378	70,457
Mississippi .....	144,163	63,478	80,685	16,448	14,016	11,187	487	0	2,342	4,463	4,384	79
Missouri .....	233,895	120,321	113,574	26,690	144,529	103,613	30,423	1,221	9,272	51,883	49,789	2,094
Montana .....	44,163	34,594	9,569	4,749	4,980	4,516	0	464	0	150	150	0
Nebraska .....	93,164	45,126	48,038	13,630	26,146	23,033	2,072	191	850	9,935	9,884	51
Nevada .....	96,637	85,506	11,131	8,411	12,361	926	6,581	0	4,854	3,604	2,628	976
New Hampshire .....	39,101	24,766	14,335	4,232	24,319	19,837	4,191	291	0	9,792	9,773	19
New Jersey .....	321,708	144,956	176,752	37,750	58,373	49,461	6,642	0	2,270	25,919	25,400	519
New Mexico .....	132,956	51,269	81,687	13,559	9,828	677	7,179	0	1,972	1,212	540	672
New York .....	660,203	325,049	335,154	71,711	415,441	358,921	28,755	4,733	23,032	170,787	168,162	2,625
North Carolina .....	425,489	174,805	250,684	45,500	89,947	73,201	11,908	679	4,159	24,077	20,241	3,836
North Dakota .....	42,737	35,530	7,207	6,131	5,893	4,644	1,249	0	0	1,011	1,011	0
Ohio .....	481,732	282,293	199,439	61,042	160,061	114,162	16,481	2,862	26,556	32,191	30,409	1,782
Oklahoma .....	175,798	104,893	70,905	21,575	27,885	18,688	5,068	0	4,129	4,896	4,718	178
Oregon .....	197,356	84,546	112,810	18,110	31,979	22,265	5,460	0	4,254	11,616	11,359	257
Pennsylvania .....	383,226	233,822	149,404	45,043	267,870	200,676	23,108	7,625	36,461	91,650	90,052	1,598
Rhode Island .....	38,874	20,981	17,893	4,380	35,075	35,075	0	0	0	6,315	6,315	0
South Carolina .....	188,775	86,048	102,727	19,527	45,374	30,646	10,721	979	3,028	6,326	3,591	2,735
South Dakota .....	38,322	31,980	6,342	5,407	10,883	6,279	4,268	336	0	1,287	792	495
Tennessee .....	215,728	119,576	96,152	26,189	85,757	58,681	14,149	1,641	11,286	22,601	20,602	1,999
Texas .....	1,229,495	500,786	728,709	137,510	157,645	94,720	28,477	4,562	29,886	39,737	36,417	3,320
Utah .....	166,950	121,649	45,301	12,258	72,239	56,887	11,531	1,987	1,834	12,949	11,542	1,407
Vermont .....	24,664	18,086	6,578	2,468	13,518	12,473	557	488	0	4,493	4,493	0
Virginia .....	363,060	164,205	198,855	50,701	131,660	81,392	39,851	0	10,417	43,044	36,879	6,165
Washington .....	294,852	146,564	148,288	22,214	42,041	30,671	6,415	44	4,911	13,734	12,833	901
West Virginia .....	83,230	60,561	22,669	12,404	54,045	10,534	40,762	0	2,749	12,629	1,481	11,148
Wisconsin .....	272,076	157,921	114,155	24,719	63,154	48,329	13,399	0	1,426	16,654	16,096	558
Wyoming .....	33,606	10,163	23,443	2,762	1,724	0	124	0	1,600	0	0	0
U.S. Service Academies .....	15,669	15,669	0	23	†	†	†	†	†	†	†	†
<b>Other jurisdictions .....</b>	<b>72,482</b>	<b>60,214</b>	<b>12,268</b>	<b>6,446</b>	<b>164,566</b>	<b>118,293</b>	<b>9,883</b>	<b>2,893</b>	<b>33,497</b>	<b>23,665</b>	<b>22,568</b>	<b>1,097</b>
American Samoa .....	2,091	0	2,091	0	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	2,915	0	2,915	0	0	0	0	0	0	0	0	0
Guam .....	5,926	3,373	2,553	348	83	83	0	0	0	3	3	0
Marshall Islands .....	989	0	989	0	0	0	0	0	0	0	0	0
Northern Marianas .....	1,046	1,046	0	0	0	0	0	0	0	0	0	0
Palau .....	742	0	742	0	0	0	0	0	0	0	0	0
Puerto Rico .....	56,374	53,396	2,978	5,883	164,483	118,210	9,883	2,893	33,497	23,662	22,565	1,097
U.S. Virgin Islands .....	2,399	2,399	0	215	0	0	0	0	0	0	0	0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared September 2012.)













**Table 258. Residence and migration of all first-time degree/certificate-seeking undergraduates in degree-granting institutions, by state or jurisdiction: Fall 2010**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States .....</b>	<b>3,156,949</b>	<b>3,083,703</b>	<b>2,568,244</b>	<b>0.81</b>	<b>0.83</b>	<b>515,459</b>	<b>588,705</b>	<b>73,246</b>
Alabama .....	53,020	45,684	39,932	0.75	0.87	5,752	13,088	7,336
Alaska .....	4,349	5,739	3,607	0.83	0.63	2,132	742	-1,390
Arizona .....	76,099	58,954	53,524	0.70	0.91	5,430	22,575	17,145
Arkansas .....	29,242	27,093	23,972	0.82	0.88	3,121	5,270	2,149
California .....	401,859	402,593	368,074	0.92	0.91	34,519	33,785	-734
Colorado .....	54,423	51,325	41,982	0.77	0.82	9,343	12,441	3,098
Connecticut .....	32,719	38,426	22,717	0.69	0.59	15,709	10,002	-5,707
Delaware .....	8,854	7,793	5,334	0.60	0.68	2,459	3,520	1,061
District of Columbia .....	10,744	3,818	897	0.08	0.23	2,921	9,847	6,926
Florida .....	176,291	165,868	148,599	0.84	0.90	17,269	27,692	10,423
Georgia .....	100,200	100,303	83,627	0.83	0.83	16,676	16,573	-103
Hawaii .....	10,937	12,248	8,849	0.81	0.72	3,399	2,088	-1,311
Idaho .....	12,668	12,374	8,673	0.68	0.70	3,701	3,995	294
Illinois .....	114,549	125,521	95,030	0.83	0.76	30,491	19,519	-10,972
Indiana .....	82,362	74,056	65,907	0.80	0.89	8,149	16,455	8,306
Iowa .....	47,222	33,549	29,421	0.62	0.88	4,128	17,801	13,673
Kansas .....	33,563	31,221	26,712	0.80	0.86	4,509	6,851	2,342
Kentucky .....	43,717	41,523	36,153	0.83	0.87	5,370	7,564	2,194
Louisiana .....	43,106	41,687	36,904	0.86	0.89	4,783	6,202	1,419
Maine .....	12,176	12,682	8,970	0.74	0.71	3,712	3,206	-506
Maryland .....	51,096	60,394	41,482	0.81	0.69	18,912	9,614	-9,298
Massachusetts .....	76,864	68,504	48,656	0.63	0.71	19,848	28,208	8,360
Michigan .....	101,486	103,304	92,096	0.91	0.89	11,208	9,390	-1,818
Minnesota .....	55,803	58,311	44,239	0.79	0.76	14,072	11,564	-2,508
Mississippi .....	36,978	35,984	31,351	0.85	0.87	4,633	5,627	994
Missouri .....	64,423	61,014	51,790	0.80	0.85	9,224	12,633	3,409
Montana .....	9,920	9,109	7,268	0.73	0.80	1,841	2,652	811
Nebraska .....	19,245	18,690	15,669	0.81	0.84	3,021	3,576	555
Nevada .....	18,572	20,774	16,967	0.91	0.82	3,807	1,605	-2,202
New Hampshire .....	13,613	13,288	7,547	0.55	0.57	5,741	6,066	325
New Jersey .....	71,234	100,778	65,783	0.92	0.65	34,995	5,451	-29,544
New Mexico .....	22,442	21,476	18,464	0.82	0.86	3,012	3,978	966
New York .....	198,504	194,186	160,275	0.81	0.83	33,911	38,229	4,318
North Carolina .....	93,244	89,041	77,705	0.83	0.87	11,336	15,539	4,203
North Dakota .....	9,069	6,748	4,962	0.55	0.74	1,786	4,107	2,321
Ohio .....	122,142	120,759	103,850	0.85	0.86	16,909	18,292	1,383
Oklahoma .....	39,339	35,600	31,409	0.80	0.88	4,191	7,930	3,739
Oregon .....	35,528	31,989	26,824	0.76	0.84	5,165	8,704	3,539
Pennsylvania .....	144,161	124,880	104,697	0.73	0.84	20,183	39,464	19,281
Rhode Island .....	15,698	10,044	6,949	0.44	0.69	3,095	8,749	5,654
South Carolina .....	48,249	43,757	38,147	0.79	0.87	5,610	10,102	4,492
South Dakota .....	10,191	8,802	6,970	0.68	0.79	1,832	3,221	1,389
Tennessee .....	59,588	59,193	50,066	0.84	0.85	9,127	9,522	395
Texas .....	229,483	237,852	211,895	0.92	0.89	25,957	17,588	-8,369
Utah .....	34,794	28,452	26,399	0.76	0.93	2,053	8,395	6,342
Vermont .....	8,242	5,602	2,991	0.36	0.53	2,611	5,251	2,640
Virginia .....	83,232	76,703	62,878	0.76	0.82	13,825	20,354	6,529
Washington .....	41,131	45,276	34,484	0.84	0.76	10,792	6,647	-4,145
West Virginia .....	22,920	15,617	13,571	0.59	0.87	2,046	9,349	7,303
Wisconsin .....	61,257	59,919	49,813	0.81	0.83	10,106	11,444	1,338
Wyoming .....	6,042	4,934	3,814	0.63	0.77	1,120	2,228	1,108
U.S. Service Academies .....	4,359	†	349 <sup>3</sup>	†	†	-349	4,010	4,359
State unknown <sup>4</sup> .....	†	20,266	†	†	†	20,266	†	-20,266
<b>Other jurisdictions .....</b>	<b>52,208</b>	<b>53,539</b>	<b>51,759</b>	<b>0.99</b>	<b>0.97</b>	<b>1,780</b>	<b>449</b>	<b>-1,331</b>
American Samoa .....	657	738	657	1.00	0.89	81	0	-81
Federated States of Micronesia .....	653	744	653	1.00	0.88	91	0	-91
Guam .....	1,043	1,256	999	0.96	0.80	257	44	-213
Marshall Islands .....	240	234	222	0.93	0.95	12	18	6
Northern Marianas .....	360	365	313	0.87	0.86	52	47	-5
Palau .....	114	92	71	0.62	0.77	21	43	22
Puerto Rico .....	48,658	49,200	48,388	0.99	0.98	812	270	-542
U.S. Virgin Islands .....	483	910	456	0.94	0.50	454	27	-427
Foreign countries .....	†	59,493	†	†	†	59,493	†	-59,493
Residence unknown .....	†	12,422	†	†	†	12,422	†	-12,422

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.

<sup>2</sup>Includes students coming to U.S. colleges from foreign countries and other jurisdictions.

<sup>3</sup>Students whose residence is in the same state as the service academy.

<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component. (This table was prepared November 2011.)

**Table 259. Residence and migration of all first-time degree/certificate-seeking undergraduates in degree-granting institutions who graduated from high school in the previous 12 months, by state or jurisdiction: Fall 2010**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States .....</b>	<b>2,192,819</b>	<b>2,158,258</b>	<b>1,765,406</b>	<b>0.81</b>	<b>0.82</b>	<b>392,852</b>	<b>427,413</b>	<b>34,561</b>
Alabama .....	37,496	31,160	28,165	0.75	0.90	2,995	9,331	6,336
Alaska .....	2,642	3,915	2,390	0.90	0.61	1,525	252	-1,273
Arizona .....	42,610	37,006	33,090	0.78	0.89	3,916	9,520	5,604
Arkansas .....	22,169	19,348	17,624	0.79	0.91	1,724	4,545	2,821
California .....	262,266	271,669	243,382	0.93	0.90	28,287	18,884	-9,403
Colorado .....	30,714	31,902	24,171	0.79	0.76	7,731	6,543	-1,188
Connecticut .....	26,789	32,068	17,724	0.66	0.55	14,344	9,065	-5,279
Delaware .....	3,849	4,718	2,745	0.71	0.58	1,973	1,104	-869
District of Columbia .....	8,802	2,503	517	0.06	0.21	1,986	8,285	6,299
Florida .....	111,503	109,789	97,733	0.88	0.89	12,056	13,770	1,714
Georgia .....	66,830	67,659	57,253	0.86	0.85	10,406	9,577	-829
Hawaii .....	7,374	8,683	5,862	0.79	0.68	2,821	1,512	-1,309
Idaho .....	8,901	8,273	5,589	0.63	0.68	2,684	3,312	628
Illinois .....	76,057	90,456	64,307	0.85	0.71	26,149	11,750	-14,399
Indiana .....	53,214	45,900	40,350	0.76	0.88	5,550	12,864	7,314
Iowa .....	30,970	24,442	21,209	0.68	0.87	3,233	9,761	6,528
Kansas .....	23,728	21,889	18,627	0.79	0.85	3,262	5,101	1,839
Kentucky .....	32,517	29,320	26,191	0.81	0.89	3,129	6,326	3,197
Louisiana .....	31,340	28,912	26,094	0.83	0.90	2,818	5,246	2,428
Maine .....	8,625	9,234	6,072	0.70	0.66	3,162	2,553	-609
Maryland .....	35,755	43,730	28,253	0.79	0.65	15,477	7,502	-7,975
Massachusetts .....	62,482	54,966	36,917	0.59	0.67	18,049	25,565	7,516
Michigan .....	73,745	73,740	65,840	0.89	0.89	7,900	7,905	5
Minnesota .....	41,180	45,340	32,751	0.80	0.72	12,589	8,429	-4,160
Mississippi .....	25,820	22,726	21,098	0.82	0.93	1,628	4,722	3,094
Missouri .....	46,252	43,633	36,803	0.80	0.84	6,830	9,449	2,619
Montana .....	7,315	6,320	5,020	0.69	0.79	1,300	2,295	995
Nebraska .....	15,412	14,858	12,442	0.81	0.84	2,416	2,970	554
Nevada .....	9,607	11,280	8,511	0.89	0.75	2,769	1,096	-1,673
New Hampshire .....	11,986	11,256	6,388	0.53	0.57	4,868	5,598	730
New Jersey .....	48,952	75,893	44,738	0.91	0.59	31,155	4,214	-26,941
New Mexico .....	14,832	14,461	12,542	0.85	0.87	1,919	2,290	371
New York .....	151,583	148,101	119,445	0.79	0.81	28,656	32,138	3,482
North Carolina .....	67,246	60,395	53,995	0.80	0.89	6,400	13,251	6,851
North Dakota .....	7,303	5,125	3,841	0.53	0.75	1,284	3,462	2,178
Ohio .....	86,520	84,068	71,583	0.83	0.85	12,485	14,937	2,452
Oklahoma .....	27,893	24,100	21,735	0.78	0.90	2,365	6,158	3,793
Oregon .....	20,830	18,072	13,960	0.67	0.77	4,112	6,870	2,758
Pennsylvania .....	107,883	91,298	75,702	0.70	0.83	15,596	32,181	16,585
Rhode Island .....	13,027	7,667	4,907	0.38	0.64	2,760	8,120	5,360
South Carolina .....	35,519	29,709	26,706	0.75	0.90	3,003	8,813	5,810
South Dakota .....	7,062	6,232	4,774	0.68	0.77	1,458	2,288	830
Tennessee .....	43,794	42,515	36,038	0.82	0.85	6,477	7,756	1,279
Texas .....	155,451	164,980	145,781	0.94	0.88	19,199	9,670	-9,529
Utah .....	22,502	17,442	15,970	0.71	0.92	1,472	6,532	5,060
Vermont .....	7,138	4,478	2,228	0.31	0.50	2,250	4,910	2,660
Virginia .....	58,821	56,202	45,599	0.78	0.81	10,603	13,222	2,619
Washington .....	31,647	34,030	25,881	0.82	0.76	8,149	5,766	-2,383
West Virginia .....	15,067	10,885	9,696	0.64	0.89	1,189	5,371	4,182
Wisconsin .....	43,974	42,241	34,196	0.78	0.81	8,045	9,778	1,733
Wyoming .....	4,281	3,459	2,699	0.63	0.78	760	1,582	822
U.S. Service Academies .....	3,544	†	272 <sup>3</sup>	†	†	-272	3,272	3,544
State unknown <sup>4</sup> .....	†	10,210	†	†	†	10,210	†	-10,210
<b>Other jurisdictions .....</b>	<b>41,389</b>	<b>42,562</b>	<b>41,200</b>	<b>1.00</b>	<b>0.97</b>	<b>1,362</b>	<b>189</b>	<b>-1,173</b>
American Samoa .....	559	622	559	1.00	0.90	63	0	-63
Federated States of Micronesia .....	653	707	653	1.00	0.92	54	0	-54
Guam .....	761	935	739	0.97	0.79	196	22	-174
Marshall Islands .....	239	231	222	0.93	0.96	9	17	8
Northern Marianas .....	262	279	236	0.90	0.85	43	26	-17
Palau .....	82	68	50	0.61	0.74	18	32	14
Puerto Rico .....	38,505	39,067	38,423	1.00	0.98	644	82	-562
U.S. Virgin Islands .....	328	653	318	0.97	0.49	335	10	-325
Foreign countries .....	†	33,388	†	†	†	33,388	†	-33,388
Residence unknown .....	†	†	†	†	†	†	†	†

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.<sup>2</sup>Includes students coming to U.S. colleges from foreign countries and other jurisdictions.<sup>3</sup>Students whose residence is in the same state as the service academy.<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students who graduated from high school in the previous 12 months and were enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component. (This table was prepared November 2011.)

**Table 260. Residence and migration of all first-time degree/certificate-seeking undergraduates in 4-year degree-granting institutions who graduated from high school in the previous 12 months, by state or jurisdiction: Fall 2010**

State or jurisdiction	Total first-time enrollment in institutions located in the state	State residents enrolled in institutions		Ratio of in-state students		Migration of students		
		In any state <sup>1</sup>	In their home state	To first-time enrollment (col. 4/col. 2)	To residents enrolled in any state (col. 4/col. 3)	Out of state (col. 3 - col. 4)	Into state <sup>2</sup> (col. 2 - col. 4)	Net (col. 8 - col. 7)
1	2	3	4	5	6	7	8	9
<b>United States .....</b>	<b>1,480,066</b>	<b>1,449,329</b>	<b>1,085,207</b>	<b>0.73</b>	<b>0.75</b>	<b>364,122</b>	<b>394,859</b>	<b>30,737</b>
Alabama .....	23,817	18,535	15,929	0.67	0.86	2,606	7,888	5,282
Alaska .....	2,633	3,751	2,381	0.90	0.63	1,370	252	-1,118
Arizona .....	22,043	18,095	14,537	0.66	0.80	3,558	7,506	3,948
Arkansas .....	16,040	13,073	11,679	0.73	0.89	1,394	4,361	2,967
California .....	114,035	127,917	100,645	0.88	0.79	27,272	13,390	-13,882
Colorado .....	23,523	24,412	17,302	0.74	0.71	7,110	6,221	-889
Connecticut .....	19,340	24,460	10,326	0.53	0.42	14,134	9,014	-5,120
Delaware .....	1,743	2,658	762	0.44	0.29	1,896	981	-915
District of Columbia .....	8,802	2,232	517	0.06	0.23	1,715	8,285	6,570
Florida .....	93,625	91,624	80,532	0.86	0.88	11,092	13,093	2,001
Georgia .....	49,722	50,754	41,133	0.83	0.81	9,621	8,589	-1,032
Hawaii .....	3,974	5,138	2,549	0.64	0.50	2,589	1,425	-1,164
Idaho .....	7,144	6,165	4,025	0.56	0.65	2,140	3,119	979
Illinois .....	50,222	64,214	38,856	0.77	0.61	25,358	11,366	-13,992
Indiana .....	45,077	37,497	32,508	0.72	0.87	4,989	12,569	7,580
Iowa .....	19,109	13,407	10,476	0.55	0.78	2,931	8,633	5,702
Kansas .....	13,941	13,254	10,245	0.73	0.77	3,009	3,696	687
Kentucky .....	23,426	20,270	17,452	0.74	0.86	2,818	5,974	3,156
Louisiana .....	23,435	20,613	18,329	0.78	0.89	2,284	5,106	2,822
Maine .....	6,519	7,126	4,046	0.62	0.57	3,080	2,473	-607
Maryland .....	18,774	27,271	12,227	0.65	0.45	15,044	6,547	-8,497
Massachusetts .....	49,910	42,660	24,883	0.50	0.58	17,777	25,027	7,250
Michigan .....	50,546	50,341	42,974	0.85	0.85	7,367	7,572	205
Minnesota .....	27,047	31,681	19,756	0.73	0.62	11,925	7,291	-4,634
Mississippi .....	10,671	8,089	6,659	0.62	0.82	1,430	4,012	2,582
Missouri .....	30,204	27,223	21,212	0.70	0.78	6,011	8,992	2,981
Montana .....	6,037	4,862	3,852	0.64	0.79	1,010	2,185	1,175
Nebraska .....	11,071	10,194	8,311	0.75	0.82	1,883	2,760	877
Nevada .....	8,413	9,844	7,366	0.88	0.75	2,478	1,047	-1,431
New Hampshire .....	9,093	8,146	3,644	0.40	0.45	4,502	5,449	947
New Jersey .....	27,560	54,110	23,552	0.85	0.44	30,558	4,008	-26,550
New Mexico .....	7,710	7,862	6,270	0.81	0.80	1,592	1,440	-152
New York .....	106,279	103,152	75,117	0.71	0.73	28,035	31,162	3,127
North Carolina .....	46,834	40,122	34,182	0.73	0.85	5,940	12,652	6,712
North Dakota .....	6,252	3,885	3,012	0.48	0.78	873	3,240	2,367
Ohio .....	70,277	67,814	56,035	0.80	0.83	11,779	14,242	2,463
Oklahoma .....	19,147	15,782	13,871	0.72	0.88	1,911	5,276	3,365
Oregon .....	15,047	12,722	8,870	0.59	0.70	3,852	6,177	2,325
Pennsylvania .....	86,453	70,077	55,314	0.64	0.79	14,763	31,139	16,376
Rhode Island .....	10,928	5,514	2,877	0.26	0.52	2,637	8,051	5,414
South Carolina .....	23,652	17,939	15,256	0.65	0.85	2,683	8,396	5,713
South Dakota .....	5,798	4,938	3,699	0.64	0.75	1,239	2,099	860
Tennessee .....	30,650	29,420	23,472	0.77	0.80	5,948	7,178	1,230
Texas .....	91,495	101,995	83,837	0.92	0.82	18,158	7,658	-10,500
Utah .....	19,114	14,136	12,969	0.68	0.92	1,167	6,145	4,978
Vermont .....	6,593	3,892	1,793	0.27	0.46	2,099	4,800	2,701
Virginia .....	39,251	37,214	27,069	0.69	0.73	10,145	12,182	2,037
Washington .....	23,515	25,605	17,985	0.76	0.70	7,620	5,530	-2,090
West Virginia .....	12,902	8,648	7,711	0.60	0.89	937	5,191	4,254
Wisconsin .....	35,727	33,425	26,134	0.73	0.78	7,291	9,593	2,302
Wyoming .....	1,402	1,470	797	0.57	0.54	673	605	-68
U.S. Service Academies .....	3,544	†	272 <sup>3</sup>	†	†	-272	3,272	3,544
State unknown <sup>4</sup> .....	†	4,101	†	†	†	4,101	†	-4,101
<b>Other jurisdictions .....</b>	<b>31,281</b>	<b>32,317</b>	<b>31,149</b>	<b>1.00</b>	<b>0.96</b>	<b>1,168</b>	<b>132</b>	<b>-1,036</b>
American Samoa .....	†	36	†	†	0.00	36	0	-36
Federated States of Micronesia .....	†	11	†	†	†	11	0	-11
Guam .....	539	706	522	0.97	0.74	184	17	-167
Marshall Islands .....	†	4	†	†	†	4	0	-4
Northern Marianas .....	262	274	236	0.90	0.86	38	26	-12
Palau .....	†	12	†	†	†	12	0	-12
Puerto Rico .....	30,152	30,660	30,073	1.00	0.98	587	79	-508
U.S. Virgin Islands .....	328	614	318	0.97	0.52	296	10	-286
Foreign countries .....	†	29,701	†	†	†	29,701	†	-29,701
Residence unknown .....	†	0	†	†	†	0	†	0

†Not applicable.

<sup>1</sup>Students residing in a particular state when admitted to an institution anywhere—either in their home state or another state.

<sup>2</sup>Includes students coming to U.S. colleges from foreign countries and other jurisdictions.

<sup>3</sup>Students whose residence is in the same state as the service academy.

<sup>4</sup>Institution unable to determine student's home state.

NOTE: Includes all first-time postsecondary students who graduated from high school in the previous 12 months and were enrolled at reporting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component. (This table was prepared November 2011.)

**Table 261. Number of U.S. students studying abroad and percentage distribution, by sex, race/ethnicity, and other selected characteristics:  
Selected years, 1996–97 through 2009–10**

Sex, race/ethnicity, and other selected characteristics	1996–97	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	Change 1999–2000 to 2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b> .....	Number												Percent change
	99,448	143,590	154,168	160,920	174,629	191,231	205,983	223,534	241,791	262,416	260,327	270,604	88.5
	Percentage distribution												Change in percentage points
Sex.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Male .....	35.1	35.4	35.0	35.1	35.3	34.4	34.5	34.5	34.9	34.9	35.8	36.5	1.1
Female .....	64.9	64.6	65.0	64.9	64.7	65.6	65.5	65.5	65.1	65.1	64.2	63.5	-1.1
Race/ethnicity .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
White.....	83.9	83.7	84.3	82.9	83.2	83.7	83.0	83.0	81.9	81.8	80.5	78.7	-5.0
Black .....	3.5	3.5	3.5	3.5	3.4	3.4	3.5	3.5	3.8	4.0	4.2	4.7	1.2
Hispanic .....	5.1	5.0	5.4	5.4	5.1	5.0	5.6	5.4	6.0	5.9	6.0	6.4	1.4
Asian/Pacific Islander.....	5.0	4.8	5.4	5.8	6.0	6.1	6.3	6.3	6.7	6.6	7.3	7.9	3.1
American Indian/ Alaska Native.....	0.3	0.5	0.5	0.4	0.5	0.5	0.4	0.6	0.5	0.5	0.5	0.5	#
Two or more races .....	2.1	0.9	0.9	2.0	1.8	1.3	1.2	1.2	1.2	1.2	1.6	1.9	1.0
Visa students <sup>1</sup> .....	†	1.6	†	†	†	†	†	†	†	†	†	†	†
Academic level.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.3	†
Freshman .....	2.4	3.2	3.1	3.2	2.9	3.0	3.1	3.7	3.3	3.5	3.4	3.5	0.3
Sophomore .....	12.8	13.6	14.0	13.6	11.8	12.0	12.2	12.8	12.9	13.1	13.9	13.2	-0.4
Junior.....	41.3	39.8	38.9	40.7	38.0	34.7	35.8	34.2	36.6	35.9	36.8	35.8	-4.0
Senior .....	18.3	17.7	20.0	20.4	20.2	19.3	19.6	19.8	21.3	21.3	21.6	21.8	4.1
Associate's students .....	1.9	0.9	0.9	1.5	2.1	1.6	2.7	2.7	2.7	2.2	1.1	0.1	-0.8
Bachelor's unspecified .....	14.7	15.6	13.5	11.0	15.3	16.3	15.2	14.9	12.5	13.4	11.3	11.0	-4.6
Master's level or higher .....	7.8	8.3	8.3	8.7	9.1	8.6	8.9	10.0	10.5	10.5	11.8	14.0	5.7
Other academic level .....	0.8	1.0	1.1	0.8	0.7	4.2	2.5	1.9	#	0.1	#	1.0	#
Host region .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Africa.....	2.6	2.8	2.9	2.9	2.8	3.0	3.5	3.8	4.2	4.5	5.3	5.5	2.7
Asia <sup>2</sup> .....	6.1	6.2	6.0	6.8	5.6	6.9	8.0	9.3	10.3	11.1	11.4	12.0	5.8
Europe <sup>3</sup> .....	64.6	62.5	63.3	62.7	63.1	61.0	60.3	58.3	57.4	56.3	54.5	53.5	-9.0
Latin America <sup>4</sup> .....	15.3	14.0	14.5	14.5	15.3	15.2	14.4	15.2	15.0	15.3	15.4	15.0	1.0
Middle East <sup>3</sup> .....	1.8	2.8	0.9	0.7	0.2	0.4	1.0	1.2	1.1	1.3	1.4	1.8	-1.0
North America <sup>4,5</sup> .....	0.7	0.9	0.7	0.8	0.7	0.6	0.5	0.5	0.6	0.4	0.5	0.7	-0.2
Oceania .....	4.4	5.0	6.0	6.8	7.3	7.4	6.7	6.3	5.7	5.3	5.5	5.0	#
Multiple destinations .....	4.6	5.8	5.6	4.9	5.1	5.5	5.6	5.5	5.6	5.7	6.0	6.5	0.7
Duration of stay.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†
Summer term .....	32.8	34.2	33.7	34.4	32.7	37.0	37.2	37.2	38.7	38.1	35.8	37.8	3.6
One semester .....	40.2	38.1	38.5	39.0	40.3	38.1	37.5	36.9	36.3	35.5	37.3	35.8	-2.3
8 weeks or less during academic year.....	3.3	7.3	7.4	7.3	9.4	8.9	8.0	9.5	9.8	11.0	11.7	11.9	4.6
January term.....	6.8	6.0	7.0	6.0	5.6	5.7	6.0	5.4	6.8	7.2	7.0	6.9	0.9
Academic year .....	10.7	8.2	7.3	7.8	6.7	6.0	6.0	5.3	4.3	4.1	4.1	3.8	-4.4
One quarter .....	4.0	4.7	4.1	3.9	3.8	3.3	3.3	3.3	3.4	3.4	3.3	3.1	-1.6
Two quarters .....	0.9	0.7	0.6	0.5	0.4	0.5	1.3	0.9	0.5	0.6	0.5	0.4	-0.3
Calendar year .....	0.2	0.4	0.6	0.5	0.5	0.2	0.2	0.2	0.1	0.1	0.1	0.1	-0.3
Other.....	1.2	0.4	0.8	0.6	0.6	0.3	0.5	1.3	0.1	#	0.2	0.1	-0.3

†Not applicable.

#Rounds to zero.

<sup>1</sup>In 1999–2000 only, separate data were collected on foreign students who, while studying in the United States on visas, left the United States for a period of time to study abroad elsewhere.

<sup>2</sup>Asia excludes the Middle Eastern countries (Bahrain, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Oman, the Palestinian Authority, Qatar, Saudi Arabia, Syria, the United Arab Emirates, and Yemen).

<sup>3</sup>Cyprus and Turkey were classified as being in the Middle East prior to 2004–05, but in Europe for 2004–05 and later years. Data for years prior to 2004–05 have been revised for comparability.

<sup>4</sup>Mexico and Central America are included in Latin America, not in North America.

<sup>5</sup>Includes Antarctica from 2002–03 onward.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: Institute of International Education, *Open Doors: Report on International Educational Exchange*, 2011. (This table was prepared May 2012.)









**Table 263. Total fall enrollment in degree-granting institutions, by level of enrollment, sex, attendance status, and race/ethnicity of student: Selected years, 1976 through 2011—Continued**

Level of enrollment, sex, attendance status, and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Female.....	669.1	747.0	955.4	1,213.4	1,476.5	1,513.5	1,556.0	1,614.8	1,688.4	1,727.8	1,721.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White.....	574.1	634.3	773.2	854.1	990.0	1,005.4	1,019.5	1,045.3	1,081.4	1,080.0	1,051.7	88.1	87.7	85.6	76.3	72.6	71.9	71.0	70.2	69.3	67.6	66.4
Total, selected races/ethnicities .....	77.2	88.6	129.6	265.7	374.0	393.5	416.5	444.8	478.3	516.7	533.3	11.9	12.3	14.4	23.7	27.4	28.1	29.0	29.8	30.7	32.4	33.6
Black .....	50.5	52.4	63.1	123.1	182.6	194.2	206.8	224.7	243.6	256.0	260.6	7.7	7.2	7.0	11.0	13.4	13.9	14.4	15.1	15.6	16.0	16.4
Hispanic .....	12.8	18.3	30.9	66.3	92.3	96.3	100.7	106.7	115.2	123.2	127.1	2.0	2.5	3.4	5.9	6.8	6.9	7.0	7.2	7.4	7.7	8.0
Asian/Pacific Islander .....	11.2	15.0	31.5	68.7	89.1	92.2	97.0	102.2	107.9	107.1	108.9	1.7	2.1	3.5	6.1	6.5	6.6	6.8	6.9	6.9	6.7	6.9
Asian .....	—	—	—	—	—	—	—	—	—	103.1	104.8	—	—	—	—	—	—	—	—	—	6.5	6.6
Pacific Islander .....	—	—	—	—	—	—	—	—	—	3.9	4.0	—	—	—	—	—	—	—	—	—	0.2	0.3
American Indian/Alaska Native .....	2.7	3.0	4.1	7.6	10.0	10.8	12.1	11.2	11.6	10.7	10.3	0.4	0.4	0.5	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6
Two or more races .....	—	—	—	—	—	—	—	—	—	19.7	26.5	—	—	—	—	—	—	—	—	—	1.2	1.7
Nonresident alien.....	17.8	24.1	52.5	93.6	112.4	114.6	120.1	124.8	128.7	131.1	136.6	†	†	†	†	†	†	†	†	†	†	†

—Not available.

†Not applicable.

NOTE: Race categories exclude persons of Hispanic ethnicity. Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the ear-

lier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared November 2012.)

Table 264. Total fall enrollment in degree-granting institutions, by level and control of institution and race/ethnicity of student: Selected years, 1976 through 2011

Level and control of institution and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
All students, total	10,985.6	12,086.8	13,818.6	15,312.3	17,487.5	17,758.9	18,248.1	19,102.8	20,427.7	21,016.1	20,994.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	9,076.1	9,833.0	10,722.5	10,462.1	11,495.4	11,572.4	11,756.2	12,088.8	12,730.8	12,722.5	12,394.2	84.3	83.5	79.9	70.8	68.0	67.4	66.7	65.5	64.5	62.7	61.2
Total, selected races/ethnicities	1,690.8	1,948.8	2,704.7	4,321.5	5,407.2	5,590.6	5,867.4	6,353.5	7,012.1	7,584.0	7,859.5	15.7	16.5	20.1	29.2	32.0	32.6	33.3	34.5	35.5	37.3	38.8
Black	1,033.0	1,106.8	1,247.0	1,730.3	2,214.6	2,279.6	2,383.4	2,584.5	2,919.8	3,038.8	3,067.9	9.6	9.4	9.3	11.7	13.1	13.3	13.5	14.0	14.8	15.0	15.1
Hispanic	383.8	471.7	782.4	1,461.8	1,882.0	1,964.3	2,076.2	2,272.9	2,546.7	2,741.4	2,890.1	3.6	4.0	5.8	9.9	11.1	11.4	11.8	12.3	12.9	13.5	14.3
Asian/Pacific Islander	197.9	286.4	572.4	978.2	1,134.4	1,165.5	1,217.9	1,302.8	1,337.7	1,282.2	1,282.5	1.8	2.4	4.3	6.6	6.7	6.8	6.9	7.1	6.8	6.3	6.3
Asian	—	—	—	—	—	—	—	—	—	1,218.1	1,216.6	—	—	—	—	—	—	—	—	—	6.0	6.0
Pacific Islander	—	—	—	—	—	—	—	—	—	64.0	65.9	—	—	—	—	—	—	—	—	—	0.3	0.3
American Indian/Alaska Native	76.1	83.9	102.8	151.2	176.3	181.1	190.0	193.3	207.9	196.4	186.1	0.7	0.7	0.8	1.0	1.0	1.1	1.1	1.0	1.1	1.0	0.9
Two or more races	—	—	—	—	—	—	—	—	—	325.3	432.9	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien	218.7	305.0	391.5	528.7	584.8	595.9	624.5	660.6	684.8	709.6	740.5	†	†	†	†	†	†	†	†	†	†	†
Public	8,641.0	9,456.4	10,844.7	11,752.8	13,021.8	13,180.1	13,490.8	13,972.2	14,810.6	15,142.8	15,110.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	7,094.5	7,656.1	8,385.4	7,963.4	8,518.2	8,540.5	8,640.3	8,817.7	9,234.6	9,187.1	8,935.1	83.5	82.7	79.2	69.8	67.3	66.7	66.0	65.1	64.3	62.5	61.0
Total, selected races/ethnicities	1,401.2	1,596.2	2,199.2	3,446.3	4,130.8	4,256.6	4,448.8	4,727.5	5,135.2	5,501.4	5,703.4	16.5	17.3	20.8	30.2	32.7	33.3	34.0	34.9	35.7	37.5	39.0
Black	831.2	876.1	976.4	1,319.2	1,580.4	1,612.6	1,667.6	1,759.2	1,937.2	1,988.6	2,013.3	9.8	9.5	9.2	11.6	12.5	12.6	12.7	13.0	13.5	13.5	13.8
Hispanic	336.8	406.2	671.4	1,229.3	1,525.6	1,594.3	1,685.4	1,832.4	2,017.7	2,157.4	2,275.8	4.0	4.4	6.3	10.8	12.1	12.5	12.9	13.5	14.0	14.7	15.5
Asian/Pacific Islander	165.7	239.7	461.0	770.5	881.9	903.8	942.5	982.9	1,018.5	969.5	958.3	2.0	2.6	4.4	6.8	7.0	7.1	7.2	7.3	7.1	6.6	6.5
Asian	—	—	—	—	—	—	—	—	—	195.0	185.4	—	—	—	—	—	—	—	—	—	1.3	1.3
Pacific Islander	—	—	—	—	—	—	—	—	—	44.0	43.0	—	—	—	—	—	—	—	—	—	0.3	0.3
American Indian/Alaska Native	67.5	74.2	90.4	127.3	143.0	145.9	153.3	153.0	161.8	151.0	142.4	0.8	0.8	0.9	1.1	1.1	1.1	1.2	1.1	1.1	1.0	1.0
Two or more races	—	—	—	—	—	—	—	—	—	234.9	313.5	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien	145.3	204.2	260.0	343.1	372.8	383.1	401.7	427.0	440.8	454.3	471.7	†	†	†	†	†	†	†	†	†	†	†
Private	2,344.6	2,630.4	2,973.9	3,559.5	4,465.6	4,578.7	4,757.3	5,130.7	5,617.1	5,873.3	5,883.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	1,981.6	2,176.9	2,337.0	2,498.7	2,977.3	3,032.0	3,116.0	3,271.1	3,496.2	3,535.4	3,459.1	87.3	86.1	82.2	74.1	70.0	69.4	68.7	66.8	65.1	62.9	61.6
Total, selected races/ethnicities	289.6	352.7	505.5	875.2	1,276.4	1,333.9	1,418.6	1,625.9	1,876.9	2,082.6	2,156.1	12.7	13.9	17.8	25.9	30.0	30.6	31.3	33.2	34.9	37.1	38.4
Black	201.8	230.7	270.6	411.1	634.2	667.0	715.7	825.3	982.7	1,050.1	1,054.6	8.9	9.1	9.5	12.2	14.9	15.3	15.8	16.9	18.3	18.7	18.8
Hispanic	47.0	65.6	111.0	232.5	356.4	370.1	390.7	440.5	529.0	584.1	614.3	2.1	2.6	3.9	6.9	8.4	8.5	8.6	9.0	9.8	10.4	10.9
Asian/Pacific Islander	32.2	46.7	111.5	207.7	252.4	261.7	275.4	319.9	319.1	312.7	324.2	1.4	1.8	3.9	6.2	5.9	6.0	6.1	6.5	5.9	5.6	5.8
Asian	—	—	—	—	—	—	—	—	—	292.6	301.2	—	—	—	—	—	—	—	—	—	5.2	5.4
Pacific Islander	—	—	—	—	—	—	—	—	—	20.0	22.9	—	—	—	—	—	—	—	—	—	0.4	0.4
American Indian/Alaska Native	8.6	9.7	12.4	23.9	33.3	35.2	36.7	40.3	46.1	45.4	43.6	0.4	0.4	0.4	0.7	0.8	0.8	0.8	0.8	0.9	0.8	0.8
Two or more races	—	—	—	—	—	—	—	—	—	90.4	119.3	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien	73.4	100.8	131.4	185.6	212.0	212.8	222.8	233.6	244.0	255.3	268.7	†	†	†	†	†	†	†	†	†	†	†
4-year, total	7,106.5	7,565.4	8,578.6	9,363.9	10,999.4	11,240.3	11,630.2	12,131.4	12,906.3	13,335.3	13,494.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	5,999.0	6,274.5	6,768.1	6,658.0	7,496.9	7,603.4	7,781.0	7,987.1	8,357.4	8,398.2	8,307.0	86.6	85.7	82.0	74.6	71.4	70.8	70.1	69.0	67.8	66.0	64.6
Total, selected races/ethnicities	931.0	1,049.9	1,486.1	2,266.1	3,009.5	3,134.4	3,320.5	3,588.4	3,964.4	4,328.2	4,542.6	13.4	14.3	18.0	25.4	28.6	29.2	29.9	31.0	32.2	34.0	35.4
Black	603.7	634.3	722.8	995.4	1,313.4	1,361.7	1,441.7	1,565.0	1,767.0	1,841.0	1,870.9	8.7	8.7	8.8	11.2	12.5	12.7	13.0	13.5	14.3	14.5	14.6
Hispanic	173.6	216.6	358.2	617.9	900.5	950.0	1,008.7	1,092.2	1,237.7	1,355.1	1,453.5	2.5	3.0	4.3	6.9	8.6	8.8	9.1	9.4	10.0	10.6	11.3
Asian/Pacific Islander	118.7	162.1	357.2	576.3	700.0	722.7	761.5	823.4	842.0	818.4	837.8	1.7	2.2	4.3	6.5	6.7	6.7	6.9	7.1	6.8	6.4	6.5
Asian	—	—	—	—	—	—	—	—	—	782.4	799.2	—	—	—	—	—	—	—	—	—	6.1	6.2
Pacific Islander	—	—	—	—	—	—	—	—	—	35.9	38.6	—	—	—	—	—	—	—	—	—	0.3	0.3
American Indian/Alaska Native	35.0	36.9	47.9	76.5	95.6	100.0	108.6	107.8	117.7	109.0	105.1	0.5	0.5	0.6	0.9	0.9	0.9	1.0	0.9	1.0	0.9	0.8
Two or more races	—	—	—	—	—	—	—	—	—	204.8	275.3	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien	176.5	240.9	324.3	439.7	493.1	502.5	528.7	555.9	584.6	608.9	644.6	†	†	†	†	†	†	†	†	†	†	†
Public	4,892.9	5,127.6	5,848.2	6,055.4	6,837.6	6,955.0	7,166.7	7,331.8	7,709.2	7,924.8	8,047.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White	4,120.2	4,243.0	4,605.6	4,311.2	4,678.1	4,720.8	4,813.6	4,879.2	5,057.8	5,070.4	5,027.7	86.1	85.1	81.5	74.4	71.4	70.8	70.2	69.6	68.7	67.0	65.6
Total, selected races/ethnicities	666.7	740.8	1,046.2	1,486.4	1,876.9	1,942.8	2,045.3	2,128.2	2,307.6	2,496.6	2,640.8	13.9	14.9	18.5	25.6	28.6	29.2	29.8	30.4	31.3	33.0	34.4

**Table 264. Total fall enrollment in degree-granting institutions, by level and control of institution and race/ethnicity of student: Selected years, 1976 through 2011—Continued**

Level and control of institution and race/ethnicity of student	Fall enrollment (in thousands)											Percentage distribution of U.S. residents										
	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011	1976	1980	1990	2000	2005	2006	2007	2008	2009	2010	2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Private .....	2,213.6	2,437.8	2,730.3	3,308.5	4,161.8	4,285.3	4,463.5	4,799.6	5,197.1	5,410.5	5,446.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	1,878.8	2,031.5	2,162.5	2,346.9	2,818.8	2,882.6	2,967.5	3,107.9	3,299.5	3,327.7	3,279.3	87.7	86.8	83.1	75.1	71.3	70.8	69.9	68.0	66.6	64.5	63.3
Total, selected races/ethnicities .....	264.3	309.2	439.8	779.7	1,132.5	1,191.6	1,275.3	1,460.2	1,656.7	1,831.6	1,901.8	12.3	13.2	16.9	24.9	28.7	29.2	30.1	32.0	33.4	35.5	36.7
Black .....	182.0	196.1	227.7	367.6	559.4	591.6	640.0	737.6	870.3	928.4	939.0	8.5	8.4	8.7	11.8	14.2	14.5	15.1	16.1	17.6	18.0	18.1
Hispanic .....	44.3	60.2	95.7	197.9	304.9	320.2	340.1	382.3	443.6	485.9	507.8	2.1	2.6	3.7	6.3	7.7	7.9	8.0	8.4	9.0	9.4	9.8
Asian/Pacific Islander .....	31.2	44.9	106.6	195.0	239.8	249.5	263.1	305.1	301.8	295.5	306.3	1.5	1.9	4.1	6.2	6.1	6.1	6.2	6.7	6.1	5.7	5.9
Asian .....	—	—	—	—	—	—	—	—	—	277.7	286.6	—	—	—	—	—	—	—	—	—	5.4	5.5
Pacific Islander .....	—	—	—	—	—	—	—	—	—	17.8	19.7	—	—	—	—	—	—	—	—	—	0.3	0.4
American Indian/Alaska Native .....	6.8	7.9	9.9	19.3	28.4	30.3	32.1	35.2	41.0	39.5	39.0	0.3	0.3	0.4	0.6	0.7	0.7	0.8	0.8	0.8	0.8	0.8
Two or more races .....	—	—	—	—	—	—	—	—	—	82.4	109.7	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien .....	70.5	97.1	127.9	181.9	210.4	211.1	220.8	231.5	240.8	251.2	265.4	†	†	†	†	†	†	†	†	†	†	†
<b>2-year, total .....</b>	<b>3,879.1</b>	<b>4,521.4</b>	<b>5,240.1</b>	<b>5,948.4</b>	<b>6,488.1</b>	<b>6,518.5</b>	<b>6,617.9</b>	<b>6,971.4</b>	<b>7,521.4</b>	<b>7,680.9</b>	<b>7,500.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White .....	3,077.1	3,558.5	3,954.3	3,804.1	3,998.6	3,969.1	3,975.2	4,101.6	4,373.4	4,324.4	4,087.2	80.2	79.8	76.4	64.9	62.5	61.8	60.9	59.7	58.9	57.0	55.2
Total, selected races/ethnicities .....	759.8	898.9	1,218.6	2,055.4	2,397.7	2,456.1	2,549.6	2,765.0	3,047.8	3,255.9	3,316.9	19.8	20.2	23.6	35.1	37.5	38.2	39.1	40.3	41.1	43.0	44.8
Black .....	429.3	472.5	524.3	734.9	901.1	917.9	941.7	1,019.5	1,152.8	1,197.7	1,197.1	11.2	10.6	10.1	12.5	14.1	14.3	14.4	14.8	15.5	15.8	16.2
Hispanic .....	210.2	255.1	424.2	843.9	981.5	1,014.3	1,067.4	1,180.7	1,309.0	1,386.4	1,436.6	5.5	5.7	8.2	14.4	15.3	15.8	16.4	17.2	17.6	18.3	19.4
Asian/Pacific Islander .....	79.2	124.3	215.2	401.9	434.4	442.8	456.4	479.4	495.7	463.8	444.7	2.1	2.8	4.2	6.9	6.8	6.9	7.0	7.0	6.7	6.1	6.0
Asian .....	—	—	—	—	—	—	—	—	—	435.7	417.4	—	—	—	—	—	—	—	—	—	5.7	5.6
Pacific Islander .....	—	—	—	—	—	—	—	—	—	28.1	27.3	—	—	—	—	—	—	—	—	—	0.4	0.4
American Indian/Alaska Native .....	41.2	47.0	54.9	74.7	80.7	81.1	81.4	85.5	90.3	87.4	81.0	1.1	1.1	1.1	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.1
Two or more races .....	—	—	—	—	—	—	—	—	—	120.5	157.6	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien .....	42.2	64.1	67.1	89.0	91.8	93.4	95.8	104.7	100.2	100.6	95.9	†	†	†	†	†	†	†	†	†	†	†
Public .....	3,748.1	4,328.8	4,996.5	5,697.4	6,184.2	6,225.1	6,324.1	6,640.3	7,101.4	7,218.0	7,062.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	2,974.3	3,413.1	3,779.8	3,652.2	3,840.1	3,819.7	3,826.7	3,938.5	4,176.8	4,116.7	3,907.4	80.2	80.0	76.6	65.1	63.0	62.3	61.4	60.2	59.6	57.8	56.1
Total, selected races/ethnicities .....	734.5	855.4	1,153.0	1,959.9	2,253.9	2,313.8	2,403.6	2,599.3	2,827.6	3,004.8	3,062.6	19.8	20.0	23.4	34.9	37.0	37.7	38.6	39.8	40.4	42.2	43.9
Black .....	409.5	437.9	481.4	691.4	826.3	842.5	865.9	931.9	1,040.4	1,076.0	1,081.4	11.0	10.3	9.8	12.3	13.6	13.7	13.9	14.3	14.9	15.1	15.5
Hispanic .....	207.5	249.8	408.9	809.2	930.0	964.4	1,016.8	1,122.5	1,223.6	1,288.2	1,330.1	5.6	5.9	8.3	14.4	15.3	15.7	16.3	17.2	17.5	18.1	19.1
Asian/Pacific Islander .....	78.2	122.5	210.3	389.2	421.8	430.6	444.1	464.5	478.4	446.7	426.8	2.1	2.9	4.3	6.9	6.9	7.0	7.1	7.1	6.8	6.3	6.1
Asian .....	—	—	—	—	—	—	—	—	—	420.8	402.8	—	—	—	—	—	—	—	—	—	5.9	5.8
Pacific Islander .....	—	—	—	—	—	—	—	—	—	25.9	24.0	—	—	—	—	—	—	—	—	—	0.4	0.3
American Indian/Alaska Native .....	39.3	45.2	52.4	70.1	75.7	76.2	76.8	80.4	85.1	81.5	76.3	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.1
Two or more races .....	—	—	—	—	—	—	—	—	—	112.5	147.9	—	—	—	—	—	—	—	—	—	1.6	2.1
Nonresident alien .....	39.2	60.3	63.6	85.2	90.2	91.6	93.9	102.6	97.1	96.5	92.5	†	†	†	†	†	†	†	†	†	†	†
Private .....	131.0	192.6	243.6	251.0	303.8	293.4	293.8	331.0	420.0	462.8	437.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	102.8	145.4	174.5	151.8	158.4	149.4	148.5	163.2	196.6	207.7	179.8	80.3	77.0	72.7	61.4	52.4	51.2	50.9	49.6	47.2	45.3	41.4
Total, selected races/ethnicities .....	25.3	43.5	65.6	95.5	143.8	142.3	143.3	165.7	220.2	251.0	254.3	19.7	23.0	27.3	38.6	47.6	48.8	49.1	50.4	52.8	54.7	58.6
Black .....	19.8	34.6	42.9	43.5	74.8	75.4	75.7	87.7	112.4	121.8	115.6	15.5	18.3	17.9	17.6	24.7	25.8	26.0	26.7	27.0	26.5	26.6
Hispanic .....	2.6	5.3	15.3	34.7	51.4	49.8	50.6	58.2	85.4	98.2	106.5	2.1	2.8	6.4	14.0	17.0	17.1	17.3	17.7	20.5	21.4	24.5
Asian/Pacific Islander .....	0.9	1.8	4.9	12.7	12.6	12.2	12.3	14.8	17.3	17.1	17.9	0.7	1.0	2.0	5.1	4.2	4.2	4.2	4.5	4.2	3.7	4.1
Asian .....	—	—	—	—	—	—	—	—	—	14.9	14.6	—	—	—	—	—	—	—	—	—	3.3	3.4
Pacific Islander .....	—	—	—	—	—	—	—	—	—	2.2	3.3	—	—	—	—	—	—	—	—	—	0.5	0.8
American Indian/Alaska Native .....	1.8	1.8	2.5	4.5	5.0	4.9	4.6	5.0	5.1	5.9	4.7	1.4	1.0	1.1	1.8	1.6	1.7	1.6	1.5	1.2	1.3	1.1
Two or more races .....	—	—	—	—	—	—	—	—	—	8.0	9.6	—	—	—	—	—	—	—	—	—	1.8	2.2
Nonresident alien .....	3.0	3.7	3.5	3.8	1.6	1.7	2.0	2.1	3.2	4.1	3.4	†	†	†	†	†	†	†	†	†	†	†

—Not available.

†Not applicable.

NOTE: Race categories exclude persons of Hispanic ethnicity. Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Data through 1990 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the ear-

lier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys, 1976 and 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:90); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared November 2012.)

**Table 265. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2011**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>United States .....</b>	<b>20,994,113</b>	<b>12,394,153</b>	<b>3,067,947</b>	<b>2,890,111</b>	<b>1,216,562</b>	<b>65,916</b>	<b>186,076</b>	<b>432,873</b>	<b>740,475</b>	<b>100.0</b>	<b>61.2</b>	<b>15.1</b>	<b>14.3</b>	<b>6.0</b>	<b>0.3</b>	<b>0.9</b>	<b>2.1</b>
Alabama .....	318,686	195,754	98,038	7,826	4,961	305	2,375	3,175	6,252	100.0	62.7	31.4	2.5	1.6	0.1	0.8	1.0
Alaska .....	34,932	22,345	1,188	2,538	1,522	287	4,087	2,128	837	100.0	65.5	3.5	7.4	4.5	0.8	12.0	6.2
Arizona .....	796,986	447,967	128,049	136,931	23,283	4,276	20,992	16,554	18,934	100.0	57.6	16.5	17.6	3.0	0.5	2.7	2.1
Arkansas .....	179,281	125,185	34,683	6,926	2,707	213	1,759	3,039	4,769	100.0	71.7	19.9	4.0	1.6	0.1	1.0	1.7
California .....	2,685,893	952,701	201,878	890,272	424,132	17,715	15,194	89,576	94,425	100.0	36.8	7.8	34.4	16.4	0.7	0.6	3.5
Colorado .....	365,820	250,535	29,371	50,152	12,666	1,053	4,242	9,413	8,388	100.0	70.1	8.2	14.0	3.5	0.3	1.2	2.6
Connecticut .....	201,638	131,955	23,822	24,038	9,296	207	604	3,780	7,936	100.0	68.1	12.3	12.4	4.8	0.1	0.3	2.0
Delaware .....	56,516	35,318	12,301	3,153	1,970	76	186	934	2,578	100.0	65.5	22.8	5.8	3.7	0.1	0.3	1.7
District of Columbia .....	90,213	43,263	25,599	5,863	5,785	121	292	1,649	7,641	100.0	52.4	31.0	7.1	7.0	0.1	0.4	2.0
Florida .....	1,143,698	562,862	230,863	257,389	36,313	2,129	4,591	18,082	31,469	100.0	50.6	20.8	23.1	3.3	0.2	0.4	1.6
Georgia .....	565,459	289,472	197,288	27,499	22,294	878	1,991	10,667	15,370	100.0	52.6	35.9	5.0	4.1	0.2	0.4	1.9
Hawaii .....	79,018	15,788	1,977	7,349	24,621	7,608	289	16,963	4,423	100.0	21.2	2.7	9.9	33.0	10.2	0.4	22.7
Idaho .....	90,142	75,608	995	6,584	1,504	755	1,162	1,272	2,262	100.0	86.0	1.1	7.5	1.7	0.9	1.3	1.4
Illinois .....	892,881	528,843	140,827	122,957	49,097	2,043	2,767	14,666	31,681	100.0	61.4	16.4	14.3	5.7	0.2	0.3	1.7
Indiana .....	457,824	348,448	49,365	20,171	9,819	297	1,584	7,207	20,933	100.0	79.8	11.3	4.6	2.2	0.1	0.4	1.6
Iowa .....	372,146	267,419	56,175	21,724	7,792	1,178	3,036	4,501	10,321	100.0	73.9	15.5	6.0	2.2	0.3	0.8	1.2
Kansas .....	216,662	159,159	17,024	14,685	5,490	288	3,074	4,197	12,745	100.0	78.1	8.3	7.2	2.7	0.1	1.5	2.1
Kentucky .....	293,766	243,179	30,205	6,037	3,769	286	829	4,582	4,879	100.0	84.2	10.5	2.1	1.3	0.1	0.3	1.6
Louisiana .....	265,856	153,686	83,203	10,469	6,260	263	1,760	3,211	7,004	100.0	59.4	32.1	4.0	2.1	0.1	0.7	1.2
Maine .....	72,297	64,018	1,940	1,624	1,368	61	877	1,169	1,240	100.0	90.1	2.7	2.3	1.9	0.1	1.2	1.6
Maryland .....	380,097	193,270	113,506	22,427	24,380	686	1,240	8,186	16,402	100.0	53.1	31.2	6.2	6.7	0.2	0.3	2.3
Massachusetts .....	508,554	330,153	43,063	46,247	36,267	459	1,528	11,682	39,155	100.0	70.3	9.2	9.9	7.7	0.1	0.3	2.5
Michigan .....	685,526	491,140	104,641	22,992	21,702	873	4,987	12,910	26,281	100.0	74.5	15.9	3.5	3.3	0.1	0.8	2.0
Minnesota .....	457,752	327,279	61,785	17,960	19,627	607	3,879	11,808	14,807	100.0	73.9	13.9	4.1	4.4	0.1	0.9	2.7
Mississippi .....	179,090	97,301	72,941	2,605	1,776	138	772	1,115	2,442	100.0	55.1	41.3	1.5	1.0	0.1	0.4	0.6
Missouri .....	456,997	334,853	67,932	16,769	11,700	833	2,669	7,676	14,565	100.0	75.7	15.4	3.8	2.6	0.2	0.6	1.7
Montana .....	54,042	44,328	407	1,568	563	103	4,601	1,096	1,376	100.0	84.2	0.8	3.0	1.1	0.2	8.7	2.1
Nebraska .....	142,875	115,025	8,666	8,254	3,423	252	1,303	1,756	4,196	100.0	82.9	6.2	6.0	2.5	0.2	0.9	1.3
Nevada .....	121,013	64,703	10,981	23,090	11,925	1,950	1,348	4,638	2,378	100.0	54.5	9.3	19.5	10.1	1.6	1.1	3.9
New Hampshire .....	77,444	64,966	2,547	3,548	2,354	64	451	961	2,553	100.0	86.7	3.4	4.7	3.1	0.1	0.6	1.3
New Jersey .....	443,750	238,359	65,423	77,594	36,319	1,748	1,332	5,645	17,330	100.0	55.9	15.3	18.2	8.5	0.4	0.3	1.3
New Mexico .....	157,555	59,199	4,860	69,282	2,618	370	14,399	2,822	4,005	100.0	38.6	3.2	45.1	1.7	0.2	9.4	1.8
New York .....	1,318,142	725,136	185,722	186,320	113,438	2,897	4,992	17,969	81,668	100.0	58.6	15.0	15.1	9.2	0.2	0.4	1.5
North Carolina .....	585,013	359,706	152,224	26,679	15,025	694	7,092	7,663	15,930	100.0	63.2	26.7	4.7	2.6	0.1	1.2	1.3
North Dakota .....	55,772	45,522	1,496	1,238	748	67	2,801	754	3,146	100.0	86.5	2.8	2.4	1.4	0.1	5.3	1.4
Ohio .....	735,026	556,130	104,719	20,539	15,460	470	2,874	10,291	24,543	100.0	78.3	14.7	2.9	2.2	0.1	0.4	1.4
Oklahoma .....	230,154	148,159	23,812	12,201	5,814	350	21,472	9,235	9,111	100.0	67.0	10.8	5.5	2.6	0.2	9.7	4.2
Oregon .....	259,061	192,385	7,710	22,609	13,346	1,808	4,082	8,017	9,104	100.0	77.0	3.1	9.0	5.3	0.7	1.6	3.2
Pennsylvania .....	787,789	573,057	93,374	40,619	33,986	1,076	2,144	11,956	31,577	100.0	75.8	12.3	5.4	4.5	0.1	0.3	1.6
Rhode Island .....	84,644	60,835	5,800	8,336	3,778	57	329	1,171	4,338	100.0	75.8	7.2	10.4	4.7	0.1	0.4	1.5

See notes at end of table.

**Table 265. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2011—Continued**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
South Carolina .....	260,002	164,107	75,260	7,370	3,715	346	1,092	3,972	4,230	100.0	64.1	29.4	2.9	1.5	0.1	0.4	1.6
South Dakota .....	55,899	46,646	1,516	1,226	529	107	3,747	851	1,277	100.0	85.4	2.8	2.2	1.0	0.2	6.9	1.6
Tennessee .....	350,275	244,781	73,761	10,024	6,800	339	1,165	6,658	6,747	100.0	71.3	21.5	2.9	2.0	0.1	0.3	1.9
Texas .....	1,564,387	675,557	221,052	498,127	81,422	2,556	7,808	22,808	55,057	100.0	44.8	14.6	33.0	5.4	0.2	0.5	1.5
Utah .....	264,396	213,343	7,001	21,058	6,384	1,933	2,754	4,835	7,088	100.0	82.9	2.7	8.2	2.5	0.8	1.1	1.9
Vermont .....	45,143	39,171	1,138	1,586	1,044	36	260	966	942	100.0	88.6	2.6	3.6	2.4	0.1	0.6	2.2
Virginia .....	588,465	351,322	135,201	36,092	32,117	1,636	2,452	13,790	15,855	100.0	61.4	23.6	6.3	5.6	0.3	0.4	2.4
Washington .....	372,841	250,934	17,978	31,551	33,185	2,335	5,427	15,009	16,422	100.0	70.4	5.0	8.9	9.3	0.7	1.5	4.2
West Virginia .....	162,308	126,061	12,432	7,051	9,247	474	1,058	2,954	3,031	100.0	79.1	7.8	4.4	5.8	0.3	0.7	1.9
Wisconsin .....	376,603	303,460	24,734	16,911	12,000	418	3,506	5,941	9,633	100.0	82.7	6.7	4.6	3.3	0.1	1.0	1.6
Wyoming .....	38,092	32,522	489	2,491	347	95	719	432	997	100.0	87.7	1.3	6.7	0.9	0.3	1.9	1.2
U.S. Service Academies .....	15,692	11,328	985	1,560	874	100	102	541	202	100.0	73.1	6.4	10.1	5.6	0.6	0.7	3.5
<b>Other jurisdictions .....</b>	<b>267,159</b>	<b>1,071</b>	<b>2,493</b>	<b>248,224</b>	<b>2,928</b>	<b>10,663</b>	<b>68</b>	<b>1,070</b>	<b>642</b>	<b>100.0</b>	<b>0.4</b>	<b>0.9</b>	<b>93.1</b>	<b>1.1</b>	<b>4.0</b>	<b>0.0</b>	<b>0.4</b>
American Samoa .....	2,091	4	0	1	7	1,933	0	0	146	100.0	0.2	0.0	0.1	0.4	99.4	0.0	0.0
Federated States of Micronesia .....	2,915	3	0	0	2	2,910	0	0	0	100.0	0.1	0.0	0.0	0.1	99.8	0.0	0.0
Guam .....	6,360	246	42	34	2,492	3,483	9	4	50	100.0	3.9	0.7	0.5	39.5	55.2	0.1	0.1
Marshall Islands .....	989	0	0	0	0	984	1	0	4	100.0	0.0	0.0	0.0	0.0	99.9	0.1	0.0
Northern Marianas .....	1,046	13	5	5	251	599	1	49	123	100.0	1.4	0.5	0.5	27.2	64.9	0.1	5.3
Palau .....	742	0	1	0	6	733	2	0	0	100.0	0.0	0.1	0.0	0.8	98.8	0.3	0.0
Puerto Rico .....	250,402	639	354	248,004	161	20	47	998	179	100.0	0.3	0.1	99.1	0.1	#	#	0.4
U.S. Virgin Islands .....	2,614	166	2,091	180	9	1	8	19	140	100.0	6.7	84.5	7.3	0.4	#	0.3	0.8

#Rounds to zero.

NOTE: Race categories exclude persons of Hispanic ethnicity. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared November 2012.)

**Table 266. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2010**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>United States .....</b>	<b>21,016,126</b>	<b>12,722,549</b>	<b>3,038,751</b>	<b>2,741,448</b>	<b>1,218,118</b>	<b>64,046</b>	<b>196,374</b>	<b>325,275</b>	<b>709,565</b>	<b>100.0</b>	<b>62.7</b>	<b>15.0</b>	<b>13.5</b>	<b>6.0</b>	<b>0.3</b>	<b>1.0</b>	<b>1.6</b>
Alabama .....	327,327	201,686	101,659	7,569	4,983	252	2,630	2,238	6,310	100.0	62.8	31.7	2.4	1.6	0.1	0.8	0.7
Alaska .....	33,653	22,263	1,054	2,018	1,399	266	3,968	1,906	779	100.0	67.7	3.2	6.1	4.3	0.8	12.1	5.8
Arizona .....	795,388	463,078	124,336	130,984	22,192	4,221	21,588	10,885	18,104	100.0	59.6	16.0	16.9	2.9	0.5	2.8	1.4
Arkansas .....	175,895	124,345	33,786	6,186	2,682	182	1,675	2,625	4,414	100.0	72.5	19.7	3.6	1.6	0.1	1.0	1.5
California .....	2,714,172	1,021,262	210,445	847,507	440,641	18,523	17,964	66,889	90,941	100.0	38.9	8.0	32.3	16.8	0.7	0.7	2.5
Colorado .....	372,025	257,891	30,953	50,043	12,906	1,060	4,557	6,993	7,622	100.0	70.8	8.5	13.7	3.5	0.3	1.3	1.9
Connecticut .....	199,384	132,283	23,302	22,397	9,117	176	575	3,671	7,863	100.0	69.1	12.2	11.7	4.8	0.1	0.3	1.9
Delaware .....	55,731	35,752	12,168	2,837	1,980	69	188	700	2,037	100.0	66.6	22.7	5.3	3.7	0.1	0.4	1.3
District of Columbia .....	91,992	45,558	26,298	5,659	6,214	132	349	1,054	6,728	100.0	53.4	30.8	6.6	7.3	0.2	0.4	1.2
Florida .....	1,125,469	570,295	225,760	243,216	36,470	1,792	4,735	12,728	30,473	100.0	52.1	20.6	22.2	3.3	0.2	0.4	1.2
Georgia .....	568,723	296,125	201,192	22,894	22,013	830	1,986	9,224	14,459	100.0	53.4	36.3	4.1	4.0	0.1	0.4	1.7
Hawaii .....	78,073	16,836	1,986	6,113	24,246	8,046	344	15,618	4,884	100.0	23.0	2.7	8.4	33.1	11.0	0.5	21.3
Idaho .....	85,201	72,699	1,113	5,686	1,561	513	1,101	738	1,790	100.0	87.2	1.3	6.8	1.9	0.6	1.3	0.9
Illinois .....	906,889	549,135	142,143	119,125	49,648	2,031	2,892	11,732	30,183	100.0	62.6	16.2	13.6	5.7	0.2	0.3	1.3
Indiana .....	459,423	355,310	49,677	18,689	9,784	293	1,707	5,411	18,552	100.0	80.6	11.3	4.2	2.2	0.1	0.4	1.2
Iowa .....	381,842	281,426	46,699	23,362	9,958	859	2,776	4,780	11,982	100.0	76.1	12.6	6.3	2.7	0.2	0.8	1.3
Kansas .....	214,859	161,265	15,878	13,533	5,143	243	3,230	3,226	12,341	100.0	79.6	7.8	6.7	2.5	0.1	1.6	1.6
Kentucky .....	291,102	242,717	30,282	5,479	3,503	248	939	3,531	4,403	100.0	84.7	10.6	1.9	1.2	0.1	0.3	1.2
Louisiana .....	263,638	155,553	82,690	8,396	5,915	140	1,672	2,457	6,815	100.0	60.6	32.2	3.3	2.3	0.1	0.7	1.0
Maine .....	72,985	64,986	1,951	1,549	1,371	73	961	811	1,283	100.0	90.6	2.7	2.2	1.9	0.1	1.3	1.1
Maryland .....	377,967	196,590	112,474	21,549	24,399	587	1,381	5,779	15,208	100.0	54.2	31.0	5.9	6.7	0.2	0.4	1.6
Massachusetts .....	508,302	340,502	43,539	42,115	36,511	483	1,797	7,629	35,726	100.0	72.1	9.2	8.9	7.7	0.1	0.4	1.6
Michigan .....	698,125	509,649	103,410	22,463	22,062	895	5,226	9,230	25,190	100.0	75.7	15.4	3.3	3.3	0.1	0.8	1.4
Minnesota .....	465,336	339,204	60,448	16,862	19,139	511	4,179	11,067	13,926	100.0	75.1	13.4	3.7	4.2	0.1	0.9	2.5
Mississippi .....	178,197	97,918	71,865	2,416	1,770	184	753	846	2,445	100.0	55.7	40.9	1.4	1.0	0.1	0.4	0.5
Missouri .....	444,695	331,901	63,346	15,586	11,225	607	2,737	5,521	13,772	100.0	77.0	14.7	3.6	2.6	0.1	0.6	1.3
Montana .....	53,312	44,073	409	1,483	553	87	4,642	891	1,174	100.0	84.5	0.8	2.8	1.1	0.2	8.9	1.7
Nebraska .....	144,682	118,511	8,496	7,397	3,406	219	1,243	1,222	4,188	100.0	84.4	6.0	5.3	2.4	0.2	0.9	0.9
Nevada .....	129,360	70,654	11,025	25,290	12,135	2,263	1,430	4,033	2,530	100.0	55.7	8.7	19.9	9.6	1.8	1.1	3.2
New Hampshire .....	75,594	64,753	2,189	3,040	2,089	71	445	775	2,232	100.0	88.3	3.0	4.1	2.8	0.1	0.6	1.1
New Jersey .....	444,091	243,978	65,148	74,628	35,416	1,635	1,648	3,639	17,999	100.0	57.3	15.3	17.5	8.3	0.4	0.4	0.9
New Mexico .....	162,652	63,058	5,274	71,260	2,837	287	14,220	2,008	3,708	100.0	39.7	3.3	44.8	1.8	0.2	8.9	1.3
New York .....	1,305,595	737,122	182,707	174,360	108,164	2,496	5,230	13,792	81,724	100.0	60.2	14.9	14.2	8.8	0.2	0.4	1.1
North Carolina .....	586,042	367,956	152,022	24,331	13,595	839	7,149	5,444	14,706	100.0	64.4	26.6	4.3	2.4	0.1	1.3	1.0
North Dakota .....	56,903	47,140	1,291	833	606	74	3,381	373	3,205	100.0	87.8	2.4	1.6	1.1	0.1	6.3	0.7
Ohio .....	744,947	570,852	106,136	19,673	15,375	431	3,063	7,091	22,326	100.0	79.0	14.7	2.7	2.1	0.1	0.4	1.0
Oklahoma .....	230,573	151,870	23,514	10,720	5,959	382	22,532	6,799	8,797	100.0	68.5	10.6	4.8	2.7	0.2	10.2	3.1
Oregon .....	250,331	189,352	7,247	21,029	13,581	1,683	4,101	5,214	8,124	100.0	78.2	3.0	8.7	5.6	0.7	1.7	2.2
Pennsylvania .....	803,593	596,016	94,269	38,527	33,925	751	2,474	8,139	29,492	100.0	77.0	12.2	5.0	4.4	0.1	0.3	1.1
Rhode Island .....	85,110	62,538	5,660	7,589	4,010	52	398	817	4,046	100.0	77.1	7.0	9.4	4.9	0.1	0.5	1.0

See notes at end of table.

**Table 266. Fall enrollment in degree-granting institutions, by race/ethnicity of student and state or jurisdiction: 2010—Continued**

State or jurisdiction	Number									Percentage distribution of U.S. residents							
	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races	Non-resident alien	Total	White	Black	Hispanic	Asian	Pacific Islander	American Indian/ Alaska Native	Two or more races
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
South Carolina .....	257,293	164,081	74,582	6,598	3,758	274	1,084	3,028	3,888	100.0	64.8	29.4	2.6	1.5	0.1	0.4	1.2
South Dakota .....	58,370	48,307	1,246	1,115	483	106	5,096	812	1,205	100.0	84.5	2.2	2.0	0.8	0.2	8.9	1.4
Tennessee .....	351,988	248,301	74,647	9,448	6,776	336	1,255	4,766	6,459	100.0	71.9	21.6	2.7	2.0	0.1	0.4	1.4
Texas .....	1,536,858	693,401	209,393	472,438	79,805	2,321	8,165	15,794	55,541	100.0	46.8	14.1	31.9	5.4	0.2	0.6	1.1
Utah .....	252,107	208,929	5,808	17,084	5,987	2,019	2,743	2,760	6,777	100.0	85.2	2.4	7.0	2.4	0.8	1.1	1.1
Vermont .....	45,572	39,970	1,034	1,426	1,053	25	281	772	1,011	100.0	89.7	2.3	3.2	2.4	0.1	0.6	1.7
Virginia .....	576,010	354,478	129,731	32,390	31,858	1,744	2,552	8,383	14,874	100.0	63.2	23.1	5.8	5.7	0.3	0.5	1.5
Washington .....	388,110	268,919	18,324	30,591	34,496	1,842	6,024	13,789	14,125	100.0	71.9	4.9	8.2	9.2	0.5	1.6	3.7
West Virginia .....	152,431	124,021	13,925	6,086	2,101	413	743	2,246	2,896	100.0	82.9	9.3	4.1	1.4	0.3	0.5	1.5
Wisconsin .....	383,986	313,397	24,778	16,042	12,119	331	3,770	4,526	9,023	100.0	83.6	6.6	4.3	3.2	0.1	1.0	1.2
Wyoming .....	38,298	32,916	542	2,314	328	69	692	358	1,079	100.0	88.4	1.5	6.2	0.9	0.2	1.9	1.0
U.S. Service Academies .....	15,925	11,727	900	1,523	871	80	103	515	206	100.0	74.6	5.7	9.7	5.5	0.5	0.7	3.3
<b>Other jurisdictions .....</b>	<b>264,237</b>	<b>875</b>	<b>2,377</b>	<b>246,110</b>	<b>2,784</b>	<b>10,370</b>	<b>73</b>	<b>905</b>	<b>743</b>	<b>100.0</b>	<b>0.3</b>	<b>0.9</b>	<b>93.4</b>	<b>1.1</b>	<b>3.9</b>	<b>#</b>	<b>0.3</b>
American Samoa .....	2,193	9	0	0	9	2,008	1	0	166	100.0	0.4	0.0	0.0	0.4	99.1	#	0.0
Federated States of Micronesia .....	2,699	2	0	0	3	2,694	0	0	0	100.0	0.1	0.0	0.0	0.1	99.8	0.0	0.0
Guam .....	6,188	224	38	37	2,442	3,388	17	0	42	100.0	3.6	0.6	0.6	39.7	55.1	0.3	0.0
Marshall Islands .....	869	0	0	0	0	867	0	0	2	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Northern Marianas .....	1,137	23	2	3	215	703	1	27	163	100.0	2.4	0.2	0.3	22.1	72.2	0.1	2.8
Palau .....	694	0	0	0	9	685	0	0	0	100.0	0.0	0.0	0.0	1.3	98.7	0.0	0.0
Puerto Rico .....	247,724	460	145	245,883	102	25	53	878	178	100.0	0.2	0.1	99.3	#	#	#	0.4
U.S. Virgin Islands .....	2,733	157	2,192	187	4	0	1	0	192	100.0	6.2	86.3	7.4	0.2	0.0	#	0.0

#Rounds to zero.

NOTE: Race categories exclude persons of Hispanic ethnicity. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2010, Enrollment component. (This table was prepared October 2010.)

**Table 267. Fall enrollment of males and females and specific racial/ethnic groups in degree-granting institutions, by control and level of institution and percentage of U.S. resident enrollment in the same racial/ethnic group: 2011**

Sex, racial/ethnic group, and percentage of U.S. resident enrollment	Total, all institutions	Public institutions								Nonprofit institutions							For-profit institutions			
		Total	4-year						2-year	Total	4-year					2-year	Total	4-year	2-year	
			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research <sup>3</sup>	Master's <sup>4</sup>	Baccalau- reate <sup>5</sup>	Special focus <sup>6</sup>			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research <sup>3</sup>	Master's <sup>4</sup>	Baccalau- reate <sup>5</sup>					Special focus <sup>6</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
All institutions																				
Total enrollment .....	20,994,113	15,110,196	2,341,040	1,473,049	404,864	2,638,999	1,099,460	90,317	7,062,467	3,927,186	545,127	322,039	325,374	1,538,715	804,338	351,729	39,864	1,956,731	1,559,080	397,651
Sex .....																				
Male .....	9,026,499	6,656,236	1,151,958	687,934	167,715	1,105,155	481,910	34,217	3,027,347	1,665,150	270,059	147,991	131,938	595,074	334,410	171,838	13,840	705,113	574,646	130,467
Female .....	11,967,614	8,453,960	1,189,082	785,115	237,149	1,533,844	617,550	56,100	4,035,120	2,262,036	275,068	174,048	193,436	943,641	469,928	179,891	26,024	1,251,618	984,434	267,184
Race/ethnicity .....																				
White .....	12,394,153	8,935,068	1,481,610	960,204	244,201	1,653,193	635,841	52,621	3,907,398	2,530,624	288,298	201,447	193,519	1,044,380	552,626	231,213	19,141	928,461	767,814	160,647
Black .....	3,067,947	2,013,346	153,904	151,621	99,393	350,368	169,651	6,963	1,081,446	494,648	32,376	34,009	40,871	209,692	128,975	36,947	11,778	559,953	456,100	103,853
Hispanic .....	2,890,111	2,275,792	210,458	166,883	31,622	330,112	200,346	6,310	1,330,061	317,843	42,676	26,839	37,871	132,169	51,440	22,012	4,836	296,476	194,786	101,690
Asian .....	1,216,562	915,315	234,713	71,129	10,170	144,066	41,060	11,367	402,810	235,872	75,165	21,602	25,195	60,666	21,847	29,879	1,518	65,375	52,293	13,082
Pacific Islander .....	65,916	42,969	4,954	2,867	303	5,790	4,925	126	24,004	10,227	630	475	844	4,529	2,282	1,325	142	12,720	9,584	3,136
American Indian/ Alaska Native .....	186,076	142,429	13,342	11,932	1,881	21,717	9,723	7,542	76,292	23,045	1,643	910	1,506	8,470	4,685	4,842	989	20,602	16,925	3,677
Two or more races .....	432,873	313,534	52,000	30,258	5,814	54,910	21,256	1,350	147,946	76,009	14,822	6,234	6,748	25,794	15,986	5,886	539	43,330	34,225	9,105
Nonresident alien .....	740,475	471,743	190,059	78,155	11,480	78,843	16,658	4,038	92,510	238,918	89,517	30,523	18,820	53,015	26,497	19,625	921	29,814	27,353	2,461
White enrollment, by percentage White																				
Less than 10.0 percent .....	35,163	28,874	0	575	2,378	4,765	6,966	200	13,990	2,422	0	102	12	770	1,124	224	190	3,867	1,417	2,450
10.0 to 24.9 percent .....	208,433	166,935	8,617	8,379	4,242	14,780	9,851	0	121,066	7,214	0	0	0	2,846	1,892	1,606	870	34,284	20,052	14,232
25.0 to 49.9 percent .....	1,481,174	1,131,987	102,374	64,996	4,326	186,443	66,269	5,932	701,647	125,913	14,877	11,945	24,909	40,249	20,658	9,222	4,053	223,274	180,176	43,098
50.0 to 74.9 percent .....	4,969,458	3,273,256	554,959	374,604	98,815	441,740	243,389	22,094	1,537,655	1,133,249	246,356	105,310	111,083	434,403	112,819	117,860	5,418	562,953	503,835	59,118
75.0 to 89.9 percent .....	4,685,780	3,541,495	791,545	449,937	134,440	753,585	229,349	24,217	1,158,422	1,058,541	27,065	84,090	57,515	496,983	319,901	67,392	5,595	85,744	54,056	31,688
90.0 percent or more .....	1,014,145	792,521	24,115	61,713	0	251,880	80,017	178	374,618	203,285	0	0	0	69,129	96,232	34,909	3,015	18,339	8,278	10,061
Black enrollment, by percentage Black																				
Less than 10.0 percent .....	542,187	396,824	89,617	38,136	6,497	80,783	17,438	3,036	161,317	124,926	28,302	16,109	9,392	40,062	21,501	9,158	402	20,437	13,037	7,400
10.0 to 24.9 percent .....	893,497	676,512	45,428	91,774	31,758	95,898	66,094	3,408	342,152	152,098	4,074	349	18,523	87,599	28,195	11,852	1,506	64,887	47,722	17,165
25.0 to 49.9 percent .....	1,040,513	583,360	18,859	13,594	8,993	76,595	57,058	120	408,141	116,103	0	7,840	9,205	68,781	17,852	7,591	4,834	341,050	302,939	38,111
50.0 to 74.9 percent .....	236,177	137,588	0	0	6,578	7,211	6,279	399	117,121	23,111	0	0	0	5,232	10,059	5,020	2,800	75,478	54,904	20,574
75.0 to 89.9 percent .....	175,204	113,010	0	0	24,370	43,374	9,580	0	35,686	13,288	0	0	0	6,509	3,928	1,636	1,215	48,906	32,789	16,117
90.0 percent or more .....	180,369	106,052	0	8,117	21,197	46,507	13,202	0	17,029	65,122	0	9,711	3,751	1,509	47,440	1,690	1,021	9,195	4,709	4,486
Hispanic enrollment, by percentage Hispanic																				
Less than 10.0 percent .....	544,872	365,294	70,058	43,009	13,274	65,898	28,169	2,499	142,387	125,852	21,454	11,324	5,363	50,773	25,792	10,284	862	53,726	48,291	5,435
10.0 to 24.9 percent .....	798,415	573,815	113,164	46,868	7,283	83,338	50,949	2,940	269,273	137,841	17,340	15,515	25,439	55,445	12,717	10,290	1,095	86,759	73,999	12,760
25.0 to 49.9 percent .....	892,588	767,113	27,236	22,750	4,215	113,449	44,784	871	553,808	41,178	3,882	0	7,069	16,788	10,119	874	2,446	84,297	47,038	37,259
50.0 to 74.9 percent .....	457,948	404,768	0	36,478	6,850	30,183	47,233	0	284,024	8,648	0	0	0	8,334	197	36	81	44,532	18,425	26,107
75.0 to 89.9 percent .....	104,686	81,197	0	17,778	0	0	0	0	63,419	3,680	0	0	0	829	2,615	236	0	19,809	4,464	15,345
90.0 percent or more .....	91,602	83,605	0	0	0	37,244	29,211	0	17,150	644	0	0	0	0	0	292	352	7,353	2,569	4,784
Asian enrollment, by percentage Asian																				
Less than 10.0 percent .....	508,175	374,294	82,021	36,372	10,170	52,130	23,756	1,458	168,387	94,847	3,522	12,803	11,601	42,617	16,440	7,277	587	39,034	32,013	7,021
10.0 to 24.9 percent .....	467,863	332,848	63,419	32,702	0	58,211	15,167	7,183	156,166	114,160	63,388	7,731	11,373	15,857	4,301	11,171	339	20,855	16,467	4,388
25.0 to 49.9 percent .....	237,746	208,173	89,273	2,055	0	33,725	2,137	2,726	78,257	25,324	8,255	1,068	2,221	1,972	852	10,364	592	4,249	2,685	1,564
50.0 to 74.9 percent .....	1,343	0	0	0	0	0	0	0	0	630	0	0	0	0	74	556	0	713	713	0
75.0 to 89.9 percent .....	771	0	0	0	0	0	0	0	0	495	0	0	0	0	180	315	0	276	167	109
90.0 percent or more .....	664	0	0	0	0	0	0	0	0	416	0	0	0	220	0	196	0	248	248	0

See notes at end of table.



**Table 267. Fall enrollment of males and females and specific racial/ethnic groups in degree-granting institutions, by control and level of institution and percentage of U.S. resident enrollment in the same racial/ethnic group: 2011—Continued**

Sex, racial/ethnic group, and percentage of U.S. resident enrollment	Total, all institutions	Public institutions								Nonprofit institutions								For-profit institutions		
		Total	4-year						2-year	Total	4-year						2-year	Total	4-year	2-year
			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research <sup>3</sup>	Master's <sup>4</sup>	Baccalau- reate <sup>5</sup>	Special focus <sup>6</sup>			Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research <sup>3</sup>	Master's <sup>4</sup>	Baccalau- reate <sup>5</sup>	Special focus <sup>6</sup>				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Pacific Islander enrollment, by percentage Pacific Islander</b>																				
Less than 10.0 percent .....	60,402	40,017	4,954	2,867	303	5,790	3,645	126	22,332	8,481	630	475	844	3,778	1,665	977	112	11,904	9,119	2,785
10.0 to 24.9 percent .....	4,779	2,952	0	0	0	0	1,280	0	1,672	1,410	0	0	0	751	324	305	30	417	66	351
25.0 to 49.9 percent .....	735	0	0	0	0	0	0	0	0	336	0	0	0	0	293	43	0	399	399	0
50.0 to 74.9 percent .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75.0 to 89.9 percent .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.0 percent or more .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>American Indian/Alaska Native enrollment, by percentage American Indian/Alaska Native</b>																				
Less than 10.0 percent .....	143,744	105,918	13,342	10,196	1,881	15,705	6,901	491	57,402	18,729	1,643	910	1,506	8,370	4,303	1,746	251	19,097	16,092	3,005
10.0 to 24.9 percent .....	12,925	11,579	0	1,736	0	2,393	1,750	48	5,652	143	0	0	0	100	0	0	43	1,203	635	568
25.0 to 49.9 percent .....	12,153	11,716	0	0	0	3,619	1,072	0	7,025	333	0	0	0	0	333	0	0	104	0	104
50.0 to 74.9 percent .....	2,027	472	0	0	0	0	0	0	472	1,357	0	0	0	0	49	1,308	0	198	198	0
75.0 to 89.9 percent .....	5,781	4,559	0	0	0	0	0	499	4,060	1,222	0	0	0	0	0	1,222	0	0	0	0
90.0 percent or more .....	9,446	8,185	0	0	0	0	0	6,504	1,681	1,261	0	0	0	0	0	566	695	0	0	0
<b>Two or more races enrollment, by percentage two or more races</b>																				
Less than 10.0 percent .....	408,567	294,934	47,791	30,258	5,814	54,910	17,939	1,350	136,872	72,866	14,822	6,234	6,748	24,463	14,620	5,513	466	40,767	33,038	7,729
10.0 to 24.9 percent .....	15,374	11,037	4,209	0	0	0	1,821	0	5,007	2,664	0	0	0	1,331	887	373	73	1,673	1,187	486
25.0 to 49.9 percent .....	8,932	7,563	0	0	0	0	1,496	0	6,067	479	0	0	0	0	479	0	0	890	0	890
50.0 to 74.9 percent .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75.0 to 89.9 percent .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90.0 percent or more .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Nonresident alien enrollment, by percentage nonresident alien<sup>7</sup></b>																				
Less than 10.0 percent .....	480,239	367,938	111,801	68,416	11,480	70,904	15,468	2,671	87,198	92,496	3,512	13,951	12,165	35,474	20,540	6,634	220	19,805	18,645	1,160
10.0 to 24.9 percent .....	234,720	99,753	78,258	9,739	0	3,887	1,190	1,367	5,312	126,278	78,941	11,665	6,626	16,291	4,071	8,402	282	8,689	8,604	85
25.0 to 49.9 percent .....	22,422	4,052	0	0	0	4,052	0	0	0	18,044	7,064	4,907	29	207	1,398	4,020	419	326	104	222
50.0 to 74.9 percent .....	1,827	0	0	0	0	0	0	0	0	1,509	0	0	0	732	488	289	0	318	0	318
75.0 to 89.9 percent .....	1,155	0	0	0	0	0	0	0	0	479	0	0	0	311	0	168	0	676	0	676
90.0 percent or more .....	112	0	0	0	0	0	0	0	0	112	0	0	0	0	0	112	0	0	0	0

<sup>1</sup>Research universities with a very high level of research activity.<sup>2</sup>Research universities with a high level of research activity.<sup>3</sup>Institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.<sup>4</sup>Institutions that award at least 50 master's degrees per year.<sup>5</sup>Institutions that primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate's degrees.<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.<sup>7</sup>Nonresident alien enrollment percentages based on total enrollment in the institution, rather than on the U.S. resident enrollment. NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared November 2012.)

**Table 268. Total fall enrollment in degree-granting institutions, by control and level of institution, level of enrollment, and race/ethnicity of student: 2011**

Level of enrollment and race/ethnicity of student	Total, all institutions	Public institutions									Nonprofit institutions									For-profit institutions		
		Total	4-year							2-year	Total	4-year							2-year			
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research university <sup>3</sup>	Master's <sup>4</sup>	Bacca-laureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research university <sup>3</sup>	Master's <sup>4</sup>	Bacca-laureate <sup>5</sup>		Special focus <sup>6</sup>	2-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Fall enrollment																						
All students, total .....	20,994,113	15,110,196	8,047,729	2,341,040	1,473,049	404,864	2,638,999	1,099,460	90,317	7,062,467	3,927,186	3,887,322	545,127	322,039	325,374	1,538,715	804,338	351,729	39,864	1,956,731	1,559,080	397,651
White .....	12,394,153	8,935,068	5,027,670	1,481,610	960,204	244,201	1,653,193	635,841	52,621	3,907,398	2,530,624	2,511,483	288,298	201,447	193,519	1,044,380	552,626	231,213	19,141	928,461	767,814	160,647
Black .....	3,067,947	2,013,346	931,900	153,904	151,621	99,393	350,368	169,651	6,963	1,081,446	494,648	482,870	32,376	34,009	40,871	209,692	128,975	36,947	11,778	559,953	456,100	103,853
Hispanic .....	2,890,111	2,275,792	945,731	210,458	166,883	31,622	330,112	200,346	6,310	1,330,061	317,843	313,007	42,676	26,839	37,871	132,169	51,440	22,012	4,836	296,476	194,786	101,690
Asian .....	1,216,562	915,315	512,505	234,713	71,129	10,170	144,066	41,060	11,367	402,810	235,872	234,354	75,165	21,602	25,195	60,666	21,847	29,879	1,518	65,375	52,293	13,082
Pacific Islander .....	65,916	42,969	18,965	4,954	2,867	303	5,790	4,925	126	24,004	10,227	10,085	630	475	844	4,529	2,282	1,325	142	12,720	9,584	3,136
American Indian/ Alaska Native .....	186,076	142,429	66,137	13,342	11,932	1,881	21,717	9,723	7,542	76,292	23,045	22,056	1,643	910	1,506	4,685	4,842	989	20,602	16,925	3,677	
Two or more races .....	432,873	313,534	165,588	52,000	30,258	5,814	54,910	21,256	1,350	147,946	76,009	75,470	14,822	6,234	6,748	25,794	15,986	5,886	539	43,330	34,225	9,105
Nonresident alien .....	740,475	471,743	379,233	190,059	78,155	11,480	78,843	16,658	4,038	92,510	238,918	237,997	89,517	30,523	18,820	53,015	26,497	19,625	921	29,814	27,353	2,461
Undergraduate .....	18,063,037	13,688,792	6,626,325	1,757,177	1,162,546	324,642	2,262,264	1,091,046	28,650	7,062,467	2,718,880	2,679,016	265,952	194,614	197,587	1,092,532	756,651	171,680	39,864	1,655,365	1,257,714	397,651
White .....	10,611,587	8,043,353	4,135,955	1,125,652	759,095	196,459	1,409,067	629,988	15,694	3,907,398	1,781,609	1,762,468	144,277	129,810	115,432	742,577	517,318	113,054	19,141	786,625	625,978	160,647
Black .....	2,698,872	1,881,024	799,578	121,523	127,240	82,054	298,591	168,557	1,613	1,081,446	361,948	350,170	16,680	17,799	25,074	147,135	122,883	20,599	11,778	455,900	352,047	103,853
Hispanic .....	2,685,064	2,175,230	845,169	178,411	143,687	26,144	295,329	199,856	1,742	1,330,061	237,010	232,174	26,185	16,297	25,919	102,281	49,261	12,231	4,836	272,824	171,134	101,690
Asian .....	1,025,766	829,332	426,522	193,317	57,567	7,595	125,802	40,655	1,586	402,810	143,938	142,420	43,386	13,236	16,035	39,820	20,115	9,828	1,518	52,496	39,414	13,082
Pacific Islander .....	59,285	40,695	16,691	3,914	2,375	247	5,235	4,874	46	24,004	7,435	7,293	249	307	577	3,293	2,198	669	142	11,155	8,019	3,136
American Indian/Alaska Native .....	169,949	133,885	57,593	10,221	10,009	1,475	19,095	9,667	7,126	76,292	18,133	17,144	943	598	909	6,265	4,404	4,025	989	17,931	14,254	3,677
Two or more races .....	390,187	293,937	145,991	43,459	25,944	5,111	49,894	21,082	501	147,946	57,971	57,432	9,429	4,499	4,830	20,560	15,324	2,790	539	38,279	29,174	9,105
Nonresident alien .....	422,327	291,336	198,826	80,680	36,629	5,557	59,251	16,367	342	92,510	110,836	109,915	24,803	12,068	8,811	30,601	25,148	8,484	921	20,155	17,694	2,461
Postbaccalaureate .....	2,931,076	1,421,404	1,421,404	583,863	310,503	80,222	376,735	8,414	61,667	†	1,208,306	1,208,306	279,175	127,425	127,787	446,183	47,687	180,049	†	301,366	301,366	†
White .....	1,782,566	891,715	891,715	355,958	201,109	47,742	244,126	5,853	36,927	†	749,015	749,015	144,021	71,637	78,087	301,803	35,308	118,159	†	141,836	141,836	†
Black .....	369,075	132,322	132,322	32,381	24,381	17,339	51,777	1,094	5,350	†	132,700	132,700	15,696	16,210	15,797	62,557	6,092	16,348	†	104,053	104,053	†
Hispanic .....	205,047	100,562	100,562	32,047	23,196	5,478	34,783	490	4,568	†	80,833	80,833	16,491	10,542	11,952	29,888	2,179	9,781	†	23,652	23,652	†
Asian .....	190,796	85,983	85,983	41,396	13,562	2,575	18,264	405	9,781	†	91,934	91,934	31,779	8,366	9,160	20,846	1,732	20,051	†	12,879	12,879	†
Pacific Islander .....	6,631	2,274	2,274	1,040	492	56	555	51	80	†	2,792	2,792	381	168	267	1,236	84	656	†	1,565	1,565	†
American Indian/Alaska Native .....	16,127	8,544	8,544	3,121	1,923	406	2,622	56	416	†	4,912	4,912	700	312	597	2,205	281	817	†	2,671	2,671	†
Two or more races .....	42,686	19,597	19,597	8,541	4,314	703	5,016	174	849	†	18,038	18,038	5,393	1,735	1,918	5,234	662	3,096	†	5,051	5,051	†
Nonresident alien .....	318,148	180,407	180,407	109,379	41,526	5,923	19,592	291	3,696	†	128,082	128,082	64,714	18,455	10,009	22,414	1,349	11,141	†	9,659	9,659	†
Percentage distribution of U.S. residents																						
U.S. residents, total .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	61.2	61.0	65.6	68.9	68.8	62.1	64.6	58.7	61.0	56.1	68.6	68.8	63.3	69.1	63.1	70.3	71.0	69.6	49.2	48.2	50.1	40.7
Black .....	15.1	13.8	12.2	7.2	10.9	25.3	13.7	15.7	8.1	15.5	13.4	13.2	7.1	11.7	13.3	14.1	16.6	11.1	30.2	29.1	29.8	26.3
Hispanic .....	14.3	15.5	12.3	9.8	12.0	8.0	12.9	18.5	7.3	19.1	8.6	8.6	9.4	9.2	12.4	8.9	6.6	6.6	12.4	15.4	12.7	25.7
Asian .....	6.0	6.3	6.7	10.9	5.1	2.6	5.6	3.8	13.2	5.8	6.4	6.4	16.5	7.4	8.2	4.1	2.8	9.0	3.9	3.4	3.4	3.3
Pacific Islander .....	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.5	0.1	0.3	0.3	0.3	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.7	0.6	0.8
American Indian/ Alaska Native .....	0.9	1.0	0.9	0.6	0.9	0.5	0.8	0.9	8.7	1.1	0.6	0.6	0.4	0.3	0.5	0.6	0.6	1.5	2.5	1.1	1.1	0.9
Two or more races .....	2.1	2.1	2.2	2.4	2.2	1.5	2.1	2.0	1.6	2.1	2.1	2.1	3.3	2.1	2.2	1.7	2.1	1.8	1.4	2.2	2.2	2.3
Undergraduate .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	60.2	60.0	64.3	67.1	67.4	61.6	64.0	58.6	55.4	56.1	68.3	68.6	59.8	71.1	61.1	69.9	70.7	69.3	49.2	48.1	50.5	40.7
Black .....	15.3	14.0	12.4	7.2	11.3	25.7	13.6	15.7	5.7	15.5	13.9	13.6	6.9	9.8	13.3	13.9	16.8	12.6	30.2	27.9	28.4	26.3
Hispanic .....	15.2	16.2	13.1	10.6	12.8	8.2	13.4	18.6	6.2	19.1	9.1	9.0	10.9	8.9	13.7	9.6	6.7	7.5	12.4	16.7	13.8	25.7
Asian .....	5.8	6.2	6.6	11.5	5.1	2.4	5.7	3.8	5.6	5.8	5.5	5.5	18.0	7.3	8.5	3.7	2.7	6.0	3.9	3.2	3.2	3.3
Pacific Islander .....	0.3	0.3	0.3	0.2	0.2	0.1	0.2	0.5	0.2	0.3	0.3	0.3	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.7	0.6	0.8
American Indian/Alaska Native .....	1.0	1.0	0.9	0.6	0.9	0.5	0.9	0.9	25.2	1.1	0.7	0.7	0.4	0.3	0.5	0.6	0.6	2.5	2.5	1.1	1.1	0.9
Two or more races .....	2.2	2.2	2.3	2.6	2.3	1.6	2.3	2.0	1.8	2.1	2.2	2.2	3.9	2.5	2.6	1.9	2.1	1.7	1.4	2.3	2.4	2.3

See notes at end of table.

**Table 268. Total fall enrollment in degree-granting institutions, by control and level of institution, level of enrollment, and race/ethnicity of student: 2011—Continued**

Level of enrollment and race/ethnicity of student	Total, all institutions	Public institutions									Nonprofit institutions									For-profit institutions		
		Total	4-year						2-year	Total	4-year						2-year					
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research university <sup>3</sup>	Master's <sup>4</sup>	Bacca-laureate <sup>5</sup>			Special focus <sup>6</sup>	Total	Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/ research university <sup>3</sup>		Master's <sup>4</sup>	Bacca-laureate <sup>5</sup>	Special focus <sup>6</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Postbaccalaureate.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	†	100.0	100.0	†
White.....	68.2	71.9	71.9	75.0	74.8	64.3	68.4	72.1	63.7	†	69.3	69.3	67.2	65.7	66.3	71.2	76.2	70.0	†	48.6	48.6	†
Black.....	14.1	10.7	10.7	6.8	9.1	23.3	14.5	13.5	9.2	†	12.3	12.3	7.3	14.9	13.4	14.8	13.1	9.7	†	35.7	35.7	†
Hispanic.....	7.8	8.1	8.1	6.8	8.6	7.4	9.7	6.0	7.9	†	7.5	7.5	7.7	9.7	10.1	7.1	4.7	5.8	†	8.1	8.1	†
Asian.....	7.3	6.9	6.9	8.7	5.0	3.5	5.1	5.0	16.9	†	8.5	8.5	14.8	7.7	7.8	4.9	3.7	11.9	†	4.4	4.4	†
Pacific Islander.....	0.3	0.2	0.2	0.2	0.2	0.1	0.2	0.6	0.1	†	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.4	†	0.5	0.5	†
American Indian/Alaska Native.....	0.6	0.7	0.7	0.7	0.7	0.5	0.7	0.7	0.7	†	0.5	0.5	0.3	0.3	0.5	0.5	0.6	0.5	†	0.9	0.9	†
Two or more races.....	1.6	1.6	1.6	1.8	1.6	0.9	1.4	2.1	1.5	†	1.7	1.7	2.5	1.6	1.6	1.2	1.4	1.8	†	1.7	1.7	†

†Not applicable.

<sup>1</sup>Research universities with a very high level of research activity.

<sup>2</sup>Research universities with a high level of research activity.

<sup>3</sup>Institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.

<sup>4</sup>Institutions that award at least 50 master's degrees per year.

<sup>5</sup>Institutions that primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate's degrees.

<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared November 2012.)

**Table 269. Number and percentage distribution of students enrolled in postsecondary institutions, by level, disability status, and selected student characteristics: 2003–04 and 2007–08**

[Standard errors appear in parentheses]

Selected student characteristic	Undergraduate						Postbaccalaureate, 2007–08 <sup>1</sup>		
	2003–04			2007–08 <sup>1</sup>			All students	Students with disabilities <sup>2</sup>	Nondisabled students
	All students	Students with disabilities <sup>2</sup>	Nondisabled students	All students	Students with disabilities <sup>2</sup>	Nondisabled students			
1	2	3	4	5	6	7	8	9	10
Number of students (in thousands) .....	19,054 (—)	2,154 (—)	16,900 (—)	20,762 (—)	2,270 (—)	18,492 (—)	3,492 (—)	256 (—)	3,236 (—)
Percentage distribution .....	100.0 (†)	11.3 (0.18)	88.7 (0.18)	100.0 (†)	10.9 (0.19)	89.1 (0.19)	100.0 (†)	7.3 (0.52)	92.7 (0.52)
Sex (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Male .....	42.4 (0.34)	42.0 (0.82)	42.5 (0.35)	43.0 (0.32)	42.6 (0.82)	43.0 (0.32)	39.8 (0.76)	39.4 (3.12)	39.8 (0.79)
Female .....	57.6 (0.34)	58.0 (0.82)	57.5 (0.35)	57.0 (0.32)	57.4 (0.82)	57.0 (0.32)	60.2 (0.76)	60.6 (3.12)	60.2 (0.79)
Race/ethnicity of student (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
White .....	62.9 (0.71)	65.0 (0.86)	62.6 (0.74)	61.2 (0.37)	65.6 (0.81)	60.7 (0.39)	66.2 (0.87)	64.2 (4.23)	66.3 (0.91)
Black .....	14.0 (0.60)	13.2 (0.73)	14.1 (0.61)	14.4 (0.31)	13.1 (0.55)	14.6 (0.32)	12.4 (0.67)	18.0 (4.84)	12.0 (0.73)
Hispanic .....	12.9 (0.39)	12.3 (0.55)	13.0 (0.40)	14.3 (0.29)	12.5 (0.59)	14.5 (0.30)	8.0 (0.43)	7.6 (1.12)	8.1 (0.45)
Asian/Pacific Islander .....	5.9 (0.30)	3.9 (0.40)	6.2 (0.31)	6.6 (0.18)	4.8 (0.37)	6.8 (0.19)	10.7 (0.38)	7.4 (1.12)	11.0 (0.41)
American Indian/Alaska Native .....	0.9 (0.10)	1.2 (0.17)	0.9 (0.11)	0.8 (0.09)	0.8 (0.12)	0.8 (0.09)	0.3 (0.06)	‡ (†)	0.3 (0.05)
Other .....	3.3 (0.16)	4.5 (0.35)	3.2 (0.15)	2.7 (0.09)	3.2 (0.27)	2.6 (0.09)	2.4 (0.35)	2.3 (0.60)	2.4 (0.37)
Age (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
15 to 23 .....	57.7 (0.51)	46.8 (0.91)	59.1 (0.50)	58.3 (0.29)	52.1 (0.77)	59.0 (0.31)	11.2 (0.49)	7.9 (1.08)	11.5 (0.53)
24 to 29 .....	16.9 (0.24)	15.2 (0.48)	17.1 (0.24)	17.9 (0.19)	20.9 (0.70)	17.6 (0.20)	39.3 (0.77)	35.8 (3.05)	39.6 (0.79)
30 or older .....	25.4 (0.46)	38.0 (0.92)	23.8 (0.46)	23.8 (0.26)	27.0 (0.70)	23.4 (0.29)	49.5 (0.91)	56.3 (3.37)	49.0 (0.91)
Attendance status (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Full-time, full-year .....	40.3 (0.42)	34.8 (0.72)	41.0 (0.42)	36.8 (0.24)	32.3 (0.70)	37.4 (0.26)	32.7 (0.62)	31.2 (3.21)	32.9 (0.66)
Part-time or part-year .....	59.7 (0.42)	65.2 (0.72)	59.0 (0.42)	63.2 (0.24)	67.7 (0.70)	62.6 (0.26)	67.3 (0.62)	68.8 (3.21)	67.1 (0.66)
Student housing status (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	— (†)	— (†)	— (†)
On-campus .....	14.2 (0.34)	10.9 (0.44)	14.6 (0.35)	13.5 (0.18)	10.6 (0.44)	13.8 (0.19)	— (†)	— (†)	— (†)
Off-campus .....	54.8 (1.19)	61.2 (1.62)	54.0 (1.16)	55.1 (0.33)	57.6 (0.73)	54.8 (0.34)	— (†)	— (†)	— (†)
With parents or relatives <sup>1</sup> .....	24.0 (0.69)	21.2 (0.68)	24.4 (0.72)	23.8 (0.31)	24.2 (0.65)	23.7 (0.32)	— (†)	— (†)	— (†)
Attended more than one institution .....	7.0 (1.66)	6.7 (1.71)	7.0 (1.66)	7.7 (0.15)	7.5 (0.34)	7.7 (0.15)	— (†)	— (†)	— (†)
Dependency status (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Dependent .....	50.5 (0.54)	40.4 (0.97)	51.8 (0.52)	51.3 (0.31)	44.8 (0.71)	52.1 (0.33)	— (†)	— (†)	— (†)
Independent, unmarried .....	14.8 (0.25)	19.0 (0.59)	14.2 (0.25)	15.7 (0.22)	20.2 (0.67)	15.1 (0.22)	49.5 (0.80)	51.8 (4.15)	49.3 (0.79)
Independent, married .....	7.7 (0.18)	9.0 (0.43)	7.5 (0.18)	6.6 (0.14)	7.2 (0.44)	6.5 (0.15)	16.9 (0.66)	12.9 (1.48)	17.2 (0.70)
Independent with dependents .....	27.0 (0.40)	31.6 (0.78)	26.4 (0.39)	26.4 (0.32)	27.7 (0.78)	26.2 (0.32)	33.7 (0.85)	35.3 (4.51)	33.5 (0.80)
Veteran status (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Veteran .....	3.3 (0.13)	6.0 (0.44)	2.9 (0.12)	3.3 (0.12)	4.6 (0.33)	3.2 (0.12)	3.1 (0.33)	6.6 (1.31)	2.8 (0.32)
Not veteran .....	96.7 (0.13)	94.0 (0.44)	97.1 (0.12)	96.7 (0.12)	95.4 (0.33)	96.8 (0.12)	96.9 (0.33)	93.4 (1.31)	97.2 (0.32)
Field of study (percent) .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Business/management .....	15.4 (0.26)	14.2 (0.61)	15.6 (0.25)	16.3 (0.27)	14.9 (0.66)	16.5 (0.28)	17.6 (0.99)	13.1 (2.33)	17.9 (0.98)
Education .....	6.7 (0.20)	6.3 (0.36)	6.7 (0.21)	5.7 (0.13)	5.2 (0.31)	5.7 (0.14)	24.1 (0.88)	28.7 (4.35)	23.8 (0.84)
Engineering/computer science/mathematics .....	9.4 (0.24)	9.3 (0.46)	9.4 (0.24)	8.9 (0.27)	8.6 (0.59)	8.9 (0.19)	8.5 (0.39)	6.2 (0.91)	8.7 (0.41)
Health .....	12.8 (0.31)	12.3 (0.51)	12.9 (0.32)	14.6 (0.27)	15.1 (0.67)	14.5 (0.27)	11.6 (0.39)	12.3 (2.24)	11.6 (0.37)
Humanities .....	10.3 (0.24)	10.9 (0.47)	10.3 (0.25)	15.0 (0.26)	16.8 (0.64)	14.8 (0.26)	6.6 (0.31)	5.9 (0.84)	6.6 (0.32)
Law .....	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	4.8 (0.26)	4.2 (0.62)	4.8 (0.28)
Life/physical sciences .....	4.5 (0.11)	4.2 (0.26)	4.5 (0.12)	6.0 (0.11)	5.4 (0.30)	6.1 (0.12)	4.6 (0.22)	4.0 (0.74)	4.7 (0.23)
Social/behavioral sciences .....	7.0 (0.15)	7.3 (0.34)	6.9 (0.16)	6.2 (0.11)	6.1 (0.38)	6.2 (0.12)	6.9 (0.54)	7.9 (1.41)	6.8 (0.55)
Vocational/technical .....	2.5 (0.15)	3.0 (0.23)	2.4 (0.15)	2.5 (0.18)	2.5 (0.25)	2.5 (0.19)	‡ (†)	‡ (†)	‡ (†)
Undeclared .....	21.7 (0.49)	22.3 (0.78)	21.6 (0.50)	14.3 (0.33)	14.5 (0.70)	14.3 (0.34)	6.7 (0.53)	6.1 (1.41)	6.8 (0.56)
Other .....	9.7 (0.25)	10.2 (0.48)	9.6 (0.26)	10.5 (0.21)	10.8 (0.44)	10.4 (0.21)	8.5 (0.39)	11.7 (1.65)	8.3 (0.39)

—Not available.

†Not applicable.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data have been revised from previously published figures.<sup>2</sup>Students with disabilities are those who reported that they had one or more of the following conditions: a specific learning disability, a visual handicap, hard of hearing, deafness, a speech disability, an orthopedic handicap, or a health impairment.

NOTE: Data are based on a sample survey of students who enrolled at any time during the school year. Data include Puerto Rico. Detail may not sum to totals because of survey item nonresponse and rounding. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 and 2007–08 National Postsecondary Student Aid Study (NPSAS:04 and NPSAS:08). (This table was prepared July 2013.)

**Table 270. Percentage of first-year undergraduate students who took remedial education courses, by selected student and institution characteristics: 2003–04 and 2007–08**

[Standard errors appear in parentheses]

Selected student or institution characteristic	2003–04 first-year undergraduates <sup>1</sup>								2007–08 first-year undergraduates <sup>1,2</sup>						
	Percent who ever took a remedial course	Percent who took remedial courses in 2003–04						Number of students (in thousands)	Percent who ever took a remedial course	Number who took a course in 2007–08 (in thousands)	Percent who took remedial courses in 2007–08				
		Any course	English	Mathematics	Reading	Studying	Writing				Any courses	1 course	2 courses	3 or more courses	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>Total</b> .....	<b>34.7 (0.37)</b>	<b>19.1 (0.29)</b>	<b>5.7 (0.22)</b>	<b>14.6 (0.26)</b>	<b>5.5 (0.17)</b>	<b>2.3 (0.10)</b>	<b>6.9 (0.18)</b>	<b>8,738</b>	<b>36.1 (0.38)</b>	<b>1,743</b>	<b>19.9 (0.35)</b>	<b>9.2 (0.23)</b>	<b>6.4 (0.19)</b>	<b>4.3 (0.18)</b>	
<b>Sex</b> .....															
Male .....	32.9 (0.52)	18.3 (0.45)	5.5 (0.30)	13.9 (0.41)	5.2 (0.22)	2.2 (0.15)	6.6 (0.27)	3,797	33.0 (0.53)	730	19.2 (0.50)	8.8 (0.35)	6.6 (0.28)	3.8 (0.22)	
Female .....	36.0 (0.55)	19.7 (0.39)	5.8 (0.23)	15.0 (0.33)	5.8 (0.24)	2.4 (0.15)	7.1 (0.26)	4,941	38.6 (0.51)	1,013	20.5 (0.46)	9.6 (0.32)	6.2 (0.24)	4.7 (0.24)	
<b>Race/ethnicity of student</b> .....															
White .....	31.7 (0.42)	17.7 (0.35)	4.9 (0.21)	13.5 (0.32)	4.4 (0.18)	2.2 (0.14)	6.4 (0.22)	4,980	31.3 (0.46)	881	17.7 (0.41)	8.7 (0.30)	5.3 (0.24)	3.7 (0.21)	
Black .....	41.2 (0.99)	22.4 (0.76)	7.5 (0.52)	17.1 (0.66)	7.8 (0.49)	2.9 (0.26)	6.9 (0.44)	1,467	45.1 (0.99)	359	24.4 (0.86)	11.4 (0.65)	7.5 (0.45)	5.5 (0.53)	
Hispanic .....	37.5 (0.92)	20.9 (0.69)	6.4 (0.52)	16.5 (0.63)	6.9 (0.49)	2.4 (0.25)	8.1 (0.48)	1,440	42.7 (1.08)	325	22.5 (0.78)	9.3 (0.51)	8.5 (0.48)	4.8 (0.40)	
Asian .....	39.6 (1.72)	17.6 (1.56)	8.2 (1.09)	10.9 (1.19)	7.0 (0.83)	1.8 (0.48)	8.4 (0.93)	464	38.9 (2.05)	93	20.0 (1.90)	7.2 (1.25)	7.5 (0.96)	5.3 (0.87)	
Pacific Islander .....	40.8 (5.11)	22.4 (4.55)	10.2 ! (4.18)	19.8 (4.64)	10.1 ! (4.07)	1.1 ! (1.1)	11.3 ! (4.00)	69	39.9 (4.63)	13	19.1 (3.90)	7.1 ! (2.16)	9.9 ! (3.11)	2.1 ! (0.84)	
American Indian/Alaska Native .....	44.8 (4.33)	23.6 (3.10)	3.4 (0.99)	17.3 (2.79)	8.4 (2.28)	3.9 ! (1.53)	8.0 (2.35)	82	48.0 (4.65)	24	29.6 (3.87)	11.8 (2.06)	9.4 (2.21)	8.5 (2.34)	
Two or more races .....	33.9 (2.01)	20.8 (1.80)	4.7 (0.90)	14.8 (1.48)	4.9 (0.98)	1.9 (0.48)	6.5 (1.12)	209	32.3 (2.29)	43	20.4 (2.06)	11.7 (1.47)	5.4 (1.07)	3.3 (0.78)	
Other .....	31.1 (2.78)	17.2 (2.34)	5.0 (1.35)	14.3 (2.12)	6.1 (1.30)	2.7 ! (0.86)	6.9 (1.63)	27	35.2 (6.00)	6	21.7 (5.11)	7.6 ! (3.74)	8.2 ! (2.56)	† (†)	
<b>Age</b> .....															
15 to 23 .....	33.6 (0.41)	21.3 (0.38)	6.5 (0.28)	16.0 (0.34)	6.4 (0.22)	2.5 (0.13)	8.2 (0.22)	5,247	34.5 (0.46)	1,152	22.0 (0.42)	10.0 (0.33)	7.4 (0.24)	4.6 (0.21)	
24 to 29 .....	34.9 (1.02)	15.9 (0.78)	4.3 (0.40)	12.8 (0.65)	4.0 (0.40)	2.1 (0.27)	5.0 (0.55)	1,460	39.5 (0.96)	282	19.3 (0.86)	9.0 (0.65)	6.0 (0.49)	4.4 (0.46)	
30 or older .....	37.4 (0.86)	15.6 (0.51)	4.5 (0.35)	12.1 (0.51)	4.4 (0.32)	2.1 (0.21)	4.6 (0.31)	2,032	37.9 (0.83)	309	15.2 (0.67)	7.4 (0.45)	4.2 (0.32)	3.6 (0.36)	
<b>Attendance status</b> .....															
Exclusively full-time .....	31.3 (0.46)	19.0 (0.37)	5.7 (0.22)	14.0 (0.35)	5.6 (0.22)	2.6 (0.15)	7.5 (0.23)	4,145	31.4 (0.53)	799	19.3 (0.45)	8.6 (0.30)	6.2 (0.30)	4.5 (0.22)	
Exclusively part-time .....	37.4 (0.65)	17.9 (0.51)	5.3 (0.31)	14.0 (0.46)	5.0 (0.28)	2.0 (0.16)	5.6 (0.28)	3,583	39.8 (0.70)	679	18.9 (0.59)	9.3 (0.35)	5.8 (0.34)	3.9 (0.30)	
Mixed full- and part-time .....	40.9 (0.96)	23.5 (0.84)	7.1 (0.56)	18.6 (0.79)	7.1 (0.47)	2.1 (0.25)	8.3 (0.45)	1,011	42.5 (0.98)	265	26.2 (0.93)	11.6 (0.61)	9.4 (0.52)	5.3 (0.48)	
<b>Student housing status</b> .....															
On-campus .....	24.5 (0.70)	16.8 (0.56)	4.8 (0.30)	11.3 (0.49)	4.8 (0.31)	2.4 (0.27)	8.2 (0.40)	1,021	23.2 (0.84)	175	17.1 (0.76)	8.8 (0.60)	5.1 (0.41)	3.2 (0.30)	
Off-campus .....	35.8 (0.59)	16.9 (0.40)	5.1 (0.30)	13.3 (0.35)	4.6 (0.22)	2.3 (0.15)	5.5 (0.28)	4,588	37.2 (0.57)	813	17.7 (0.48)	8.4 (0.32)	5.3 (0.25)	4.0 (0.26)	
With parents or relatives .....	37.6 (0.60)	24.2 (0.59)	7.1 (0.37)	18.3 (0.52)	7.6 (0.35)	2.5 (0.20)	8.6 (0.36)	2,578	39.4 (0.77)	643	24.9 (0.64)	10.8 (0.48)	8.8 (0.41)	5.3 (0.35)	
Attended more than one institution ....	36.5 (1.18)	18.3 (0.99)	6.4 (0.58)	14.5 (0.98)	5.0 (0.48)	2.2 (0.32)	6.3 (0.48)	552	36.1 (1.13)	112	20.3 (0.99)	9.6 (0.74)	6.4 (0.50)	4.3 (0.43)	
<b>Dependency status</b> .....															
Dependent .....	33.3 (0.45)	21.9 (0.40)	6.6 (0.27)	16.3 (0.35)	6.5 (0.24)	2.5 (0.14)	8.6 (0.23)	4,466	34.3 (0.50)	1,016	22.8 (0.46)	10.3 (0.36)	7.5 (0.26)	4.9 (0.24)	
Independent .....	36.3 (0.62)	16.1 (0.39)	4.8 (0.27)	12.7 (0.37)	4.5 (0.23)	2.2 (0.15)	5.0 (0.27)	4,272	38.0 (0.59)	727	17.0 (0.50)	8.1 (0.33)	5.2 (0.29)	3.7 (0.25)	
<b>Veteran status</b> .....															
Veteran .....	35.8 (2.32)	13.2 (1.52)	1.9 (0.51)	9.8 (1.40)	3.1 (0.68)	1.1 ! (0.33)	4.3 (0.84)	286	35.9 (2.37)	49	17.1 (2.09)	10.9 (1.57)	3.7 (0.85)	2.5 ! (1.26)	
Not veteran .....	34.7 (0.39)	19.3 (0.30)	5.8 (0.22)	14.7 (0.27)	5.6 (0.18)	2.4 (0.11)	6.9 (0.18)	8,452	36.1 (0.38)	1,694	20.0 (0.35)	9.2 (0.23)	6.5 (0.19)	4.4 (0.18)	
<b>Field of study</b> .....															
Business/management .....	36.3 (0.98)	19.5 (0.95)	5.5 (0.41)	14.6 (0.99)	6.0 (0.44)	2.3 (0.35)	7.3 (0.60)	1,202	37.0 (1.13)	260	21.6 (1.04)	10.2 (0.67)	6.4 (0.57)	5.1 (0.60)	
Computer science .....	33.7 (1.59)	19.1 (1.37)	4.7 (0.66)	14.6 (1.26)	5.3 (0.82)	2.1 (0.46)	5.6 (0.73)	321	34.4 (2.25)	63	19.6 (1.74)	8.6 (1.25)	6.8 (1.22)	4.1 (0.76)	
Education .....	41.1 (1.58)	22.9 (1.13)	6.3 (0.74)	17.4 (1.00)	6.3 (0.72)	2.0 (0.42)	8.7 (0.86)	372	40.5 (1.91)	85	22.9 (1.48)	10.5 (1.13)	7.1 (0.75)	5.2 (0.84)	
Engineering .....	30.3 (1.81)	16.2 (1.42)	5.4 (0.79)	12.7 (1.25)	4.7 (0.76)	2.4 (0.56)	6.6 (0.91)	388	33.2 (1.77)	73	18.9 (1.55)	8.4 (1.36)	6.3 (0.88)	4.2 (0.75)	
Health .....	36.9 (0.82)	19.6 (0.67)	6.1 (0.48)	15.4 (0.62)	5.7 (0.43)	2.7 (0.26)	6.2 (0.49)	1,489	38.3 (0.94)	279	18.8 (0.83)	8.8 (0.64)	5.5 (0.46)	4.5 (0.44)	
Humanities .....	34.1 (1.28)	18.9 (0.94)	5.7 (0.46)	14.3 (0.88)	5.0 (0.52)	1.7 (0.23)	7.3 (0.52)	1,408	38.5 (0.95)	320	22.7 (0.85)	10.5 (0.58)	7.6 (0.55)	4.7 (0.43)	
Life sciences .....	31.1 (1.82)	19.6 (1.71)	5.7 (1.26)	14.5 (1.47)	5.4 (1.21)	2.7 (0.65)	8.0 (1.20)	299	31.2 (1.91)	62	20.6 (1.74)	9.9 (1.22)	7.2 (1.14)	3.5 (0.60)	
Mathematics .....	23.0 (5.55)	11.0 ! (4.43)	† (†)	9.3 ! (4.26)	† (†)	† (†)	† (†)	28	40.8 (6.22)	†	15.4 ! (5.13)	† (†)	† (†)	† (†)	
Physical sciences .....	23.7 (4.35)	12.8 (3.45)	7.4 ! (2.82)	5.2 ! (2.11)	6.3 ! (3.02)	† (†)	† (†)	45	24.2 (4.43)	†	14.7 (3.72)	6.7 ! (2.26)	† (†)	† (†)	
Social/behavioral sciences .....	33.2 (2.06)	19.3 (1.57)	5.5 (0.90)	14.5 (1.38)	6.5 (1.00)	2.6 (0.54)	8.6 (1.04)	281	35.2 (2.17)	66	23.5 (1.95)	12.7 (1.66)	6.3 (0.88)	4.6 (0.82)	
Vocational/technical .....	38.4 (2.09)	18.3 (1.59)	5.0 (0.85)	14.4 (1.39)	5.6 (1.00)	2.2 (0.46)	4.7 (0.60)	297	31.4 (1.90)	47	15.8 (1.73)	6.8 (1.15)	5.9 (0.97)	3.1 (0.65)	
Undeclared .....	33.5 (0.67)	19.2 (0.58)	5.9 (0.37)	14.4 (0.49)	5.1 (0.33)	2.5 (0.20)	7.2 (0.37)	1,032	35.6 (1.27)	204	19.8 (1.13)	8.9 (0.66)	6.7 (0.69)	4.2 (0.50)	
Other .....	33.2 (1.51)	17.9 (1.07)	5.2 (0.67)	13.6 (0.95)	6.1 (0.56)	2.4 (0.34)	5.8 (0.56)	919	34.6 (1.20)	168	18.3 (0.96)	8.2 (0.74)	5.9 (0.59)	4.2 (0.50)	
<b>Type of institution</b> .....															
Public less-than-2-year .....	30.6 (1.85)	10.9 (1.09)	4.8 (0.80)	9.4 (1.05)	4.0 (0.86)	1.4 ! (0.58)	3.9 (0.90)	86	31.9 (1.99)	8	9.0 (0.89)	4.6 (1.05)	0.6 ! (0.24)	3.8 (0.65)	
Public 2-year .....	41.4 (0.59)	23.0 (0.47)	6.9 (0.33)	18.3 (0.42)	7.1 (0.28)	2.4 (0.15)	7.2 (0.27)	4,921	41.8 (0.54)	1,165	23.7 (0.48)	10.7 (0.33)	7.9 (0.28)	5.1 (0.26)	
Public 4-year nondoctorate .....	34.1 (1.75)	21.3 (1.11)	5.3 (0.60)	16.3 (1.04)	5.2 (0.55)	1.9 (0.28)	8.5 (0.62)	663	38.9 (1.23)	169	25.4 (1.12)	12.0 (0.76)	8.9 (0.63)	4.5 (0.56)	
Public 4-year doctorate .....	25.7 (1.11)	16.3 (0.63)	4.4 (0.34)	11.6 (0.60)	3.9 (0.39)	2.6 (0.27)	8.1 (0.42)	794	25.0 (1.03)	141	17.8 (0.85)	10.4 (0.66)	4.7 (0.41)	2.7 (0.31)	
Private nonprofit less-than-4-year .....	30.8 (1.87)	12.6 (1.69)	4.2 (0.93)	10.1 (1.33)	2.7 (0.71)	2.3 ! (0.73)	4.8 (1.14)	53	32.6 (3.07)	6	10.6 (2.37)	4.6 (1.28)	1.7 ! (0.66)	4.3 (0.93)	
Private nonprofit 4-year nondoctorate .....	25.7 (1.19)	14.4 (0.81)	5.2 (0.70)	9.4 (0.56)	3.9 (0.42)	2.0 (0.29)	6.7 (0.79)	398	25.9 (1.73)	65	16.4 (1.43)	6.9 (1.04)	5.3 (0.73)	4.2 (0.67)	
Private nonprofit 4-year doctorate .....	18.4 (1.64)	11.7 (1.37)	2.5 (0.53)	7.5 (1.34)	2.9 (0.56)	2.2 ! (0.67)	6.3 (0.90)	302	22.7 (1.63)	40	13.1 (1.34)	6.9 (1.07)	3.6 (0.64)	2.7 (0.48)	
Private for-profit less-than-2-year .....	24.1 (0.48)	7.8 (0.23)	3.1 (0.18)	4.7 (0.16)	2.2 (0.19)	2.3 (0.12)	3.5 (0.22)	388	26.6 (0.95)	22	5.7 (0.47)	2.2 (0.35)	1.4 (0.24)	2.1 (0.23)	
Private for-profit 2 years or more .....	25.3 (1.63)	11.7 (1.04)	4.1 (0.50)	7.5 (0.75)	3.3 (0.45)	2.7 (0.39)	4.9 (0.70)	1,134	28.8 (1.42)	129	11.3 (1.16)	5.0 (0.81)	2.8 (0.69)	3.5 (0.63)	

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Student status was determined by accumulation of credits. Students attending postsecondary education part time, or not completing the credit accumulation requirements for second-year status, could be considered first-year students for more than one year.<sup>2</sup>Data have been revised from previously published figures.

NOTE: Data are based on a sample survey of students who enrolled at any time during the school year. Data include Puerto Rico. Detail may not sum to totals because of survey item nonresponse and rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 and 2007–08 National Postsecondary Student Aid Study (NPSAS:04 and NPSAS:08). (This table was prepared July 2013.)

**Table 271. Enrollment in postsecondary education, by level of enrollment, level of institution, student age, and major field of study: 2007–08**  
[Standard errors appear in parentheses]

Major field of study	Undergraduate													Post-baccalaureate		
	All students					2-year institutions <sup>1</sup>					4-year institutions					
	Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age			Total (in thousands)	Percentage distribution, by age			Total (in thousands)			
		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35		Under 25	25 to 35	Over 35				
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
<b>Total</b>	<b>20,762</b>	<b>62.5 (0.30)</b>	<b>22.3 (0.20)</b>	<b>15.2 (0.21)</b>	<b>11,167</b>	<b>55.5 (0.41)</b>	<b>25.2 (0.32)</b>	<b>19.2 (0.31)</b>	<b>9,596</b>	<b>70.7 (0.57)</b>	<b>18.8 (0.35)</b>	<b>10.5 (0.32)</b>	<b>3,492</b>			
Agriculture and related sciences	113	75.2 (2.67)	11.6 (1.95)	13.2 (2.28)	52	56.5 (4.44)	19.0 (3.76)	24.5 (4.34)	61	91.2 (1.92)	5.4 (1.41)	3.4 (1.36)	10			
Anthropology	39	81.9 (3.29)	14.9 (3.04)	3.2 (1.36)	6	74.1 (12.34)	25.7 (12.36)	+	32	83.4 (3.14)	12.8 (2.64)	3.8 (1.61)	7			
Architecture and related services	92	81.1 (4.05)	16.0 (3.86)	2.9 (0.98)	26	75.1 (6.25)	19.4 (5.80)	5.5 (2.76)	66	83.5 (4.88)	14.6 (4.70)	1.9 (0.81)	23			
Area, ethnic, and gender studies	27	80.8 (5.45)	13.1 (4.72)	6.1 (2.57)	4	87.0 (6.26)	12.6 (6.19)	+	23	79.9 (6.17)	13.2 (5.38)	6.9 (2.96)	+			
Biological and biomedical sciences	575	85.1 (0.88)	12.3 (0.82)	2.5 (0.40)	138	77.6 (1.93)	17.1 (1.89)	5.3 (1.16)	437	87.5 (0.96)	10.8 (0.89)	1.6 (0.38)	94			
Business, management, and marketing	3,381	58.7 (0.89)	24.1 (0.59)	17.2 (0.60)	1,386	56.7 (1.04)	24.4 (0.89)	18.9 (0.81)	1,995	60.2 (1.28)	23.8 (0.74)	16.0 (0.86)	614			
Communication and journalism	393	84.1 (1.42)	11.8 (1.18)	4.1 (0.65)	71	74.5 (4.08)	17.6 (3.47)	7.9 (2.47)	322	86.1 (1.40)	10.6 (1.15)	3.3 (0.60)	29			
Communications technologies/technicians	54	66.4 (4.93)	24.3 (4.32)	9.3 (3.89)	30	55.1 (7.42)	30.7 (7.15)	14.2 (6.68)	24	80.5 (5.02)	16.3 (4.90)	+	+			
Computer and information sciences	721	49.7 (1.58)	29.9 (1.34)	20.5 (1.46)	369	47.8 (2.11)	27.5 (1.95)	24.7 (1.94)	353	51.6 (2.58)	32.3 (2.28)	16.1 (2.21)	92			
Construction trades	109	43.0 (4.33)	34.1 (2.91)	22.9 (3.46)	95	39.8 (4.33)	35.4 (3.07)	24.8 (3.64)	14	64.2 (6.69)	25.4 (5.66)	10.4 (4.87)	+			
Criminology	29	75.0 (5.19)	14.4 (3.58)	10.6 (3.47)	+	+	+	+	25	74.7 (5.88)	15.7 (4.08)	9.6 (3.78)	+			
Economics	103	84.7 (2.30)	11.1 (2.05)	4.3 (1.09)	14	77.8 (5.83)	21.1 (5.88)	+	88	85.8 (2.57)	9.4 (2.26)	4.8 (1.27)	13			
Education	1,181	65.7 (0.90)	19.0 (0.72)	15.3 (0.75)	501	56.1 (1.44)	21.4 (1.20)	22.5 (1.43)	680	72.8 (1.21)	17.2 (1.13)	10.0 (0.80)	843			
Engineering	658	78.2 (1.05)	15.8 (0.94)	6.0 (0.58)	202	62.3 (2.53)	25.5 (2.02)	12.2 (1.56)	457	85.1 (1.05)	11.6 (1.00)	3.3 (0.57)	167			
Engineering technologies/technicians	365	55.5 (2.17)	27.4 (1.80)	17.1 (1.49)	252	50.6 (2.79)	29.1 (2.57)	20.4 (2.06)	113	66.6 (3.17)	23.6 (3.12)	9.9 (1.72)	14			
English language and literature/letters	241	77.8 (1.57)	16.1 (1.39)	6.2 (1.16)	55	67.4 (4.22)	22.1 (3.47)	10.5 (3.66)	186	80.9 (1.72)	14.3 (1.67)	4.9 (0.98)	36			
Family and consumer/human sciences	178	62.8 (2.74)	20.3 (2.70)	16.9 (1.87)	84	48.0 (4.02)	25.4 (4.28)	26.5 (3.83)	94	76.1 (3.35)	15.8 (3.21)	8.2 (1.51)	17			
Foreign languages and literatures	91	78.3 (3.00)	13.1 (2.56)	8.7 (1.91)	29	64.5 (6.70)	20.4 (6.41)	15.2 (4.93)	62	84.6 (2.51)	9.8 (1.85)	5.7 (1.63)	24			
Geography	20	69.9 (6.22)	22.1 (5.31)	8.0 (2.98)	+	+	+	+	19	72.1 (6.45)	19.8 (5.50)	8.1 (3.12)	+			
Health professions and related sciences	3,030	50.5 (0.62)	30.4 (0.60)	19.1 (0.48)	2,092	47.4 (0.73)	32.0 (0.69)	20.6 (0.63)	938	57.4 (1.36)	26.9 (1.47)	15.7 (0.93)	407			
History	168	80.2 (1.76)	12.4 (1.25)	7.5 (1.09)	34	80.5 (4.73)	14.3 (3.24)	5.2 (2.58)	135	80.1 (1.95)	11.9 (1.38)	8.1 (1.28)	25			
International relations and affairs	42	86.4 (4.81)	8.2 (2.93)	+	9	60.8 (16.76)	+	+	33	93.3 (2.34)	5.8 (2.19)	+	12			
Legal professions and studies	168	45.9 (4.10)	29.7 (3.35)	24.4 (3.17)	114	40.5 (3.61)	32.0 (4.38)	27.5 (3.94)	54	57.2 (8.69)	25.1 (4.85)	17.8 (6.42)	167			
Liberal arts, sciences and humanities	1,880	65.5 (0.84)	20.2 (0.64)	14.2 (0.62)	1,488	64.7 (0.98)	20.5 (0.77)	14.8 (0.74)	392	68.7 (1.77)	19.2 (1.39)	12.1 (0.99)	24			
Library science	+	+	+	+	+	+	+	+	+	+	+	+	29			
Mathematics and statistics	102	78.7 (2.63)	12.8 (1.90)	8.5 (1.95)	35	66.2 (4.48)	18.6 (3.98)	15.2 (3.33)	68	85.1 (3.12)	9.8 (2.05)	5.0 (2.34)	25			
Mechanic and repair technologies	215	54.5 (2.73)	26.9 (2.42)	18.6 (1.89)	202	53.9 (2.86)	27.0 (2.49)	19.0 (2.01)	13	63.5 (8.45)	24.9 (8.68)	11.6 (5.49)	+			
Military technologies	+	+	+	+	+	+	+	+	+	+	+	+	+			
Multi/interdisciplinary studies	242	68.5 (2.24)	19.3 (1.85)	12.2 (1.37)	111	60.2 (3.69)	22.0 (2.83)	17.7 (2.36)	131	75.6 (2.74)	17.0 (2.48)	7.4 (1.32)	28			
Natural resources and conservation	52	75.7 (3.79)	19.8 (3.43)	4.4 (1.82)	15	74.9 (7.42)	13.6 (5.23)	11.6 (5.55)	37	76.1 (4.40)	22.3 (4.31)	+	13			
Parks, recreation, and fitness studies	149	83.6 (1.80)	12.0 (1.68)	4.4 (0.97)	37	79.8 (3.55)	12.7 (3.12)	7.5 (2.83)	112	84.8 (2.20)	11.8 (2.08)	3.4 (0.96)	14			
Personal and culinary services	351	59.6 (1.89)	27.4 (1.38)	13.0 (1.39)	307	59.2 (1.88)	27.6 (1.47)	13.2 (1.41)	44	62.3 (8.45)	26.1 (5.12)	11.5 (5.45)	+			
Philosophy and religious studies	68	75.2 (3.37)	13.3 (2.27)	11.5 (2.44)	10	52.2 (11.80)	29.7 (8.32)	+	57	79.4 (3.22)	10.3 (2.11)	10.3 (2.37)	29			
Physical sciences	172	80.3 (2.05)	15.7 (1.84)	4.0 (1.04)	45	69.4 (5.31)	21.3 (4.78)	9.2 (3.42)	127	84.1 (1.78)	13.7 (1.72)	2.1 (0.72)	51			
Political science and government	196	85.7 (1.53)	10.4 (1.20)	3.9 (1.10)	31	77.8 (5.35)	20.3 (5.09)	+	165	87.2 (1.65)	8.5 (1.14)	4.3 (1.32)	14			
Precision production	52	40.6 (5.09)	33.7 (4.78)	25.7 (4.29)	51	39.5 (5.13)	34.7 (4.90)	25.8 (4.39)	+	+	+	+	+			
Psychology	589	75.4 (1.02)	16.9 (0.83)	7.6 (0.64)	161	71.3 (1.97)	18.9 (1.95)	9.8 (1.27)	428	77.0 (1.31)	16.2 (0.92)	6.8 (0.77)	148			
Public administration and social services	178	50.1 (2.25)	23.4 (2.11)	26.5 (2.28)	68	38.4 (3.62)	23.1 (3.66)	38.5 (4.46)	110	57.2 (2.67)	23.6 (2.58)	19.1 (2.16)	104			
Science technologies/technicians	47	59.4 (5.27)	23.4 (4.27)	17.2 (3.92)	34	59.2 (6.47)	22.6 (5.40)	18.2 (5.25)	14	59.8 (8.28)	25.3 (6.90)	14.9 (5.53)	+			
Security and protective services	647	61.8 (1.59)	24.3 (1.39)	14.0 (1.26)	377	59.0 (2.29)	24.1 (2.02)	17.0 (1.86)	271	65.7 (2.34)	24.6 (2.11)	9.7 (1.26)	17			
Social sciences, other	63	61.0 (4.43)	20.3 (3.48)	18.8 (4.53)	21	59.7 (9.31)	21.7 (6.49)	+	42	61.6 (5.23)	19.5 (3.98)	18.8 (4.78)	19			
Sociology	133	72.8 (2.06)	14.0 (1.42)	13.2 (1.77)	31	68.2 (5.18)	13.8 (3.15)	18.0 (4.29)	102	74.1 (2.26)	14.1 (1.62)	11.7 (1.88)	10			
Theology and religious vocations	32	67.8 (7.75)	21.1 (6.38)	11.1 (2.34)	+	+	+	+	30	66.5 (8.18)	22.1 (6.66)	11.4 (2.55)	50			
Transportation and materials moving	59	35.3 (4.02)	37.3 (3.83)	27.4 (3.86)	29	27.6 (5.05)	35.2 (5.62)	37.2 (5.23)	30	42.6 (5.76)	39.4 (5.64)	18.0 (4.44)	+			
Visual and performing arts	782	77.4 (0.97)	15.8 (0.85)	6.7 (0.64)	276	70.7 (1.91)	16.7 (1.57)	12.6 (1.56)	505	81.1 (1.16)	15.4 (1.10)	3.5 (0.50)	62			
Undeclared or not in a degree program	1,689	66.0 (1.14)	20.2 (0.80)	13.9 (0.76)	1,184	59.9 (1.35)	23.5 (1.06)	16.6 (0.94)	505	80.3 (1.97)	12.2 (1.33)	7.5 (1.12)	+			

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes students attending less-than-2-year institutions and students attending more than one institution.

NOTE: Because of different survey editing and processing procedures, enrollment data in this table may differ from those appearing in other tables. Includes students who enrolled at any time during the 2007–08 academic year. Data include Puerto Rico. Data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2007–08 National Postsecondary Student Aid Study (NPSAS:08), unpublished tabulations. (This table was prepared July 2013.)

**Table 272. Course enrollments in languages other than English compared with total enrollment at postsecondary degree-granting institutions, by enrollment level, institution level, and language: Selected years, 1965 through 2009**

Enrollment level, institution level, and language	1965	1970	1974	1980	1986	1990	1995	2002	2006 <sup>1</sup>	2009	Percent change				
											1965 to 1974	1974 to 1986	1986 to 1995	1986 to 2006	2006 to 2009
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Number of language course enrollments</b>															
All levels, institutions, and languages .....	1,059,258	1,153,747	946,389	924,352	1,003,548	1,185,555	1,138,772	1,397,253	1,577,810	1,682,627	-10.7	6.0	13.5	57.2	6.6
Undergraduate .....	—	—	904,498	892,290	970,382	1,149,713	1,100,095	1,360,538	1,536,840	1,644,390	†	7.3	13.4	58.4	7.0
2-year institutions .....	—	—	154,466	—	162,881	228,420	236,702	350,297	366,282	417,448	†	5.4	45.3	124.9	14.0
4-year institutions .....	—	—	750,277	—	807,084	920,092	863,393	1,010,297	1,170,558	1,226,481	†	7.6	7.0	45.0	4.8
Graduate .....	—	—	41,892	32,062	33,269	35,628	38,677	36,715	40,970	38,237	†	-20.6	16.3	23.1	-6.7
American Sign Language ..	—	—	—	—	—	1,602	4,304	60,781	78,829	91,763	†	†	†	†	16.4
Arabic .....	911	—	2,034	3,471	3,417	3,683	4,444	10,584	23,974	35,083	123.3	68.0	30.1	601.6	46.3
Chinese .....	3,359	—	10,576	11,366	16,892	19,427	26,471	34,153	51,582	60,976	214.9	59.7	56.7	205.4	18.2
French .....	371,735	358,617	253,208	248,307	275,235	273,143	205,351	201,979	206,426	216,419	-31.9	8.7	-25.4	-25.0	4.8
German .....	213,909	201,928	152,119	127,015	121,065	133,594	96,263	91,100	94,264	96,349	-28.9	-20.4	-20.5	-22.1	2.2
Greek, Ancient <sup>2</sup> .....	19,495	16,643	24,283	22,132	17,806	16,414	16,272	20,376	22,849	20,695	24.6	-26.7	-8.6	28.3	-9.4
Hebrew <sup>3</sup> .....	8,093	—	22,371	19,290	15,669	12,966	13,127	22,802	23,752	22,052	176.4	-30.0	-16.2	51.6	-7.2
Italian .....	22,950	34,236	33,048	34,796	40,904	49,843	43,760	63,899	78,368	80,752	44.0	23.8	7.0	91.6	3.0
Japanese .....	3,505	—	9,604	11,516	23,457	45,830	44,723	52,238	66,605	73,434	174.0	144.2	90.7	183.9	10.3
Korean .....	82	—	87	365	875	2,375	3,343	5,211	7,145	8,511	6.1	905.7	282.1	716.6	19.1
Latin .....	38,038	28,452	25,167	25,019	25,038	28,178	25,897	29,841	32,191	32,606	-33.8	-0.5	3.4	28.6	1.3
Portuguese .....	3,040	—	5,072	4,894	5,071	6,118	6,531	8,385	10,267	11,371	66.8	#	28.8	102.5	10.8
Russian .....	33,818	36,369	32,522	23,987	33,945	44,476	24,729	23,921	24,845	26,883	-3.8	4.4	-27.1	-26.8	8.2
Spanish .....	310,015	386,709	361,911	378,960	411,499	534,182	606,286	746,267	822,985	864,986	16.7	13.7	47.3	100.0	5.1
Other languages .....	30,308	90,793	14,387	13,234	12,675	13,724	17,271	25,716	33,728	40,747	-52.5	-11.9	36.3	166.1	20.8
<b>Total enrollment at degree-granting institutions</b>															
All levels .....	5,920,864	8,580,887	10,223,729	12,096,895	12,503,511	13,818,637	14,261,781	16,611,711	17,758,870	20,427,711	72.7	22.3	14.1	42.0	15.0
Undergraduate .....	—	7,368,644	8,798,728	10,475,055	10,797,975	11,959,106	12,231,719	14,257,077	15,184,302	17,565,320	†	22.7	13.3	40.6	15.7
2-year institutions .....	—	2,318,956	3,402,732	4,525,097	4,679,548	5,240,083	5,492,098	6,529,198	6,518,291	7,521,405	†	37.5	17.4	39.3	15.4
4-year institutions .....	—	5,049,688	5,395,996	5,949,958	6,118,427	6,719,023	6,739,621	7,727,879	8,666,011	10,043,915	†	13.4	10.2	41.6	15.9
Graduate .....	—	1,212,243	1,425,001	1,621,840	1,705,536	1,859,531	2,030,062	2,354,634	2,574,568	2,862,391	†	19.7	19.0	51.0	11.2
<b>Number of language course enrollments per 100 students enrolled</b>											Change in percentage points				
All levels .....	17.9	13.4	9.3	7.6	8.0	8.6	8.0	8.4	8.9	8.2	-8.6	-1.2	#	0.9	-0.6
Undergraduate .....	—	—	10.3	8.5	9.0	9.6	9.0	9.5	10.1	9.4	†	-1.3	#	1.1	-0.8
2-year institutions .....	—	—	4.5	0.0	3.5	4.4	4.3	5.4	5.6	5.6	†	-1.1	0.8	2.1	-0.1
4-year institutions .....	—	—	13.9	0.0	13.2	13.7	12.8	13.1	13.5	12.2	†	-0.7	-0.4	0.3	-1.3
Graduate .....	—	—	2.9	2.0	2.0	1.9	1.9	1.6	1.6	1.3	†	-1.0	#	-0.4	-0.3

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>In 2006, a few 2-year institutions reported a total of 226 graduate course enrollments (86 in Spanish and 140 in American Sign Language). In this table, these 226 enrollments are shown as undergraduate enrollments in 2-year institutions; these enrollments are not included under graduate enrollments.

<sup>2</sup>The apparent drop in Ancient Greek from 2006 to 2009 may be attributed to changes in reporting. Some premodern Greek language categories, such as Koine Greek and Old Testament Greek, were reported for the first time in 2009. In previous surveys, these languages may have been reported under the category "Ancient Greek."

<sup>3</sup>For 1990 and later years, includes only "Modern Hebrew" and "Biblical Hebrew"; other reported categories of Hebrew courses are excluded.

NOTE: The number of course enrollments is not the same as the number of students studying a given language. A single student majoring in a language may be enrolled in more than one class in that language. Unless otherwise noted, enrollments do not include those in

classical, religious, or regional dialects of the language. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. (See Appendix A: Guide to Sources for details.)

SOURCE: The Modern Language Association of America, Enrollments in Languages Other Than English in United States Institutions of Higher Education, Fall 2009, Table 2c; and MLA historical enrollment data, 1958–70, 1971–86, 1990–98, and 2002–09, retrieved July 21, 2011, from [http://www.mla.org/about\\_search\\_flsurvey](http://www.mla.org/about_search_flsurvey). U.S. Department of Education, National Center for Education Statistics, Opening Fall Enrollment in Higher Education, 1965; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys, 1970 through 1980; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–95); and IPEDS Spring 2003 through Spring 2010, Enrollment component. (This table was prepared July 2011.)

**Table 273. Number and percentage distribution of course enrollments in languages other than English at postsecondary degree-granting institutions, by language and enrollment level: 2002, 2006, and 2009**

Enrollment and year	Total, all languages	American Sign Language	Arabic	Chinese	French	German	Greek, Ancient <sup>1</sup>	Hebrew <sup>2</sup>	Italian	Japanese	Korean	Latin	Portuguese	Russian	Spanish	Other languages
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All levels</b>																
Number of enrollments																
2002.....	1,397,253	60,781	10,584	34,153	201,979	91,100	20,376	22,802	63,899	52,238	5,211	29,841	8,385	23,921	746,267	25,716
2006.....	1,577,810	78,829	23,974	51,582	206,426	94,264	22,849	23,752	78,368	66,605	7,145	32,191	10,267	24,845	822,985	33,728
2009.....	1,682,627	91,763	35,083	60,976	216,419	96,349	20,695	22,052	80,752	73,434	8,511	32,606	11,371	26,883	864,986	40,747
Percent change in enrollments, 2006 to 2009.....	6.6	16.4	46.3	18.2	4.8	2.2	-9.4	-7.2	3.0	10.3	19.1	1.3	10.8	8.2	5.1	20.8
Percentage distribution of enrollments																
2002.....	100.0	4.4	0.8	2.4	14.5	6.5	1.5	1.6	4.6	3.7	0.4	2.1	0.6	1.7	53.4	1.8
2006.....	100.0	5.0	1.5	3.3	13.1	6.0	1.4	1.5	5.0	4.2	0.5	2.0	0.7	1.6	52.2	2.1
2009.....	100.0	5.5	2.1	3.6	12.9	5.7	1.2	1.3	4.8	4.4	0.5	1.9	0.7	1.6	51.4	2.4
<b>Undergraduate level</b>																
Number of enrollments																
2002.....	1,360,538	60,660	10,053	33,219	197,374	88,297	14,343	17,251	62,852	51,308	5,100	28,796	7,898	23,151	736,317	23,919
2006 <sup>3</sup> .....	1,536,840	78,083	23,034	50,455	201,663	91,192	16,426	17,474	77,350	65,746	6,908	31,170	9,809	24,096	812,120	31,314
2009.....	1,644,390	90,937	34,301	59,967	212,178	93,749	15,858	16,606	79,977	72,717	8,163	31,582	10,933	26,287	852,781	38,354
Introductory courses <sup>4</sup> .....	1,370,250	83,450	29,650	47,676	172,573	76,317	12,812	11,202	72,403	59,892	6,010	27,273	8,112	19,850	711,032	31,998
Advanced courses <sup>4</sup> .....	274,140	7,487	4,651	12,291	39,605	17,432	3,046	5,404	7,574	12,825	2,153	4,309	2,821	6,437	141,749	6,356
Percent change in enrollments, 2006 to 2009.....	7.0	16.5	48.9	18.9	5.2	2.8	-3.5	-5.0	3.4	10.6	18.2	1.3	11.5	9.1	5.0	22.5
Percentage distribution of enrollments																
2002.....	100.0	4.5	0.7	2.4	14.5	6.5	1.1	1.3	4.6	3.8	0.4	2.1	0.6	1.7	54.1	1.8
2006.....	100.0	5.1	1.5	3.3	13.1	5.9	1.1	1.1	5.0	4.3	0.4	2.0	0.6	1.6	52.8	2.0
2009.....	100.0	5.5	2.1	3.6	12.9	5.7	1.0	1.0	4.9	4.4	0.5	1.9	0.7	1.6	51.9	2.3
<b>Graduate level</b>																
Number of enrollments																
2002.....	36,715	121	531	934	4,605	2,803	6,033	5,551	1,047	930	111	1,045	487	770	9,950	1,797
2006 <sup>3</sup> .....	40,970	746	940	1,127	4,763	3,072	6,423	6,278	1,018	859	237	1,021	458	749	10,865	2,414
2009.....	38,237	826	782	1,009	4,241	2,600	4,837	5,446	775	717	348	1,024	438	596	12,205	2,393
Percent change in enrollments, 2006 to 2009.....	-6.7	10.7	-16.8	-10.5	-11.0	-15.4	-24.7	-13.3	-23.9	-16.5	46.8	0.3	-4.4	-20.4	12.3	-0.9
Percentage distribution of enrollments																
2002.....	100.0	0.3	1.4	2.5	12.5	7.6	16.4	15.1	2.9	2.5	0.3	2.8	1.3	2.1	27.1	4.9
2006.....	100.0	1.8	2.3	2.8	11.6	7.5	15.7	15.3	2.5	2.1	0.6	2.5	1.1	1.8	26.5	5.9
2009.....	100.0	2.2	2.0	2.6	11.1	6.8	12.7	14.2	2.0	1.9	0.9	2.7	1.1	1.6	31.9	6.3

<sup>1</sup>The apparent drop in Ancient Greek from 2006 to 2009 may be attributed to changes in reporting. Some premodern Greek language categories, such as Koine Greek and Old Testament Greek, were reported for the first time in 2009. In previous surveys, these languages may have been reported under the category "Ancient Greek."

<sup>2</sup>Includes only "Modern Hebrew" and "Biblical Hebrew"; other reported categories of Hebrew courses are excluded.

<sup>3</sup>In 2006, a few 2-year institutions reported a total of 226 graduate course enrollments (86 in Spanish and 140 in American Sign Language). In this table, these 226 enrollments are shown as undergraduate enrollments; these enrollments are not included under graduate enrollments.

<sup>4</sup>Introductory courses are first- and second-year courses. Advanced courses are third- and fourth-year courses.

NOTE: This table shows course enrollments, not the number of students studying a given language. A single student majoring in a language may be enrolled in more than one class in that language. Unless otherwise indicated, totals for specific languages do not include classical, religious, or regional dialects. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: The Modern Language Association of America, MLA historical enrollment data, 2002–09, retrieved July 21, 2011, from [http://www.mla.org/about\\_search/flsurvey](http://www.mla.org/about_search/flsurvey). (This table was prepared July 2011.)





**Table 275. Number of degree-granting institutions and enrollment in these institutions, by enrollment size, control, and level of institution:  
Fall 2011**

Control and level of institution	Enrollment size									
	Total	Under 200	200 to 499	500 to 999	1,000 to 2,499	2,500 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 to 29,999	30,000 or more
1	2	3	4	5	6	7	8	9	10	11
<b>Number of institutions</b>										
<b>Total</b>	<b>4,703</b>	<b>503</b>	<b>726</b>	<b>730</b>	<b>937</b>	<b>677</b>	<b>530</b>	<b>368</b>	<b>142</b>	<b>90</b>
Research university, very high <sup>1</sup>	107	0	0	0	1	0	10	20	36	40
Research university, high <sup>2</sup>	98	0	0	0	1	3	15	43	25	11
Doctoral/research university <sup>3</sup>	88	1	1	3	8	16	25	23	8	3
Master's <sup>4</sup>	704	0	10	24	140	220	180	98	19	13
Baccalaureate <sup>5</sup>	850	22	66	202	370	129	34	16	4	7
Special-focus institutions <sup>6</sup>	1,119	308	327	260	153	52	12	6	1	0
2-year	1,737	172	322	241	264	257	254	162	49	16
<b>Public</b>	<b>1,649</b>	<b>8</b>	<b>31</b>	<b>57</b>	<b>263</b>	<b>375</b>	<b>410</b>	<b>305</b>	<b>124</b>	<b>76</b>
Research university, very high <sup>1</sup>	73	0	0	0	0	0	2	5	29	37
Research university, high <sup>2</sup>	73	0	0	0	0	0	8	34	21	10
Doctoral/research university <sup>3</sup>	28	0	0	0	0	2	4	16	6	0
Master's <sup>4</sup>	270	0	0	1	10	49	112	76	16	6
Baccalaureate <sup>5</sup>	191	0	1	16	57	65	29	13	3	7
Special-focus institutions <sup>6</sup>	47	3	7	8	15	12	2	0	0	0
Medical or other health	30	1	3	4	9	11	2	0	0	0
Other special focus	17	2	4	4	6	1	0	0	0	0
2-year	967	5	23	32	181	247	253	161	49	16
<b>Private</b>	<b>3,054</b>	<b>495</b>	<b>695</b>	<b>673</b>	<b>674</b>	<b>302</b>	<b>120</b>	<b>63</b>	<b>18</b>	<b>14</b>
Research university, very high <sup>1</sup>	34	0	0	0	1	0	8	15	7	3
Research university, high <sup>2</sup>	25	0	0	0	1	3	7	9	4	1
Doctoral/research university <sup>3</sup>	60	1	1	3	8	14	21	7	2	3
Master's <sup>4</sup>	434	0	10	23	130	171	68	22	3	7
Baccalaureate <sup>5</sup>	659	22	65	186	313	64	5	3	1	0
Special-focus institutions <sup>6</sup>	1,072	305	320	252	138	40	10	6	1	0
Art, music, or design	139	14	35	41	36	10	1	2	0	0
Business and management	237	53	80	53	27	14	6	3	1	0
Engineering or technology	158	20	57	67	12	1	0	1	0	0
Medical or other health	190	47	48	46	37	10	2	0	0	0
Theological	294	165	89	25	11	3	1	0	0	0
Other special focus	54	6	11	20	15	2	0	0	0	0
2-year	770	167	299	209	83	10	1	1	0	0
<b>Enrollment in institutions</b>										
<b>Total</b>	<b>20,994,113</b>	<b>55,930</b>	<b>247,181</b>	<b>524,437</b>	<b>1,547,427</b>	<b>2,421,096</b>	<b>3,730,527</b>	<b>5,092,745</b>	<b>3,502,951</b>	<b>3,871,819</b>
Research university, very high <sup>1</sup>	2,886,167	0	0	0	2,231	0	71,925	284,615	911,332	1,616,064
Research university, high <sup>2</sup>	1,795,088	0	0	0	2,177	11,488	116,300	650,885	638,076	376,162
Doctoral/research university <sup>3</sup>	1,149,435	92	226	2,103	14,341	56,006	190,763	297,390	195,286	393,228
Master's <sup>4</sup>	4,663,997	0	3,722	17,554	256,274	798,586	1,255,497	1,318,992	445,198	568,174
Baccalaureate <sup>5</sup>	2,072,153	2,733	24,708	148,546	600,635	437,043	224,436	242,100	108,284	283,668
Special-focus institutions <sup>6</sup>	927,291	32,754	107,857	185,027	234,686	174,627	83,033	86,763	22,544	0
2-year	7,499,982	20,351	110,668	171,207	437,083	943,346	1,788,573	2,212,000	1,182,231	634,523
<b>Public</b>	<b>15,110,196</b>	<b>1,145</b>	<b>11,460</b>	<b>44,414</b>	<b>461,951</b>	<b>1,378,926</b>	<b>2,916,946</b>	<b>4,250,443</b>	<b>3,067,982</b>	<b>2,976,929</b>
Research university, very high <sup>1</sup>	2,341,040	0	0	0	0	0	14,411	80,213	744,712	1,501,704
Research university, high <sup>2</sup>	1,473,049	0	0	0	0	0	66,410	527,607	536,971	342,061
Doctoral/research university <sup>3</sup>	404,864	0	0	0	0	7,006	32,521	216,516	148,821	0
Master's <sup>4</sup>	2,638,999	0	0	691	19,425	191,002	810,170	1,030,238	372,500	214,973
Baccalaureate <sup>5</sup>	1,099,460	0	273	13,262	94,058	232,939	196,327	196,186	82,747	283,668
Special-focus institutions <sup>6</sup>	90,317	446	2,587	6,389	27,039	40,249	13,607	0	0	0
Medical or other health	70,196	52	1,060	3,241	16,138	36,098	13,607	0	0	0
Other special focus	20,121	394	1,527	3,148	10,901	4,151	0	0	0	0
2-year	7,062,467	699	8,600	24,072	321,429	907,730	1,783,500	2,199,683	1,182,231	634,523
<b>Private</b>	<b>5,883,917</b>	<b>54,785</b>	<b>235,721</b>	<b>480,023</b>	<b>1,085,476</b>	<b>1,042,170</b>	<b>813,581</b>	<b>842,302</b>	<b>434,969</b>	<b>894,890</b>
Research university, very high <sup>1</sup>	545,127	0	0	0	2,231	0	57,514	204,402	166,620	114,360
Research university, high <sup>2</sup>	322,039	0	0	0	2,177	11,488	49,890	123,278	101,105	34,101
Doctoral/research university <sup>3</sup>	744,571	92	226	2,103	14,341	49,000	158,242	80,874	46,465	393,228
Master's <sup>4</sup>	2,024,998	0	3,722	16,863	236,849	607,584	445,327	288,754	72,698	353,201
Baccalaureate <sup>5</sup>	972,693	2,733	24,435	135,284	506,577	204,104	28,109	45,914	25,537	0
Special-focus institutions <sup>6</sup>	836,974	32,308	105,270	178,638	207,647	134,378	69,426	86,763	22,544	0
Art, music, or design	179,369	1,402	12,577	30,746	60,316	35,589	9,820	28,919	0	0
Business and management	259,816	6,005	26,251	36,991	38,642	46,906	39,953	42,524	22,544	0
Engineering or technology	105,779	2,407	20,923	45,678	17,800	3,651	0	15,320	0	0
Medical or other health	153,869	5,250	14,971	33,947	54,859	31,563	13,279	0	0	0
Theological	92,979	16,673	26,954	17,461	15,400	10,117	6,374	0	0	0
Other special focus	45,162	571	3,594	13,815	20,630	6,552	0	0	0	0
2-year	437,515	19,652	102,068	147,135	115,654	35,616	5,073	12,317	0	0

<sup>1</sup>Research universities with a very high level of research activity.

<sup>2</sup>Research universities with a high level of research activity.

<sup>3</sup>Institutions that award at least 20 doctor's degrees per year, but did not have a high level of research activity.

<sup>4</sup>Institutions that award at least 50 master's degrees per year.

<sup>5</sup>Institutions that primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie system because they primarily award associate's degrees.

<sup>6</sup>Special-focus 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://classifications.carnegiefoundation.org/resources/>.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared November 2012.)

**Table 276. Enrollment of the 120 largest degree-granting college and university campuses, by selected characteristics and institution: Fall 2011**

Institution	State	Rank <sup>1</sup>	Control <sup>2</sup>	Level	Total enrollment	Institution	State	Rank <sup>1</sup>	Control <sup>2</sup>	Level	Total enrollment
1	2	3	4	5	6	1	2	3	4	5	6
University of Phoenix, Online Campus .....	AZ	1	PrivFp	4-year	307,871	Salt Lake Community College .....	UT	61	Public	2-year	33,420
Ashford University .....	IA	2	PrivFp	4-year	74,596	Utah Valley University .....	UT	62	Public	4-year	33,395
Arizona State University .....	AZ	3	Public	4-year	72,254	University of Cincinnati, Main Campus .....	OH	63	Public	4-year	33,329
Liberty University .....	VA	4	PrivNp	4-year	64,096	George Mason University .....	VA	64	Public	4-year	33,320
Miami Dade College .....	FL	5	Public	4-year	63,736	Saint Petersburg College .....	FL	65	Public	4-year	33,128
Lone Star College System .....	TX	6	Public	2-year	63,029	University of Colorado, Boulder .....	CO	66	Public	4-year	32,558
Houston Community College .....	TX	7	Public	2-year	63,015	Boston University .....	MA	67	PrivNp	4-year	32,439
University of Central Florida .....	FL	8	Public	4-year	58,465	Texas Tech University .....	TX	68	Public	4-year	32,327
Ohio State University, Main Campus .....	OH	9	Public	4-year	56,867	Tidewater Community College .....	VA	69	Public	2-year	32,101
Kaplan University, Davenport Campus .....	IA	10	PrivFp	4-year	56,606	Georgia State University .....	GA	70	Public	4-year	32,022
University of Minnesota, Twin Cities .....	MN	11	Public	4-year	52,557	American River College .....	CA	71	Public	2-year	31,750
University of Texas at Austin .....	TX	12	Public	4-year	51,112	University of California, Davis .....	CA	72	Public	4-year	31,732
American Public University System .....	WV	13	PrivFp	4-year	50,838	University of Utah .....	UT	73	Public	4-year	31,660
Texas A & M University, College Station .....	TX	14	Public	4-year	50,230	University of Alabama .....	AL	74	Public	4-year	31,647
Tarrant County College District .....	TX	15	Public	2-year	50,062	Virginia Commonwealth University .....	VA	75	Public	4-year	31,627
Northern Virginia Community College .....	VA	16	Public	2-year	50,044	Western Governors University .....	UT	76	PrivNp	4-year	30,970
University of Florida .....	FL	17	Public	4-year	49,589	University of Texas at San Antonio .....	TX	77	Public	4-year	30,968
Walden University .....	MN	18	PrivFp	4-year	48,982	Virginia Polytechnic Institute and State University ..	VA	78	Public	4-year	30,936
Michigan State University .....	MI	19	Public	4-year	47,825	Columbus State Community College .....	OH	79	Public	2-year	30,921
Pennsylvania State University, Main Campus .....	PA	20	Public	4-year	45,628	Florida State College at Jacksonville .....	FL	80	Public	4-year	30,863
Austin Community College District .....	TX	21	Public	2-year	45,100	Cuyahoga Community College District .....	OH	81	Public	2-year	30,853
Florida International University .....	FL	22	Public	4-year	44,616	Wayne State University .....	MI	82	Public	4-year	30,765
University of Illinois at Urbana-Champaign .....	IL	23	Public	4-year	44,407	El Paso Community College .....	TX	83	Public	2-year	30,723
New York University .....	NY	24	PrivNp	4-year	43,911	University of South Carolina, Columbia .....	SC	84	Public	4-year	30,721
Indiana University, Bloomington .....	IN	25	Public	4-year	42,731	San Diego State University .....	CA	85	Public	4-year	30,541
University of Michigan, Ann Arbor .....	MI	26	Public	4-year	42,716	Indiana University, Purdue U., Indianapolis .....	IN	86	Public	4-year	30,530
University of Maryland, University College .....	MD	27	Public	4-year	42,713	Colorado State University, Fort Collins .....	CO	87	Public	4-year	30,467
Valencia College .....	FL	28	Public	4-year	42,631	Santa Ana College .....	CA	88	Public	2-year	30,289
University of Washington, Seattle Campus .....	WA	29	Public	4-year	42,444	San Jose State University .....	CA	89	Public	4-year	30,236
Broward College .....	FL	30	Public	4-year	42,198	University of Tennessee .....	TN	90	Public	4-year	30,194
University of Wisconsin, Madison .....	WI	31	Public	4-year	41,946	Santa Monica College .....	CA	91	Public	2-year	29,971
Florida State University .....	FL	32	Public	4-year	41,087	University of Iowa .....	IA	92	Public	4-year	29,810
Purdue University, Main Campus .....	IN	33	Public	4-year	40,849	Louisiana State U. and Agricultural & Mechanical ..	LA	93	Public	4-year	29,718
Grand Canyon University .....	AZ	34	PrivFp	4-year	40,487	West Virginia University .....	WV	94	Public	4-year	29,617
Rutgers University, New Brunswick .....	NJ	35	Public	4-year	39,950	Iowa State University .....	IA	95	Public	4-year	29,611
University of Houston .....	TX	36	Public	4-year	39,820	South Texas College .....	TX	96	Public	4-year	29,604
University of South Florida, Main Campus .....	FL	37	Public	4-year	39,596	San Francisco State University .....	CA	97	Public	4-year	29,541
University of California, Los Angeles .....	CA	38	Public	4-year	39,271	San Jacinto Community College .....	TX	98	Public	2-year	29,392
University of Arizona .....	AZ	39	Public	4-year	39,236	Palm Beach State College .....	FL	99	Public	4-year	29,354
University of Southern California .....	CA	40	PrivNp	4-year	38,010	University of Wisconsin, Milwaukee .....	WI	100	Public	4-year	29,350
University of North Texas .....	TX	41	Public	4-year	37,818	Florida Atlantic University .....	FL	101	Public	4-year	29,246
College of Southern Nevada .....	NV	42	Public	4-year	37,717	Saint Louis Community College .....	MO	102	Public	2-year	29,200
University of Maryland, College Park .....	MD	43	Public	4-year	37,631	Oakland Community College .....	MI	103	Public	2-year	29,158
East Los Angeles College .....	CA	44	Public	2-year	37,057	University of North Carolina at Chapel Hill .....	NC	104	Public	4-year	29,137
Pima Community College .....	AZ	45	Public	2-year	36,969	University of New Mexico, Main Campus .....	NM	105	Public	4-year	28,977
California State University, Northridge .....	CA	46	Public	4-year	36,911	University at Buffalo .....	NY	106	Public	4-year	28,849
Temple University .....	PA	47	Public	4-year	36,855	University of Pittsburgh, Pittsburgh Campus .....	PA	107	Public	4-year	28,766
Capella University .....	MN	48	PrivFp	4-year	36,375	University of California, San Diego .....	CA	108	Public	4-year	28,593
California State University, Fullerton .....	CA	49	Public	4-year	36,156	Portland State University .....	OR	109	Public	4-year	28,584
University of California, Berkeley .....	CA	50	Public	4-year	36,137	Nova Southeastern University .....	FL	110	PrivNp	4-year	28,457
Excelsior College .....	NY	51	PrivNp	4-year	35,608	Mount San Antonio College .....	CA	111	Public	2-year	28,388
California State University, Long Beach .....	CA	52	Public	4-year	34,870	Hillsborough Community College .....	FL	112	Public	2-year	28,329
University of Georgia .....	GA	53	Public	4-year	34,816	Central Michigan University .....	MI	113	Public	4-year	28,194
North Carolina State University at Raleigh .....	NC	54	Public	4-year	34,767	University of Illinois at Chicago .....	IL	114	Public	4-year	28,091
Portland Community College .....	OR	55	Public	2-year	34,632	University of Massachusetts, Amherst .....	MA	115	Public	4-year	28,084
City College of San Francisco .....	CA	56	Public	2-year	34,558	California State University, Sacramento .....	CA	116	Public	4-year	28,016
Brigham Young University, Provo .....	UT	57	PrivNp	4-year	34,101	University of Kansas .....	KS	117	Public	4-year	27,939
Texas State University, San Marcos .....	TX	58	Public	4-year	34,087	DeVry University, Illinois .....	IL	118	PrivFp	4-year	27,921
University of Missouri, Columbia .....	MO	59	Public	4-year	33,762	Kent State University at Kent .....	OH	119	Public	4-year	27,855
University of Texas at Arlington .....	TX	60	Public	4-year	33,439	Central New Mexico Community College .....	NM	120	Public	2-year	27,677

<sup>1</sup>College and university campuses ranked by fall 2011 enrollment data.<sup>2</sup>Publicly controlled institutions are identified by a "1"; private, nonprofit, by a "2"; and private, for-profit, by a "3."

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes online and distance education courses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component. (This table was prepared January 2013.)























**Table 278. Enrollment and degrees conferred in degree-granting women's colleges, by selected characteristics and institution: Fall 2011 and 2010–11**

Institution <sup>1</sup>	State	Enrollment, fall 2011							Degrees awarded to females, 2010–11			
		Total	Females	Percent female	Males, full-time	Females, full-time	Males, part-time	Females, part-time	Associate's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total .....</b>	<b>†</b>	<b>84,510</b>	<b>79,099</b>	<b>93.6</b>	<b>2,267</b>	<b>57,440</b>	<b>3,144</b>	<b>21,659</b>	<b>671</b>	<b>12,733</b>	<b>5,400</b>	<b>291</b>
Judson College .....	AL	353	344	97.5	4	278	5	66	†	40	†	†
Mills College .....	CA	1,548	1,428	92.2	110	1,297	10	131	†	222	177	2
Mount Saint Mary's College .....	CA	2,943	2,648	90.0	175	1,990	120	658	123	376	100	17
Scripps College .....	CA	985	973	98.8	9	961	3	12	†	215	†	†
Saint Joseph College .....	CT	2,592	2,370	91.4	40	1,003	182	1,367	†	198	225	0
Trinity Washington University .....	DC	2,556	2,327	91.0	49	1,240	180	1,087	14	189	150	†
Agnes Scott College .....	GA	871	862	99.0	5	850	4	12	†	193	14	†
Brenau University .....	GA	2,789	2,412	86.5	132	1,276	245	1,136	1	339	256	†
Spelman College .....	GA	2,170	2,170	100.0	0	2,082	0	88	†	426	†	†
Wesleyan College .....	GA	681	650	95.4	0	392	31	258	†	99	13	†
Lexington College .....	IL	64	64	100.0	0	49	0	15	1	10	†	†
Saint Mary-of-the-Woods College .....	IN	1,441	1,338	92.9	39	607	64	731	5	157	60	†
Saint Mary's College .....	IN	1,510	1,506	99.7	3	1,496	1	10	†	401	†	†
Midway College .....	KY	1,755	1,440	82.1	157	985	158	455	85	128	6	†
Notre Dame of Maryland University .....	MD	2,929	2,535	86.5	91	713	303	1,822	†	293	334	8
Bay Path College .....	MA	2,191	2,129	97.2	26	1,449	36	680	56	353	224	†
Mount Holyoke College .....	MA	2,362	2,359	99.9	1	2,325	2	34	†	565	4	†
Pine Manor College .....	MA	343	338	98.5	5	329	0	9	3	71	18	†
Simmons College .....	MA	4,829	4,445	92.0	79	2,416	305	2,029	†	564	942	68
Smith College .....	MA	3,162	3,094	97.8	56	3,010	12	84	†	696	133	2
Wellesley College .....	MA	2,502	2,446	97.8	0	2,371	56	75	†	612	†	†
College of Saint Benedict .....	MN	2,086	2,086	100.0	0	2,041	0	45	†	479	†	†
St. Catherine University .....	MN	5,227	4,974	95.2	117	3,323	136	1,651	198	522	466	44
Cottey College .....	MO	323	323	100.0	0	319	0	4	107	0	†	†
Stephens College .....	MO	1,029	983	95.5	29	777	17	206	0	193	72	†
College of Saint Mary .....	NE	1,063	1,044	98.2	12	815	7	229	72	92	120	15
College of Saint Elizabeth .....	NJ	1,874	1,662	88.7	41	696	171	966	†	212	162	8
Barnard College .....	NY	2,438	2,438	100.0	0	2,389	0	49	†	593	†	†
College of New Rochelle .....	NY	4,397	3,956	90.0	304	2,910	137	1,046	†	785	275	†
Bennett College for Women .....	NC	736	736	100.0	0	672	0	64	†	109	†	†
Meredith College .....	NC	1,980	1,941	98.0	9	1,651	30	290	†	392	99	†
Salem College .....	NC	1,130	1,062	94.0	30	758	38	304	†	124	53	†
Ursuline College .....	OH	1,488	1,330	89.4	84	677	74	653	†	235	119	0
Bryn Mawr College .....	PA	1,785	1,694	94.9	73	1,573	18	121	†	322	88	7
Carlow University .....	PA	2,866	2,417	84.3	162	1,622	287	795	†	272	199	12
Cedar Crest College .....	PA	1,620	1,536	94.8	24	765	60	771	†	336	60	†
Chatham University .....	PA	2,220	1,923	86.6	172	1,307	125	616	†	194	291	108
Moore College of Art and Design .....	PA	526	521	99.0	2	468	3	53	†	129	7	†
Wilson College .....	PA	745	650	87.2	23	363	72	287	3	80	15	†
Columbia College .....	SC	1,266	1,233	97.4	17	976	16	257	†	205	172	†
Converse College .....	SC	1,296	1,200	92.6	21	744	75	456	†	161	158	†
Hollins University .....	VA	953	900	94.4	20	762	33	138	†	172	92	†
Mary Baldwin College .....	VA	1,783	1,649	92.5	64	1,121	70	528	†	218	71	†
Sweet Briar College .....	VA	760	739	97.2	20	710	1	29	†	139	7	†
Alverno College .....	WI	2,605	2,550	97.9	37	1,753	18	797	3	395	74	†
Mount Mary College .....	WI	1,738	1,674	96.3	25	1,129	39	545	†	227	144	†

†Not applicable.

<sup>1</sup>Data are for colleges and universities identified by the Women's College Coalition as women's colleges in 2013. Excludes women's colleges whose IPEDS data are reported together with a coed institution or coordinate men's college. The following institutions were excluded for this reason: The Women's College of the University of Denver; Douglass Residential College of Rutgers University; and Russell Sage College of the Sage Colleges.

NOTE: The institutions in this table are all 4-year private nonprofit institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component; and Fall 2011, Completions component. (This table was prepared January 2013.)

**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total, 50 states and District of Columbia .....</b>	†	<b>3,937,936</b>	<b>1,817,835</b>	<b>46.2</b>	<b>1,735,301</b>	<b>82,534</b>	<b>81,325</b>	<b>68,402</b>	<b>17,390</b>	<b>2,043</b>
<b>Total, 50 states, District of Columbia, and Puerto Rico .....</b>	†	<b>3,690,762</b>	<b>1,572,437</b>	<b>42.6</b>	<b>1,516,497</b>	<b>55,940</b>	<b>74,658</b>	<b>51,917</b>	<b>12,299</b>	<b>1,162</b>
<b>Alaska</b>										
Charter College, Anchorage .....	5	1,651	532	32.2	532	†	73	6	†	†
<b>Arizona</b>										
Arizona College of Allied Health .....	6	691	232	33.6	232	†	19	†	†	†
Arizona Western College .....	2	8,418	5,200	61.8	5,200	†	327	†	†	†
Art Institute of Phoenix .....	5	1,190	524	44.0	524	†	21	28	†	†
Art Institute of Tucson .....	5	491	168	34.2	168	†	3	9	†	†
Brookline College, Phoenix .....	5	1,585	680	42.9	680	†	33	4	†	†
Brookline College, Tempe .....	6	583	194	33.3	194	†	7	†	†	†
Brookline College, Tucson .....	6	849	467	55.0	467	†	76	†	†	†
Bryman School of Arizona .....	6	757	284	37.5	284	†	2	†	†	†
Carrington College, Phoenix .....	5	785	405	51.6	405	†	1	1	†	†
Carrington College, Phoenix Westside .....	6	600	174	29.0	174	†	29	†	†	†
Carrington College, Tucson .....	6	592	359	60.6	359	†	6	†	†	†
Central Arizona College .....	2	7,442	2,154	28.9	2,154	†	105	†	†	†
Cochise College .....	2	4,912	2,018	41.1	2,018	†	226	†	†	†
CollegeAmerica, Phoenix .....	5	301	98	32.6	98	†	36	†	†	†
DeVry University, Arizona .....	5	1,762	505	28.7	505	†	9	39	†	†
Estrella Mountain Community College .....	2	8,243	3,631	44.0	3,631	†	212	†	†	†
Everest College, Mesa .....	5	300	94	31.3	94	†	8	1	†	†
Fortis College, Phoenix .....	6	316	151	47.8	151	†	0	†	†	†
Frank Lloyd Wright School of Architecture .....	3	24	3	12.5	2	†	†	1	0	†
GateWay Community College .....	2	6,801	2,017	29.7	2,017	†	125	†	†	†
Glendale Community College .....	2	21,376	6,370	29.8	6,370	†	323	†	†	†
ITT Technical Institute, Phoenix West .....	5	162	68	42.0	68	†	0	0	†	†
ITT Technical Institute, Tucson .....	5	518	210	40.5	210	†	28	20	†	†
ITT Technical Institute, Phoenix .....	5	463	120	25.9	120	†	23	0	†	†
Kaplan College, Phoenix .....	6	487	122	25.1	122	†	7	†	†	†
Lamson College .....	6	180	56	31.1	56	†	12	†	†	†
Phoenix College .....	2	12,565	5,377	42.8	5,377	†	295	†	†	†
Pima Community College .....	2	36,969	13,545	36.6	13,545	†	673	†	†	†
Pima Medical Institute, Mesa .....	6	1,559	420	26.9	420	†	8	†	†	†
Pima Medical Institute, Tucson .....	5	1,617	670	41.4	670	†	41	2	†	†
Refrigeration School Inc. .....	6	782	242	30.9	242	†	4	†	†	†
Sanford, Brown College, Phoenix .....	6	879	495	56.3	495	†	0	†	†	†
South Mountain Community College .....	2	4,738	2,152	45.4	2,152	†	140	†	†	†
Southwest University of Visual Arts, Tucson .....	5	258	89	34.5	89	0	0	6	0	†
University of Phoenix, Phoenix, Hohokam .....	5	6,262	1,424	22.7	1,141	283	†	129	59	†
University of Phoenix, Southern Arizona .....	5	2,316	1,037	44.8	886	151	†	126	52	†
<b>California</b>										
Advanced College .....	6	193	154	79.8	154	†	3	†	†	†
Allan Hancock College .....	2	10,955	5,225	47.7	5,225	†	397	†	†	†
Alliant International University .....	3	3,998	738	18.5	72	666	†	15	93	41
American Career College, Anaheim .....	6	1,928	1,017	52.7	1,017	†	11	†	†	†
American Career College, Los Angeles .....	6	1,828	1,069	58.5	1,069	†	32	†	†	†
American Career College, Ontario .....	6	1,707	994	58.2	994	†	35	†	†	†
Antelope Valley College .....	2	14,100	5,394	38.3	5,394	†	221	†	†	†
Antioch University, Santa Barbara .....	3	381	112	29.4	46	66	†	19	17	1
Art Institute of California, Hollywood .....	5	1,780	842	47.3	842	†	20	21	†	†
Art Institute of California, Inland Empire .....	5	1,856	1,014	54.6	1,014	†	61	37	†	†
Art Institute of California, Los Angeles .....	5	2,175	1,286	59.1	1,286	†	35	72	†	†
Art Institute of California, Orange County .....	5	2,227	911	40.9	911	†	27	39	†	†
Art Institute of California, Sacramento .....	5	1,293	475	36.7	475	†	4	10	†	†
Art Institute of California, San Diego .....	5	2,101	843	40.1	843	†	38	109	†	†
Art Institute of California, San Francisco .....	5	1,617	560	34.6	559	1	8	31	†	†
Art Institute of California, Sunnyvale .....	5	765	305	39.9	305	†	9	9	†	†
Azusa Pacific Online University .....	3	72	19	26.4	19	†	0	0	†	†
Bakersfield College .....	2	17,619	9,437	53.6	9,437	†	399	†	†	†
Barstow Community College .....	2	2,130	802	37.7	802	†	73	†	†	†
Brandman University .....	3	6,763	1,684	24.9	988	696	9	295	183	†
Bristol University .....	5	16	5	31.3	5	0	†	†	0	†
Cabrillo College .....	2	14,535	4,885	33.6	4,885	†	246	†	†	†
California Baptist University .....	3	5,413	1,393	25.7	1,119	274	†	145	60	†
California Christian College .....	3	31	8	25.8	8	†	0	1	†	†
California College, San Diego .....	5	1,455	451	31.0	451	†	57	13	0	†
California Culinary Academy .....	6	749	190	25.4	190	†	2	†	†	†
California State Polytechnic University, Pomona .....	1	21,107	7,506	35.6	7,024	482	†	1,056	97	†
California State University, Bakersfield .....	1	8,002	4,021	50.2	3,545	476	†	502	98	†
California State University, Channel Islands .....	1	4,179	1,603	38.4	1,556	47	†	171	12	†

See notes at end of table.

**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
California State University, Dominguez Hills .....	1	14,364	6,655	46.3	5,799	856	†	785	210	†
California State University, Fresno .....	1	21,981	8,652	39.4	7,711	941	†	1,101	218	7
California State University, Fullerton .....	1	36,156	12,180	33.7	11,010	1,170	†	1,924	228	1
California State University, Long Beach .....	1	34,870	11,749	33.7	10,291	1,458	†	1,579	352	7
California State University, Los Angeles .....	1	21,284	11,732	55.1	10,229	1,503	†	1,272	405	†
California State University, Monterey Bay .....	1	5,173	2,003	38.7	1,878	125	†	211	16	†
California State University, Northridge .....	1	36,911	13,821	37.4	12,606	1,215	†	1,620	358	1
California State University, San Bernardino .....	1	17,250	8,475	49.1	7,749	726	†	990	207	1
California State University, San Marcos .....	1	10,276	3,330	32.4	3,154	176	†	341	26	†
California State University, Stanislaus .....	1	9,246	3,819	41.3	3,359	460	†	420	70	1
Cambridge Junior College, Yuba City .....	6	173	62	35.8	62	†	3	†	†	†
Canada College .....	2	6,854	3,203	46.7	3,203	†	73	†	†	†
Career Networks Institute .....	6	671	252	37.6	252	†	0	†	†	†
Carrington College California, Antioch .....	6	391	123	31.5	123	†	11	†	†	†
Carrington College California, Pomona .....	6	121	75	62.0	75	†	0	†	†	†
Carrington College California, San Jose .....	6	711	328	46.1	328	†	54	†	†	†
Carrington College California, San Leandro .....	6	611	223	36.5	223	†	26	†	†	†
Carrington College California, Stockton .....	6	416	155	37.3	155	†	52	†	†	†
Casa Loma College, Van Nuys .....	4	552	244	44.2	244	†	3	†	†	†
Cerritos College .....	2	21,335	13,285	62.3	13,285	†	560	†	†	†
Chabot College .....	2	13,865	4,584	33.1	4,584	†	153	†	†	†
Chaffey College .....	2	18,597	10,157	54.6	10,157	†	550	†	†	†
Citrus College .....	2	12,113	6,804	56.2	6,804	†	490	†	†	†
College of San Mateo .....	2	10,049	2,778	27.6	2,778	†	68	†	†	†
College of the Canyons .....	2	14,477	5,130	35.4	5,130	†	333	†	†	†
College of the Desert .....	2	9,404	5,858	62.3	5,858	†	277	†	†	†
College of the Sequoias .....	2	11,625	6,579	56.6	6,579	†	464	†	†	†
Community Christian College .....	4	152	81	53.3	81	†	4	†	†	†
Concorde Career College, Garden Grove .....	6	917	386	42.1	386	†	21	†	†	†
Concorde Career College, North Hollywood .....	6	806	416	51.6	416	†	38	†	†	†
Concorde Career College, San Bernardino .....	6	930	474	51.0	474	†	40	†	†	†
Concorde Career College, San Diego .....	6	705	298	42.3	298	†	9	†	†	†
Contra Costa College .....	2	7,671	2,550	33.2	2,550	†	99	†	†	†
Crafton Hills College .....	2	5,635	2,069	36.7	2,069	†	86	†	†	†
Cuyamaca College .....	2	8,436	2,368	28.1	2,368	†	75	†	†	†
Cypress College .....	2	15,426	5,930	38.4	5,930	†	190	†	†	†
DeVry University, California .....	5	10,149	3,995	39.4	3,995	†	78	293	†	†
East Los Angeles College .....	2	37,057	26,922	72.7	26,922	†	831	†	†	†
El Camino College, Compton Center .....	2	8,068	3,328	41.2	3,328	†	65	†	†	†
El Camino Community College District .....	2	24,463	10,283	42.0	10,283	†	453	†	†	†
Everest College, Anaheim .....	6	664	424	63.9	424	†	4	†	†	†
Everest College, City of Industry .....	6	980	773	78.9	773	†	8	†	†	†
Everest College, Los Angeles-Wilshire .....	6	302	177	58.6	177	†	1	†	†	†
Everest College, Ontario Metro .....	5	1,089	690	63.4	690	†	178	20	†	†
Everest College, Reseda .....	6	746	500	67.0	500	†	0	†	†	†
Everest College, San Bernardino .....	6	755	445	58.9	445	†	38	†	†	†
Everest College, West Los Angeles .....	6	436	220	50.5	220	†	21	†	†	†
Evergreen Valley College .....	2	10,564	4,283	40.5	4,283	†	152	†	†	†
Fashion Careers College .....	6	97	41	42.3	41	†	8	†	†	†
Fashion Inst. of Design & Merchandising, Orange County ..	6	316	112	35.4	112	†	†	†	†	†
Fashion Inst. of Design & Merchandising, San Diego .....	6	245	92	37.6	92	†	10	†	†	†
Fremont College .....	5	406	199	49.0	199	†	60	0	†	†
Fresno City College .....	2	20,135	9,520	47.3	9,520	†	473	†	†	†
Fresno Pacific University .....	3	3,568	1,240	34.8	960	280	0	277	39	†
Fullerton College .....	2	18,827	8,904	47.3	8,904	†	459	†	†	†
Gavilan College .....	2	7,676	3,477	45.3	3,477	†	158	†	†	†
Golden West College .....	2	13,539	3,531	26.1	3,531	†	139	†	†	†
Grossmont College .....	2	19,509	5,322	27.3	5,322	†	161	†	†	†
Hands-on Medical Massage School .....	6	34	10	29.4	10	†	1	†	†	†
Hartnell College .....	2	9,464	6,690	70.7	6,690	†	305	†	†	†
Heald College, Concord .....	6	1,772	603	34.0	603	†	29	†	†	†
Heald College, Fresno .....	6	2,109	1,076	51.0	1,076	†	0	†	†	†
Heald College, Hayward .....	6	1,848	766	41.5	766	†	114	†	†	†
Heald College, Modesto .....	6	759	378	49.8	378	†	†	†	†	†
Heald College, Rancho Cordova .....	6	1,448	351	24.2	351	†	10	†	†	†
Heald College, Salinas .....	6	1,490	1,215	81.5	1,215	†	19	†	†	†
Heald College, San Francisco .....	6	1,507	521	34.6	521	†	97	†	†	†
Heald College, San Jose .....	6	1,719	784	45.6	784	†	120	†	†	†
Heald College, Stockton .....	6	1,945	813	41.8	813	†	33	†	†	†
Holy Names University .....	3	1,333	298	22.4	220	78	†	21	19	†
Humphreys College, Stockton and Modesto .....	3	1,159	410	35.4	348	62	31	43	0	3
ICDC College .....	6	4,350	1,997	45.9	1,997	†	1	†	†	†
Imperial Valley College .....	2	7,853	7,404	94.3	7,404	†	513	†	†	†

See notes at end of table.



**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
InfoTech Career College .....	6	265	117	44.2	117	†	†	†	†	†
Institute of Technology Inc. ....	6	3,768	1,467	38.9	1,467	†	128	†	†	†
ITT Technical Institute, Clovis .....	5	559	310	55.5	310	†	66	15	†	†
ITT Technical Institute, Concord .....	5	392	106	27.0	106	†	10	0	†	†
ITT Technical Institute, Corona .....	5	376	154	41.0	154	†	0	0	†	†
ITT Technical Institute, Culver City .....	5	304	167	54.9	167	†	7	0	†	†
ITT Technical Institute, Lathrop .....	5	635	261	41.1	261	†	61	23	†	†
ITT Technical Institute, Orange .....	5	1,002	557	55.6	557	†	113	23	†	†
ITT Technical Institute, Oxnard .....	5	461	244	52.9	244	†	38	22	†	†
ITT Technical Institute, San Bernardino .....	5	1,249	642	51.4	642	†	145	71	†	†
ITT Technical Institute, San Diego .....	5	1,656	594	35.9	594	†	96	39	†	†
ITT Technical Institute, San Dimas .....	5	650	372	57.2	372	†	107	44	†	†
ITT Technical Institute, Sylmar .....	5	905	540	59.7	540	†	108	60	†	†
ITT Technical Institute, Torrance .....	5	776	450	58.0	450	†	88	35	†	†
ITT Technical Institute, West Covina .....	5	428	339	79.2	339	†	14	0	†	†
Kaplan College, Bakersfield .....	6	581	414	71.3	414	†	57	†	†	†
Kaplan College, Chula Vista .....	6	295	221	74.9	221	†	12	†	†	†
Kaplan College, Fresno .....	6	425	317	74.6	317	†	20	†	†	†
Kaplan College, Modesto .....	6	755	390	51.7	390	†	10	†	†	†
Kaplan College, Palm Springs .....	6	440	295	67.0	295	†	23	†	†	†
Kaplan College, Panorama City .....	6	157	118	75.2	118	†	3	†	†	†
Kaplan College, Riverside .....	6	293	214	73.0	214	†	0	†	†	†
Kaplan College, Sacramento .....	6	468	145	31.0	145	†	1	†	†	†
Kaplan College, San Diego .....	6	1,256	388	30.9	388	†	12	†	†	†
Kaplan College, Stockton .....	6	392	180	45.9	180	†	1	†	†	†
Kaplan College, Vista .....	6	946	414	43.8	414	†	4	†	†	†
La Sierra University .....	3	2,199	706	32.1	656	50	†	38	19	†
Le Cordon Bleu College of Culinary Arts, Pasadena .....	6	2,719	1,220	44.9	1,220	†	349	†	†	†
Long Beach City College .....	2	25,782	11,340	44.0	11,340	†	230	†	†	†
Los Angeles City College .....	2	21,028	9,888	47.0	9,888	†	196	†	†	†
Los Angeles County College of Nursing and Allied Health .....	2	233	81	34.8	81	†	40	†	†	†
Los Angeles Film School .....	6	2,881	760	26.4	760	†	13	†	†	†
Los Angeles Harbor College .....	2	10,874	5,635	51.8	5,635	†	219	†	†	†
Los Angeles Mission College .....	2	10,300	7,804	75.8	7,804	†	294	†	†	†
Los Angeles ORT College, Los Angeles Campus .....	4	224	73	32.6	73	†	9	†	†	†
Los Angeles Pierce College .....	2	20,506	8,608	42.0	8,608	†	249	†	†	†
Los Angeles Southwest College .....	2	6,800	2,167	31.9	2,167	†	38	†	†	†
Los Angeles Trade Technical College .....	2	15,516	8,628	55.6	8,628	†	176	†	†	†
Los Angeles Valley College .....	2	18,789	8,940	47.6	8,940	†	269	†	†	†
Los Medanos College .....	2	9,019	2,985	33.1	2,985	†	174	†	†	†
Marymount College .....	3	923	240	26.0	240	†	23	†	†	†
Mendocino College .....	2	3,834	914	23.8	914	†	52	†	†	†
Merced College .....	2	10,480	5,580	53.2	5,580	†	222	†	†	†
MiraCosta College .....	2	14,441	4,082	28.3	4,082	†	127	†	†	†
Modesto Junior College .....	2	17,609	7,041	40.0	7,041	†	346	†	†	†
Monterey Peninsula College .....	2	8,968	2,515	28.0	2,515	†	92	†	†	†
Moorpark College .....	2	15,357	3,910	25.5	3,910	†	236	†	†	†
Moreno Valley College .....	2	9,928	4,911	49.5	4,911	†	165	†	†	†
Mount Saint Mary's College .....	3	2,943	1,511	51.3	1,214	297	56	173	40	†
Mount San Antonio College .....	2	28,388	15,576	54.9	15,576	†	751	†	†	†
Mount San Jacinto Community College District .....	2	14,916	5,638	37.8	5,638	†	432	†	†	†
Mount Sierra College .....	5	624	342	54.8	342	†	†	21	†	†
Napa Valley College .....	2	6,688	2,229	33.3	2,229	†	164	†	†	†
National Hispanic University .....	5	660	381	57.7	315	66	1	28	†	†
Newschool of Architecture and Design .....	5	613	182	29.7	144	38	†	14	5	†
Norco College .....	2	10,041	4,944	49.2	4,944	†	149	†	†	†
Notre Dame de Namur University .....	3	1,967	481	24.5	357	124	†	44	19	†
Orange Coast College .....	2	22,654	6,470	28.6	6,470	†	282	†	†	†
Oxnard College .....	2	7,395	5,093	68.9	5,093	†	354	†	†	†
Pacific College .....	5	293	172	58.7	172	†	4	0	†	†
Pacific Oaks College .....	3	608	250	41.1	93	157	†	13	21	†
Palo Verde College .....	2	3,518	1,152	32.7	1,152	†	37	†	†	†
Palomar College .....	2	25,427	8,634	34.0	8,634	†	480	†	†	†
Pasadena City College .....	2	26,057	11,051	42.4	11,051	†	429	†	†	†
Pima Medical Institute, Chula Vista .....	6	1,236	628	50.8	628	†	20	†	†	†
Pinnacle College .....	6	189	68	36.0	68	†	†	†	†	†
Platt College, Los Angeles .....	5	449	357	79.5	357	†	98	10	†	†
Platt College, Ontario .....	5	594	378	63.6	378	†	82	11	†	†
Porterville College .....	2	4,190	2,688	64.2	2,688	†	108	†	†	†
Reedley College .....	2	14,057	7,595	54.0	7,595	†	300	†	†	†
Rio Hondo College .....	2	17,862	13,420	75.1	13,420	†	461	†	†	†
Riverside City College .....	2	18,395	9,238	50.2	9,238	†	733	†	†	†

See notes at end of table.

**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
Sacramento City College.....	2	24,106	6,629	27.5	6,629	†	180	†	†	†
Sage College.....	6	600	188	31.3	188	†	2	†	†	†
Saint Mary's College of California.....	3	4,099	898	21.9	743	155	7	96	43	1
San Bernardino Valley College.....	2	12,380	7,161	57.8	7,161	†	264	†	†	†
San Diego City College.....	2	17,728	7,820	44.1	7,820	†	251	†	†	†
San Diego Mesa College.....	2	25,504	7,317	28.7	7,317	†	148	†	†	†
San Diego State University.....	1	30,541	8,561	28.0	7,560	1,001	†	1,416	217	8
San Diego State University, Imperial Valley Campus.....	1	808	745	92.2	606	139	†	196	26	†
San Joaquin Delta College.....	2	19,495	7,053	36.2	7,053	†	844	†	†	†
San Joaquin Valley College, Bakersfield.....	6	1,137	594	52.2	594	†	256	†	†	†
San Joaquin Valley College, Fresno.....	6	1,162	646	55.6	646	†	239	†	†	†
San Joaquin Valley College, Fresno Aviation.....	6	118	44	37.3	44	†	17	†	†	†
San Joaquin Valley College, Hesperia.....	6	939	496	52.8	496	†	125	†	†	†
San Joaquin Valley College, Modesto.....	6	616	334	54.2	334	†	140	†	†	†
San Joaquin Valley College, Rancho Cucamonga.....	6	1,150	733	63.7	733	†	327	†	†	†
San Joaquin Valley College, Temecula.....	6	168	94	56.0	94	†	†	†	†	†
San Joaquin Valley College, Visalia.....	6	1,679	894	53.2	894	†	376	†	†	†
San Jose City College.....	2	10,107	4,323	42.8	4,323	†	150	†	†	†
Santa Ana College.....	2	30,289	15,642	51.6	15,642	†	786	†	†	†
Santa Barbara Business College, Bakersfield.....	5	750	521	69.5	521	†	136	†	†	†
Santa Barbara Business College, Santa Maria.....	5	272	189	69.5	189	†	27	†	†	†
Santa Barbara Business College, Ventura.....	5	341	219	64.2	218	†	63	†	†	†
Santa Barbara City College.....	2	19,672	6,667	33.9	6,667	†	410	†	†	†
Santa Monica College.....	2	29,971	10,349	34.5	10,349	†	308	†	†	†
Santa Rosa Junior College.....	2	24,199	5,990	24.8	5,990	†	188	†	†	†
Santiago Canyon College.....	2	12,372	5,636	45.6	5,636	†	199	†	†	†
Skyline College.....	2	9,825	2,632	26.8	2,632	†	89	†	†	†
South Coast College.....	6	392	130	33.2	130	†	8	†	†	†
Southern California Institute of Technology.....	5	606	279	46.0	279	†	2	20	†	†
Southwestern College.....	2	20,409	11,920	58.4	11,920	†	572	†	†	†
Stanbridge College.....	5	413	126	30.5	126	†	1	†	†	†
Taft College.....	2	5,346	2,608	48.8	2,608	†	104	†	†	†
United Education Institute, Huntington Park Campus.....	6	12,317	9,384	76.2	9,384	†	390	†	†	†
United States University.....	5	443	220	49.7	167	53	†	10	0	†
University of Antelope Valley.....	5	922	395	42.8	395	0	78	27	0	†
University of California, Merced.....	1	5,198	1,923	37.0	1,887	36	†	134	3	0
University of California, Riverside.....	1	20,900	6,666	31.9	6,372	294	†	944	30	18
University of California, Santa Barbara.....	1	21,685	4,986	23.0	4,687	299	†	959	56	14
University of La Verne.....	3	8,370	3,401	40.6	2,300	1,101	†	381	269	39
University of Phoenix, Central Valley Campus.....	5	2,664	1,183	44.4	1,022	161	†	142	17	†
University of Phoenix, San Diego Campus.....	5	6,686	2,696	40.3	2,443	253	†	145	64	†
University of Phoenix, Southern California Campus.....	5	10,996	4,589	41.7	4,044	545	†	502	129	†
Vanguard University of Southern California.....	3	2,197	568	25.9	514	54	†	65	10	†
Ventura College.....	2	13,758	6,932	50.4	6,932	†	457	†	†	†
Victor Valley College.....	2	12,282	5,011	40.8	5,011	†	229	†	†	†
West Coast Ultrasound Institute.....	6	777	336	43.2	336	†	†	†	†	†
West Hills College Coalinga.....	2	2,738	1,649	60.2	1,649	†	109	†	†	†
West Hills College Lemoore.....	2	4,067	2,102	51.7	2,102	†	105	†	†	†
West Los Angeles College.....	2	11,330	4,064	35.9	4,064	†	81	†	†	†
Westwood College, Anaheim.....	5	1,049	754	71.9	754	†	1	130	†	†
Westwood College, Inland Empire.....	5	1,214	825	68.0	825	†	8	108	†	†
Westwood College, Los Angeles.....	5	3,331	904	27.1	897	7	4	118	9	†
Westwood College, South Bay.....	5	735	419	57.0	419	†	2	58	†	†
Whittier College.....	3	2,417	798	33.0	607	191	†	90	28	19
Woodbury University.....	3	1,615	485	30.0	428	57	†	86	31	†
Woodland Community College.....	2	2,804	1,242	44.3	1,242	†	89	†	†	†
Wyotech, Fremont.....	6	1,724	615	35.7	615	†	11	†	†	†
Wyotech, Long Beach.....	6	1,633	1,088	66.6	1,088	†	9	†	†	†
Wyotech, West Sacramento.....	6	1,380	406	29.4	406	†	44	†	†	†
Yuba College.....	2	7,299	1,915	26.2	1,915	†	95	†	†	†
<b>Colorado</b>										
Academy of Natural Therapy.....	6	71	22	31.0	22	†	†	†	†	†
Adams State College.....	1	3,302	996	30.2	848	148	†	61	41	†
Aims Community College.....	2	5,290	1,469	27.8	1,469	†	91	†	†	†
Colorado Heights University.....	3	122	57	46.7	57	0	†	†	0	†
Colorado State University, Pueblo.....	1	7,174	1,772	24.7	1,589	183	†	152	13	†
Community College of Denver.....	2	13,053	3,692	28.3	3,692	†	101	†	†	†
Concorde Career College, Aurora.....	6	795	222	27.9	222	†	12	†	†	†
Everest College, Aurora.....	6	485	149	30.7	149	†	14	†	†	†
Everest College, Thornton.....	6	460	205	44.6	205	†	33	†	†	†
Heritage College, Denver.....	6	724	265	36.6	265	†	64	†	†	†
Institute of Business and Medical Careers.....	6	305	100	32.8	100	†	30	†	†	†

See notes at end of table.

**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
Intellitec College, Grand Junction .....	6	869	271	31.2	271	†	61	†	†	†
ITT Technical Institute, Westminster .....	5	414	107	25.8	107	†	41	6	†	†
Kaplan College, Denver .....	6	184	102	55.4	102	†	0	†	†	†
Lincoln College of Technology, Denver .....	6	1,195	367	30.7	367	†	48	†	†	†
Otero Junior College .....	2	1,546	525	34.0	525	†	60	†	†	†
Pima Medical Institute, Denver .....	6	1,235	446	36.1	446	†	15	†	†	†
Pueblo Community College .....	2	8,055	2,547	31.6	2,547	†	153	†	†	†
Trinidad State Junior College .....	2	1,839	776	42.2	776	†	75	†	†	†
Westwood College, Denver North .....	5	550	173	27.8	153	†	8	20	†	†
Westwood College, Denver South .....	5	333	101	30.3	101	†	13	7	†	†
<b>Connecticut</b>										
Capital Community College .....	2	4,512	1,432	31.7	1,432	†	118	†	†	†
Housatonic Community College .....	2	5,975	1,573	26.3	1,573	†	122	†	†	†
Norwalk Community College .....	2	6,807	2,017	29.6	2,017	†	106	†	†	†
Sanford-Brown College, Farmington .....	6	318	95	29.9	95	†	1	†	†	†
<b>Florida</b>										
Acupuncture and Massage College .....	5	167	102	61.1	29	73	†	†	7	†
AI Miami International University of Art and Design .....	5	4,068	1,718	42.2	1,663	55	57	247	12	†
American Institute .....	5	69	17	24.6	17	†	†	3	†	†
American InterContinental University, South Florida .....	5	722	301	41.7	256	45	45	62	21	†
Anthem College, Orlando .....	6	388	170	43.8	170	†	1	†	†	†
Art Institute of Fort Lauderdale .....	5	2,543	831	32.7	831	†	101	133	†	†
ATI College of Health .....	6	974	282	29.0	282	†	53	†	†	†
Atlantic Institute of Oriental Medicine .....	3	135	43	31.9	9	34	†	10	10	†
Barry University .....	3	8,905	2,483	27.9	1,443	1,040	†	329	175	21
Broward College .....	1	42,198	14,157	33.5	14,157	†	1,471	3	†	†
Cambridge Institute of Health & Technology .....	6	183	45	24.6	45	†	15	†	†	†
Carlos Albizu University, Miami .....	3	1,047	829	79.2	273	556	†	95	122	10
CBT College, Cutler Bay .....	6	76	25	32.9	25	†	2	†	†	†
City College, Altamonte Springs .....	4	253	81	32.0	81	†	35	†	†	†
City College, Miami .....	3	324	197	60.8	197	†	64	10	†	†
College of Business and Technology, Flagler .....	6	314	311	99.0	311	†	27	†	†	†
College of Business and Technology, Hialeah .....	6	179	179	100.0	179	†	12	†	†	†
College of Business and Technology, Kendall .....	6	110	105	95.5	105	†	27	†	†	†
Concorde Career Institute, Miramar .....	6	511	158	30.9	158	†	9	†	†	†
Concorde Career Institute, Orlando .....	6	228	86	37.7	86	†	0	†	†	†
Concorde Career Institute, Tampa .....	6	501	184	36.7	184	†	1	†	†	†
Dade Medical College, Hialeah .....	6	440	366	83.2	366	†	88	†	†	†
Dade Medical College, Homestead .....	6	297	212	71.4	212	†	6	†	†	†
Dade Medical College, Miami .....	6	864	718	83.1	718	†	67	†	†	†
DeVry University, Florida .....	5	3,693	1,186	32.1	1,186	†	27	188	†	†
Everest Institute, Hialeah .....	6	592	426	72.0	426	†	24	†	†	†
Everest Institute, Kendall .....	6	676	464	68.6	464	†	22	†	†	†
Everest University, Tampa .....	5	1,126	427	37.9	420	7	48	9	2	†
FastTrain of Kendall .....	6	187	71	38.0	71	†	0	†	†	†
FastTrain of Miami .....	6	100	53	53.0	53	†	0	†	†	†
FastTrain of Pembroke Pines .....	6	115	33	28.7	33	†	0	†	†	†
Florida Career College, Miami .....	5	3,651	1,176	32.2	1,176	†	108	29	†	†
Florida College of Natural Health, Maitland .....	6	646	181	28.0	181	†	10	†	†	†
Florida College of Natural Health, Miami .....	6	334	257	76.9	257	†	31	†	†	†
Florida College of Natural Health, Pompano Beach .....	6	380	113	29.7	113	†	8	†	†	†
Florida International University .....	1	44,616	27,751	62.2	24,006	3,745	45	4,156	1,100	136
Florida National College, Main Campus .....	5	2,744	2,411	87.9	2,411	†	317	28	†	†
Florida Technical College .....	6	2,966	1,550	52.3	1,550	†	96	†	†	†
Fortis College, Largo .....	6	502	139	27.7	139	†	0	†	†	†
Fortis College, Miami .....	6	705	654	92.8	654	†	175	†	†	†
Fortis College, Winter Park .....	6	482	133	27.6	133	†	10	†	†	†
Heritage Institute, Fort Myers .....	6	804	237	29.5	237	†	129	†	†	†
Hillsborough Community College .....	2	28,329	7,518	26.5	7,518	†	662	†	†	†
Hodges University .....	3	2,439	794	32.6	738	56	78	63	10	†
International Academy of Design and Technology, Orlando ..	5	771	308	39.9	308	†	3	28	†	†
ITT Technical Institute, Fort Lauderdale .....	5	683	210	30.7	210	†	67	13	†	†
ITT Technical Institute, Fort Myers .....	5	299	83	27.8	83	†	0	0	†	†
ITT Technical Institute, Miami .....	5	680	551	81.0	551	†	146	50	†	†
ITT Technical Institute, Orlando .....	5	193	78	40.4	78	†	0	0	†	†
Johnson & Wales University, North Miami .....	3	2,153	580	26.9	580	†	47	42	†	†
Jose Maria Vargas University .....	5	167	158	94.6	153	5	5	0	5	†
Kaplan College, Pembroke Pines .....	6	67	26	38.8	26	†	†	†	†	†
Keiser Career College, Greenacres .....	6	1,490	441	29.6	441	†	90	†	†	†
Keiser University, Fort Lauderdale .....	3	17,042	4,717	27.7	4,585	132	891	118	19	0
Le Cordon Bleu College of Culinary Arts, Miami .....	6	1,553	1,122	72.2	1,122	†	173	†	†	†
Le Cordon Bleu College of Culinary Arts, Orlando .....	6	1,683	569	33.8	569	†	93	†	†	†

See notes at end of table.

**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
Medvance Institute, Miami .....	6	276	203	73.6	203	†	8	†	†	†
Medvance Institute, West Palm .....	6	912	264	28.9	264	†	7	†	†	†
Miami Ad School, Miami Beach .....	6	181	79	43.6	79	†	0	†	0	†
Miami Dade College .....	1	63,736	45,977	72.1	45,977	†	6,335	228	†	†
Millennia Atlantic University .....	5	70	38	54.3	27	11	3	1	2	†
Nova Southeastern University .....	3	28,457	6,858	24.1	2,219	4,639	0	405	812	279
Polytechnic University of Puerto Rico, Miami Campus ....	3	136	130	95.6	72	58	†	31	42	†
Polytechnic University of Puerto Rico, Orlando .....	3	162	162	100.0	113	49	†	29	12	†
Professional Training Centers .....	6	544	524	96.3	524	†	108	†	†	†
Remington College, Tampa Campus .....	3	177	46	26.0	46	†	3	3	†	†
SABER .....	4	384	352	91.7	352	†	0	†	†	†
Saint John Vianney College Seminary .....	3	73	36	49.3	27	9	†	1	†	†
Saint Thomas University .....	3	2,472	984	39.8	488	496	†	135	73	85
Sanford-Brown Institute, Fort Lauderdale .....	6	871	343	39.4	343	†	6	†	†	†
Sanford-Brown Institute, Orlando .....	6	765	346	45.2	346	†	1	†	†	†
South Florida Community College .....	2	2,759	757	27.4	757	†	109	†	†	†
Talmudic College of Florida .....	3	56	15	26.8	13	2	†	1	0	†
Trinity International University, Florida .....	3	392	159	40.6	128	31	†	8	6	†
University of Phoenix, Central Florida Campus .....	5	1,564	491	31.4	421	70	†	57	26	†
University of Phoenix, South Florida Campus .....	5	2,249	699	31.1	549	150	†	62	36	†
Valencia College .....	1	42,631	14,040	32.9	14,040	†	1,674	†	†	†
<b>Illinois</b>										
City Colleges of Chicago, Harold Washington College ....	2	9,013	2,836	31.5	2,836	†	148	†	†	†
City Colleges of Chicago, Harry S Truman College .....	2	12,702	4,762	37.5	4,762	†	78	†	†	†
City Colleges of Chicago, Malcolm X College .....	2	7,776	2,331	30.0	2,331	†	60	†	†	†
City Colleges of Chicago, Richard J. Daley College .....	2	8,250	5,518	66.9	5,518	†	116	†	†	†
City Colleges of Chicago, Wilbur Wright College .....	2	12,673	6,535	51.6	6,535	†	241	†	†	†
College of Lake County .....	2	17,389	4,725	27.2	4,725	†	141	†	†	†
Dominican University .....	3	3,612	807	22.3	632	175	†	91	53	0
Elgin Community College .....	2	11,811	3,967	33.6	3,967	†	172	†	†	†
Fox College Inc. ....	6	447	136	30.4	136	†	51	†	†	†
ITT Technical Institute, Mount Prospect .....	5	429	130	30.3	130	†	34	7	†	†
ITT Technical Institute, Oak Brook .....	5	451	149	33.0	149	†	22	14	†	†
Lexington College .....	3	64	23	35.9	23	†	1	1	†	†
Lincoln College of Technology, Melrose Park .....	6	1,249	622	49.8	622	†	165	†	†	†
Morton College .....	2	5,321	4,299	80.8	4,299	†	236	†	†	†
Northwestern College .....	1	11,580	3,446	29.8	3,113	333	†	418	55	†
Northwestern College, Southwestern Campus .....	6	742	222	29.9	222	†	27	†	†	†
Northwestern College, Southwestern Campus .....	6	1,027	343	33.4	343	†	43	†	†	†
Saint Augustine College .....	3	1,675	1,507	90.0	1,507	†	189	6	†	†
Triton College .....	2	14,403	5,640	39.2	5,640	†	184	†	†	†
Waubesa Community College .....	2	10,717	3,452	32.2	3,452	†	145	†	†	†
Westwood College, Dupage .....	5	437	108	24.7	108	†	2	17	†	†
Westwood College, O'Hare Airport .....	5	655	264	40.3	264	†	2	46	†	†
<b>Indiana</b>										
Calumet College of Saint Joseph .....	3	1,148	326	28.4	295	31	4	54	6	†
Kaplan College, Hammond .....	6	499	130	26.1	130	†	22	†	†	†
<b>Kansas</b>										
Dodge City Community College .....	2	1,924	609	31.7	609	†	38	†	†	†
Donnelly College .....	3	556	204	36.7	204	†	9	5	†	†
Garden City Community College .....	2	1,887	636	33.7	636	†	62	†	†	†
Seward County Community College and Area Technical School ..	2	1,906	722	37.9	722	†	61	†	†	†
<b>Maryland</b>										
Saint Mary's Seminary & University .....	3	225	8	3.6	2	6	†	0	0	0
<b>Massachusetts</b>										
Bunker Hill Community College .....	2	12,934	3,501	27.1	3,501	†	90	†	†	†
Cambridge College .....	3	3,811	592	15.5	289	303	†	44	104	0
Marian Court College .....	4	233	61	26.2	61	†	10	†	†	†
Northern Essex Community College .....	2	7,036	2,166	30.8	2,166	†	107	†	†	†
Salter College, Chicopee .....	6	72	32	44.4	32	†	†	†	†	†
Salter College, West Boylston .....	6	813	226	27.8	226	†	23	†	†	†
Urban College of Boston .....	4	562	270	48.0	270	†	35	†	†	†
<b>Nevada</b>										
Art Institute of Las Vegas .....	5	1,232	431	35.0	431	†	9	20	†	†
Everest College, Henderson .....	6	1,031	344	33.4	344	†	49	†	†	†
Kaplan College, Las Vegas .....	6	765	210	27.5	210	†	11	†	†	†
Pima Medical Institute, Las Vegas .....	6	1,167	318	27.2	318	†	13	†	†	†
<b>New Jersey</b>										
Bergen Community College .....	2	17,271	5,330	30.9	5,330	†	479	†	†	†
Berkeley College, Woodland Park .....	5	3,363	1,394	41.5	1,394	†	69	113	†	†
DeVry University, New Jersey .....	5	2,028	568	28.0	568	†	28	29	†	†

See notes at end of table.



**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic under-graduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
Mandl, The College of Allied Health .....	6	982	445	45.3	445	†	56	†	†	†
Mercy College.....	3	11,539	3,490	30.2	2,699	791	13	217	220	3
Monroe College, Main Campus .....	5	4,399	2,396	54.5	2,311	85	536	304	39	†
Monroe College, New Rochelle .....	5	2,143	589	27.5	567	22	90	49	5	†
New York Career Institute .....	6	778	186	23.9	186	†	12	†	†	†
Nyack College.....	3	3,263	792	24.3	527	265	5	90	38	†
Pacific College of Oriental Medicine, New York .....	5	646	79	12.2	48	31	5	0	2	†
Plaza College .....	5	751	238	31.7	238	†	55	17	†	†
Professional Business College .....	4	847	243	28.7	243	†	49	†	†	†
SBI Campus, An Affiliate of Sanford-Brown.....	6	487	153	31.4	153	†	21	†	†	†
SUNY, Westchester Community College .....	2	13,969	3,902	27.9	3,902	†	0	†	†	†
Technical Career Institutes .....	6	4,202	1,717	40.9	1,717	†	465	†	†	†
Vaughn College of Aeronautics and Technology .....	3	1,680	655	39.0	652	3	61	27	1	†
Wood Tobe-Coburn School.....	6	617	324	52.5	324	†	110	†	†	†
<b>Oregon</b>										
Mount Angel Seminary .....	3	183	63	34.4	26	37	†	6	4	†
<b>Pennsylvania</b>										
Berks Technical Institute.....	6	997	337	33.8	337	†	98	†	†	†
Consolidated School of Business, Lancaster .....	6	122	42	34.4	42	†	8	†	†	†
Lincoln Technical Institute, Allentown .....	6	627	163	26.0	163	†	6	†	†	†
Lincoln Technical Institute, Northeast Philadelphia .....	6	358	94	26.3	94	†	1	†	†	†
Pace Institute .....	6	256	151	59.0	151	†	45	†	†	†
Pennsylvania School of Business .....	6	279	117	41.9	117	†	25	†	†	†
<b>Texas</b>										
Academy of Health Care Professions.....	6	205	78	38.0	78	†	†	†	†	†
Academy of Health Care Professions, Northwest.....	6	418	282	67.5	282	†	2	†	†	†
Allied Health Careers .....	6	227	122	53.7	122	†	14	†	†	†
Alvin Community College .....	2	5,129	1,390	27.1	1,390	†	110	†	†	†
Amarillo College .....	2	11,616	3,770	32.5	3,770	†	214	†	†	†
American InterContinental University, Houston .....	5	529	121	22.9	118	3	10	10	4	†
Anamarc College, El Paso.....	6	491	416	84.7	416	†	0	†	†	†
Angelo State University .....	1	7,084	1,817	25.6	1,684	133	37	184	24	0
Anthem College, Irving .....	6	359	145	40.4	145	†	0	†	†	†
Art Institute of Austin .....	5	1,694	698	41.2	698	†	2	10	†	†
Art Institute of Houston.....	5	2,682	832	31.0	832	†	42	51	†	†
Art Institute of San Antonio.....	5	572	299	52.3	299	†	0	0	†	†
ATI Career Training Center, Dallas.....	6	455	161	35.4	161	†	7	†	†	†
Austin Community College District .....	2	45,100	13,089	29.0	13,089	†	358	†	†	†
Baptist Health System School of Health Professions .....	6	514	219	42.6	219	†	65	†	†	†
Baptist University of the Americas.....	3	259	179	69.1	179	†	7	24	†	†
Brazosport College.....	1	4,191	1,418	33.8	1,418	†	66	3	†	†
Brookhaven College .....	2	13,705	4,197	30.6	4,197	†	168	†	†	†
Brown Mackie College, San Antonio .....	5	379	160	42.2	160	†	0	0	†	†
Capitol City Careers .....	6	23	19	82.6	19	†	†	†	†	†
Career Point College .....	5	1,820	1,204	66.2	1,204	†	42	†	†	†
Career Quest .....	6	348	201	57.8	201	†	†	†	†	†
Center for Advanced Legal Studies .....	5	261	64	24.5	48	16	19	†	†	†
Cisco College .....	2	4,408	1,103	25.0	1,103	†	21	†	†	†
Coastal Bend College.....	2	3,919	2,651	67.6	2,651	†	190	†	†	†
College of Biblical Studies, Houston.....	3	493	145	29.4	145	†	5	16	†	†
Computer Career Center .....	6	1,498	1,111	74.2	1,111	†	86	†	†	†
Concorde Career Institute, Dallas.....	6	226	72	31.9	72	†	0	†	†	†
Concorde Career Institute, San Antonio.....	6	376	268	71.3	268	†	0	†	†	†
Culinary Institute Inc. ....	6	536	183	34.1	183	†	13	†	†	†
Del Mar College.....	2	12,071	7,216	59.8	7,216	†	582	†	†	†
DeVry University, Texas .....	5	4,270	1,238	29.0	1,238	†	33	153	†	†
Eastfield College.....	2	13,885	4,965	35.8	4,965	†	172	†	†	†
El Centro College .....	2	12,028	4,179	34.7	4,179	†	151	†	†	†
El Paso Community College .....	2	30,723	26,376	85.9	26,376	†	2,549	†	†	†
Everest College, Arlington .....	6	652	223	34.2	223	†	16	†	†	†
Everest College, Dallas .....	6	1,252	345	27.6	345	†	1	†	†	†
Everest College, Fort Worth .....	6	553	161	29.1	161	†	5	†	†	†
Everest College, Fort Worth South .....	6	528	205	38.8	205	†	29	†	†	†
Frank Phillips College .....	2	1,040	259	24.9	259	†	16	†	†	†
Franklin College .....	6	328	308	93.9	308	†	77	†	†	†
Franklin College.....	6	367	346	94.3	346	†	17	†	†	†
Galen College of Nursing, San Antonio.....	6	833	402	48.3	402	†	55	†	†	†
Galveston College .....	2	2,222	637	28.7	637	†	58	†	†	†
Hallmark College of Technology/Aeronautics .....	5	798	413	51.8	413	†	131	4	†	†
Houston Baptist University.....	3	2,432	634	26.1	583	51	0	62	14	†
Houston Community College.....	2	63,015	19,143	30.4	19,143	†	845	†	†	†
Howard College .....	2	4,478	1,905	42.5	1,905	†	100	†	†	†

See notes at end of table.







**Table 279. Enrollment and degrees conferred in degree-granting institutions that serve large proportions of Hispanic undergraduate students, by selected characteristics, state, and institution: Fall 2011 and 2010–11—Continued**

State and institution	Level and control <sup>1</sup>	Enrollment, fall 2011					Degrees awarded to Hispanics, 2010–11			
		Total	Hispanic	Percent Hispanic	Hispanic undergraduate	Hispanic postbaccalaureate	Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11
John Dewey College, Carolina.....	4	946	946	100.0	946	†	†	†	†	†
John Dewey College, Hatillo.....	4	327	327	100.0	327	†	†	†	†	†
John Dewey College, Juana Diaz.....	4	225	225	100.0	225	†	†	†	†	†
John Dewey College, Manati.....	6	318	318	100.0	318	†	†	†	†	†
John Dewey College, University Division.....	3	2,521	2,521	100.0	1,488	1,033	162	153	†	†
Mech-Tech College LLC.....	6	3,279	3,279	100.0	3,279	†	324	†	†	†
National University College.....	5	214	214	100.0	214	†	0	0	†	†
National University College, Arecibo.....	5	1,683	1,683	100.0	1,683	†	256	100	†	†
National University College, Bayamón.....	5	2,804	2,804	100.0	2,796	8	341	153	†	†
National University College, Ponce.....	5	800	800	100.0	800	†	62	107	†	†
National University College, Rio Grande.....	5	1,476	1,476	100.0	1,476	†	122	86	†	†
Ponce Paramedical College Inc.....	6	3,608	3,608	100.0	3,608	†	253	†	†	†
Pontifical Catholic University of Puerto Rico.....	3	8,782	8,741	99.5	6,304	2,437	28	644	197	266
Pontifical Catholic University of Puerto Rico, Arecibo.....	3	879	872	99.2	594	278	10	57	38	†
Pontifical Catholic University of Puerto Rico, Mayaguez.....	3	1,549	1,548	99.9	1,445	103	8	121	32	†
Puerto Rico Conservatory of Music.....	1	463	423	91.4	384	39	†	34	5	†
San Juan Bautista School of Medicine.....	3	314	256	81.5	7	249	†	†	†	57
Universal Technology College of Puerto Rico.....	4	1,395	1,395	100.0	1,395	†	213	†	†	†
Universidad Adventista de las Antillas.....	3	1,235	1,149	93.0	1,088	61	12	95	15	†
Universidad Central Del Caribe.....	3	494	472	95.5	172	300	37	17	14	60
Universidad Del Este.....	3	13,775	13,775	100.0	12,666	1,109	213	924	383	†
Universidad Del Turabo.....	3	16,605	16,605	100.0	13,817	2,788	106	1,264	837	28
Universidad Metropolitana.....	3	13,529	13,529	100.0	11,278	2,251	108	1,104	541	2
Universidad Pentecostal Mizpa.....	3	352	352	100.0	352	†	15	8	†	†
Universidad Politecnica de Puerto Rico, Hato Rey.....	3	5,050	5,050	100.0	4,318	732	†	510	228	†
Universidad Teologica del Caribe.....	3	205	201	98.0	201	†	†	20	†	†
University of Phoenix, Puerto Rico.....	5	1,878	1,788	95.2	858	930	†	109	438	†
University of Puerto Rico, Aguadilla.....	1	2,948	2,931	99.4	2,931	†	7	178	†	†
University of Puerto Rico, Arecibo.....	1	3,577	3,577	100.0	3,577	†	87	462	†	†
University of Puerto Rico, Bayamón.....	1	4,948	4,948	100.0	4,948	†	44	435	†	†
University of Puerto Rico, Carolina.....	1	3,530	3,474	98.4	3,474	†	126	490	†	†
University of Puerto Rico, Cayey.....	1	3,550	3,550	100.0	3,550	†	†	434	†	†
University of Puerto Rico, Humacao.....	1	3,774	3,750	99.4	3,750	†	93	410	†	†
University of Puerto Rico, Mayaguez.....	1	12,474	12,474	100.0	11,534	940	†	1,397	107	10
University of Puerto Rico, Medical Sciences.....	1	2,301	2,287	99.4	522	1,765	44	144	190	194
University of Puerto Rico, Ponce.....	1	2,908	2,908	100.0	2,908	†	116	316	†	†
University of Puerto Rico, Rio Piedras.....	1	15,402	15,140	98.3	12,145	2,995	†	1,017	132	145
University of Puerto Rico, Utuado.....	1	1,269	1,261	99.4	1,261	†	35	42	†	†
University of Sacred Heart.....	3	6,518	6,518	100.0	5,521	997	125	603	176	†

†Not applicable.

<sup>1</sup>1 = 4-year public; 2 = 2-year public; 3 = 4-year private nonprofit; 4 = 2-year private nonprofit; 5 = 4-year private for-profit; and 6 = 2-year private for-profit.

<sup>2</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. This table includes institutions that serve large proportions of

Hispanic undergraduate students, defined as institutions with a full-time-equivalent undergraduate enrollment of Hispanic students at 25 percent or more of full-time-equivalent undergraduate enrollment of U.S. citizens. Data for Hispanics include only persons who were U.S. citizens or permanent residents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Enrollment component; and Fall 2011, Completions component. (This table was prepared January 2013.)

**Table 280. Fall enrollment and degrees conferred in degree-granting tribally controlled institutions, by state and institution: Selected years, fall 2000 through fall 2011, and 2009–10 and 2010–11**

State and institution	Level and control <sup>1</sup>	Total fall enrollment											Degrees to American Indians/ Alaska Natives			
		2000	2005	2006	2007	2008	2009	2010	2011				Associate's		Bachelor's	
									Total	Total American Indian/ Alaska Native	Percent American Indian/ Alaska Native	Undergraduate American Indian/ Alaska Native	2009–10	2010–11	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Tribally controlled institutions<sup>2</sup></b>	<b>†</b>	<b>13,440</b>	<b>16,978</b>	<b>17,057</b>	<b>17,175</b>	<b>16,786</b>	<b>19,453</b>	<b>20,990</b>	<b>18,920</b>	<b>14,947</b>	<b>79.0</b>	<b>14,850</b>	<b>1,132</b>	<b>177</b>	<b>1,293</b>	<b>200</b>
Alaska																
Ilisagvik College	2	322	278	203	439	251	226	288	226	137	60.6	137	4	9	†	†
Arizona																
Diné College	1	1,712	1,825	1,669	1,657	1,527	1,935	2,033	2,021	1,994	98.7	1,994	117	168	0	5
Tohono O'odham Community College	2	—	270	198	154	163	254	207	295	260	88.1	260	2	4	†	†
Kansas																
Haskell Indian Nations University	1	918	918	889	894	997	1,059	958	826	826	100.0	826	91	95	60	64
Michigan																
Bay Mills Community College	2	360	406	550	427	501	608	607	575	335	58.3	335	11	17	†	†
Keweenaw Bay Ojibwa Community College	2	—	—	—	—	—	—	—	80	62	77.5	62	—	0	†	†
Saginaw Chippewa Tribal College	2	—	123	125	127	133	134	153	133	112	84.2	112	16	11	†	†
Minnesota																
Fond du Lac Tribal and Community College	2	999	1,981	2,181	2,197	2,206	2,305	2,339	2,319	254	11.0	254	31	26	†	†
White Earth Tribal and Community College	4	—	61	106	99	106	113	121	88	83	94.3	83	8	1	†	†
Montana																
Blackfeet Community College	4	299	485	467	471	492	533	473	464	448	96.6	448	54	47	†	†
Chief Dull Knife College	2	461	554	359	437	443	472	433	374	339	90.6	339	17	27	†	†
Fort Belknap College	2	295	175	161	244	168	236	214	169	156	92.3	156	18	21	†	†
Fort Peck Community College	2	400	408	441	422	436	427	452	513	438	85.4	438	23	30	†	†
Little Big Horn College	2	320	259	312	272	337	415	410	366	348	95.1	348	54	61	†	†
Salish Kootenai College	3	1,042	1,142	1,092	1,040	993	1,204	1,158	1,112	821	73.8	821	38	41	26	29
Stone Child College	2	38	344	397	305	236	303	332	410	330	80.5	330	13	24	†	†
Nebraska																
Little Priest Tribal College	4	141	109	95	120	116	141	148	172	164	95.3	164	8	16	†	†
Nebraska Indian Community College	2	170	107	115	89	92	129	177	163	157	96.3	157	5	9	†	†
New Mexico																
Institute of American Indian and Alaska Native Culture	1	139	113	192	231	249	350	325	374	336	89.8	336	3	4	19	16
Navajo Technical College	1	841	333	392	367	571	751	1,019	1,173	1,173	100.0	1,173	45	35	†	0
Southwestern Indian Polytechnic Institute	2	304	614	561	600	470	635	531	480	480	100.0	480	71	65	†	†
North Dakota																
Candesa Cikana Community College	2	9	198	233	223	201	250	220	219	201	91.8	201	24	45	†	†
Fort Berthold Community College	1	50	241	196	201	162	323	215	199	163	81.9	163	20	15	†	0
Sitting Bull College	1	22	287	286	290	296	335	314	313	293	93.6	293	27	28	10	12
Turtle Mountain Community College	3	686	615	788	928	951	1,058	969	588	566	96.3	566	98	85	8	6
United Tribes Technical College	3	204	885	606	604	375	476	600	651	563	86.5	563	68	54	†	0
South Dakota																
Oglala Lakota College <sup>2</sup>	1	1,174	1,302	1,485	1,456	1,531	1,804	1,830	1,685	1,587	94.2	1,532	92	148	41	39
Sinte Gleska University <sup>2</sup>	3	900	1,123	969	971	1,012	936	2,473	835	659	78.9	617	2	46	11	21
Sisseton-Wahpeton College	2	250	290	279	245	227	237	261	264	209	79.2	209	10	17	†	†
Washington																
Northwest Indian College	1	524	495	623	584	554	609	626	701	631	90.0	631	86	64	2	3
Wisconsin																
College of the Menominee Nation	3	371	532	513	505	512	634	615	699	487	69.7	487	33	48	0	5
Lac Courte Oreilles Ojibwa Community College	2	489	505	574	576	478	561	489	433	335	77.4	335	43	32	†	†

—Not available.

†Not applicable.

<sup>1</sup>1 = public, 4-year; 2 = public, 2-year; 3 = private nonprofit, 4-year; and 4 = private nonprofit, 2-year.

<sup>2</sup>“Total American Indian/Alaska Native” enrollment (column 11) includes graduate students and therefore does not equal “Undergraduate American Indian/Alaska Native” enrollment (column 13).

NOTE: This table only includes institutions that were in operation during the 2011–12 academic year. They are all members of the American Indian Higher Education Consortium and,

with few exceptions, are tribally controlled and located on reservations. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals include persons of other racial/ethnic groups not separately identified.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2012, Enrollment component; and Fall 2010 and Fall 2011, Completions component. (This table was prepared December 2012.)

**Table 281. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2010, 2011, and 2010–11**

Institution	State	Level and control <sup>1</sup>	Total enrollment, fall 2010	Enrollment, fall 2011		Full-time-equivalent enrollment, fall 2011	Degrees conferred, 2010–11				Total expenditures, 2010–11 (in thousands)
				Total	Black enrollment		Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total</b> .....	<b>†</b>	<b>†</b>	<b>326,614</b>	<b>323,616</b>	<b>263,414</b>	<b>280,951</b>	<b>3,889</b>	<b>32,638</b>	<b>7,442</b>	<b>2,200</b>	<b>\$7,676,230</b>
Alabama A&M University <sup>3</sup> .....	AL	1	5,814	4,922	4,586	4,496	†	619	240	9	140,942
Alabama State University.....	AL	1	5,705	5,425	5,189	4,914	†	568	215	51	147,033
Bishop State Community College.....	AL	2	3,725	3,982	2,414	2,632	239	†	†	†	36,871
Concordia College, Alabama.....	AL	3	652	719	699	665	21	41	†	†	10,724
Gadsden State Community College.....	AL	2	7,031	6,731	1,460	4,868	609	†	†	†	59,416
H. Council Trenholm State Technical College.....	AL	2	1,758	1,721	1,076	1,229	219	†	†	†	24,849
J. F. Drake Technical College.....	AL	2	1,557	1,223	763	816	75	†	†	†	13,513
Lawson State Community College, Birmingham Campus.....	AL	2	4,863	4,205	3,513	3,125	244	†	†	†	47,181
Miles College.....	AL	3	1,668	1,634	1,582	1,567	†	197	†	†	24,259
Oakwood College.....	AL	3	1,915	2,006	1,787	1,908	2	260	14	†	42,335
Selma University.....	AL	3	472	547	542	467	3	13	2	†	2,675
Shelton State Community College, C. A. Fredd campus.....	AL	2	6,075	5,307	1,993	3,741	352	†	†	†	47,987
Stillman College.....	AL	3	1,056	1,072	1,010	1,046	†	103	†	†	21,353
Talladega College.....	AL	3	706	712	630	673	†	134	†	†	14,474
Tuskegee University <sup>3</sup> .....	AL	3	2,946	3,152	2,969	3,095	†	395	99	64	127,613
Arkansas Baptist College.....	AR	3	1,119	1,193	1,137	1,051	13	62	†	†	14,287
Philander Smith College.....	AR	3	696	732	678	700	†	98	†	†	15,547
University of Arkansas at Pine Bluff <sup>3</sup> .....	AR	1	3,428	3,188	2,975	2,978	0	359	21	0	72,501
Delaware State University <sup>3</sup> .....	DE	1	3,757	4,154	3,093	3,928	†	497	112	5	106,204
Howard University.....	DC	3	10,379	10,583	9,711	9,967	†	1,023	355	501	824,337
University of the District of Columbia <sup>3</sup> .....	DC	1	5,521	4,921	3,766	3,386	157	366	40	†	152,640
Bethune-Cookman University.....	FL	3	3,577	3,578	3,287	3,449	†	561	12	†	64,908
Edward Waters College.....	FL	3	769	751	715	744	†	83	†	†	21,630
Florida A&M University <sup>3</sup> .....	FL	1	13,284	13,204	12,077	12,429	67	1,296	294	332	294,865
Florida Memorial University.....	FL	3	1,891	1,735	1,509	1,638	†	221	43	†	40,822
Albany State University.....	GA	1	4,653	4,663	4,289	4,164	†	567	138	†	77,651
Clark Atlanta University.....	GA	3	3,941	3,843	3,751	3,541	†	547	173	30	89,442
Fort Valley State University <sup>3</sup> .....	GA	1	3,728	3,896	3,651	3,607	†	251	42	†	81,121
Interdenominational Theological Center.....	GA	3	411	425	410	296	†	†	92	8	7,731
Morehouse College.....	GA	3	2,586	2,438	2,359	2,348	†	440	†	†	95,585
Morehouse School of Medicine.....	GA	3	329	344	301	336	†	†	34	52	135,330
Paine College.....	GA	3	925	891	845	845	†	98	†	†	21,488
Savannah State University.....	GA	1	4,080	4,552	4,151	4,139	0	369	42	†	77,917
Spelman College.....	GA	3	2,177	2,170	2,089	2,117	†	426	†	†	88,714
Kentucky State University <sup>3</sup> .....	KY	1	2,851	2,746	1,832	2,352	58	226	44	†	69,635
Dillard University.....	LA	3	1,187	1,249	1,208	1,207	†	304	†	†	47,959
Grambling State University.....	LA	1	4,994	5,207	4,587	4,815	35	695	173	2	104,467
Southern University and A&M College <sup>3</sup> .....	LA	1	6,897	6,866	6,474	6,130	†	826	294	23	154,087
Southern University at New Orleans.....	LA	1	3,165	3,245	3,113	2,424	24	274	157	†	47,831
Southern University at Shreveport.....	LA	2	2,834	2,831	2,376	2,145	274	†	†	†	32,804
Xavier University of Louisiana.....	LA	3	3,391	3,399	2,541	3,267	†	301	58	122	101,666
Bowie State University.....	MD	1	5,578	5,608	5,031	4,660	†	683	230	8	80,771
Coppin State College.....	MD	1	3,800	3,813	3,408	3,028	†	379	80	†	82,652
Morgan State University.....	MD	1	7,805	8,018	6,803	7,200	†	813	206	32	180,043
University of Maryland, Eastern Shore <sup>3</sup> .....	MD	1	4,540	4,509	3,303	4,135	†	506	79	46	100,921
Alcorn State University <sup>3</sup> .....	MS	1	3,682	4,018	3,717	3,482	31	369	195	†	80,181
Coahoma Community College.....	MS	2	2,741	2,999	2,930	2,724	219	†	†	†	34,301
Hinds Community College, Utica Campus.....	MS	2	927	1,006	971	881	57	†	†	†	—
Jackson State University.....	MS	1	8,687	8,903	8,117	7,512	†	1,033	378	52	181,466
Mississippi Valley State University.....	MS	1	2,636	2,452	2,338	2,079	†	305	102	†	64,376
Rust College.....	MS	3	960	922	864	854	16	121	†	†	15,951
Tougaloo College.....	MS	3	918	945	920	926	5	158	†	†	25,211

See notes at end of table.

**Table 281. Fall enrollment, degrees conferred, and expenditures in degree-granting historically Black colleges and universities, by institution: 2010, 2011, and 2010–11—Continued**

Institution	State	Level and control <sup>1</sup>	Total enrollment, fall 2010	Enrollment, fall 2011		Full-time-equivalent enrollment, fall 2011	Degrees conferred, 2010–11				Total expenditures, 2010–11 (in thousands)
				Total	Black enrollment		Associate's	Bachelor's	Master's	Doctor's <sup>2</sup>	
1	2	3	4	5	6	7	8	9	10	11	12
Harris-Stowe State University .....	MO	1	1,716	1,590	1,356	1,335	†	141	†	†	28,164
Lincoln University <sup>3</sup> .....	MO	1	3,349	3,388	1,393	2,727	85	317	43	†	55,436
Bennett College for Women .....	NC	3	780	736	689	697	†	109	†	†	20,082
Elizabeth City State University .....	NC	1	3,307	2,930	2,392	2,701	†	486	24	†	85,203
Fayetteville State University .....	NC	1	5,781	5,930	4,273	4,940	†	902	117	6	110,554
Johnson C. Smith University .....	NC	3	1,331	1,543	1,412	1,514	†	258	†	†	41,135
Livingstone College .....	NC	3	1,156	1,140	1,116	1,136	†	108	†	†	25,182
North Carolina A&T State University <sup>3</sup> .....	NC	1	10,795	10,881	9,470	9,798	†	1,306	351	20	290,565
North Carolina Central University .....	NC	1	8,645	8,359	6,818	7,218	†	901	489	178	204,867
Saint Augustine's College .....	NC	3	1,508	1,506	1,467	1,482	†	249	†	†	35,898
Shaw University .....	NC	3	2,722	2,405	2,310	2,250	9	395	27	†	51,876
Winston-Salem State University .....	NC	1	6,333	6,163	4,808	5,661	†	1,246	146	0	146,878
Central State University .....	OH	1	2,288	2,503	2,425	2,353	†	228	2	†	60,369
Wilberforce University .....	OH	3	689	608	578	597	†	102	1	†	14,564
Langston University <sup>3</sup> .....	OK	1	2,794	2,840	2,305	2,430	17	290	73	14	62,530
Cheyney University of Pennsylvania .....	PA	1	1,586	1,200	1,158	1,155	†	147	33	†	47,483
Lincoln University of Pennsylvania .....	PA	1	2,361	2,240	2,121	2,115	†	290	189	†	61,690
Allen University .....	SC	3	848	644	640	641	†	80	†	†	23,204
Benedict College .....	SC	3	3,137	3,213	3,183	3,174	†	339	†	†	61,614
Clafflin College .....	SC	3	1,920	1,961	1,825	1,887	†	319	40	†	44,827
Clinton Junior College .....	SC	4	143	176	176	175	23	†	†	†	2,684
Denmark Technical College .....	SC	2	1,033	1,607	1,537	1,422	66	†	†	†	15,204
Morris College .....	SC	3	1,048	979	965	966	†	130	†	†	19,296
South Carolina State University <sup>3</sup> .....	SC	1	4,362	4,326	4,089	3,965	†	548	116	17	124,780
Voorhees College .....	SC	3	752	642	615	636	†	108	†	†	18,366
Fisk University .....	TN	3	580	533	456	510	†	103	12	†	25,310
Lane College .....	TN	3	2,222	2,002	1,999	1,989	†	307	†	†	31,555
Le Moyne-Owen College .....	TN	3	987	1,091	1,088	1,026	†	90	†	†	15,527
Meharry Medical College .....	TN	3	781	772	670	772	†	†	21	163	134,498
Tennessee State University <sup>3</sup> .....	TN	1	8,930	9,165	6,578	7,415	115	966	365	67	173,461
Huston-Tillotson University .....	TX	3	901	904	636	820	†	120	†	†	17,517
Jarvis Christian College .....	TX	3	522	511	478	492	†	65	†	†	13,643
Paul Quinn College .....	TX	3	226	201	187	183	†	26	†	†	7,712
Prairie View A&M University <sup>3</sup> .....	TX	1	8,781	8,425	7,252	7,462	†	899	532	15	180,525
Saint Philip's College .....	TX	2	10,828	10,710	1,345	5,078	561	†	†	†	87,003
Southwestern Christian College .....	TX	3	224	216	195	212	26	5	†	†	6,234
Texas College .....	TX	3	927	878	757	851	9	91	†	†	12,381
Texas Southern University .....	TX	1	9,557	9,730	8,097	8,296	†	750	194	295	217,452
Wiley College .....	TX	3	1,351	1,356	1,251	1,279	0	205	†	†	20,496
Hampton University .....	VA	3	5,254	5,221	4,526	4,819	0	832	156	67	140,183
Norfolk State University .....	VA	1	6,964	7,091	6,324	6,111	79	728	219	2	134,429
Saint Paul's College .....	VA	3	566	410	403	405	†	129	†	†	20,748
Virginia State University <sup>3</sup> .....	VA	1	5,634	5,890	5,527	5,505	11	712	148	6	132,491
Virginia Union University .....	VA	3	1,667	1,678	1,641	1,646	†	154	118	7	32,117
Virginia University of Lynchburg .....	VA	3	555	597	593	400	11	20	16	6	1,916
Bluefield State College .....	WV	1	2,063	1,929	204	1,691	82	242	†	†	25,083
West Virginia State University .....	WV	1	3,190	2,827	455	2,337	†	379	12	†	57,829
University of the Virgin Islands <sup>3</sup> .....	VI	1	2,733	2,614	2,091	1,951	75	229	34	†	87,400

—Not available.

†Not applicable.

<sup>1</sup>1 = public, 4-year; 2 = public, 2-year; 3 = private nonprofit, 4-year; and 4 = private nonprofit, 2-year.

<sup>2</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>3</sup>Land-grant institution.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Excludes historically Black colleges and universities

that are not participating in Title IV programs. Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Totals include persons of other racial/ethnic groups not separately identified. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component; Spring 2011 and Spring 2012, Enrollment component; and Spring 2012, Finance component. (This table was prepared January 2013.)

**Table 282. Selected statistics on degree-granting historically Black colleges and universities, by control and level of institution: Selected years, 1990 through 2011**

Selected statistics	Total	Public			Private		
		Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8
<b>Number of institutions, fall 2011 .....</b>	<b>100</b>	<b>51</b>	<b>40</b>	<b>11</b>	<b>49</b>	<b>48</b>	<b>1</b>
<b>Fall enrollment</b>							
Total enrollment, fall 1990 .....	257,152	187,046	171,969	15,077	70,106	68,528	1,578
Males .....	105,157	76,541	70,220	6,321	28,616	28,054	562
Males, Black .....	82,897	57,255	54,041	3,214	25,642	25,198	444
Females .....	151,995	110,505	101,749	8,756	41,490	40,474	1,016
Females, Black .....	125,785	86,949	80,883	6,066	38,836	38,115	721
Total enrollment, fall 2000 .....	275,680	199,725	175,404	24,321	75,955	75,306	649
Males .....	108,164	78,186	68,322	9,864	29,978	29,771	207
Males, Black .....	87,319	60,029	56,017	4,012	27,290	27,085	205
Females .....	167,516	121,539	107,082	14,457	45,977	45,535	442
Females, Black .....	139,920	96,677	89,260	7,417	43,243	42,810	433
Total enrollment, fall 2010 .....	326,614	249,146	205,774	43,372	77,468	77,325	143
Males .....	127,437	95,883	78,528	17,355	31,554	31,482	72
Males, Black .....	101,644	72,668	65,552	7,116	28,976	28,904	72
Females .....	199,177	153,263	127,246	26,017	45,914	45,843	71
Females, Black .....	164,267	121,175	107,686	13,489	43,092	43,021	71
Total enrollment, fall 2011 .....	323,616	246,653	204,331	42,322	76,963	76,787	176
Males .....	126,145	94,879	78,238	16,641	31,266	31,166	100
Males, Black .....	100,516	71,888	64,932	6,956	28,628	28,528	100
Females .....	197,471	151,774	126,093	25,681	45,697	45,621	76
Females, Black .....	162,898	120,126	106,704	13,422	42,772	42,696	76
Full-time enrollment, fall 2011 .....	255,584	184,680	162,920	21,760	70,904	70,730	174
Males .....	102,034	73,222	64,524	8,698	28,812	28,712	100
Females .....	153,695	111,458	98,396	13,062	42,237	42,018	74
Part-time enrollment, fall 2011 .....	68,032	61,973	41,411	20,562	6,059	6,057	2
Males .....	24,111	21,657	13,714	7,943	2,454	2,454	0
Females .....	43,921	40,316	27,697	12,619	3,605	3,603	2
<b>Earned degrees conferred, 2010–11</b>							
Associate's .....	3,889	3,751	836	2,915	138	115	23
Males .....	1,223	1,162	156	1,006	61	51	10
Males, Black .....	473	422	78	344	51	41	10
Females .....	2,666	2,589	680	1,909	77	64	13
Females, Black .....	1,422	1,350	362	988	72	59	13
Bachelor's .....	32,638	22,708	22,708	†	9,930	9,930	†
Males .....	11,431	7,863	7,863	†	3,568	3,568	†
Males, Black .....	9,616	6,384	6,384	†	3,232	3,232	†
Females .....	21,207	14,845	14,845	†	6,362	6,362	†
Females, Black .....	18,073	12,185	12,185	†	5,888	5,888	†
Master's .....	7,442	6,169	6,169	†	1,273	1,273	†
Males .....	2,305	1,797	1,797	†	508	508	†
Males, Black .....	1,556	1,151	1,151	†	405	405	†
Females .....	5,137	4,372	4,372	†	765	765	†
Females, Black .....	3,886	3,223	3,223	†	663	663	†
Doctor's <sup>1</sup> .....	2,200	1,180	1,180	†	1,020	1,020	†
Males .....	867	470	470	†	397	397	†
Males, Black .....	503	228	228	†	275	275	†
Females .....	1,333	710	710	†	623	623	†
Females, Black .....	867	404	404	†	463	463	†
<b>Financial statistics, 2010–11<sup>2</sup></b>	In thousands of current dollars						
Total revenue .....	\$8,450,239	\$5,369,161	\$4,941,255	\$427,906	\$3,081,078	\$3,077,148	\$3,930
Student tuition and fees .....	1,696,685	856,771	813,441	43,331	839,914	839,318	596
Federal government <sup>3</sup> .....	2,339,944	1,494,288	1,286,257	208,031	845,656	843,454	2,202
State governments .....	2,060,861	1,979,060	1,848,800	130,261	81,800	81,800	0
Local governments .....	113,832	97,611	67,038	30,572	16,221	16,221	0
Private gifts and grants <sup>4</sup> .....	297,908	95,358	94,118	1,240	202,551	201,866	685
Investment return (gain or loss) .....	400,400	53,612	52,994	618	346,788	346,786	2
Auxiliary (essentially self-supporting) enterprises .....	813,335	489,277	482,712	6,565	324,058	323,612	445
Hospitals and other sources .....	727,275	303,184	295,895	7,289	424,091	424,091	0
Total expenditures .....	7,676,230	4,983,624	4,584,495	399,128	2,692,607	2,689,922	2,684
Instruction .....	2,086,380	1,366,103	1,232,689	133,414	720,277	719,794	483
Research .....	448,353	291,042	290,560	482	157,311	157,234	77
Academic support .....	559,112	384,577	358,067	26,510	174,535	174,535	0
Institutional support .....	1,218,143	615,033	564,798	50,234	603,110	602,248	862
Auxiliary (essentially self-supporting) enterprises .....	776,394	465,588	456,009	9,579	310,806	310,733	73
Other expenditures .....	2,587,848	1,861,281	1,682,372	178,908	726,567	725,378	1,189

†Not applicable.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Totals (column 2) of public and private institutions together are approximate because public and private nonprofit institutions fill out different survey forms with different accounting concepts.

<sup>3</sup>Includes independent operations.

<sup>4</sup>Includes contributions from affiliated entities.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans.

Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Federal, state, and local governments revenue includes appropriations, grants, and contracts. Totals include persons of other racial/ethnic groups not separately identified. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF-90); IPEDS Spring 2001, Spring 2011, and Spring 2012, Enrollment component; IPEDS Spring 2012, Finance component; and IPEDS Fall 2011, Completions component. (This table was prepared January 2013.)

**Table 283. Fall enrollment in degree-granting historically Black colleges and universities, by sex of student and level and control of institution: Selected years, 1976 through 2011**

Year	Total enrollment	Males	Females	4-year	2-year	Public			Private		
						Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12
All students											
1976.....	222,613	104,669	117,944	206,676	15,937	156,836	143,528	13,308	65,777	63,148	2,629
1980.....	233,557	106,387	127,170	218,009	15,548	168,217	155,085	13,132	65,340	62,924	2,416
1982.....	228,371	104,897	123,474	212,017	16,354	165,871	151,472	14,399	62,500	60,545	1,955
1984.....	227,519	102,823	124,696	212,844	14,675	164,116	151,289	12,827	63,403	61,555	1,848
1985.....	225,801	100,698	125,103	210,648	15,153	163,677	150,002	13,675	62,124	60,646	1,478
1986.....	223,275	97,523	125,752	207,231	16,044	162,048	147,631	14,417	61,227	59,600	1,627
1987.....	227,994	97,085	130,909	211,654	16,340	165,486	150,560	14,926	62,500	61,094	1,414
1988.....	239,755	100,561	139,194	223,250	16,505	173,672	158,606	15,066	66,083	64,644	1,439
1989.....	249,096	102,484	146,612	232,890	16,206	181,151	166,481	14,670	67,945	66,409	1,536
1990.....	257,152	105,157	151,995	240,497	16,655	187,046	171,969	15,077	70,106	68,528	1,578
1991.....	269,335	110,442	158,893	252,093	17,242	197,847	182,204	15,643	71,488	69,889	1,599
1992.....	279,541	114,622	164,919	261,089	18,452	204,966	188,143	16,823	74,575	72,946	1,629
1993.....	282,856	116,397	166,459	262,430	20,426	208,197	189,032	19,165	74,659	73,398	1,261
1994.....	280,071	114,006	166,065	259,997	20,074	206,520	187,735	18,785	73,551	72,262	1,289
1995.....	278,725	112,637	166,088	259,409	19,316	204,726	186,278	18,448	73,999	73,131	868
1996.....	273,018	109,498	163,520	253,654	19,364	200,569	182,063	18,506	72,449	71,591	858
1997.....	269,167	106,865	162,302	248,860	20,307	194,674	175,297	19,377	74,493	73,563	930
1998.....	273,472	108,752	164,720	248,931	24,541	198,603	174,776	23,827	74,869	74,155	714
1999.....	274,321	108,301	166,020	249,156	25,165	199,826	175,364	24,462	74,495	73,792	703
2000.....	275,680	108,164	167,516	250,710	24,970	199,725	175,404	24,321	75,955	75,306	649
2001.....	289,985	112,874	177,111	260,547	29,438	210,083	181,346	28,737	79,902	79,201	701
2002.....	299,041	115,466	183,575	269,020	30,021	218,433	189,183	29,250	80,608	79,837	771
2003.....	306,727	117,795	188,932	274,326	32,401	228,096	196,077	32,019	78,631	78,249	382
2004.....	308,939	118,129	190,810	276,136	32,803	231,179	198,810	32,369	77,760	77,326	434
2005.....	311,768	120,023	191,745	272,666	39,102	235,875	197,200	38,675	75,893	75,466	427
2006.....	308,774	118,865	189,909	272,770	36,004	234,505	198,676	35,829	74,269	74,094	175
2007.....	306,515	118,640	187,875	270,915	35,600	233,807	198,300	35,507	72,708	72,615	93
2008.....	313,491	121,873	191,618	274,568	38,923	235,824	197,025	38,799	77,667	77,543	124
2009.....	322,789	125,666	197,123	280,062	42,727	246,595	204,016	42,579	76,194	76,046	148
2010.....	326,614	127,437	199,177	283,099	43,515	249,146	205,774	43,372	77,468	77,325	143
2011.....	323,616	126,145	197,471	281,118	42,498	246,653	204,331	42,322	76,963	76,787	176
Black students											
1976.....	190,305	84,492	105,813	179,848	10,457	129,770	121,851	7,919	60,535	57,997	2,538
1980.....	190,989	81,818	109,171	181,237	9,752	131,661	124,236	7,425	59,328	57,001	2,327
1982.....	182,639	78,874	103,765	171,942	10,697	126,368	117,562	8,806	56,271	54,380	1,891
1984.....	180,803	76,819	103,984	171,401	9,402	124,445	116,845	7,600	56,358	54,556	1,802
1986.....	178,628	74,276	104,352	167,971	10,657	123,555	114,502	9,053	55,073	53,469	1,604
1988.....	194,151	78,268	115,883	183,402	10,749	133,786	124,438	9,348	60,365	58,964	1,401
1990.....	208,682	82,897	125,785	198,237	10,445	144,204	134,924	9,280	64,478	63,313	1,165
1991.....	218,366	87,380	130,986	207,449	10,917	152,864	143,411	9,453	65,502	64,038	1,464
1992.....	228,963	91,949	137,014	217,614	11,349	159,585	149,754	9,831	69,378	67,860	1,518
1993.....	231,198	93,110	138,088	219,431	11,767	161,444	150,867	10,577	69,754	68,564	1,190
1994.....	230,162	91,908	138,254	218,565	11,597	161,098	150,682	10,416	69,064	67,883	1,181
1995.....	229,418	91,132	138,286	218,379	11,039	159,925	149,661	10,264	69,493	68,718	775
1996.....	224,201	88,306	135,895	213,309	10,892	156,851	146,753	10,098	67,350	66,556	794
1997.....	222,331	86,641	135,690	210,741	11,590	153,039	142,326	10,713	69,292	68,415	877
1998.....	223,745	87,163	136,582	211,822	11,923	154,244	142,985	11,259	69,501	68,837	664
1999.....	226,592	87,987	138,605	213,779	12,813	156,292	144,166	12,126	70,300	69,613	687
2000.....	227,239	87,319	139,920	215,172	12,067	156,706	145,277	11,429	70,533	69,895	638
2001.....	238,638	90,718	147,920	224,417	14,221	164,354	150,831	13,523	74,284	73,586	698
2002.....	247,292	93,538	153,754	231,834	15,458	172,203	157,507	14,696	75,089	74,327	762
2003.....	253,257	95,703	157,554	236,753	16,504	180,104	163,977	16,127	73,153	72,776	377
2004.....	257,545	96,750	160,795	241,030	16,515	184,708	168,619	16,089	72,837	72,411	426
2005.....	256,584	96,891	159,693	238,030	18,554	186,047	167,916	18,131	70,537	70,114	423
2006.....	255,150	96,508	158,642	238,446	16,704	185,894	169,365	16,529	69,256	69,081	175
2007.....	253,415	96,313	157,102	236,885	16,530	185,344	168,906	16,438	68,071	67,979	92
2008.....	258,403	98,634	159,769	240,133	18,270	186,446	168,299	18,147	71,957	71,834	123
2009.....	264,090	100,550	163,540	243,954	20,136	194,088	174,099	19,989	70,002	69,855	147
2010.....	265,911	101,644	164,267	245,163	20,748	193,843	173,238	20,605	72,068	71,925	143
2011.....	263,414	100,516	162,898	242,860	20,554	192,014	171,636	20,378	71,400	71,224	176

NOTE: Historically Black colleges and universities are degree-granting institutions established prior to 1964 with the principal mission of educating Black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is

very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities," 1976 through 1985 surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86-99); and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared January 2013.)

**Table 284. Employees in degree-granting institutions, by sex, employment status, control and level of institution, and primary occupation: Selected years, fall 1991 through fall 2011**

Sex, employment status, control and level of institution, and primary occupation	1991	1993	1995	1997	1999	2001	2003	2005	2007	2009	2011	Percent change, 2001 to 2011
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All institutions</b> .....	<b>2,545,235</b>	<b>2,602,612</b>	<b>2,662,075</b>	<b>2,752,504</b>	<b>2,883,175</b>	<b>3,083,353</b>	<b>3,187,907</b>	<b>3,379,087</b>	<b>3,561,428</b>	<b>3,723,419</b>	<b>3,840,980</b>	<b>24.6</b>
Professional staff .....	1,595,460	1,687,287	1,744,867	1,835,916	1,950,861	2,132,150	2,268,268	2,459,885	2,629,401	2,782,149	2,923,961	37.1
Executive/administrative/managerial .....	144,755	143,675	147,445	151,363	159,888	152,038	184,913	196,324	217,518	230,579	238,718	57.0
Faculty (instruction/research/public service) .....	826,252	915,474	931,706	989,813	1,027,830	1,113,183	1,173,593	1,290,426	1,371,390	1,439,144	1,523,615	36.9
Graduate assistants .....	197,751	202,819	215,909	222,724	239,738	261,136	292,061	317,141	328,979	342,393	355,916	36.3
Other professional .....	426,702	425,319	449,807	472,016	523,405	605,793	617,701	655,994	711,514	770,033	805,712	33.0
Nonprofessional staff .....	949,775	915,325	917,208	916,588	932,314	951,203	919,639	919,202	932,027	941,270	917,019	-3.6
<b>Males</b> .....	<b>1,227,591</b>	<b>1,256,037</b>	<b>1,274,676</b>	<b>1,315,311</b>	<b>1,365,812</b>	<b>1,451,773</b>	<b>1,496,867</b>	<b>1,581,498</b>	<b>1,650,350</b>	<b>1,709,636</b>	<b>1,754,713</b>	<b>20.9</b>
Professional staff .....	895,591	930,933	946,134	982,870	1,026,882	1,105,053	1,160,417	1,240,030	1,302,131	1,353,915	1,402,698	26.9
Executive/administrative/managerial .....	85,423	82,748	82,127	81,931	83,883	79,348	91,604	95,223	102,258	106,892	109,374	37.8
Faculty (instruction/research/public service) .....	525,599	561,123	562,893	587,420	602,469	644,514	663,723	714,453	743,812	761,035	789,197	22.4
Graduate assistants .....	119,125	120,384	123,962	125,873	132,607	142,120	156,881	167,529	173,121	180,941	188,468	32.6
Other professional .....	165,444	166,678	177,152	187,646	207,923	239,071	248,209	262,825	282,940	305,047	315,659	32.0
Nonprofessional staff .....	332,000	325,104	328,542	332,441	338,930	346,720	336,450	341,468	348,219	355,721	352,015	1.5
<b>Females</b> .....	<b>1,317,644</b>	<b>1,346,575</b>	<b>1,387,399</b>	<b>1,437,193</b>	<b>1,517,363</b>	<b>1,631,580</b>	<b>1,691,040</b>	<b>1,797,589</b>	<b>1,911,078</b>	<b>2,013,783</b>	<b>2,086,267</b>	<b>27.9</b>
Professional staff .....	699,869	756,354	798,733	853,046	923,979	1,027,097	1,107,851	1,219,855	1,327,270	1,428,234	1,521,263	48.1
Executive/administrative/managerial .....	59,332	60,927	65,318	69,432	76,005	72,690	93,309	101,101	115,260	123,687	129,344	77.9
Faculty (instruction/research/public service) .....	300,653	354,351	368,813	402,393	425,361	468,669	509,870	575,973	627,578	678,109	734,418	56.7
Graduate assistants .....	78,626	82,435	91,947	96,851	107,131	119,016	135,180	149,612	155,858	161,452	167,448	40.7
Other professional .....	261,258	258,641	272,655	284,370	315,482	366,722	369,492	393,169	428,574	464,986	490,053	33.6
Nonprofessional staff .....	617,775	590,221	588,666	584,147	593,384	604,483	583,189	577,734	583,808	585,549	565,004	-6.5
<b>Full-time</b> .....	<b>1,812,912</b>	<b>1,783,510</b>	<b>1,801,371</b>	<b>1,828,507</b>	<b>1,918,676</b>	<b>2,043,208</b>	<b>2,083,142</b>	<b>2,179,864</b>	<b>2,281,223</b>	<b>2,381,702</b>	<b>2,435,533</b>	<b>19.2</b>
Professional staff .....	1,031,797	1,039,094	1,066,510	1,104,834	1,180,173	1,283,684	1,337,568	1,432,107	1,526,823	1,619,517	1,693,088	31.9
Executive/administrative/managerial .....	139,116	137,834	140,990	144,529	153,722	146,523	178,691	190,078	210,257	222,282	231,602	58.1
Faculty (instruction/research/public service) .....	535,623	545,706	550,822	568,719	590,937	617,868	630,092	675,624	703,463	728,977	761,619	23.3
Other professional .....	357,058	355,554	374,698	391,586	435,514	519,293	528,785	566,405	613,103	668,258	699,867	34.8
Nonprofessional staff .....	781,115	744,416	734,861	723,673	738,503	759,524	745,574	747,757	754,400	762,185	742,445	-2.2
<b>Part-time</b> .....	<b>732,323</b>	<b>819,102</b>	<b>860,704</b>	<b>923,997</b>	<b>964,499</b>	<b>1,040,145</b>	<b>1,104,765</b>	<b>1,199,223</b>	<b>1,280,205</b>	<b>1,341,717</b>	<b>1,405,447</b>	<b>35.1</b>
Professional staff .....	563,663	648,193	678,357	731,082	770,688	848,466	930,700	1,027,778	1,102,578	1,162,632	1,230,873	45.1
Executive/administrative/managerial .....	5,639	5,841	6,455	6,834	6,166	5,515	6,222	6,246	7,261	8,297	7,116	29.0
Faculty (instruction/research/public service) .....	290,629	369,768	380,884	421,094	436,893	495,315	543,501	614,802	667,927	710,167	761,996	53.8
Graduate assistants .....	197,751	202,819	215,909	222,724	239,738	261,136	292,061	317,141	328,979	342,393	355,916	36.3
Other professional .....	69,644	69,765	75,109	80,430	87,891	86,500	88,916	89,589	98,411	101,775	105,845	22.4
Nonprofessional staff .....	168,660	170,909	182,347	192,915	193,811	191,679	174,065	171,445	177,627	179,085	174,574	-8.9
<b>Public 4-year</b> .....	<b>1,341,914</b>	<b>1,333,533</b>	<b>1,383,476</b>	<b>1,418,661</b>	<b>1,470,842</b>	<b>1,558,576</b>	<b>1,569,870</b>	<b>1,656,709</b>	<b>1,741,699</b>	<b>1,803,724</b>	<b>1,843,204</b>	<b>18.3</b>
Professional staff .....	826,633	855,913	893,345	932,972	987,622	1,069,161	1,115,312	1,200,168	1,278,894	1,336,958	1,390,625	30.1
Executive/administrative/managerial .....	63,674	59,678	60,590	61,984	64,336	60,245	70,397	74,241	81,364	84,355	84,911	40.9
Faculty (instruction/research/public service) .....	358,376	374,021	384,399	404,109	417,086	438,459	450,123	486,691	518,221	539,901	575,534	31.3
Graduate assistants .....	144,344	170,916	178,342	182,481	196,393	218,260	239,600	257,578	266,429	275,872	285,905	31.0
Other professional .....	260,239	251,298	270,014	284,398	309,807	352,197	355,192	381,658	412,880	436,830	444,275	26.1
Nonprofessional staff .....	515,281	477,620	490,131	485,689	483,220	489,415	454,558	456,541	462,805	466,766	452,579	-7.5
<b>Private 4-year</b> .....	<b>734,509</b>	<b>762,034</b>	<b>770,004</b>	<b>786,634</b>	<b>857,820</b>	<b>912,924</b>	<b>988,895</b>	<b>1,073,764</b>	<b>1,157,226</b>	<b>1,229,784</b>	<b>1,297,486</b>	<b>42.1</b>
Professional staff .....	442,524	473,372	495,383	517,485	569,579	627,364	701,244	789,179	867,234	934,298	1,008,814	60.8
Executive/administrative/managerial .....	57,148	59,230	62,314	62,580	69,626	65,739	84,306	90,415	103,183	111,616	118,268	79.9
Faculty (instruction/research/public service) .....	232,893	251,948	262,660	278,541	296,737	325,713	364,166	430,305	472,628	498,582	540,093	65.8
Graduate assistants .....	23,989	28,880	33,853	36,064	38,597	41,611	52,101	59,147	62,550	66,521	70,011	68.3
Other professional .....	128,494	133,314	136,556	140,300	164,619	194,301	200,671	209,312	228,873	257,579	280,442	44.3
Nonprofessional staff .....	291,985	288,662	274,621	269,149	288,241	285,560	287,651	284,585	289,992	295,486	288,672	1.1
<b>Public 2-year</b> .....	<b>441,414</b>	<b>478,980</b>	<b>482,454</b>	<b>512,086</b>	<b>517,967</b>	<b>578,394</b>	<b>593,466</b>	<b>610,978</b>	<b>620,784</b>	<b>638,352</b>	<b>641,616</b>	<b>10.9</b>
Professional staff .....	306,631	337,371	336,661	358,367	364,703	408,792	422,756	440,536	449,372	467,760	474,644	16.1
Executive/administrative/managerial .....	20,772	21,531	21,806	22,822	21,459	22,566	25,872	26,770	27,363	27,827	27,562	22.1
Faculty (instruction/research/public service) .....	222,532	276,413	272,434	290,451	296,239	332,665	341,643	354,497	358,925	373,778	377,696	13.5
Graduate assistants .....	29,216	2,762	3,401	3,561	4,170	1,215	323	374	0	0	0	-100.0
Other professional .....	34,111	36,665	39,020	41,533	42,835	52,346	54,918	58,895	63,084	66,155	69,386	32.6
Nonprofessional staff .....	134,783	141,609	145,793	153,719	153,264	169,602	170,710	170,442	171,412	170,592	166,972	-1.6
<b>Private 2-year</b> .....	<b>27,398</b>	<b>28,065</b>	<b>26,141</b>	<b>35,123</b>	<b>36,546</b>	<b>33,459</b>	<b>35,676</b>	<b>37,636</b>	<b>41,719</b>	<b>51,559</b>	<b>58,674</b>	<b>75.4</b>
Professional staff .....	19,672	20,631	19,478	27,092	28,957	26,833	28,956	30,002	33,901	43,133	49,878	85.9
Executive/administrative/managerial .....	3,161	3,236	2,735	3,977	4,467	3,488	4,338	4,898	5,608	6,781	7,977	128.7
Faculty (instruction/research/public service) .....	12,451	13,092	12,213	16,712	17,768	16,346	17,661	18,933	21,616	26,883	30,292	85.3
Graduate assistants .....	202	261	313	618	578	50	37	42	0	0	0	-100.0
Other professional .....	3,858	4,042	4,217	5,785	6,144	6,949	6,920	6,129	6,677	9,469	11,609	67.1
Nonprofessional staff .....	7,726	7,434	6,663	8,031	7,589	6,626	6,720	7,634	7,818	8,426	8,796	32.7

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Beginning in

2007, includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. By definition, all graduate assistants are part time.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S-91-99); and IPEDS Winter 2001-02 through Winter 2011-12, Human Resources component, Fall Staff section. (This table was prepared July 2012.)

**Table 285. Total and full-time-equivalent (FTE) staff and FTE student/FTE staff ratios in postsecondary institutions participating in Title IV programs, by degree-granting status, control of institution, and primary occupation: Fall 1991, fall 2001, and fall 2011**

Degree-granting status, control of institution, and primary occupation	Fall 1991				Fall 2001				Fall 2011			
	Total		Full-time-equivalent (FTE)		Total		Full-time-equivalent (FTE)		Total		Full-time-equivalent (FTE)	
	Number	Percent	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff	Number	Percent	Total	FTE students per FTE staff
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All postsecondary institutions .....</b>	<b>2,591,896</b>	<b>100.0</b>	<b>2,131,463</b>	<b>4.9</b>	<b>3,134,008</b>	<b>100.0</b>	<b>2,476,887</b>	<b>4.9</b>	<b>3,920,836</b>	<b>100.0</b>	<b>3,024,572</b>	<b>5.4</b>
Professional staff .....	1,633,066	63.0	1,273,795	8.1	2,170,237	69.2	1,628,322	7.4	2,986,568	76.2	2,196,507	7.5
Executive/administrative/managerial.....	149,630	5.8	146,460	70.7	156,088	5.0	153,008	79.1	248,982	6.4	244,773	66.9
Faculty (instruction/research/public service).....	853,687	32.9	652,252	15.9	1,138,734	36.3	800,870	15.1	1,565,504	39.9	1,046,421	15.6
Graduate assistants.....	197,813	7.6	81,495	127.1	261,261	8.3	107,999	112.1	355,916	9.1	147,617	110.9
Other professionals.....	431,936	16.7	393,589	26.3	614,154	19.6	566,446	21.4	816,166	20.8	757,696	21.6
Nonprofessional staff .....	958,830	37.0	857,668	12.1	963,771	30.8	848,565	14.3	934,268	23.8	828,065	19.8
<b>Degree-granting institutions<sup>1</sup></b>												
<b>Total .....</b>	<b>2,545,235</b>	<b>100.0</b>	<b>2,094,628</b>	<b>4.9</b>	<b>3,083,353</b>	<b>100.0</b>	<b>2,436,473</b>	<b>4.8</b>	<b>3,840,980</b>	<b>100.0</b>	<b>2,961,224</b>	<b>5.4</b>
Professional staff .....	1,595,460	62.7	1,244,588	8.3	2,132,150	69.2	1,598,710	7.4	2,923,961	76.1	2,147,560	7.4
Executive/administrative/managerial.....	144,755	5.7	141,718	73.1	152,038	4.9	149,051	78.9	238,718	6.2	234,895	67.6
Faculty (instruction/research/public service).....	826,252	32.5	632,565	16.4	1,113,183	36.1	783,036	15.0	1,523,615	39.7	1,017,020	15.6
Graduate assistants.....	197,751	7.8	81,467	127.2	261,136	8.5	107,943	109.0	355,916	9.3	147,617	107.6
Other professionals.....	426,702	16.8	388,838	26.6	605,793	19.6	558,680	21.1	805,712	21.0	748,028	21.2
Nonprofessional staff .....	949,775	37.3	850,040	12.2	951,203	30.8	837,763	14.0	917,019	23.9	813,664	19.5
<b>Public.....</b>	<b>1,783,328</b>	<b>100.0</b>	<b>1,449,398</b>	<b>5.4</b>	<b>2,136,970</b>	<b>100.0</b>	<b>1,660,294</b>	<b>5.2</b>	<b>2,484,820</b>	<b>100.0</b>	<b>1,891,866</b>	<b>5.8</b>
Professional staff .....	1,133,264	63.5	868,112	9.1	1,477,953	69.2	1,083,384	8.0	1,865,269	75.1	1,348,674	8.1
Executive/administrative/managerial.....	84,446	4.7	82,835	94.9	82,811	3.9	80,942	106.7	112,473	4.5	110,609	99.0
Faculty (instruction/research/public service) ..	580,908	32.6	446,113	17.6	771,124	36.1	539,581	16.0	953,230	38.4	645,542	17.0
Graduate assistants.....	173,560	9.7	70,707	111.2	219,475	10.3	89,412	96.6	285,905	11.5	116,475	94.0
Other professionals.....	294,350	16.5	268,458	29.3	404,543	18.9	373,449	23.1	513,661	20.7	476,047	23.0
Nonprofessional staff .....	650,064	36.5	581,286	13.5	659,017	30.8	576,910	15.0	619,551	24.9	543,192	20.2
<b>Private nonprofit.....</b>	<b>742,924</b>	<b>100.0</b>	<b>630,445</b>	<b>3.6</b>	<b>880,586</b>	<b>100.0</b>	<b>728,910</b>	<b>3.6</b>	<b>1,118,046</b>	<b>100.0</b>	<b>908,455</b>	<b>3.7</b>
Professional staff .....	447,795	60.3	365,487	6.3	598,857	68.0	477,076	5.6	843,740	75.5	658,560	5.0
Executive/administrative/managerial.....	58,023	7.8	56,634	40.5	63,749	7.2	62,671	42.3	104,010	9.3	102,228	32.5
Faculty (instruction/research/public service) ..	236,066	31.8	180,348	12.7	306,487	34.8	223,400	11.9	432,733	38.7	306,604	10.8
Graduate assistants.....	24,054	3.2	10,700	214.6	39,954	4.5	17,772	149.3	69,376	6.2	30,859	107.6
Other professionals.....	129,652	17.5	117,805	19.5	188,667	21.4	173,233	15.3	237,621	21.3	218,868	15.2
Nonprofessional staff .....	295,129	39.7	264,958	8.7	281,729	32.0	251,834	10.5	274,306	24.5	249,895	13.3
<b>Private for-profit .....</b>	<b>18,983</b>	<b>100.0</b>	<b>14,786</b>	<b>13.6</b>	<b>65,797</b>	<b>100.0</b>	<b>47,270</b>	<b>10.0</b>	<b>238,114</b>	<b>100.0</b>	<b>160,903</b>	<b>10.0</b>
Professional staff .....	14,401	75.9	10,989	18.4	55,340	84.1	38,251	12.4	214,952	90.3	140,326	11.5
Executive/administrative/managerial.....	2,286	12.0	2,249	89.7	5,478	8.3	5,438	87.0	22,235	9.3	22,057	73.3
Faculty (instruction/research/public service) ..	9,278	48.9	6,104	33.1	35,572	54.1	20,055	23.6	137,652	57.8	64,873	24.9
Graduate assistants.....	137	0.7	61	3,310.7	1,707	2.6	759	622.8	635	0.3	282	5,721.9
Other professionals.....	2,700	14.2	2,575	78.4	12,583	19.1	11,998	39.4	54,430	22.9	53,113	30.4
Nonprofessional staff .....	4,582	24.1	3,797	53.1	10,457	15.9	9,019	52.4	23,162	9.7	20,577	78.5
<b>Non-degree-granting institutions<sup>2</sup></b>												
<b>Total .....</b>	<b>46,661</b>	<b>100.0</b>	<b>36,834</b>	<b>8.2</b>	<b>50,655</b>	<b>100.0</b>	<b>40,414</b>	<b>8.3</b>	<b>79,856</b>	<b>100.0</b>	<b>63,348</b>	<b>7.6</b>
Professional staff .....	37,606	80.6	29,207	10.4	38,087	75.2	29,611	11.4	62,607	78.4	48,947	9.8
Executive/administrative/managerial.....	4,875	10.4	4,742	63.8	4,050	8.0	3,957	85.2	10,264	12.9	9,878	48.8
Faculty (instruction/research/public service).....	27,435	58.8	19,687	15.4	25,551	50.4	17,834	18.9	41,889	52.5	29,401	16.4
Graduate assistants.....	62	0.1	28	10,964.2	125	0.2	55	6,098.1	0	0.0	0	†
Other professionals.....	5,234	11.2	4,750	63.7	8,361	16.5	7,765	43.4	10,454	13.1	9,668	49.9
Nonprofessional staff .....	9,055	19.4	7,627	39.6	12,568	24.8	10,802	31.2	17,249	21.6	14,400	33.5

†Not applicable.

<sup>1</sup>Data for 1991 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

<sup>2</sup>Data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were participating in Title IV federal financial aid programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

NOTE: Full-time-equivalent staff is the full-time staff, plus the full-time equivalent of the part-time staff. Beginning in 2011, includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. By definition, all graduate assistants are part time. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:91) "Fall Staff Survey" (IPEDS-S:91); IPEDS Spring 2001 and 2012, Enrollment component; and IPEDS Winter 2001-02 and 2011-12, Human Resources component, Fall Staff section. (This table was prepared January 2013.)



**Table 286. Employees in degree-granting institutions, by employment status, sex, control and level of institution, and primary occupation:**  
Fall 2011

Control and level of institution and primary occupation	Full-time and part-time					Full-time				Part-time		
	Total		Males	Females		Total		Males	Females	Total	Males	Females
	Number	Percentage distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All institutions.....</b>	<b>3,840,980</b>	<b>100.0</b>	<b>1,754,713</b>	<b>2,086,267</b>	<b>54.3</b>	<b>2,435,533</b>	<b>63.4</b>	<b>1,098,940</b>	<b>1,336,593</b>	<b>1,405,447</b>	<b>655,773</b>	<b>749,674</b>
Professional staff .....	2,923,961	76.1	1,402,698	1,521,263	52.0	1,693,088	57.9	811,575	881,513	1,230,873	591,123	639,750
Executive/administrative/managerial .....	238,718	6.2	109,374	129,344	54.2	231,602	97.0	106,655	124,947	7,116	2,719	4,397
Faculty (instruction/research/public service).....	1,523,615	39.7	789,197	734,418	48.2	761,619	50.0	426,982	334,637	761,996	362,215	399,781
Graduate assistants.....	355,916	9.3	188,468	167,448	47.0	†	†	†	†	355,916	188,468	167,448
Other professional .....	805,712	21.0	315,659	490,053	60.8	699,867	86.9	277,938	421,929	105,845	37,721	68,124
Nonprofessional staff.....	917,019	23.9	352,015	565,004	61.6	742,445	81.0	287,365	455,080	174,574	64,650	109,924
Technical and paraprofessionals .....	196,651	5.1	81,492	115,159	58.6	156,484	79.6	65,811	90,673	40,167	15,681	24,486
Clerical and secretarial.....	426,174	11.1	65,047	361,127	84.7	333,195	78.2	40,647	292,548	92,979	24,400	68,579
Skilled crafts.....	60,664	1.6	57,030	3,634	6.0	58,143	95.8	55,238	2,905	2,521	1,792	729
Service and maintenance.....	233,530	6.1	148,446	85,084	36.4	194,623	83.3	125,669	68,954	38,907	22,777	16,130
<b>Public 4-year .....</b>	<b>1,843,204</b>	<b>100.0</b>	<b>865,368</b>	<b>977,836</b>	<b>53.1</b>	<b>1,237,611</b>	<b>67.1</b>	<b>576,822</b>	<b>660,789</b>	<b>605,593</b>	<b>288,546</b>	<b>317,047</b>
Professional staff .....	1,390,625	75.4	685,308	705,317	50.7	855,208	61.5	422,781	432,427	535,417	262,527	272,890
Executive/administrative/managerial .....	84,911	4.6	41,416	43,495	51.2	82,238	96.9	40,279	41,959	2,673	1,137	1,536
Faculty (instruction/research/public service).....	575,534	31.2	316,533	259,001	45.0	382,151	66.4	223,503	158,648	193,383	93,030	100,353
Graduate assistants.....	285,905	15.5	151,064	134,841	47.2	†	†	†	†	285,905	151,064	134,841
Other professional .....	444,275	24.1	176,295	267,980	60.3	390,819	88.0	158,999	231,820	53,456	17,296	36,160
Nonprofessional staff.....	452,579	24.6	180,060	272,519	60.2	382,403	84.5	154,041	228,362	70,176	26,019	44,157
Technical and paraprofessionals .....	102,992	5.6	42,594	60,398	58.6	85,804	83.3	35,959	49,845	17,188	6,635	10,553
Clerical and secretarial.....	190,112	10.3	27,411	162,701	85.6	153,828	80.9	17,267	136,561	36,284	10,144	26,140
Skilled crafts.....	40,186	2.2	38,105	2,081	5.2	39,048	97.2	37,202	1,846	1,138	903	235
Service and maintenance.....	119,289	6.5	71,950	47,339	39.7	103,723	87.0	63,613	40,110	15,566	8,337	7,229
<b>Public 2-year .....</b>	<b>641,616</b>	<b>100.0</b>	<b>272,023</b>	<b>369,593</b>	<b>57.6</b>	<b>301,099</b>	<b>46.9</b>	<b>121,164</b>	<b>179,935</b>	<b>340,517</b>	<b>150,859</b>	<b>189,658</b>
Professional staff .....	474,644	74.0	209,950	264,694	55.8	192,113	40.5	81,317	110,796	282,531	128,633	153,898
Executive/administrative/managerial .....	27,562	4.3	12,210	15,352	55.7	26,869	97.5	11,931	14,938	693	279	414
Faculty (instruction/research/public service).....	377,696	58.9	172,950	204,746	54.2	113,241	30.0	51,258	61,983	264,455	121,692	142,763
Graduate assistants.....	0	0.0	0	0	†	†	†	†	†	0	0	0
Other professional .....	69,386	10.8	24,790	44,596	64.3	52,003	74.9	18,128	33,875	17,383	6,662	10,721
Nonprofessional staff.....	166,972	26.0	62,073	104,899	62.8	108,986	65.3	39,847	69,139	57,986	22,226	35,760
Technical and paraprofessionals .....	42,106	6.6	17,179	24,927	59.2	27,498	65.3	11,237	16,261	14,608	5,942	8,666
Clerical and secretarial.....	83,245	13.0	13,945	69,300	83.2	50,524	60.7	4,730	45,794	32,721	9,215	23,506
Skilled crafts.....	5,411	0.8	4,828	583	10.8	4,689	86.7	4,380	309	722	448	274
Service and maintenance.....	36,210	5.6	26,121	10,089	27.9	26,275	72.6	19,500	6,775	9,935	6,621	3,314
<b>Private 4-year<sup>1</sup> .....</b>	<b>1,297,486</b>	<b>100.0</b>	<b>595,441</b>	<b>702,045</b>	<b>54.1</b>	<b>859,551</b>	<b>66.2</b>	<b>387,385</b>	<b>472,166</b>	<b>437,935</b>	<b>208,056</b>	<b>229,879</b>
Professional staff .....	1,008,814	77.8	488,283	520,531	51.6	615,041	61.0	295,853	319,188	393,773	192,430	201,343
Executive/administrative/managerial .....	118,268	9.1	52,636	65,632	55.5	114,715	97.0	51,411	63,304	3,553	1,225	2,328
Faculty (instruction/research/public service).....	540,093	41.6	287,390	252,703	46.8	254,005	47.0	147,043	106,962	286,088	140,347	145,741
Graduate assistants.....	70,011	5.4	37,404	32,607	46.6	†	†	†	†	70,011	37,404	32,607
Other professional .....	280,442	21.6	110,853	169,589	60.5	246,321	87.8	97,399	148,922	34,121	13,454	20,667
Nonprofessional staff.....	288,672	22.2	107,158	181,514	62.9	244,510	84.7	91,532	152,978	44,162	15,626	28,536
Technical and paraprofessionals .....	50,607	3.9	21,308	29,299	57.9	42,613	84.2	18,331	24,282	7,994	2,977	5,017
Clerical and secretarial.....	146,474	11.3	22,490	123,984	84.6	123,775	84.5	17,690	106,085	22,699	4,800	17,899
Skilled crafts.....	14,981	1.2	14,036	945	6.3	14,341	95.7	13,608	733	640	428	212
Service and maintenance.....	76,610	5.9	49,324	27,286	35.6	63,781	83.3	41,903	21,878	12,829	7,421	5,408
<b>Private nonprofit 4-year .....</b>	<b>1,110,832</b>	<b>100.0</b>	<b>513,560</b>	<b>597,272</b>	<b>53.8</b>	<b>773,297</b>	<b>69.6</b>	<b>351,396</b>	<b>421,901</b>	<b>337,535</b>	<b>162,164</b>	<b>175,371</b>
Professional staff .....	837,737	75.4	411,536	426,201	50.9	541,784	64.7	264,045	277,739	295,953	147,491	148,462
Executive/administrative/managerial .....	103,098	9.3	45,875	57,223	55.5	99,735	96.7	44,722	55,013	3,363	1,153	2,210
Faculty (instruction/research/public service).....	428,905	38.6	235,238	193,667	45.2	238,219	55.5	138,887	99,332	190,686	96,351	94,335
Graduate assistants.....	69,376	6.2	37,134	32,242	46.5	†	†	†	†	69,376	37,134	32,242
Other professional .....	236,358	21.3	93,289	143,069	60.5	203,830	86.2	80,436	123,394	32,528	12,853	19,675
Nonprofessional staff.....	273,095	24.6	102,024	171,071	62.6	231,513	84.8	87,351	144,162	41,582	14,673	26,909
Technical and paraprofessionals .....	48,986	4.4	20,418	28,568	58.3	41,522	84.8	17,672	23,850	7,464	2,746	4,718
Clerical and secretarial.....	134,307	12.1	19,600	114,707	85.4	113,113	84.2	15,138	97,975	21,194	4,462	16,732
Skilled crafts.....	14,883	1.3	13,960	923	6.2	14,263	95.8	13,545	718	620	415	205
Service and maintenance.....	74,919	6.7	48,046	26,873	35.9	62,615	83.6	40,996	21,619	12,304	7,050	5,254

See notes at end of table.

**Table 286. Employees in degree-granting institutions, by employment status, sex, control and level of institution, and primary occupation:  
Fall 2011—Continued**

Control and level of institution and primary occupation	Full-time and part-time					Full-time				Part-time		
	Total		Males	Females		Total		Males	Females	Total	Males	Females
	Number	Percentage distribution		Number	Percent of all employees	Number	Percent of all employees					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Private for-profit 4-year .....</b>	<b>186,654</b>	<b>100.0</b>	<b>81,881</b>	<b>104,773</b>	<b>56.1</b>	<b>86,254</b>	<b>46.2</b>	<b>35,989</b>	<b>50,265</b>	<b>100,400</b>	<b>45,892</b>	<b>54,508</b>
Professional staff .....	171,077	91.7	76,747	94,330	55.1	73,257	42.8	31,808	41,449	97,820	44,939	52,881
Executive/administrative/managerial .....	15,170	8.1	6,761	8,409	55.4	14,980	98.7	6,689	8,291	190	72	118
Faculty (instruction/research/public service) .....	111,188	59.6	52,152	59,036	53.1	15,786	14.2	8,156	7,630	95,402	43,996	51,406
Graduate assistants .....	635	0.3	270	365	57.5	†	†	†	†	635	270	365
Other professional .....	44,084	23.6	17,564	26,520	60.2	42,491	96.4	16,963	25,528	1,593	601	992
Nonprofessional staff .....	15,577	8.3	5,134	10,443	67.0	12,997	83.4	4,181	8,816	2,580	953	1,627
Technical and paraprofessionals .....	1,621	0.9	890	731	45.1	1,091	67.3	659	432	530	231	299
Clerical and secretarial .....	12,167	6.5	2,890	9,277	76.2	10,662	87.6	2,552	8,110	1,505	338	1,167
Skilled crafts .....	98	0.1	76	22	22.4	78	79.6	63	15	20	13	7
Service and maintenance .....	1,691	0.9	1,278	413	24.4	1,166	69.0	907	259	525	371	154
<b>Private 2-year<sup>1</sup> .....</b>	<b>58,674</b>	<b>100.0</b>	<b>21,881</b>	<b>36,793</b>	<b>62.7</b>	<b>37,272</b>	<b>63.5</b>	<b>13,569</b>	<b>23,703</b>	<b>21,402</b>	<b>8,312</b>	<b>13,090</b>
Professional staff .....	49,878	85.0	19,157	30,721	61.6	30,726	61.6	11,624	19,102	19,152	7,533	11,619
Executive/administrative/managerial .....	7,977	13.6	3,112	4,865	61.0	7,780	97.5	3,034	4,746	197	78	119
Faculty (instruction/research/public service) .....	30,292	51.6	12,324	17,968	59.3	12,222	40.3	5,178	7,044	18,070	7,146	10,924
Graduate assistants .....	0	0.0	0	0	†	†	†	†	†	0	0	0
Other professional .....	11,609	19.8	3,721	7,888	67.9	10,724	92.4	3,412	7,312	885	309	576
Nonprofessional staff .....	8,796	15.0	2,724	6,072	69.0	6,546	74.4	1,945	4,601	2,250	779	1,471
Technical and paraprofessionals .....	946	1.6	411	535	56.6	569	60.1	284	285	377	127	250
Clerical and secretarial .....	6,343	10.8	1,201	5,142	81.1	5,068	79.9	960	4,108	1,275	241	1,034
Skilled crafts .....	86	0.1	61	25	29.1	65	75.6	48	17	21	13	8
Service and maintenance .....	1,421	2.4	1,051	370	26.0	844	59.4	653	191	577	398	179
<b>Private nonprofit 2-year .....</b>	<b>7,214</b>	<b>100.0</b>	<b>2,800</b>	<b>4,414</b>	<b>61.2</b>	<b>4,417</b>	<b>61.2</b>	<b>1,644</b>	<b>2,773</b>	<b>2,797</b>	<b>1,156</b>	<b>1,641</b>
Professional staff .....	6,003	83.2	2,348	3,655	60.9	3,592	59.8	1,350	2,242	2,411	998	1,413
Executive/administrative/managerial .....	912	12.6	370	542	59.4	865	94.8	354	511	47	16	31
Faculty (instruction/research/public service) .....	3,828	53.1	1,527	2,301	60.1	1,645	43.0	618	1,027	2,183	909	1,274
Graduate assistants .....	0	0.0	0	0	†	†	†	†	†	0	0	0
Other professional .....	1,263	17.5	451	812	64.3	1,082	85.7	378	704	181	73	108
Nonprofessional staff .....	1,211	16.8	452	759	62.7	825	68.1	294	531	386	158	228
Technical and paraprofessionals .....	172	2.4	93	79	45.9	124	72.1	67	57	48	26	22
Clerical and secretarial .....	645	8.9	66	579	89.8	465	72.1	44	421	180	22	158
Skilled crafts .....	36	0.5	27	9	25.0	24	66.7	21	3	12	6	6
Service and maintenance .....	358	5.0	266	92	25.7	212	59.2	162	50	146	104	42
<b>Private for-profit 2-year .....</b>	<b>51,460</b>	<b>100.0</b>	<b>19,081</b>	<b>32,379</b>	<b>62.9</b>	<b>32,855</b>	<b>63.8</b>	<b>11,925</b>	<b>20,930</b>	<b>18,605</b>	<b>7,156</b>	<b>11,449</b>
Professional staff .....	43,875	85.3	16,809	27,066	61.7	27,134	61.8	10,274	16,860	16,741	6,535	10,206
Executive/administrative/managerial .....	7,065	13.7	2,742	4,323	61.2	6,915	97.9	2,680	4,235	150	62	88
Faculty (instruction/research/public service) .....	26,464	51.4	10,797	15,667	59.2	10,577	40.0	4,560	6,017	15,887	6,237	9,650
Graduate assistants .....	0	0.0	0	0	†	†	†	†	†	0	0	0
Other professional .....	10,346	20.1	3,270	7,076	68.4	9,642	93.2	3,034	6,608	704	236	468
Nonprofessional staff .....	7,585	14.7	2,272	5,313	70.0	5,721	75.4	1,651	4,070	1,864	621	1,243
Technical and paraprofessionals .....	774	1.5	318	456	58.9	445	57.5	217	228	329	101	228
Clerical and secretarial .....	5,698	11.1	1,135	4,563	80.1	4,603	80.8	916	3,687	1,095	219	876
Skilled crafts .....	50	0.1	34	16	32.0	41	82.0	27	14	9	7	2
Service and maintenance .....	1,063	2.1	785	278	26.2	632	59.5	491	141	431	294	137

†Not applicable.

<sup>1</sup>Includes nonprofit and for-profit private institutions.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes institutions with fewer than 15 full-time

employees; these institutions did not report staff data prior to 2007. By definition, all graduate assistants are part time. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2011–12, Human Resources component, Fall Staff section. (This table was prepared July 2012.)





**Table 289. Ratios of full-time-equivalent (FTE) students to FTE staff and FTE faculty in private degree-granting institutions, by level of institution and state or jurisdiction: Fall 2011**

State or jurisdiction	Full-time-equivalent (FTE) staff				FTE faculty				FTE faculty as a percent of FTE staff		FTE students per FTE staff		FTE students per FTE faculty	
	All private	Nonprofit 4-year	Nonprofit 2-year	For-profit	All private	Nonprofit 4-year	Nonprofit 2-year	For-profit	Nonprofit 4-year	For-profit	Nonprofit 4-year	For-profit	Nonprofit 4-year	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>1,069,358</b>	<b>903,021</b>	<b>5,434</b>	<b>160,903</b>	<b>371,478</b>	<b>304,204</b>	<b>2,400</b>	<b>64,874</b>	<b>33.7</b>	<b>40.3</b>	<b>3.6</b>	<b>10.0</b>	<b>10.8</b>	<b>24.9</b>
Alabama .....	6,601	4,565	72	1,965	2,412	1,674	30	708	36.7	36.1	5.1	13.8	13.9	38.2
Alaska .....	562	165	0	396	241	76	0	165	45.9	41.6	3.2	5.1	6.9	12.3
Arizona .....	27,144	1,686	0	25,457	10,997	551	0	10,446	32.7	41.0	4.6	15.4	14.1	37.4
Arkansas .....	3,176	2,874	40	263	1,111	970	13	128	33.8	48.6	5.3	9.4	15.6	19.3
California .....	92,893	73,729	234	18,930	32,652	24,610	93	7,949	33.4	42.0	3.4	9.9	10.2	23.6
Colorado .....	10,594	5,460	24	5,110	3,978	2,012	8	1,958	36.9	38.3	4.8	10.1	13.0	26.5
Connecticut .....	24,340	23,451	51	838	8,531	8,206	31	293	35.0	35.0	2.5	6.2	7.0	17.7
Delaware .....	1,355	1,281	37	37	615	589	16	11	46.0	28.9	8.4	5.6	18.2	19.3
District of Columbia .....	21,236	20,481	0	755	7,085	6,500	0	584	31.7	77.4	3.3	4.1	10.3	5.3
Florida .....	46,576	32,395	138	14,044	17,296	11,816	72	5,408	36.5	38.5	4.5	9.5	12.4	24.6
Georgia .....	24,901	20,399	80	4,423	9,231	7,165	29	2,036	35.1	46.0	3.2	12.4	9.0	27.0
Hawaii .....	2,051	1,705	0	345	889	736	0	152	43.2	44.1	6.9	9.4	16.0	21.3
Idaho .....	2,331	1,919	0	411	1,070	901	0	169	46.9	41.2	9.7	6.4	20.7	15.6
Illinois .....	64,454	55,280	86	9,088	21,818	18,788	38	2,992	34.0	32.9	3.5	6.4	10.3	19.5
Indiana .....	20,851	17,977	75	2,799	6,741	5,615	26	1,100	31.2	39.3	4.4	8.6	14.1	21.9
Iowa .....	20,372	10,204	35	10,132	6,680	3,781	23	2,876	37.1	28.4	4.9	10.7	13.3	37.7
Kansas .....	4,264	3,451	372	442	1,662	1,377	114	171	39.9	38.6	5.3	7.2	13.3	18.5
Kentucky .....	8,616	6,259	0	2,357	3,425	2,330	0	1,095	37.2	46.5	5.3	7.1	14.3	15.3
Louisiana .....	8,645	7,455	161	1,029	3,031	2,450	75	506	32.9	49.2	3.3	9.6	10.0	19.6
Maine .....	4,484	4,297	44	143	1,429	1,348	30	50	31.4	35.3	4.1	7.1	13.1	20.2
Maryland .....	24,236	23,465	0	771	6,596	6,295	0	302	26.8	39.1	1.8	10.0	6.9	25.5
Massachusetts .....	81,167	80,395	105	667	27,884	27,508	70	306	34.2	45.9	3.0	8.9	8.6	19.4
Michigan .....	14,353	13,238	11	1,104	5,834	5,345	4	484	40.4	43.9	6.7	8.4	16.5	19.1
Minnesota .....	18,821	12,644	36	6,140	7,894	5,003	11	2,879	39.6	46.9	4.9	11.6	12.3	24.7
Mississippi .....	2,625	2,244	0	381	1,033	874	0	159	39.0	41.7	6.1	6.5	15.8	15.6
Missouri .....	33,106	30,129	138	2,839	11,646	10,482	68	1,096	34.8	38.6	3.8	11.0	10.9	28.5
Montana .....	983	885	99	0	368	337	31	0	38.1	†	4.7	†	12.4	†
Nebraska .....	6,062	5,669	46	347	2,048	1,890	12	145	33.3	41.9	4.9	7.3	14.7	17.4
Nevada .....	1,599	551	0	1,048	747	270	0	476	49.1	45.4	5.8	10.8	11.8	23.7
New Hampshire .....	7,663	7,194	46	422	2,241	2,035	31	175	28.3	41.4	3.4	6.3	12.0	15.3
New Jersey .....	16,294	15,231	0	1,063	5,649	5,231	0	418	34.3	39.3	4.1	7.0	11.9	17.9
New Mexico .....	1,119	267	0	852	497	87	0	410	32.6	48.1	3.7	10.7	11.3	22.3
New York .....	142,639	135,910	582	6,148	48,640	45,907	320	2,412	33.8	39.2	3.3	7.8	9.7	20.0
North Carolina .....	37,734	35,839	127	1,768	10,128	9,425	41	662	26.3	37.4	2.4	8.3	9.0	22.1
North Dakota .....	1,139	1,013	0	127	430	381	0	49	37.6	38.4	4.9	6.3	13.0	16.5
Ohio .....	32,539	27,266	391	4,882	12,541	10,187	179	2,176	37.4	44.6	4.5	7.6	12.1	17.0
Oklahoma .....	5,649	4,548	0	1,101	2,010	1,525	0	485	33.5	44.0	4.5	8.2	13.5	18.6
Oregon .....	7,088	6,107	0	981	2,896	2,444	0	452	40.0	46.1	4.8	8.6	12.0	18.7
Pennsylvania .....	79,008	71,435	1,171	6,403	27,381	24,142	507	2,732	33.8	42.7	3.5	7.5	10.3	17.5
Rhode Island .....	9,659	9,659	0	0	3,014	3,014	0	0	31.2	†	4.0	†	12.9	†
South Carolina .....	8,551	5,817	168	2,566	2,874	2,077	49	748	35.7	29.1	5.3	1.0	15.0	3.4
South Dakota .....	1,911	1,222	34	654	669	490	18	161	40.1	24.6	4.8	4.0	11.9	16.3
Tennessee .....	38,501	35,614	177	2,711	9,445	8,171	75	1,199	22.9	44.2	2.0	8.7	8.8	19.8
Texas .....	36,240	29,497	540	6,204	13,169	10,440	245	2,484	35.4	40.0	3.8	8.9	10.6	22.1
Utah .....	8,627	7,075	106	1,447	3,191	2,470	54	667	34.9	46.1	9.3	9.1	26.5	19.7
Vermont .....	4,238	3,899	198	142	1,404	1,287	82	36	33.0	25.3	4.0	3.3	12.2	13.2
Virginia .....	22,257	16,521	0	5,736	8,549	6,040	0	2,509	36.6	43.7	5.6	7.9	15.2	18.0
Washington .....	8,865	7,626	11	1,229	3,664	3,151	5	509	41.3	41.4	5.0	8.9	12.0	21.4
West Virginia .....	4,308	2,141	0	2,167	1,805	744	0	1,061	34.7	49.0	4.9	11.9	14.2	24.3
Wisconsin .....	16,694	14,889	0	1,805	6,262	5,457	0	805	36.7	44.6	3.6	6.2	9.8	13.8
Wyoming .....	236	0	0	236	78	0	0	78	†	33.2	†	7.3	†	22.0
<b>Other jurisdictions .....</b>	<b>15,424</b>	<b>11,649</b>	<b>328</b>	<b>3,446</b>	<b>6,294</b>	<b>4,589</b>	<b>146</b>	<b>1,559</b>	<b>39.4</b>	<b>45.2</b>	<b>10.4</b>	<b>12.0</b>	<b>26.5</b>	<b>26.5</b>
American Samoa .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Guam .....	47	47	0	0	11	11	0	0	24.2	†	1.4	†	5.8	†
Marshall Islands .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Northern Marianas .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Palau .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†
Puerto Rico .....	15,377	11,603	328	3,446	6,282	4,578	146	1,559	39.5	45.2	10.5	12.0	26.5	26.5
U.S. Virgin Islands .....	0	0	0	0	0	0	0	0	†	†	†	†	†	†

†Not applicable.

NOTE: Full-time-equivalent staff is the full-time staff, plus the full-time equivalent of the part-time staff. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Data are for all degree-granting institutions, including those with fewer than 15 employees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2011–12, Human Resources component, Fall Staff section; and Spring 2012, Enrollment component. (This table was prepared January 2013.)

**Table 290. Number of instructional faculty in degree-granting institutions, by employment status, sex, control, and level of institution: Selected years, fall 1970 through fall 2011**

Year	Total	Employment status			Sex			Control				Level	
		Full-time	Part-time	Percent full-time	Males	Females	Percent female	Public	Private			4-year	2-year
									Total	Nonprofit	For-profit		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1970.....	474,000	369,000	104,000	77.8	—	—	—	314,000	160,000	—	—	382,000	92,000
1971 <sup>1</sup> .....	492,000	379,000	113,000	77.0	—	—	—	333,000	159,000	—	—	387,000	105,000
1972.....	500,000	380,000	120,000	76.0	—	—	—	343,000	157,000	—	—	384,000	116,000
1973 <sup>1</sup> .....	527,000	389,000	138,000	73.8	—	—	—	365,000	162,000	—	—	401,000	126,000
1974 <sup>1</sup> .....	567,000	406,000	161,000	71.6	—	—	—	397,000	170,000	—	—	427,000	140,000
1975 <sup>1</sup> .....	628,000	440,000	188,000	70.1	—	—	—	443,000	185,000	—	—	467,000	161,000
1976.....	633,000	434,000	199,000	68.6	—	—	—	449,000	184,000	—	—	467,000	166,000
1977.....	678,000	448,000	230,000	66.1	—	—	—	492,000	186,000	—	—	485,000	193,000
1979 <sup>1</sup> .....	675,000	445,000	230,000	65.9	—	—	—	488,000	187,000	—	—	494,000	182,000
1980 <sup>1</sup> .....	686,000	450,000	236,000	65.6	—	—	—	495,000	191,000	—	—	494,000	192,000
1981.....	705,000	461,000	244,000	65.4	—	—	—	509,000	196,000	—	—	493,000	212,000
1982 <sup>1</sup> .....	710,000	462,000	248,000	65.1	—	—	—	506,000	204,000	—	—	493,000	217,000
1983.....	724,000	471,000	254,000	65.1	—	—	—	512,000	212,000	—	—	504,000	220,000
1984 <sup>1</sup> .....	717,000	462,000	255,000	64.4	—	—	—	505,000	212,000	—	—	504,000	213,000
1985 <sup>1</sup> .....	715,000	459,000	256,000	64.2	—	—	—	503,000	212,000	—	—	504,000	211,000
1986 <sup>1</sup> .....	722,000	459,000	263,000	63.6	—	—	—	510,000	212,000	—	—	506,000	216,000
1987 <sup>2</sup> .....	793,070	523,420	269,650	66.0	529,413	263,657	33.2	552,749	240,321	—	—	547,505	245,565
1989 <sup>2</sup> .....	824,220	524,426	299,794	63.6	534,254	289,966	35.2	577,298	246,922	—	—	583,700	240,520
1991 <sup>2</sup> .....	826,252	535,623	290,629	64.8	525,599	300,653	36.4	580,908	245,344	236,066	9,278	591,269	234,983
1993 <sup>2</sup> .....	915,474	545,706	369,768	59.6	561,123	354,351	38.7	650,434	265,040	254,130	10,910	625,969	289,505
1995 <sup>2</sup> .....	931,706	550,822	380,884	59.1	562,893	368,813	39.6	656,833	274,873	260,900	13,973	647,059	284,647
1997 <sup>2</sup> .....	989,813	568,719	421,094	57.5	587,420	402,393	40.7	694,560	295,253	271,257	23,996	682,650	307,163
1999 <sup>2</sup> .....	1,027,830	590,937	436,893	57.5	602,469	425,361	41.4	713,325	314,505	284,652	29,853	713,823	314,007
2001 <sup>2</sup> .....	1,113,183	617,868	495,315	55.5	644,514	468,669	42.1	771,124	342,059	306,487	35,572	764,172	349,011
2003 <sup>2</sup> .....	1,173,593	630,092	543,501	53.7	663,723	509,870	43.4	791,766	381,827	330,097	51,730	814,289	359,304
2005 <sup>2</sup> .....	1,290,426	675,624	614,802	52.4	714,453	575,973	44.6	841,188	449,238	361,523	87,715	916,996	373,430
2007 <sup>2</sup> .....	1,371,390	703,463	667,927	51.3	743,812	627,578	45.8	877,146	494,244	385,875	108,369	990,849	380,541
2009 <sup>2</sup> .....	1,439,144	728,977	710,167	50.7	761,035	678,109	47.1	913,679	525,465	408,561	116,904	1,038,483	400,661
2011 <sup>2</sup> .....	1,523,615	761,619	761,996	50.0	789,197	734,418	48.2	953,230	570,385	432,733	137,652	1,115,627	407,988

—Not available.

<sup>1</sup>Estimated on the basis of enrollment. For methodological details on estimates, see National Center for Education Statistics, *Projections of Education Statistics to 2000*.

<sup>2</sup>Because of revised survey methods, data are not directly comparable with figures for years prior to 1987.

NOTE: Includes faculty members with the title of professor, associate professor, assistant professor, instructor, lecturer, assisting professor, adjunct professor, or interim professor (or the equivalent). Excluded are graduate students with titles such as graduate or teaching fellow who assist senior faculty. Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification,

but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Beginning in 2007, includes institutions with fewer than 15 full-time employees; these institutions did not report staff data prior to 2007. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), *Employees in Institutions of Higher Education*, 1970 and 1972, and "Staff Survey" 1976; *Projections of Education Statistics to 2000*; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff Survey" (IPEDS-S:87-99); IPEDS Winter 2001-02 through Winter 2011-12, Human Resources component, Fall Staff section; and U.S. Equal Employment Opportunity Commission, Higher Education Staff Information Survey (EEO-6), 1977, 1981, and 1983. (This table was prepared July 2012.)

**Table 291. Full-time instructional faculty in degree-granting institutions, by race/ethnicity, sex, and academic rank: Fall 2007, fall 2009, and fall 2011**

Sex and academic rank	Total	White	Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and two or more races								Two or more races	Race/ethnicity unknown	Non-resident-alien <sup>2</sup>
			Total	Percent <sup>1</sup>	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native			
							Total	Asian	Pacific Islander				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>2007</b>													
<b>Total</b> .....	<b>703,463</b>	<b>540,460</b>	<b>119,906</b>	<b>18.2</b>	<b>37,930</b>	<b>24,975</b>	<b>53,661</b>	—	—	<b>3,340</b>	—	<b>11,875</b>	<b>31,222</b>
Professors.....	173,395	147,867	22,734	13.3	5,839	4,128	12,239	—	—	528	—	1,309	1,485
Associate professors .....	143,692	115,274	24,255	17.4	7,855	4,714	11,082	—	—	604	—	1,628	2,535
Assistant professors .....	168,508	117,618	34,940	22.9	10,642	6,329	17,290	—	—	679	—	3,593	12,357
Instructors.....	101,429	77,609	19,470	20.1	7,480	5,800	5,225	—	—	965	—	2,350	2,000
Lecturers.....	31,264	23,470	5,326	18.5	1,602	1,492	2,081	—	—	151	—	661	1,807
Other faculty .....	85,175	58,622	13,181	18.4	4,512	2,512	5,744	—	—	413	—	2,334	11,038
<b>2009</b>													
<b>Total</b> .....	<b>728,977</b>	<b>551,271</b>	<b>130,903</b>	<b>19.2</b>	<b>39,715</b>	<b>28,040</b>	<b>59,691</b>	—	—	<b>3,457</b>	—	<b>16,058</b>	<b>30,745</b>
Professors.....	177,581	149,568	24,633	14.1	6,086	4,683	13,284	—	—	580	—	1,923	1,457
Associate professors .....	148,981	117,270	26,779	18.6	8,163	5,383	12,632	—	—	601	—	2,387	2,545
Assistant professors .....	171,639	117,892	37,199	24.0	10,979	6,789	18,712	—	—	719	—	4,617	11,931
Instructors.....	104,521	78,329	20,951	21.1	7,806	6,577	5,566	—	—	1,002	—	3,396	1,845
Lecturers.....	33,332	24,895	5,851	19.0	1,812	1,583	2,318	—	—	138	—	882	1,704
Other faculty .....	92,923	63,317	15,490	19.7	4,869	3,025	7,179	—	—	417	—	2,853	11,263
<b>Males</b> .....	<b>415,821</b>	<b>314,712</b>	<b>71,889</b>	<b>18.6</b>	<b>18,026</b>	<b>14,865</b>	<b>37,261</b>	—	—	<b>1,737</b>	—	<b>8,973</b>	<b>20,247</b>
Professors.....	127,931	107,315	18,013	14.4	3,755	3,209	10,684	—	—	365	—	1,405	1,198
Associate professors.....	87,965	68,747	15,935	18.8	4,180	3,096	8,338	—	—	321	—	1,497	1,786
Assistant professors.....	88,665	59,607	18,954	24.1	4,568	3,422	10,658	—	—	306	—	2,477	7,627
Instructors.....	46,762	35,137	9,003	20.4	2,880	3,078	2,568	—	—	477	—	1,583	1,039
Lecturers.....	15,724	11,702	2,620	18.3	822	650	1,084	—	—	64	—	466	936
Other faculty.....	48,774	32,204	7,364	18.6	1,821	1,410	3,929	—	—	204	—	1,545	7,661
<b>Females</b> .....	<b>313,156</b>	<b>236,559</b>	<b>59,014</b>	<b>20.0</b>	<b>21,689</b>	<b>13,175</b>	<b>22,430</b>	—	—	<b>1,720</b>	—	<b>7,085</b>	<b>10,498</b>
Professors.....	49,650	42,253	6,620	13.5	2,331	1,474	2,600	—	—	215	—	518	259
Associate professors.....	61,016	48,523	10,844	18.3	3,983	2,287	4,294	—	—	280	—	890	759
Assistant professors.....	82,974	58,285	18,245	23.8	6,411	3,367	8,054	—	—	413	—	2,140	4,304
Instructors.....	57,759	43,192	11,948	21.7	4,926	3,499	2,998	—	—	525	—	1,813	806
Lecturers.....	17,608	13,193	3,231	19.7	990	933	1,234	—	—	74	—	416	768
Other faculty.....	44,149	31,113	8,126	20.7	3,048	1,615	3,250	—	—	213	—	1,308	3,602
<b>2011</b>													
<b>Total</b> .....	<b>761,619</b>	<b>563,689</b>	<b>147,517</b>	<b>20.7</b>	<b>41,649</b>	<b>31,331</b>	<b>66,887</b>	<b>65,438</b>	<b>1,449</b>	<b>3,529</b>	<b>4,121</b>	<b>17,000</b>	<b>33,413</b>
Professors.....	181,508	150,334	27,588	15.5	6,517	5,180	14,646	14,425	221	589	656	2,202	1,384
Associate professors .....	155,200	119,371	30,648	20.4	8,695	6,143	14,409	14,129	280	597	804	2,477	2,704
Assistant professors .....	174,045	118,014	39,988	25.3	10,994	7,428	19,822	19,443	379	701	1,043	4,926	11,117
Instructors.....	109,054	80,703	23,160	22.3	8,600	6,906	5,808	5,449	359	981	865	3,263	1,928
Lecturers.....	34,477	25,823	6,262	19.5	1,688	1,773	2,456	2,421	35	135	210	849	1,543
Other faculty .....	107,335	69,444	19,871	22.2	5,155	3,901	9,746	9,571	175	526	543	3,283	14,737
<b>Males</b> .....	<b>426,982</b>	<b>315,801</b>	<b>79,805</b>	<b>20.2</b>	<b>18,660</b>	<b>16,345</b>	<b>41,057</b>	<b>40,357</b>	<b>700</b>	<b>1,749</b>	<b>1,994</b>	<b>9,602</b>	<b>21,774</b>
Professors.....	128,648	106,039	19,841	15.8	3,984	3,499	11,579	11,420	159	362	417	1,643	1,125
Associate professors.....	89,741	68,447	17,865	20.7	4,373	3,437	9,305	9,142	163	313	437	1,574	1,855
Assistant professors.....	88,168	58,531	19,881	25.4	4,458	3,692	10,974	10,820	154	303	454	2,693	7,063
Instructors.....	48,130	35,870	9,749	21.4	3,136	3,133	2,669	2,526	143	463	348	1,487	1,024
Lecturers.....	15,689	11,720	2,740	18.9	751	753	1,110	1,090	20	47	79	410	819
Other faculty.....	56,606	35,194	9,729	21.7	1,958	1,831	5,420	5,359	61	261	259	1,795	9,888
<b>Females</b> .....	<b>334,637</b>	<b>247,888</b>	<b>67,712</b>	<b>21.5</b>	<b>22,989</b>	<b>14,986</b>	<b>25,830</b>	<b>25,081</b>	<b>749</b>	<b>1,780</b>	<b>2,127</b>	<b>7,398</b>	<b>11,639</b>
Professors.....	52,860	44,295	7,747	14.9	2,533	1,681	3,067	3,005	62	227	239	559	259
Associate professors.....	65,459	50,924	12,783	20.1	4,322	2,706	5,104	4,987	117	284	367	903	849
Assistant professors.....	85,877	59,483	20,107	25.3	6,536	3,736	8,848	8,623	225	398	589	2,233	4,054
Instructors.....	60,924	44,833	13,411	23.0	5,464	3,773	3,139	2,923	216	518	517	1,776	904
Lecturers.....	18,788	14,103	3,522	20.0	937	1,020	1,346	1,331	15	88	131	439	724
Other faculty.....	50,729	34,250	10,142	22.8	3,197	2,070	4,326	4,212	114	265	284	1,488	4,849

—Not available.

<sup>1</sup>Combined total of faculty who were Black, Hispanic, Asian, Pacific Islander, American Indian/Alaska Native, and of two or more races as a percentage of total faculty, excluding race/ethnicity unknown and nonresident alien.<sup>2</sup>Race/ethnicity not collected.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes institutions with fewer than 15 full-time

employees; these institutions did not report staff data prior to 2007. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Winter 2007–08, Winter 2009–10, and Winter 2011–12, Human Resources component, Fall Staff section. (This table was prepared July 2012.)

**Table 292. Percentage distribution of full-time faculty and instructional staff in degree-granting institutions, by level and control of institution, selected instruction activities, and number of classes taught for credit: Fall 2003**

[Standard errors appear in parentheses]

Instruction activity and number of classes	All institutions	Research		Doctoral		Comprehensive		Private liberal arts	Public 2-year	Other
		Public	Private	Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
Number of full-time faculty and instructional staff (in thousands).....	681.8 (0.05)	162.1 (0.85)	63.5 (1.58)	51.3 (0.76)	21.7 (0.79)	107.3 (2.98)	41.4 (1.59)	49.6 (1.80)	114.6 (1.09)	70.2 (3.36)
Percentage distribution .....	100.0 (†)	23.8 (0.12)	9.3 (0.23)	7.5 (0.11)	3.2 (0.12)	15.7 (0.44)	6.1 (0.23)	7.3 (0.26)	16.8 (0.16)	10.3 (0.49)
Average hours worked per week .....	53.3 (0.13)	55.6 (0.21)	55.8 (0.42)	54.0 (0.38)	52.4 (0.59)	53.2 (0.31)	51.8 (0.53)	54.0 (0.39)	49.2 (0.34)	53.1 (0.49)
Paid activities within institution .....	45.4 (0.12)	48.8 (0.19)	47.8 (0.36)	45.9 (0.31)	44.7 (0.47)	44.4 (0.27)	42.9 (0.55)	45.6 (0.39)	40.9 (0.27)	45.1 (0.59)
Unpaid activities within institution .....	3.8 (0.04)	3.1 (0.08)	3.3 (0.15)	3.9 (0.14)	3.8 (0.20)	4.4 (0.13)	4.4 (0.15)	4.4 (0.11)	4.2 (0.12)	3.6 (0.22)
Paid activities outside institution .....	2.2 (0.05)	1.8 (0.08)	2.7 (0.21)	2.1 (0.13)	2.3 (0.25)	2.3 (0.12)	2.2 (0.17)	2.0 (0.13)	2.3 (0.12)	2.8 (0.24)
Unpaid activities outside institution .....	1.9 (0.03)	1.9 (0.05)	2.0 (0.09)	2.1 (0.11)	1.7 (0.11)	2.1 (0.09)	2.3 (0.12)	2.0 (0.14)	1.7 (0.08)	1.6 (0.10)
Work time distribution (percent).....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (2.08)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching.....	58.2 (0.27)	43.5 (0.43)	43.1 (0.76)	55.5 (0.72)	55.0 (1.15)	64.7 (0.70)	67.5 (0.78)	65.9 (0.80)	78.4 (0.65)	55.0 (1.61)
Research/scholarship .....	20.0 (0.44)	33.2 (0.42)	34.0 (0.84)	22.3 (0.72)	24.6 (0.84)	15.0 (0.49)	11.2 (0.57)	12.7 (0.67)	3.7 (0.26)	18.7 (0.97)
Other activities (administration, professional growth, etc.) .....	21.7 (0.17)	23.2 (0.45)	22.8 (0.67)	22.2 (0.64)	20.4 (1.21)	20.4 (0.66)	21.3 (0.75)	21.3 (0.73)	17.9 (0.54)	26.3 (1.27)
<b>Faculty/staff distribution by instruction activity (percent)</b>										
Distribution by hours taught per week .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0 .....	30.3 (0.44)	48.9 (0.83)	52.2 (1.31)	30.0 (1.70)	26.5 (1.74)	16.3 (1.08)	14.9 (1.06)	15.5 (1.15)	14.5 (0.86)	36.0 (2.35)
4.0 to 5.9 .....	5.8 (0.21)	8.4 (0.50)	8.8 (0.77)	6.0 (0.58)	8.4 (1.37)	4.1 (0.53)	4.1 (0.57)	4.1 (0.57)	2.5 (0.33)	6.7 (0.99)
6.0 to 7.9 .....	13.8 (0.37)	20.0 (0.80)	15.2 (1.20)	22.2 (1.14)	22.0 (1.77)	12.0 (0.78)	11.0 (1.43)	13.3 (1.48)	4.4 (0.60)	9.0 (0.88)
8.0 to 9.9 .....	12.5 (0.30)	9.0 (0.49)	9.3 (0.87)	16.9 (1.20)	19.3 (1.76)	21.5 (0.93)	18.7 (1.78)	19.5 (1.83)	5.7 (0.61)	7.2 (0.98)
10.0 to 14.9 .....	18.2 (0.39)	7.9 (0.55)	8.8 (0.88)	15.1 (1.13)	15.0 (1.53)	31.5 (1.24)	32.7 (2.15)	33.5 (1.93)	14.7 (0.90)	19.6 (1.95)
15.0 or more .....	19.4 (0.40)	5.8 (0.43)	5.7 (0.67)	9.7 (0.92)	8.7 (1.34)	14.6 (0.93)	18.5 (1.92)	14.1 (1.39)	58.2 (1.47)	21.5 (1.73)
Distribution by number of students taught .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 25 .....	30.6 (0.46)	46.0 (0.84)	51.5 (1.56)	29.7 (1.53)	31.9 (1.88)	16.8 (1.25)	16.5 (1.23)	20.8 (1.44)	15.9 (0.94)	36.8 (1.96)
25 to 49 .....	17.0 (0.34)	17.0 (0.83)	16.9 (1.06)	17.1 (0.99)	18.8 (1.74)	17.9 (0.96)	22.7 (1.57)	25.4 (1.62)	12.0 (0.77)	13.4 (1.41)
50 to 74 .....	16.2 (0.33)	11.9 (0.69)	10.0 (0.99)	16.3 (1.29)	20.9 (1.64)	18.7 (0.77)	26.5 (1.32)	24.4 (1.40)	16.2 (0.86)	14.4 (1.07)
75 to 99 .....	13.0 (0.30)	7.6 (0.51)	6.2 (0.57)	13.9 (0.91)	11.2 (0.95)	17.5 (0.86)	17.6 (1.15)	15.8 (1.09)	18.1 (0.78)	11.5 (1.03)
100 to 149 .....	14.2 (0.39)	7.6 (0.54)	7.0 (0.78)	13.2 (0.87)	9.9 (1.21)	19.4 (1.22)	13.1 (1.61)	10.6 (0.96)	25.7 (0.98)	14.9 (1.58)
150 or more .....	9.0 (0.27)	9.8 (0.59)	8.4 (0.73)	9.8 (0.87)	7.4 (1.04)	9.7 (0.85)	3.6 (0.72)	3.0 (0.62)	12.1 (0.86)	8.9 (0.63)
Distribution by student classroom contact hours per week <sup>1</sup> .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 50 .....	24.2 (0.40)	38.3 (0.83)	42.7 (1.33)	23.2 (1.52)	22.0 (1.53)	11.9 (1.04)	12.6 (1.02)	12.2 (1.05)	11.9 (0.77)	30.8 (1.87)
50 to 99 .....	5.3 (0.23)	7.7 (0.56)	7.0 (0.82)	6.4 (0.68)	7.0 (1.20)	4.3 (0.52)	2.7 (0.55)	4.9 (0.48)	2.5 (0.39)	5.2 (0.88)
100 to 199 .....	7.1 (0.20)	9.4 (0.54)	10.7 (0.87)	8.0 (0.88)	8.6 (1.38)	6.2 (0.62)	4.5 (0.66)	7.2 (1.02)	3.4 (0.43)	6.1 (0.99)
200 to 349 .....	9.0 (0.28)	10.9 (0.52)	10.4 (0.83)	10.4 (0.88)	12.8 (1.74)	8.6 (0.71)	10.9 (1.38)	11.9 (1.27)	3.6 (0.54)	6.8 (0.79)
350 to 499 .....	7.7 (0.24)	8.0 (0.44)	8.1 (0.83)	10.6 (1.03)	11.5 (1.03)	7.9 (0.91)	10.2 (0.79)	12.4 (0.93)	3.5 (0.40)	4.6 (0.70)
500 or more .....	46.8 (0.44)	25.6 (0.74)	21.2 (1.21)	41.4 (1.36)	38.0 (1.81)	61.1 (1.46)	59.1 (1.75)	51.4 (2.13)	75.0 (1.16)	46.6 (2.30)
Distribution by total classroom credit hours .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0 .....	31.8 (0.54)	48.9 (0.82)	52.1 (1.55)	30.1 (1.46)	29.0 (1.75)	18.0 (1.03)	17.5 (1.44)	23.7 (2.18)	15.4 (0.84)	38.1 (2.23)
4.0 to 5.9 .....	6.6 (0.22)	9.4 (0.54)	10.2 (0.63)	6.8 (0.67)	10.5 (1.53)	3.5 (0.35)	4.5 (0.61)	5.6 (0.67)	3.7 (0.44)	7.0 (0.83)
6.0 to 7.9 .....	15.0 (0.37)	21.6 (0.66)	14.0 (1.04)	25.1 (1.29)	21.3 (1.71)	14.2 (0.94)	12.2 (1.04)	11.4 (1.15)	6.6 (0.72)	10.1 (1.07)
8.0 to 9.9 .....	14.8 (0.33)	10.4 (0.60)	10.7 (0.84)	19.9 (1.28)	20.8 (1.47)	25.3 (1.15)	23.4 (1.73)	19.1 (1.16)	8.1 (0.60)	10.0 (1.19)
10.0 to 14.9 .....	20.2 (0.38)	7.7 (0.51)	9.7 (0.99)	14.8 (1.17)	13.2 (1.40)	32.0 (1.20)	35.4 (1.94)	32.5 (2.20)	24.3 (1.28)	22.3 (1.38)
15.0 or more .....	11.6 (0.31)	1.9 (0.24)	3.2 (0.52)	3.3 (0.64)	5.2 (0.99)	7.0 (0.88)	6.9 (0.71)	7.7 (1.28)	41.8 (1.50)	12.5 (1.17)

See notes at end of table.



**Table 292. Percentage distribution of full-time faculty and instructional staff in degree-granting institutions, by level and control of institution, selected instruction activities, and number of classes taught for credit: Fall 2003—Continued**

[Standard errors appear in parentheses]

Instruction activity and number of classes	All institutions	Research		Doctoral		Comprehensive		Private liberal arts	Public 2-year	Other
		Public	Private	Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
<b>Faculty/staff distribution by number of classes taught for credit (percent)</b>										
Faculty/staff with undergraduate classes only, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
1 .....	11.0 (0.43)	24.2 (2.40)	20.2 (2.97)	14.1 (2.91)	10.0 (2.52)	10.5 (1.31)	9.3 (1.13)	9.9 (0.98)	8.7 (0.75)	11.2 (2.17)
2 .....	17.4 (0.62)	38.0 (2.80)	31.2 (3.96)	24.2 (3.05)	38.6 (5.05)	14.6 (1.51)	18.5 (2.14)	22.7 (2.32)	10.7 (0.77)	13.7 (2.29)
3 .....	23.7 (0.65)	22.6 (2.21)	30.8 (3.42)	31.1 (2.98)	37.3 (3.60)	28.6 (1.89)	30.3 (2.48)	34.3 (2.57)	16.0 (0.96)	17.3 (2.77)
4 .....	21.9 (0.73)	10.8 (1.43)	11.7 (2.99)	20.4 (1.92)	10.9 (2.75)	33.3 (1.87)	30.7 (2.77)	21.1 (2.22)	16.9 (1.00)	28.4 (2.48)
5 or more .....	26.1 (0.70)	4.4 (0.86)	6.1 (1.74)	10.1 (1.97)	3.2 ! (1.15)	13.0 (1.56)	11.2 (1.53)	12.0 (1.44)	47.6 (1.49)	29.4 (2.14)
Faculty/staff with graduate classes only, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	‡ (†)	100.0 (†)
1 .....	40.1 (1.21)	50.4 (2.17)	48.0 (3.69)	34.3 (3.04)	25.9 (4.02)	23.6 (3.86)	13.0 (3.72)	15.8 ! (6.35)	‡ (†)	37.8 (3.15)
2 .....	31.0 (1.07)	26.3 (1.81)	27.9 (2.93)	39.1 (3.32)	50.7 (4.02)	33.6 (5.32)	28.7 (4.00)	31.6 ! (12.42)	‡ (†)	32.9 (2.93)
3 .....	16.7 (0.88)	14.3 (1.38)	13.3 (2.60)	16.3 (2.76)	14.1 (3.52)	29.6 (4.35)	36.3 (4.99)	22.7 ! (9.79)	‡ (†)	13.4 (2.48)
4 .....	7.1 (0.80)	4.5 (1.24)	7.4 (2.07)	7.4 (2.04)	3.7 ! (1.44)	10.1 ! (3.39)	16.5 (3.92)	16.7 ! (8.04)	‡ (†)	7.2 ! (2.21)
5 or more .....	5.1 (0.52)	4.4 (0.69)	3.4 ! (1.33)	‡ (†)	5.7 ! (2.80)	3.1 ! (1.52)	5.5 ! (2.85)	‡ (†)	‡ (†)	8.7 (1.94)
Faculty/staff with both undergraduate and graduate classes, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	‡ (†)	100.0 (†)
1 .....	23.3 (0.68)	32.5 (1.37)	38.4 (1.89)	21.1 (2.17)	20.2 (2.37)	9.0 (1.04)	10.3 (2.14)	9.4 (2.00)	‡ (†)	24.8 (3.18)
2 .....	33.4 (0.83)	44.3 (1.36)	42.8 (2.33)	37.1 (2.15)	37.8 (2.58)	19.6 (1.30)	19.0 (2.78)	18.3 (2.62)	‡ (†)	18.7 (3.00)
3 .....	24.3 (0.70)	15.5 (0.99)	12.4 (1.37)	26.5 (1.75)	32.0 (3.01)	38.1 (1.91)	34.8 (2.85)	29.5 (3.77)	‡ (†)	21.2 (3.06)
4 .....	12.2 (0.54)	4.5 (0.64)	3.7 (1.06)	10.1 (1.37)	6.6 ! (2.02)	23.4 (1.69)	24.4 (3.39)	27.5 (3.74)	‡ (†)	16.6 (3.55)
5 or more .....	6.7 (0.43)	3.1 (0.45)	2.8 (0.78)	5.2 (0.75)	‡ (†)	9.9 (1.01)	11.4 (2.07)	15.2 (3.65)	‡ (†)	18.6 (2.88)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Distribution by student classroom contact hours per week is based on the number of contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2004 National Study of Postsecondary Faculty (NSOPF:04). (This table was prepared December 2008.)

**Table 293. Percentage distribution of part-time faculty and instructional staff in degree-granting institutions, by level and control of institution, selected instruction activities, and number of classes taught for credit: Fall 2003**

[Standard errors appear in parentheses]

Instruction activity and number of classes	All institutions	Research		Doctoral		Comprehensive		Private liberal arts	Public 2-year	Other
		Public	Private	Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
Number of part-time faculty and instructional staff (in thousands).....	530.0 (0.02)	39.7 (0.78)	23.2 (0.96)	20.8 (0.82)	15.4 (0.83)	60.3 (2.49)	53.5 (2.17)	28.4 (2.19)	230.1 (2.00)	58.7 (3.38)
Percentage distribution .....	100.0 (†)	7.5 (0.15)	4.4 (0.18)	3.9 (0.15)	2.9 (0.16)	11.4 (0.47)	10.1 (0.41)	5.4 (0.41)	43.4 (0.38)	11.1 (0.64)
Average hours worked per week .....	39.9 (0.30)	41.1 (0.85)	42.6 (1.24)	43.5 (1.37)	42.1 (1.29)	38.8 (1.01)	42.7 (1.14)	39.6 (1.23)	38.0 (0.45)	41.8 (1.18)
Paid activities within institution.....	13.7 (0.13)	19.0 (0.61)	14.0 (0.65)	16.4 (0.76)	13.5 (0.97)	14.9 (0.48)	12.1 (0.56)	13.5 (0.73)	12.5 (0.19)	14.2 (0.46)
Unpaid activities within institution .....	1.7 (0.06)	1.8 (0.25)	2.5 (0.25)	2.3 (0.28)	2.8 (0.37)	2.3 (0.19)	2.7 (0.12)	2.6 (0.17)	2.1 (0.08)	2.5 (0.17)
Paid activities outside institution .....	22.1 (0.28)	18.3 (0.98)	23.9 (1.34)	23.3 (1.55)	24.1 (1.40)	19.9 (1.00)	26.6 (1.38)	21.9 (0.98)	21.6 (0.41)	23.3 (1.06)
Unpaid activities outside institution.....	2.3 (0.06)	2.0 (0.25)	2.2 (0.25)	1.6 (0.28)	1.7 (0.37)	1.8 (0.19)	1.3 (0.12)	1.6 (0.17)	1.7 (0.08)	1.8 (0.17)
Work time distribution (percent).....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Teaching.....	88.3 (0.32)	74.1 (1.79)	80.6 (1.89)	84.9 (1.71)	87.2 (1.87)	90.8 (0.83)	90.4 (0.70)	90.2 (1.20)	91.3 (0.43)	85.4 (1.19)
Research/scholarship .....	3.9 (0.80)	13.3 (1.62)	7.0 (0.97)	7.4 (1.35)	5.2 (1.42)	3.2 (0.46)	2.4 (0.49)	2.6 (0.54)	2.1 (0.21)	4.4 (0.61)
Other activities (administration, professional growth, etc.) .....	7.8 (0.20)	12.6 (1.04)	12.4 (1.75)	7.6 (1.03)	7.6 (1.22)	6.0 (0.63)	7.2 (0.81)	7.2 (0.92)	6.6 (0.40)	10.3 (0.93)
<b>Faculty/staff distribution by instruction activity (percent)</b>										
Distribution by hours taught per week .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0 .....	45.3 (0.80)	58.1 (2.25)	62.4 (3.87)	53.3 (2.71)	48.0 (2.67)	45.5 (1.68)	39.8 (2.34)	44.8 (2.96)	41.3 (1.30)	46.5 (2.46)
4.0 to 5.9 .....	12.2 (0.48)	9.3 (1.25)	12.9 (2.46)	12.5 (1.49)	15.0 (1.57)	9.7 (1.25)	17.7 (2.07)	13.2 (1.73)	11.7 (0.71)	12.6 (1.62)
6.0 to 7.9 .....	14.3 (0.57)	12.5 (1.50)	10.1 (1.69)	14.5 (1.76)	14.3 (2.01)	19.4 (1.68)	12.9 (2.14)	13.8 (1.98)	14.5 (1.04)	13.0 (1.72)
8.0 to 9.9 .....	10.4 (0.47)	8.9 (1.22)	5.6 (1.46)	8.3 (1.82)	7.8 (1.58)	10.8 (1.11)	11.7 (1.93)	10.7 (1.54)	11.3 (0.73)	9.5 (1.45)
10.0 to 14.9 .....	9.4 (0.47)	7.5 (1.27)	3.0 ! (1.16)	5.5 (1.29)	7.3 (2.03)	8.0 (1.27)	7.7 (1.29)	8.3 (1.55)	11.7 (0.99)	9.8 (1.27)
15.0 or more .....	8.3 (0.43)	3.6 (0.90)	6.0 ! (1.94)	5.9 (1.50)	7.6 (1.26)	6.5 (1.05)	10.3 (1.61)	9.1 (2.38)	9.5 (0.67)	8.5 (1.19)
Distribution by number of students taught .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 25 .....	52.0 (0.82)	55.6 (2.16)	68.9 (3.98)	44.6 (2.68)	56.9 (3.29)	41.6 (2.07)	57.9 (2.45)	60.5 (2.34)	49.7 (1.37)	54.0 (3.15)
25 to 49 .....	24.9 (0.58)	17.4 (1.54)	16.9 (2.13)	27.4 (2.51)	20.7 (2.48)	24.5 (2.10)	29.4 (1.90)	24.1 (1.76)	26.7 (0.97)	22.6 (2.74)
50 to 74 .....	12.1 (0.54)	11.6 (1.23)	3.7 ! (1.15)	12.5 (1.71)	9.8 (2.48)	17.5 (1.52)	8.5 (0.77)	10.0 (1.65)	12.9 (0.95)	11.7 (1.55)
75 to 99 .....	5.8 (0.30)	5.4 (0.89)	4.1 ! (1.57)	7.6 (1.52)	6.8 (1.62)	6.7 (1.22)	2.0 (0.44)	3.7 (0.97)	6.2 (0.48)	7.5 (1.18)
100 to 149 .....	3.4 (0.23)	4.8 (1.07)	2.0 ! (0.72)	4.2 ! (1.46)	2.9 ! (0.89)	7.2 (1.14)	1.8 ! (0.55)	‡ (†)	3.2 (0.41)	2.4 ! (0.76)
150 or more .....	1.9 (0.19)	5.2 (0.96)	4.5 (1.35)	3.7 (0.94)	2.8 ! (1.12)	2.6 (0.59)	‡ (†)	‡ (†)	1.2 (0.35)	1.7 (0.44)
Distribution by student classroom contact hours per week <sup>1</sup> .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 50 .....	33.9 (0.80)	41.6 (2.52)	53.4 (3.89)	27.7 (2.98)	40.2 (2.67)	25.4 (1.88)	36.0 (2.52)	38.2 (2.66)	31.3 (1.34)	36.7 (3.40)
50 to 99 .....	17.0 (0.54)	13.1 (1.46)	17.5 (2.13)	23.0 (3.38)	17.0 (2.30)	18.9 (1.40)	19.5 (1.53)	17.4 (1.97)	16.6 (0.96)	14.5 (1.65)
100 to 199 .....	13.2 (0.49)	13.3 (1.51)	8.5 (1.44)	14.2 (2.34)	7.5 (1.56)	14.8 (1.72)	13.3 (1.65)	14.1 (2.01)	13.4 (0.82)	13.5 (2.19)
200 to 349 .....	11.2 (0.46)	10.8 (1.29)	5.6 (1.42)	10.9 (1.97)	12.3 (1.88)	10.3 (1.80)	13.5 (0.93)	10.1 (1.26)	11.4 (0.66)	12.1 (1.62)
350 to 499 .....	7.2 (0.34)	6.1 (0.98)	3.0 ! (0.96)	7.7 (1.74)	8.5 (1.74)	10.2 (1.0)	4.5 (0.64)	5.5 (0.95)	8.0 (0.69)	6.0 (0.93)
500 or more .....	17.5 (0.58)	15.1 (1.89)	12.1 (2.50)	16.5 (2.29)	14.5 (2.58)	20.3 (1.97)	13.3 (1.53)	14.6 (2.85)	19.3 (0.98)	17.2 (1.87)
Distribution by total classroom credit hours .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
Less than 4.0 .....	53.3 (0.89)	59.8 (2.39)	67.5 (3.65)	62.2 (2.96)	55.4 (2.34)	52.0 (2.05)	51.3 (2.05)	58.9 (2.14)	50.2 (1.43)	52.2 (3.00)
4.0 to 5.9 .....	11.7 (0.52)	12.2 (1.52)	11.8 (2.12)	10.8 (1.63)	10.6 (1.81)	9.3 (1.09)	14.1 (1.77)	10.3 (1.68)	12.2 (0.75)	11.5 (1.68)
6.0 to 7.9 .....	16.9 (0.55)	12.8 (1.61)	10.2 (2.20)	14.9 (1.96)	18.7 (2.12)	23.1 (2.10)	18.1 (1.22)	15.4 (1.81)	16.5 (0.98)	17.5 (1.62)
8.0 to 9.9 .....	9.4 (0.42)	8.2 (0.92)	6.2 (1.22)	8.5 (1.64)	8.3 (2.03)	9.5 (0.99)	9.0 (1.08)	8.3 (1.34)	10.8 (0.81)	7.4 (1.33)
10.0 to 14.9 .....	6.6 (0.35)	5.6 (1.48)	1.8 ! (0.75)	3.6 (0.97)	4.8 (1.22)	3.8 (0.81)	5.2 (0.82)	5.1 ! (1.57)	8.1 (0.62)	9.2 (1.54)
15.0 or more .....	2.1 (0.21)	1.4 ! (0.58)	2.5 ! (0.91)	‡ (†)	2.2 ! (0.78)	2.2 (0.57)	2.3 (0.64)	2.0 ! (0.80)	2.2 (0.31)	2.2 (0.63)

See notes at end of table.

**Table 293. Percentage distribution of part-time faculty and instructional staff in degree-granting institutions, by level and control of institution, selected instruction activities, and number of classes taught for credit: Fall 2003—Continued**

[Standard errors appear in parentheses]

Instruction activity and number of classes	All institutions	Research		Doctoral		Comprehensive		Private liberal arts	Public 2-year	Other
		Public	Private	Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
<b>Faculty/staff distribution by number of classes taught for credit (percent)</b>										
Faculty/staff with undergraduate classes only, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)
1 .....	49.2 (0.90)	53.1 (3.85)	62.3 (5.20)	58.8 (4.27)	45.4 (4.58)	48.4 (2.43)	54.1 (2.78)	53.7 (3.42)	47.9 (1.20)	43.2 (3.57)
2 .....	29.7 (0.86)	31.2 (3.04)	28.5 (5.51)	26.9 (3.12)	39.8 (4.33)	33.1 (2.35)	29.2 (2.27)	25.0 (2.20)	29.3 (1.24)	29.7 (2.70)
3 .....	12.5 (0.47)	9.4 (1.83)	6.9 ! (2.33)	11.5 (2.36)	13.1 (3.15)	10.8 (1.26)	9.4 (1.35)	10.2 (1.62)	13.9 (0.84)	13.7 (1.71)
4 .....	5.3 (0.41)	4.6 ! (1.41)	‡ (†)	‡ (†)	‡ (†)	4.0 (1.06)	5.4 (1.08)	5.6 ! (1.95)	5.9 (0.65)	6.9 (1.73)
5 or more .....	3.3 (0.32)	‡ (†)	‡ (†)	2.6 ! (1.27)	‡ (†)	3.7 (0.95)	1.8 ! (0.77)	5.5 ! (1.69)	3.1 (0.44)	6.5 (1.87)
Faculty/staff with graduate classes only, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	‡ (†)	100.0 (†)
1 .....	72.6 (1.73)	71.7 (5.24)	81.7 (4.89)	81.8 (4.93)	72.2 (5.28)	74.8 (5.62)	62.2 (3.67)	69.9 (6.67)	‡ (†)	75.6 (5.21)
2 .....	16.6 (1.30)	20.6 (4.61)	7.4 ! (3.23)	10.8 ! (4.07)	16.2 (4.50)	12.9 ! (4.45)	23.3 (2.37)	18.8 ! (5.77)	‡ (†)	16.4 (3.91)
3 .....	5.3 (0.93)	‡ (†)	5.7 ! (2.74)	‡ (†)	‡ (†)	‡ (†)	7.6 ! (2.41)	‡ (†)	‡ (†)	‡ (†)
4 .....	3.1 (0.81)	‡ (†)	‡ (†)	‡ (†)	4.0 ! (1.41)	‡ (†)	3.9 ! (1.32)	‡ (†)	‡ (†)	‡ (†)
5 or more .....	2.4 (0.53)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	2.9 ! (1.38)	‡ (†)	‡ (†)	3.0 ! (1.45)
Faculty/staff with both undergraduate and graduate classes, by total for-credit courses .....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	‡ (†)	100.0 (†)
1 .....	46.5 (2.05)	51.3 (5.19)	46.4 (10.59)	59.3 (5.24)	63.7 (8.93)	38.0 (6.03)	38.9 (4.23)	44.1 (8.69)	‡ (†)	47.4 (6.18)
2 .....	28.7 (1.96)	29.6 (4.47)	36.3 (8.39)	18.5 ! (6.24)	18.1 ! (5.75)	30.7 (3.91)	32.7 (5.11)	35.1 (9.57)	‡ (†)	23.9 (5.54)
3 .....	13.5 (1.79)	11.3 (3.25)	‡ (†)	16.9 ! (6.27)	‡ (†)	17.8 (4.04)	16.6 (3.72)	12.3 ! (4.69)	‡ (†)	‡ (†)
4 .....	5.9 (1.19)	3.3 ! (1.63)	‡ (†)	‡ (†)	‡ (†)	7.9 ! (3.54)	‡ (†)	5.8 ! (2.25)	‡ (†)	10.0 ! (4.03)
5 or more .....	5.4 (1.18)	4.4 ! (2.08)	‡ (†)	‡ (†)	‡ (†)	5.7 ! (2.75)	6.4 ! (2.36)	‡ (†)	‡ (†)	9.2 ! (4.56)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Distribution by student classroom contact hours per week is based on the number of contact hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2004 National Study of Postsecondary Faculty (NSOPF:04). (This table was prepared December 2008.)





**Table 295. Full-time and part-time faculty and instructional staff in degree-granting institutions, by race/ethnicity, sex, and selected characteristics: Fall 2003**  
[Standard errors appear in parentheses]

Selected characteristic	Number (in thousands)	Percent	White		Black		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Full-time faculty and instructional staff</b>												
Number (in thousands) .....	681.8 (0.05)	†	338.4 (2.63)	209.3 (2.45)	19.5 (1.03)	18.5 (0.87)	13.4 (0.60)	10.4 (0.56)	43.2 (1.00)	19.0 (1.03)	5.8 (0.57)	4.2 (0.50)
Percentage distribution.....	† (†)	100.0	49.6 (0.39)	30.7 (0.36)	2.9 (0.15)	2.7 (0.13)	2.0 (0.09)	1.5 (0.08)	6.3 (0.15)	2.8 (0.15)	0.8 (0.08)	0.6 (0.07)
<b>Type and control</b>												
Public research .....	162.1 (0.85)	100.0	55.4 (0.67)	23.6 (0.59)	2.1 (0.27)	1.7 (0.19)	1.8 (0.16)	1.1 (0.15)	10.0 (0.47)	3.2 (0.35)	0.6 (0.14)	0.6 (0.11)
Private research .....	63.5 (1.58)	100.0	54.7 (1.00)	22.9 (0.80)	2.2 (0.30)	2.7 (0.37)	2.1 (0.30)	1.4 (0.31)	8.9 (0.66)	3.9 (0.48)	0.8 ! (0.39)	† (†)
Public doctoral .....	51.3 (0.76)	100.0	50.2 (1.48)	31.1 (1.22)	2.1 (0.44)	2.0 (0.30)	1.6 (0.20)	1.3 (0.27)	7.9 (1.27)	2.2 (0.56)	1.0 ! (0.32)	0.6 ! (0.22)
Private doctoral .....	21.7 (0.79)	100.0	56.0 (2.39)	26.7 (1.94)	3.0 (0.70)	2.1 (0.42)	1.4 ! (0.49)	0.8 ! (0.38)	5.8 (1.06)	3.5 (0.93)	† (†)	† (†)
Public comprehensive .....	107.3 (2.98)	100.0	45.9 (1.03)	32.1 (0.98)	4.7 (0.64)	4.0 (0.42)	2.1 (0.20)	1.6 (0.19)	5.3 (0.40)	2.6 (0.28)	0.8 (0.23)	1.0 ! (0.33)
Private comprehensive .....	41.4 (1.59)	100.0	48.9 (2.00)	36.7 (1.93)	2.3 (0.53)	2.4 (0.44)	1.6 (0.31)	0.8 (0.22)	4.1 (0.65)	1.9 (0.53)	0.6 ! (0.26)	† (†)
Private liberal arts .....	49.6 (1.80)	100.0	51.9 (1.20)	34.1 (0.99)	3.5 (0.56)	2.8 (0.36)	1.0 (0.20)	1.3 (0.27)	2.2 (0.28)	1.5 (0.29)	1.0 (0.24)	0.6 ! (0.18)
Public 2-year .....	114.6 (1.09)	100.0	40.8 (1.19)	40.1 (0.90)	3.1 (0.29)	3.8 (0.34)	3.0 (0.38)	2.7 (0.34)	2.2 (0.27)	2.1 (0.39)	1.3 (0.30)	0.8 (0.19)
Other .....	70.2 (3.36)	100.0	48.3 (1.65)	31.5 (1.20)	2.4 (0.59)	2.3 (0.59)	1.7 (0.36)	1.5 (0.29)	7.2 (0.87)	4.1 (0.78)	0.7 ! (0.34)	0.3 ! (0.14)
<b>Academic rank</b>												
Professor .....	194.4 (3.67)	100.0	65.5 (0.74)	20.3 (0.61)	2.6 (0.27)	1.1 (0.21)	1.8 (0.13)	0.8 (0.13)	5.7 (0.42)	1.1 (0.21)	0.8 (0.14)	0.4 (0.12)
Associate professor .....	149.6 (2.56)	100.0	51.6 (0.98)	28.4 (0.78)	3.1 (0.42)	2.4 (0.26)	1.7 (0.19)	1.3 (0.15)	7.0 (0.52)	2.9 (0.36)	1.0 (0.21)	0.5 (0.11)
Assistant professor .....	158.1 (2.81)	100.0	41.0 (0.83)	33.6 (0.81)	3.1 (0.37)	3.8 (0.38)	2.3 (0.22)	1.9 (0.15)	8.7 (0.49)	4.3 (0.35)	0.7 (0.16)	0.6 (0.15)
Instructor .....	82.7 (2.85)	100.0	38.2 (1.23)	41.2 (1.09)	3.2 (0.56)	4.4 (0.57)	2.5 (0.37)	2.3 (0.31)	3.1 (0.44)	3.1 (0.48)	0.9 (0.26)	1.1 (0.31)
Lecturer .....	21.9 (1.48)	100.0	36.7 (2.59)	43.9 (2.21)	2.9 ! (0.91)	3.0 ! (0.91)	1.3 ! (0.38)	3.8 (0.77)	2.4 ! (0.89)	4.0 (0.99)	1.3 ! (0.52)	0.7 ! (0.30)
Other .....	56.5 (2.15)	100.0	38.8 (1.51)	39.8 (1.37)	2.5 (0.54)	3.9 (0.56)	1.7 (0.22)	2.2 (0.35)	7.0 (0.98)	2.8 (0.56)	0.8 ! (0.39)	0.6 ! (0.18)
No rank .....	18.6 (1.28)	100.0	40.2 (2.37)	43.0 (2.45)	1.5 ! (0.52)	2.0 ! (0.83)	2.3 ! (0.75)	0.7 ! (0.24)	4.5 (1.17)	3.8 ! (1.39)	† (†)	† (†)
<b>Age</b>												
Under 35 .....	59.1 (1.77)	100.0	39.4 (1.31)	33.4 (1.36)	2.9 (0.53)	4.7 (0.62)	2.5 (0.40)	2.8 (0.41)	8.9 (0.85)	4.2 (0.70)	0.6 ! (0.25)	0.5 ! (0.17)
35 to 44 .....	169.8 (2.78)	100.0	43.7 (0.96)	30.2 (0.82)	2.7 (0.31)	3.4 (0.36)	2.8 (0.25)	1.8 (0.18)	9.3 (0.45)	5.0 (0.44)	0.8 (0.17)	0.5 (0.16)
45 to 54 .....	219.7 (3.28)	100.0	47.0 (0.86)	34.4 (0.79)	3.1 (0.28)	2.6 (0.22)	1.8 (0.17)	1.6 (0.18)	5.7 (0.32)	2.2 (0.25)	1.0 (0.16)	0.6 (0.12)
55 to 64 .....	190.0 (3.10)	100.0	57.1 (0.74)	28.7 (0.59)	2.8 (0.26)	1.9 (0.17)	1.4 (0.12)	1.1 (0.13)	4.1 (0.36)	1.4 (0.24)	0.9 (0.17)	0.7 (0.12)
65 to 69 .....	31.8 (1.43)	100.0	67.6 (2.05)	20.2 (1.82)	1.7 (0.50)	2.0 ! (0.61)	1.6 (0.44)	0.4 ! (0.19)	4.5 (0.94)	1.1 ! (0.42)	† (†)	† (†)
70 or older .....	11.5 (0.67)	100.0	69.0 (3.16)	15.7 (2.71)	5.4 (1.54)	† (†)	† (†)	† (†)	3.8 ! (1.40)	† (†)	† (†)	† (†)
<b>Base salary</b>												
Under \$10,000 .....	4.4 (0.49)	100.0	39.7 (5.71)	34.2 (5.09)	5.8 (0.92)	† (†)	† (†)	4.4 ! (1.96)	7.8 ! (3.27)	† (†)	† (†)	† (†)
\$10,000 to 24,999 .....	19.0 (1.03)	100.0	43.2 (2.61)	34.8 (2.40)	1.3 (0.37)	3.2 (0.89)	2.1 (0.61)	2.4 (0.60)	6.5 (1.23)	4.6 (0.93)	† (†)	1.1 ! (0.48)
\$25,000 to 39,999 .....	79.7 (2.90)	100.0	36.0 (1.21)	44.5 (1.25)	2.9 (0.55)	3.7 (0.46)	1.8 (0.29)	2.1 (0.28)	3.8 (0.68)	3.6 (0.48)	0.7 ! (0.26)	0.8 (0.23)
\$40,000 to 54,999 .....	192.4 (3.09)	100.0	42.2 (0.95)	38.2 (0.79)	2.7 (0.27)	3.7 (0.37)	1.9 (0.18)	1.8 (0.14)	5.0 (0.43)	2.6 (0.27)	1.0 (0.15)	0.9 (0.14)
\$55,000 to 69,999 .....	147.7 (3.54)	100.0	48.7 (0.88)	31.9 (0.80)	3.1 (0.35)	2.5 (0.28)	2.0 (0.25)	1.6 (0.21)	6.0 (0.43)	2.6 (0.31)	1.0 (0.23)	0.6 (0.15)
\$70,000 to 84,999 .....	94.8 (2.19)	100.0	55.8 (1.29)	24.2 (1.14)	2.9 (0.39)	1.7 (0.40)	2.4 (0.34)	1.0 (0.20)	8.1 (0.67)	2.6 (0.41)	0.9 (0.23)	0.5 ! (0.19)
\$85,000 to 99,999 .....	50.7 (1.98)	100.0	61.9 (1.58)	18.5 (1.03)	3.8 (0.69)	1.5 (0.38)	1.5 (0.41)	1.0 (0.28)	8.3 (1.06)	2.5 (0.57)	0.8 ! (0.24)	† (†)
\$100,000 or more .....	93.1 (2.29)	100.0	66.9 (0.99)	13.7 (0.74)	2.4 (0.38)	1.6 (0.33)	2.1 (0.29)	0.8 (0.17)	9.0 (0.80)	2.8 (0.50)	0.6 ! (0.20)	† (†)
<b>Total household income</b>												
Under \$10,000 .....	† (†)	100.0	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
\$10,000 to 24,999 .....	3.0 (0.33)	100.0	42.0 (6.54)	29.3 (6.12)	1.4 ! (1.13)	† (†)	† (†)	† (†)	9.8 ! (3.74)	8.7 ! (3.59)	† (†)	† (†)
\$25,000 to 39,999 .....	20.1 (1.13)	100.0	36.5 (2.68)	39.0 (2.28)	3.3 ! (1.56)	4.5 (0.97)	1.5 (0.43)	2.5 (0.62)	7.3 (1.56)	3.8 (0.95)	† (†)	0.9 ! (0.29)
\$40,000 to 54,999 .....	55.0 (1.76)	100.0	39.8 (1.66)	38.4 (1.42)	2.9 (0.59)	4.2 (0.59)	2.5 (0.35)	1.9 (0.29)	6.2 (0.80)	2.5 (0.51)	0.4 ! (0.18)	1.2 (0.31)
\$55,000 to 69,999 .....	86.2 (1.56)	100.0	43.1 (1.23)	34.2 (1.21)	4.1 (0.50)	4.4 (0.42)	2.1 (0.29)	1.9 (0.29)	5.6 (0.56)	2.5 (0.37)	1.1 (0.26)	1.0 (0.29)
\$70,000 to 84,999 .....	75.2 (2.19)	100.0	50.6 (1.20)	31.2 (1.11)	2.4 (0.40)	2.8 (0.45)	1.9 (0.26)	1.3 (0.17)	6.3 (0.59)	2.1 (0.40)	0.9 ! (0.30)	0.5 ! (0.17)
\$85,000 to 99,999 .....	95.0 (2.16)	100.0	46.7 (1.15)	32.5 (0.83)	2.8 (0.39)	3.0 (0.58)	2.7 (0.32)	1.6 (0.24)	7.0 (0.81)	2.5 (0.50)	0.6 ! (0.18)	0.5 (0.14)
\$100,000 or more .....	347.3 (3.57)	100.0	50.9 (0.52)	27.5 (0.52)	2.6 (0.18)	1.9 (0.16)	1.7 (0.14)	1.3 (0.11)	6.3 (0.29)	3.0 (0.24)	0.9 (0.11)	0.4 (0.07)

See notes at end of table.

**Table 295. Full-time and part-time faculty and instructional staff in degree-granting institutions, by race/ethnicity, sex, and selected characteristics: Fall 2003—Continued**  
 [Standard errors appear in parentheses]

	Number		Percent	White		Black		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native											
Selected characteristic	(in thousands)			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female										
1	2		3	4		5		6		7		8		9		10		11		12		13	
Part-time faculty and instructional staff																							
Number (in thousands) .....	530.0	(0.02)	†	235.5	(2.44)	216.1	(2.87)	13.8	(0.91)	15.9	(0.75)	10.2	(0.61)	8.5	(0.56)	10.9	(0.82)	9.4	(0.97)	5.5	(0.78)	4.2	(0.77)
Percentage distribution.....	‡	(†)	100.0	44.4	(0.46)	40.8	(0.54)	2.6	(0.17)	3.0	(0.14)	1.9	(0.12)	1.6	(0.10)	2.1	(0.15)	1.8	(0.18)	1.0	(0.15)	0.8	(0.15)
Type and control																							
Public research .....	39.7	(0.78)	100.0	41.7	(1.93)	40.7	(2.12)	1.1 !	(0.37)	1.6 !	(0.60)	1.5	(0.40)	1.7	(0.43)	4.5	(1.03)	5.4	(0.90)	1.6 !	(0.67)	‡	(†)
Private research .....	23.2	(0.96)	100.0	51.1	(2.51)	34.7	(2.29)	2.7 !	(1.00)	1.4 !	(0.57)	1.5 !	(0.62)	‡	(†)	3.6	(1.07)	2.8	(0.77)	‡	(†)	‡	(†)
Public doctoral .....	20.8	(0.82)	100.0	44.3	(2.27)	43.6	(2.39)	‡	(†)	1.0 !	(0.47)	1.9 !	(0.68)	2.2	(0.61)	2.6 !	(0.86)	1.9 !	(0.83)	‡	(†)	‡	(†)
Private doctoral .....	15.4	(0.83)	100.0	51.7	(3.99)	37.3	(3.60)	1.7 !	(0.77)	1.1 !	(0.55)	1.6 !	(0.64)	1.2 !	(0.36)	3.4 !	(1.06)	‡	(†)	‡	(†)	‡	(†)
Public comprehensive .....	60.3	(2.49)	100.0	43.1	(1.34)	44.1	(2.18)	2.3 !	(0.74)	2.4 !	(0.79)	1.6	(0.31)	1.5	(0.32)	2.0	(0.38)	1.3 !	(0.43)	1.0 !	(0.43)	‡	(†)
Private comprehensive .....	53.5	(2.17)	100.0	49.1	(1.43)	41.9	(1.56)	1.7	(0.34)	1.1	(0.21)	1.0	(0.19)	1.4	(0.26)	1.1 !	(0.54)	0.8 !	(0.35)	1.0 !	(0.30)	0.9 !	(0.32)
Private liberal arts .....	28.4	(2.19)	100.0	44.2	(1.98)	42.0	(2.14)	2.5 !	(0.85)	5.6	(1.24)	1.1 !	(0.42)	1.0 !	(0.35)	1.7 !	(0.61)	1.1 !	(0.49)	0.9 !	(0.35)	‡	(†)
Public 2-year .....	230.1	(2.00)	100.0	42.8	(0.70)	41.0	(0.67)	2.9	(0.22)	4.0	(0.18)	2.4	(0.20)	2.0	(0.19)	1.5	(0.18)	1.4	(0.19)	1.1	(0.23)	1.0	(0.25)
Other .....	58.7	(3.38)	100.0	45.7	(1.83)	37.3	(2.14)	4.2	(0.79)	3.0	(0.74)	2.2	(0.53)	0.8	(0.22)	2.4 !	(0.75)	2.4 !	(0.92)	1.0 !	(0.40)	1.1 !	(0.50)
Academic rank																							
Professor .....	23.3	(1.58)	100.0	59.3	(2.83)	25.0	(2.60)	4.0	(1.17)	2.6 !	(0.84)	‡	(†)	1.0 !	(0.41)	3.6	(0.96)	‡	(†)	‡	(†)	‡	(†)
Associate professor .....	14.6	(1.18)	100.0	43.7	(4.03)	39.5	(3.88)	2.8 !	(0.84)	‡	(†)	‡	(†)	1.4 !	(0.49)	6.3 !	(2.27)	‡	(†)	‡	(†)	‡	(†)
Assistant professor .....	19.8	(1.53)	100.0	38.8	(3.39)	42.7	(3.37)	2.8 !	(1.19)	‡	(†)	‡	(†)	1.0 !	(0.42)	4.8 !	(1.65)	6.0	(1.62)	‡	(†)	‡	(†)
Instructor .....	187.7	(4.42)	100.0	41.5	(1.09)	43.9	(1.11)	2.5	(0.30)	3.4	(0.25)	2.2	(0.24)	1.7	(0.22)	1.6	(0.25)	1.6	(0.28)	1.1	(0.26)	0.6	(0.18)
Lecturer .....	40.9	(2.15)	100.0	41.4	(2.05)	40.1	(1.96)	2.7	(0.63)	2.1 !	(0.77)	2.1	(0.45)	1.7	(0.42)	3.7	(0.80)	4.2	(0.93)	1.6 !	(0.56)	‡	(†)
Other .....	230.9	(4.51)	100.0	46.5	(1.01)	39.9	(1.04)	2.5	(0.29)	3.1	(0.28)	1.8	(0.23)	1.5	(0.17)	1.5	(0.22)	1.3	(0.31)	0.9	(0.22)	1.0	(0.22)
No rank .....	12.8	(1.07)	100.0	43.8	(3.52)	39.8	(4.63)	‡	(†)	0.9 !	(0.43)	2.8 !	(1.31)	3.5 !	(1.34)	2.0 !	(0.94)	‡	(†)	‡	(†)	‡	(†)
Age																							
Under 35 .....	66.2	(2.30)	100.0	35.3	(1.73)	43.1	(2.04)	3.2	(0.63)	4.3	(0.53)	3.0	(0.49)	3.0	(0.35)	2.4	(0.52)	3.6	(0.93)	1.6 !	(0.68)	‡	(†)
35 to 44 .....	115.6	(3.03)	100.0	40.7	(1.42)	41.5	(1.41)	2.6	(0.39)	3.0	(0.33)	2.5	(0.30)	2.4	(0.32)	2.6	(0.37)	2.9	(0.45)	0.7 !	(0.24)	1.2	(0.30)
45 to 54 .....	159.3	(3.22)	100.0	41.7	(1.13)	44.0	(1.17)	2.9	(0.34)	3.2	(0.33)	1.6	(0.24)	1.5	(0.19)	2.1	(0.35)	1.3	(0.26)	0.9	(0.24)	0.8 !	(0.27)
55 to 64 .....	128.6	(3.31)	100.0	48.2	(1.09)	40.4	(1.06)	2.1	(0.35)	2.8	(0.35)	1.3	(0.30)	0.6	(0.10)	1.6	(0.32)	0.9	(0.23)	1.1 !	(0.34)	1.0	(0.26)
65 to 69 .....	33.5	(1.81)	100.0	62.8	(3.10)	27.6	(2.83)	2.3 !	(0.81)	0.9 !	(0.32)	1.6 !	(0.54)	1.3 !	(0.55)	1.3 !	(0.52)	‡	(†)	1.5 !	(0.63)	‡	(†)
70 or older .....	26.8	(1.83)	100.0	58.3	(2.99)	30.7	(3.32)	2.4 !	(0.79)	1.6 !	(0.70)	2.5 !	(0.87)	‡	(†)	2.1 !	(0.65)	‡	(†)	‡	(†)	‡	(†)
Base salary																							
Under \$10,000 .....	340.5	(3.17)	100.0	45.4	(0.68)	39.9	(0.77)	2.6	(0.23)	3.5	(0.23)	1.9	(0.17)	1.6	(0.12)	1.6	(0.17)	1.4	(0.26)	1.1	(0.20)	1.0	(0.20)
\$10,000 to 24,999 .....	140.8	(3.17)	100.0	41.3	(1.36)	43.6	(1.50)	2.8	(0.38)	2.3	(0.25)	2.1	(0.26)	1.8	(0.24)	2.3	(0.40)	2.4	(0.40)	0.9	(0.25)	0.5 !	(0.18)
\$25,000 to 39,999 .....	27.5	(1.72)	100.0	47.3	(3.06)	38.8	(2.72)	3.3	(0.83)	‡	(†)	1.2 !	(0.58)	1.6 !	(0.55)	3.2 !	(1.02)	1.9 !	(0.61)	‡	(†)	‡	(†)
\$40,000 to 54,999 .....	9.6	(0.74)	100.0	48.2	(4.55)	34.0	(4.33)	‡	(†)	1.4 !	(0.68)	3.2 !	(1.19)	‡	(†)	6.2 !	(2.60)	3.8 !	(1.70)	‡	(†)	‡	(†)
\$55,000 to 69,999 .....	4.7	(0.78)	100.0	45.5	(6.46)	40.4	(6.35)	‡	(†)	‡	(†)	‡	(†)	2.2 !	(1.08)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
\$70,000 to 84,999 .....	1.9	(0.35)	100.0	39.0	(11.51)	43.0	(10.25)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
\$85,000 to 99,999 .....	1.5	(0.39)	100.0	33.4 !	(13.01)	51.7	(13.73)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
\$100,000 or more .....	3.5	(0.53)	100.0	47.4	(7.01)	37.1	(5.35)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	10.8 !	(5.15)	‡	(†)	‡	(†)	‡	(†)
Total household income																							
Under \$10,000 .....	1.3	(0.37)	100.0	‡	(†)	46.4 !	(14.12)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)
\$10,000 to 24,999 .....	28.5	(1.93)	100.0	36.5	(3.33)	42.5	(3.42)	2.0 !	(0.71)	4.0	(0.80)	1.7 !	(0.53)	2.4	(0.55)	1.6 !	(0.76)	3.5 !	(1.71)	3.7 !	(1.34)	2.2 !	(1.01)
\$25,000 to 39,999 .....	47.7	(1.92)	100.0	35.5	(2.27)	46.5	(2.32)	3.4	(0.58)	3.9	(0.66)	2.2	(0.44)	1.8	(0.47)	1.7 !	(0.55)	2.9 !	(0.92)	1.1 !	(0.46)	1.0 !	(0.43)
\$40,000 to 54,999 .....	55.7	(2.52)	100.0	38.1	(2.05)	46.2	(2.35)	3.2	(0.71)	3.4	(0.52)	3.1	(0.67)	2.5	(0.60)	1.1 !	(0.40)	1.1 !	(0.35)	‡	(†)	0.5 !	(0.21)
\$55,000 to 69,999 .....	87.2	(2.95)	100.0	41.1	(1.50)	43.0	(1.48)	1.9	(0.38)	4.1	(0.38)	1.7	(0.37)	2.5	(0.35)	2.1	(0.42)	1.6	(0.45)	0.8 !	(0.27)	1.0 !	(0.37)
\$70,000 to 84,999 .....	58.1	(2.66)	100.0	44.7	(2.15)	41.2	(2.38)	2.3	(0.44)	2.3	(0.57)	2.3	(0.41)	1.3	(0.34)	1.4	(0.41)	2.0	(0.58)	1.1 !	(0.41)	1.1 !	(0.37)
\$85,000 to 99,999 .....	66.4	(2.39)	100.0	48.6	(1.85)	38.4	(1.81)	2.4	(0.59)	3.1	(0.52)	1.8	(0.37)	1.2	(0.34)	1.9	(0.49)	1.3 !	(0.41)	0.6 !	(0.29)	0.7 !	(0.25)
\$100,000 or more .....	185.1	(3.59)	100.0	34.9	(0.68)	37.0	(0.91)	2.8	(0.32)	2.1	(0.26)	1.5	(0.21)	1.0	(0.17)	2.8	(0.34)	1.6	(0.25)	0.8	(0.22)	0.4 !	(0.17)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003 National Study of Postsecondary Faculty (NSOPF:04). (This table was prepared January 2009.)

**Table 296. Full-time and part-time faculty and instructional staff in degree-granting institutions, by field and faculty characteristics: Fall 1992, fall 1998, and fall 2003**  
[Standard errors appear in parentheses]

Selected faculty and instructional staff characteristic	Number (in thousands)				Fall 2003												
	Fall 1992	Fall 1998	Fall 2003		All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities <sup>1</sup>	Natural sciences <sup>2</sup>	Social sciences <sup>3</sup>	Other <sup>4</sup>		
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15		
<b>Full-time faculty and instructional staff</b>																	
Number (in thousands) ...	528	560	682	(#)	681.8 (0.05)	16.9 (0.80)	43.2 (1.40)	50.9 (1.89)	33.4 (1.32)	43.3 (1.68)	93.9 (2.67)	58.8 (1.82)	127.2 (2.19)	88.7 (2.07)	125.5 (2.36)		
Percentage distribution....	†	†	†	(†)	100.0 (†)	2.5 (0.12)	6.3 (0.21)	7.5 (0.28)	4.9 (0.19)	6.3 (0.25)	13.8 (0.39)	8.6 (0.27)	18.7 (0.32)	13.0 (0.30)	18.4 (0.35)		
Percentage distribution of full-time faculty and instructional staff																	
<b>Total.....</b>	<b>528</b>	<b>560</b>	<b>682</b>	<b>(#)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
Sex																	
Male.....	353	357	420	(—)	61.7 (0.35)	64.6 (2.88)	68.5 (1.61)	39.3 (1.57)	91.5 (1.06)	61.9 (1.38)	46.7 (1.32)	45.3 (1.47)	74.5 (0.88)	64.3 (1.13)	64.0 (0.94)		
Female.....	176	203	261	(—)	38.3 (0.35)	35.4 (2.88)	31.5 (1.61)	60.7 (1.57)	8.5 (1.06)	38.1 (1.38)	53.3 (1.32)	54.7 (1.47)	25.5 (0.88)	35.7 (1.13)	36.0 (0.94)		
Race/ethnicity																	
White.....	457	477	548	(—)	80.3 (0.27)	87.8 (1.61)	79.5 (1.51)	80.5 (1.26)	70.9 (1.85)	86.4 (1.24)	79.7 (0.84)	80.7 (1.31)	77.8 (0.75)	81.4 (1.09)	82.0 (0.69)		
Black.....	27	28	38	(—)	5.6 (0.17)	2.3 ! (0.76)	4.5 (0.79)	7.8 (1.01)	5.4 (0.99)	6.0 (0.88)	5.0 (0.50)	5.6 (0.58)	4.1 (0.48)	7.3 (0.72)	6.1 (0.44)		
Hispanic.....	14	19	24	(—)	3.5 (0.10)	2.5 ! (0.76)	2.3 (0.51)	4.7 (0.63)	2.6 (0.47)	3.3 (0.75)	3.0 (0.32)	6.7 (0.53)	2.9 (0.30)	4.0 (0.47)	2.9 (0.33)		
Asian/Pacific Islander.....	28	33	62	(—)	9.1 (0.16)	6.4 (1.34)	12.2 (1.22)	4.8 (0.70)	20.1 (1.64)	2.9 (0.74)	10.7 (0.79)	5.2 (0.94)	14.3 (0.69)	5.9 (0.71)	7.1 (0.49)		
American Indian/Alaska Native.....	3	4	10	(—)	1.5 (0.11)	1.0 ! (0.49)	1.6 (0.37)	2.2 (0.40)	‡ (†)	1.4 (0.38)	1.6 (0.33)	1.8 (0.35)	0.8 (0.17)	1.4 (0.22)	1.8 (0.32)		
Age																	
Under 30.....	8	9	12	(—)	1.7 (0.13)	2.0 ! (0.67)	0.7 ! (0.31)	2.6 (0.78)	1.6 ! (0.48)	1.6 (0.45)	1.1 (0.26)	1.8 (0.33)	1.3 (0.21)	1.8 (0.35)	2.7 (0.41)		
30 to 34.....	35	32	47	(—)	6.9 (0.21)	5.6 (1.27)	4.0 (0.71)	6.8 (0.83)	7.0 (0.99)	6.2 (0.84)	6.3 (0.60)	8.2 (0.74)	6.8 (0.41)	7.6 (0.47)	7.9 (0.52)		
35 to 39.....	67	60	77	(—)	11.3 (0.29)	7.5 (1.19)	11.0 (1.15)	7.6 (0.95)	11.3 (1.18)	10.5 (1.20)	13.1 (0.88)	10.9 (0.88)	12.0 (0.65)	12.7 (0.92)	10.9 (0.74)		
40 to 44.....	90	82	93	(—)	13.6 (0.31)	13.3 (1.63)	11.8 (1.43)	9.9 (1.03)	15.0 (1.21)	12.3 (1.75)	15.0 (0.91)	13.6 (1.15)	15.4 (0.79)	13.7 (0.79)	12.8 (0.69)		
45 to 49.....	98	97	105	(—)	15.4 (0.32)	15.4 (1.84)	17.9 (1.51)	12.7 (1.04)	17.1 (1.70)	18.0 (1.42)	17.3 (0.95)	14.8 (1.24)	15.5 (0.86)	12.9 (0.79)	15.0 (0.66)		
50 to 54.....	95	105	114	(—)	16.8 (0.34)	25.3 (2.31)	19.0 (1.30)	17.6 (1.27)	15.2 (1.61)	18.5 (1.38)	19.9 (1.03)	14.1 (1.04)	14.8 (0.64)	14.2 (0.89)	17.1 (0.93)		
55 to 59.....	67	90	112	(—)	16.4 (0.37)	16.8 (1.83)	18.8 (1.32)	21.9 (1.43)	15.1 (2.32)	16.8 (1.58)	15.4 (0.80)	16.6 (1.07)	13.3 (0.75)	16.2 (0.85)	17.3 (0.73)		
60 to 64.....	45	55	78	(—)	11.5 (0.31)	10.4 (1.61)	10.9 (1.11)	13.7 (1.27)	10.3 (1.33)	11.4 (1.12)	7.8 (0.62)	12.9 (1.07)	12.5 (0.64)	14.0 (0.76)	10.6 (0.61)		
65 or older.....	24	31	43	(—)	6.3 (0.23)	3.7 ! (1.20)	5.9 (0.74)	7.2 (0.74)	7.5 (1.09)	4.7 (0.82)	4.1 (0.51)	7.0 (0.81)	8.5 (0.54)	6.8 (0.59)	5.6 (0.53)		
Highest degree																	
Less than bachelor's.....	6	7	10	(—)	1.5 (0.12)	‡ (†)	‡ (†)	1.7 ! (0.74)	2.6 (0.77)	1.4 ! (0.46)	1.7 (0.31)	‡ (†)	‡ (†)	‡ (†)	4.4 (0.54)		
Bachelor's.....	21	23	29	(—)	4.3 (0.24)	6.4 (1.71)	4.0 (0.80)	4.0 (0.64)	6.5 (1.22)	9.1 (1.10)	5.5 (0.69)	1.1 (0.31)	1.4 (0.23)	1.0 (0.26)	7.9 (0.67)		
Master's.....	156	156	180	(—)	26.4 (0.39)	29.2 (2.18)	31.8 (1.69)	35.5 (1.37)	13.2 (1.64)	53.9 (1.82)	22.9 (1.16)	35.1 (1.42)	14.9 (0.72)	12.5 (0.72)	34.4 (1.24)		
First-professional.....	58	52	56	(—)	8.2 (0.30)	‡ (†)	2.1 (0.45)	1.1 ! (0.35)	‡ (†)	1.1 ! (0.41)	41.1 (1.32)	0.4 ! (0.18)	3.0 (0.35)	0.5 ! (0.19)	8.7 (0.76)		
Doctor's.....	284	324	407	(—)	59.6 (0.48)	63.0 (2.74)	61.9 (1.73)	57.7 (1.53)	77.1 (2.08)	34.6 (1.96)	28.9 (1.06)	63.2 (1.43)	80.6 (0.67)	86.0 (0.74)	44.6 (1.23)		
Academic rank																	
Professor.....	161	172	194	(3.67)	28.5 (0.54)	33.0 (2.71)	29.1 (1.66)	21.9 (1.41)	37.6 (1.69)	28.4 (1.85)	20.1 (0.93)	26.2 (1.46)	35.5 (0.87)	35.4 (1.20)	23.5 (1.09)		
Associate professor.....	124	132	150	(2.56)	21.9 (0.37)	21.0 (2.55)	22.6 (1.32)	17.6 (1.07)	25.3 (1.77)	23.7 (1.64)	23.5 (0.96)	20.0 (1.27)	23.4 (0.93)	22.8 (0.97)	19.9 (1.08)		
Assistant professor.....	124	125	158	(2.81)	23.2 (0.41)	19.2 (1.79)	23.4 (1.51)	23.8 (1.56)	19.6 (1.67)	23.2 (1.75)	32.2 (1.12)	21.7 (1.30)	21.1 (0.82)	24.8 (1.22)	19.2 (0.73)		
Instructor.....	74	75	83	(2.85)	12.1 (0.42)	9.9 (1.60)	13.4 (1.37)	12.6 (1.18)	9.1 (1.39)	9.7 (1.01)	15.3 (0.90)	14.9 (1.17)	7.7 (0.56)	5.7 (0.53)	18.7 (1.02)		
Lecturer.....	12	14	22	(1.48)	3.2 (0.22)	3.4 ! (1.50)	3.6 (0.68)	3.0 (0.60)	2.0 (0.52)	4.3 (0.64)	1.9 (0.37)	7.9 (0.78)	2.1 (0.25)	2.3 (0.42)	3.6 (0.57)		
Other.....	17	26	57	(2.15)	8.3 (0.32)	11.8 (2.16)	4.9 (0.64)	18.2 (1.57)	5.4 (0.82)	7.1 (1.03)	5.5 (0.50)	5.7 (0.69)	6.7 (0.48)	6.4 (0.67)	12.4 (0.76)		
No rank.....	17	16	19	(1.28)	2.7 (0.19)	‡ (†)	3.0 (0.68)	2.9 ! (1.05)	0.9 ! (0.38)	3.6 ! (1.24)	1.5 (0.27)	3.6 (0.67)	3.5 (0.48)	2.6 (0.47)	2.7 (0.36)		

See notes at end of table.



**Table 296. Full-time and part-time faculty and instructional staff in degree-granting institutions, by field and faculty characteristics: Fall 1992, fall 1998, and fall 2003—Continued**  
 [Standard errors appear in parentheses]

Selected faculty and instructional staff characteristic	Number (in thousands)				Fall 2003													
	Fall 1992	Fall 1998	Fall 2003		All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities <sup>1</sup>	Natural sciences <sup>2</sup>	Social sciences <sup>3</sup>	Other <sup>4</sup>			
1	2	3	4		5	6	7	8	9	10	11	12	13	14	15			
<b>Part-time faculty and instructional staff</b>																		
Number (in thousands) ...	377	416	530	(#)	530.0 (0.02)	7.3 (0.97)	44.9 (2.98)	63.5 (2.57)	14.0 (1.49)	47.8 (3.65)	57.8 (3.06)	58.9 (2.05)	63.7 (2.46)	53.0 (2.39)	119.2 (3.48)			
Percentage distribution....	†	†	†	(†)	100.0 (†)	1.4 (0.18)	8.5 (0.56)	12.0 (0.48)	2.7 (0.28)	9.0 (0.69)	10.9 (0.58)	11.1 (0.39)	12.0 (0.46)	10.0 (0.45)	22.5 (0.66)			
Percentage distribution of part-time faculty and instructional staff																		
<b>Total.....</b>	<b>377</b>	<b>416</b>	<b>530</b>	<b>(#)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>	<b>100.0 (†)</b>
<b>Sex</b>																		
Male.....	209	217	276	(—)	52.1 (0.45)	32.0 (6.05)	69.6 (1.89)	29.1 (1.71)	90.8 (2.68)	51.4 (2.26)	34.5 (1.60)	31.6 (1.86)	58.2 (2.22)	60.5 (1.90)	66.2 (1.41)			
Female.....	168	199	254	(—)	47.9 (0.45)	68.0 (6.05)	30.4 (1.89)	70.9 (1.71)	9.2 (2.68)	48.6 (2.26)	65.5 (1.60)	68.4 (1.86)	41.8 (2.22)	39.5 (1.90)	33.8 (1.41)			
<b>Race/ethnicity</b>																		
White.....	333	364	452	(—)	85.2 (0.38)	91.4 (3.66)	86.8 (1.54)	85.1 (1.34)	85.4 (2.89)	88.7 (1.22)	85.0 (1.14)	83.0 (1.14)	83.4 (1.35)	84.2 (1.62)	85.5 (0.80)			
Black.....	18	19	30	(—)	5.6 (0.20)	† (†)	6.7 (0.96)	6.6 (0.98)	† (†)	3.0 (0.70)	5.2 (0.68)	5.0 (0.71)	6.0 (0.66)	5.8 (0.75)	6.5 (0.57)			
Hispanic.....	11	16	19	(—)	3.5 (0.13)	† (†)	2.2 ! (0.79)	5.1 (0.71)	2.6 (0.64)	2.7 (0.52)	2.2 (0.47)	6.5 (0.81)	2.2 (0.40)	3.7 (0.61)	3.6 (0.39)			
Asian/Pacific Islander.....	12	13	20	(—)	3.8 (0.22)	† (†)	3.0 (0.80)	1.6 (0.43)	8.4 (2.11)	2.9 (0.70)	6.5 (1.17)	4.2 (0.71)	7.1 (0.89)	2.7 ! (1.04)	2.5 (0.34)			
American Indian/Alaska Native.....	2	4	10	(—)	1.8 (0.22)	† (†)	1.4 ! (0.54)	1.5 (0.37)	† (†)	2.8 ! (0.84)	1.0 ! (0.35)	1.3 (0.38)	1.4 ! (0.60)	3.6 (0.91)	1.9 (0.36)			
<b>Age</b>																		
Under 30.....	20	15	23	(—)	4.3 (0.30)	6.4 ! (2.51)	2.3 ! (0.70)	2.7 (0.64)	† (†)	4.4 (0.79)	3.7 (0.72)	5.7 (0.95)	7.2 (1.15)	3.5 (0.66)	4.3 (0.60)			
30 to 34.....	36	37	43	(—)	8.2 (0.38)	7.7 ! (2.78)	6.7 (1.28)	7.0 (1.03)	† (†)	9.4 (1.24)	8.9 (1.01)	10.0 (1.01)	7.6 (1.16)	10.6 (1.17)	7.7 (0.62)			
35 to 39.....	59	47	55	(—)	10.3 (0.48)	5.5 ! (1.97)	9.6 (1.49)	8.7 (1.21)	10.7 ! (3.34)	11.7 (1.38)	9.5 (1.34)	8.7 (1.07)	10.2 (1.16)	9.9 (1.27)	12.6 (1.20)			
40 to 44.....	70	60	61	(—)	11.5 (0.44)	6.3 ! (2.79)	10.5 (1.35)	7.9 (0.88)	15.6 (3.25)	12.0 (1.13)	14.9 (1.54)	9.2 (0.91)	10.1 (1.19)	11.2 (1.26)	13.8 (0.96)			
45 to 49.....	68	72	76	(—)	14.4 (0.48)	17.4 ! (5.26)	13.1 (1.45)	11.7 (1.12)	11.4 ! (3.50)	16.4 (1.68)	19.7 (1.56)	14.3 (1.65)	9.5 (1.05)	13.1 (1.24)	16.5 (1.13)			
50 to 54.....	45	70	83	(—)	15.6 (0.42)	16.4 (4.15)	16.3 (1.42)	17.4 (1.41)	22.3 (3.60)	18.4 (1.76)	15.9 (1.55)	14.1 (1.35)	11.9 (1.34)	11.1 (1.29)	17.1 (1.15)			
55 to 59.....	29	47	77	(—)	14.5 (0.48)	17.6 (4.45)	17.9 (2.01)	15.5 (1.58)	11.7 (2.89)	14.6 (1.78)	11.5 (1.27)	13.8 (1.46)	15.6 (1.56)	17.5 (1.88)	12.8 (0.82)			
60 to 64.....	23	29	52	(—)	9.7 (0.50)	18.0 (5.10)	11.5 (1.25)	13.1 (1.26)	6.5 ! (1.96)	5.7 (1.05)	6.7 (1.13)	12.7 (1.42)	12.8 (1.67)	10.9 (1.29)	6.6 (0.76)			
65 or older.....	27	38	60	(—)	11.4 (0.46)	4.7 ! (2.09)	12.2 (1.65)	15.8 (1.26)	17.2 (3.46)	7.4 (1.33)	9.3 (1.22)	11.6 (1.50)	15.0 (1.99)	12.2 (1.48)	8.6 (0.79)			
<b>Highest degree</b>																		
Less than bachelor's.....	17	20	41	(—)	7.8 (0.59)	5.5 ! (2.53)	1.8 ! (0.79)	3.7 (0.96)	17.1 (4.44)	9.1 (1.42)	17.3 (1.86)	† (†)	† (†)	0.5 ! (0.25)	16.2 (1.31)			
Bachelor's.....	63	59	84	(—)	15.8 (0.55)	26.7 (5.80)	13.9 (1.84)	12.0 (1.25)	17.9 (3.50)	28.2 (2.09)	16.2 (1.61)	12.9 (1.65)	16.1 (1.46)	3.2 (0.82)	19.4 (1.11)			
Master's.....	190	225	273	(—)	51.5 (0.80)	50.3 (6.09)	66.5 (2.34)	63.0 (1.84)	32.3 (4.61)	54.7 (2.95)	30.2 (1.86)	70.2 (2.33)	49.0 (1.94)	55.5 (1.83)	41.6 (1.56)			
First-professional.....	40	36	39	(—)	7.3 (0.39)	† (†)	6.3 (1.10)	1.9 (0.45)	† (†)	0.9 ! (0.39)	25.2 (2.12)	2.3 (0.55)	4.3 (0.85)	3.1 (0.62)	11.2 (1.00)			
Doctor's.....	59	76	94	(—)	17.6 (0.60)	15.5 (4.57)	11.5 (1.48)	19.4 (1.61)	31.2 (4.13)	7.1 (1.39)	11.1 (1.28)	13.4 (1.80)	29.7 (1.72)	37.7 (1.90)	11.7 (0.94)			
<b>Academic rank</b>																		
Professor.....	32	30	23	(1.6)	4.4 (0.30)	8.9 ! (4.03)	4.6 (1.06)	3.4 (0.55)	5.9 ! (2.27)	3.9 (1.05)	5.4 (0.84)	3.5 (0.75)	4.8 (0.82)	4.7 (1.01)	4.1 (0.63)			
Associate professor.....	23	19	15	(1.2)	2.8 (0.22)	† (†)	2.3 ! (0.74)	1.9 (0.47)	5.7 ! (2.24)	3.7 (0.92)	5.4 (0.89)	1.6 (0.35)	3.3 (0.63)	2.9 (0.60)	1.6 (0.30)			
Assistant professor.....	24	23	20	(1.5)	3.7 (0.29)	† (†)	1.5 ! (0.55)	2.0 (0.50)	† (†)	3.6 (0.86)	15.1 (1.64)	1.7 ! (0.64)	2.8 (0.66)	3.7 (0.89)	1.7 (0.34)			
Instructor.....	215	205	188	(4.4)	35.4 (0.83)	39.9 (5.70)	29.2 (2.00)	37.0 (2.11)	25.3 (4.10)	33.6 (2.12)	36.5 (2.40)	42.9 (2.29)	32.4 (2.05)	30.4 (1.85)	38.2 (1.54)			
Lecturer.....	45	46	41	(2.1)	7.7 (0.41)	14.8 (4.39)	7.6 (1.52)	6.8 (0.97)	9.3 (2.49)	9.7 (1.16)	4.7 (0.93)	11.2 (1.10)	7.8 (1.02)	9.5 (1.20)	5.8 (0.67)			
Other.....	28	75	231	(4.5)	43.6 (0.85)	30.8 (5.98)	51.8 (2.46)	46.6 (1.78)	49.4 (5.02)	42.4 (3.00)	30.5 (1.88)	37.4 (2.23)	45.8 (2.02)	46.0 (2.22)	46.6 (1.47)			
No rank.....	9	16	13	(1.1)	2.4 (0.20)	† (†)	3.0 (0.75)	2.1 (0.59)	† (†)	3.2 ! (1.10)	2.4 (0.68)	1.7 (0.49)	3.1 (0.79)	2.8 (0.71)	2.1 (0.40)			

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

†Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Excludes history and philosophy.<sup>2</sup>Excludes computer sciences.<sup>3</sup>Includes history.<sup>4</sup>Includes philosophy, law, occupationally specific programs, computer sciences, and other.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of survey item nonresponse and rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1993, 1999, and 2004 National Study of Postsecondary Faculty (NSOPF:93/99/04). (This table was prepared January 2009.)

**Table 297. Full-time and part-time faculty and instructional staff in degree-granting institutions, by race/ethnicity, sex, and program area: Fall 1998 and fall 2003**  
[Standard errors appear in parentheses]

Program area	Number (in thousands)		Total	Percentage distribution, fall 2003									
				White		Black		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native	
	Fall 1998	Fall 2003		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Full-time faculty and instructional staff .....</b>	<b>560 (4.8)</b>	<b>682 (#)</b>	<b>100.0</b>	<b>49.6 (0.39)</b>	<b>30.7 (0.36)</b>	<b>2.9 (0.15)</b>	<b>2.7 (0.13)</b>	<b>2.0 (0.09)</b>	<b>1.5 (0.08)</b>	<b>6.3 (0.15)</b>	<b>2.8 (0.15)</b>	<b>0.8 (0.08)</b>	<b>0.6 (0.07)</b>
Agriculture and home economics .....	10 (0.4)	17 (0.8)	100.0	58.9 (3.03)	28.9 (2.72)	‡ (†)	1.8 ! (0.73)	1.2 ! (0.46)	1.3 ! (0.52)	3.6 ! (1.13)	2.8 ! (0.86)	‡ (†)	‡ (†)
Business .....	39 (1.1)	43 (1.4)	100.0	53.2 (1.49)	26.2 (1.71)	2.5 (0.73)	2.0 (0.44)	1.8 (0.48)	0.5 ! (0.16)	9.7 (1.06)	2.5 (0.46)	1.3 (0.35)	0.4 ! (0.17)
Communications .....	10 (1.0)	16 (1.4)	100.0	48.1 (3.39)	38.7 (3.30)	2.0 ! (0.73)	3.3 (0.94)	1.9 ! (0.58)	1.5 ! (0.59)	1.9 ! (0.87)	‡ (†)	‡ (†)	‡ (†)
Education .....	40 (1.4)	51 (1.9)	100.0	32.5 (1.49)	48.0 (1.64)	3.0 (0.60)	4.9 (0.64)	1.5 (0.34)	3.2 (0.52)	1.3 ! (0.43)	3.5 (0.59)	0.9 (0.25)	1.3 (0.34)
Teacher education .....	14 (0.6)	18 (1.0)	100.0	31.1 (2.31)	54.4 (2.54)	2.1 ! (0.86)	5.2 (1.10)	‡ (†)	3.1 (0.89)	‡ (†)	2.1 ! (0.87)	‡ (†)	‡ (†)
Other education .....	26 (1.3)	33 (1.5)	100.0	33.3 (2.09)	44.4 (2.46)	3.4 (0.84)	4.7 (0.75)	2.2 (0.51)	3.2 (0.57)	1.9 ! (0.64)	4.2 (0.81)	1.1 ! (0.40)	1.5 ! (0.45)
Engineering .....	25 (0.9)	33 (1.3)	100.0	65.6 (1.93)	5.3 (0.90)	4.9 (0.84)	‡ (†)	2.2 (0.42)	0.4 ! (0.17)	17.9 (1.61)	2.2 (0.63)	‡ (†)	‡ (†)
Fine arts .....	33 (1.4)	43 (1.7)	100.0	52.8 (1.68)	33.6 (1.36)	4.4 (0.83)	1.6 (0.34)	2.0 (0.59)	1.3 ! (0.44)	1.5 (0.42)	1.4 ! (0.59)	1.2 ! (0.36)	‡ (†)
Health sciences .....	84 (2.0)	94 (2.7)	100.0	36.2 (1.23)	43.5 (1.15)	1.6 (0.26)	3.4 (0.44)	1.6 (0.25)	1.4 (0.19)	6.6 (0.60)	4.1 (0.57)	0.7 ! (0.22)	1.0 (0.28)
First-professional .....	40 (1.6)	45 (1.7)	100.0	53.9 (1.58)	20.1 (1.42)	2.2 (0.49)	2.5 (0.58)	2.2 (0.40)	1.3 (0.30)	10.6 (1.08)	5.3 (0.89)	1.1 ! (0.37)	‡ (†)
Nursing .....	20 (0.6)	20 (1.2)	100.0	3.5 (0.86)	84.6 (2.21)	‡ (†)	5.3 (1.29)	‡ (†)	0.7 ! (0.27)	‡ (†)	3.4 ! (1.10)	‡ (†)	1.8 ! (0.85)
Other health sciences .....	24 (1.0)	29 (1.4)	100.0	31.0 (1.98)	52.0 (2.05)	1.5 ! (0.50)	3.6 (0.84)	1.6 (0.44)	1.9 (0.48)	4.8 (1.02)	2.6 (0.71)	‡ (†)	0.7 ! (0.31)
Humanities .....	81 (1.8)	90 (2.4)	100.0	47.3 (1.40)	35.0 (1.33)	2.4 (0.43)	2.6 (0.39)	2.2 (0.24)	2.9 (0.31)	2.9 (0.48)	2.9 (0.54)	0.9 (0.23)	0.9 (0.25)
English and literature .....	40 (1.2)	39 (1.5)	100.0	38.8 (1.90)	46.0 (2.10)	2.1 (0.45)	4.5 (0.70)	1.3 (0.27)	1.9 (0.50)	0.8 ! (0.34)	2.7 ! (0.87)	0.5 ! (0.18)	1.4 (0.39)
Foreign languages .....	15 (0.8)	20 (1.0)	100.0	36.2 (1.86)	36.7 (2.07)	2.7 ! (0.89)	0.9 ! (0.46)	5.1 (0.75)	8.3 (1.07)	4.0 (1.11)	4.5 (1.01)	‡ (†)	‡ (†)
History .....	14 (0.6)	18 (1.0)	100.0	59.4 (2.90)	23.0 (2.12)	2.7 (0.80)	2.4 ! (0.94)	1.9 ! (0.71)	1.2 ! (0.52)	5.0 (1.49)	3.2 (0.91)	1.0 ! (0.45)	‡ (†)
Philosophy .....	12 (0.8)	13 (1.0)	100.0	72.3 (3.55)	16.6 (2.33)	2.3 ! (1.11)	‡ (†)	1.0 ! (0.35)	‡ (†)	4.0 ! (1.49)	‡ (†)	‡ (†)	‡ (†)
Law .....	8 (0.6)	10 (1.0)	100.0	54.5 (3.56)	29.9 (3.63)	3.3 ! (1.10)	‡ (†)	‡ (†)	2.4 ! (1.15)	2.8 ! (1.36)	‡ (†)	‡ (†)	‡ (†)
Natural sciences .....	111 (2.1)	151 (2.5)	100.0	57.3 (1.12)	20.3 (0.80)	2.5 (0.31)	1.5 (0.22)	2.0 (0.20)	0.9 (0.15)	11.2 (0.65)	3.3 (0.35)	0.6 (0.16)	0.3 ! (0.09)
Biological sciences .....	40 (1.3)	59 (1.7)	100.0	55.4 (1.69)	21.6 (1.30)	2.2 (0.48)	1.2 (0.28)	1.9 (0.39)	1.2 (0.31)	11.1 (1.13)	4.8 (0.67)	‡ (†)	0.3 ! (0.12)
Physical sciences .....	27 (0.8)	36 (1.3)	100.0	68.9 (2.03)	12.8 (1.50)	2.6 (0.59)	0.7 ! (0.31)	1.4 (0.29)	0.6 ! (0.19)	9.4 (1.05)	3.0 (0.64)	‡ (†)	‡ (†)
Mathematics .....	26 (1.0)	32 (1.3)	100.0	52.2 (2.15)	22.7 (1.84)	3.8 (0.67)	2.6 (0.67)	2.8 (0.67)	0.7 ! (0.28)	11.7 (1.41)	1.8 ! (0.67)	1.2 ! (0.56)	‡ (†)
Computer sciences .....	17 (0.9)	24 (1.2)	100.0	51.0 (2.74)	25.1 (2.15)	1.5 ! (0.59)	2.0 (0.58)	2.3 (0.52)	0.9 ! (0.31)	13.5 (1.69)	2.0 ! (0.66)	1.1 ! (0.48)	‡ (†)
Social sciences .....	58 (1.3)	70 (1.8)	100.0	52.2 (1.46)	29.0 (1.23)	3.7 (0.45)	4.1 (0.81)	2.6 (0.36)	1.7 (0.35)	3.4 (0.58)	1.9 (0.48)	0.9 (0.25)	0.6 (0.15)
Economics .....	9 (0.6)	12 (0.7)	100.0	62.3 (3.46)	18.0 (3.09)	3.5 (0.92)	‡ (†)	3.1 ! (1.13)	‡ (†)	8.9 (2.18)	‡ (†)	‡ (†)	‡ (†)
Political science .....	8 (0.5)	10 (0.7)	100.0	67.1 (3.74)	16.8 (2.59)	2.8 ! (1.19)	‡ (†)	5.1 ! (1.57)	‡ (†)	2.9 ! (1.31)	‡ (†)	‡ (†)	‡ (†)
Psychology .....	20 (0.7)	25 (1.1)	100.0	46.3 (2.33)	37.8 (2.16)	3.4 (1.01)	5.0 ! (1.99)	1.6 (0.42)	2.7 (0.70)	1.1 ! (0.49)	1.2 ! (0.39)	‡ (†)	‡ (†)
Sociology .....	9 (0.4)	9 (0.6)	100.0	49.9 (3.72)	30.1 (3.42)	3.9 ! (1.69)	8.0 ! (2.43)	3.0 ! (0.97)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)
Other social sciences .....	13 (0.6)	14 (0.9)	100.0	45.2 (3.59)	30.5 (3.09)	4.8 (1.33)	3.9 ! (1.28)	1.9 ! (0.80)	2.4 (0.71)	4.7 ! (1.50)	3.7 ! (1.22)	1.9 ! (0.75)	1.1 ! (0.54)
Occupationally specific programs .....	16 (0.8)	27 (1.1)	100.0	60.7 (2.47)	24.2 (2.16)	4.2 (1.16)	1.9 (0.55)	2.5 (0.63)	0.8 ! (0.26)	2.0 ! (0.92)	1.4 ! (0.46)	1.9 ! (0.62)	‡ (†)
All other programs .....	44 (1.2)	29 (1.4)	100.0	42.0 (2.03)	37.4 (2.00)	4.7 (1.01)	6.0 (1.01)	1.7 (0.44)	1.7 ! (0.53)	3.2 ! (0.99)	2.0 ! (0.64)	0.7 ! (0.31)	0.6 ! (0.28)

See notes at end of table.

**Table 297. Full-time and part-time faculty and instructional staff in degree-granting institutions, by race/ethnicity, sex, and program area: Fall 1998 and fall 2003—Continued**  
 [Standard errors appear in parentheses]

	Number (in thousands)			Percentage distribution, fall 2003											
Program area	Fall 1998	Fall 2003	Total	White		Black		Hispanic		Asian/Pacific Islander		American Indian/Alaska Native			
				Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
Part-time faculty and instructional staff .....	416 (5.9)	530 (#)	100.0	44.4 (0.46)	40.8 (0.54)	2.6 (0.17)	3.0 (0.14)	1.9 (0.12)	1.6 (0.10)	2.1 (0.15)	1.8 (0.18)	1.0 (0.15)	0.8 (0.15)		
Agriculture and home economics .....	3 (0.2)	7 (1.0)	100.0	30.8 (6.24)	60.6 (6.30)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Business .....	32 (1.8)	45 (3.0)	100.0	60.6 (1.96)	26.2 (1.73)	4.3 (0.70)	2.3 (0.54)	1.7 ! (0.77)	‡ (†)	2.0 ! (0.69)	‡ (†)	‡ (†)	‡ (†)		
Communications .....	10 (1.0)	14 (1.2)	100.0	47.7 (3.71)	39.3 (3.89)	2.1 ! (0.97)	2.8 ! (0.95)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Education .....	34 (1.6)	64 (2.6)	100.0	25.3 (1.65)	59.8 (2.11)	1.4 (0.41)	5.2 (0.90)	1.7 (0.37)	3.4 (0.49)	0.4 ! (0.19)	1.3 ! (0.38)	0.3 ! (0.15)	1.2 ! (0.36)		
Teacher education .....	13 (1.0)	29 (1.8)	100.0	22.2 (2.41)	63.9 (2.84)	0.9 ! (0.35)	6.4 (1.17)	1.3 ! (0.41)	2.2 (0.52)	‡ (†)	‡ (†)	‡ (†)	1.6 ! (0.69)		
Other education .....	20 (1.2)	34 (1.8)	100.0	27.9 (2.53)	56.4 (2.98)	1.9 ! (0.66)	4.1 (1.17)	2.0 (0.57)	4.5 (0.77)	‡ (†)	1.6 ! (0.60)	‡ (†)	0.8 ! (0.37)		
Engineering .....	9 (0.8)	14 (1.5)	100.0	78.6 (3.70)	6.8 ! (2.77)	‡ (†)	‡ (†)	1.7 (0.46)	‡ (†)	8.0 (2.13)	‡ (†)	‡ (†)	‡ (†)		
Fine arts .....	38 (1.5)	48 (3.6)	100.0	44.8 (2.06)	43.9 (2.44)	1.7 ! (0.54)	1.3 (0.34)	1.8 (0.49)	0.9 (0.25)	1.0 ! (0.36)	1.9 ! (0.58)	2.1 ! (0.84)	0.7 ! (0.30)		
Health sciences .....	49 (2.2)	58 (3.1)	100.0	27.9 (1.65)	57.1 (1.74)	1.2 ! (0.41)	4.0 (0.52)	0.8 ! (0.26)	1.4 (0.38)	4.0 (0.87)	2.4 (0.72)	‡ (†)	0.5 ! (0.23)		
First-professional .....	15 (1.3)	17 (1.2)	100.0	47.2 (3.33)	34.7 (3.64)	‡ (†)	2.1 ! (0.92)	‡ (†)	‡ (†)	6.4 ! (2.10)	5.1 ! (2.41)	‡ (†)	‡ (†)		
Nursing .....	12 (0.8)	13 (1.3)	100.0	‡ (†)	86.3 (2.04)	‡ (†)	8.0 (1.30)	‡ (†)	1.4 ! (0.56)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Other health sciences .....	21 (1.7)	28 (2.0)	100.0	29.4 (2.86)	56.4 (3.07)	‡ (†)	3.2 (0.76)	0.8 ! (0.32)	1.7 ! (0.70)	4.3 (1.23)	1.4 ! (0.56)	‡ (†)	‡ (†)		
Humanities.....	74 (2.1)	80 (2.5)	100.0	35.9 (1.52)	49.2 (1.61)	1.6 (0.35)	2.9 (0.45)	2.3 (0.35)	2.9 (0.44)	0.9 ! (0.30)	2.7 (0.55)	1.0 ! (0.33)	0.6 ! (0.22)		
English and literature .....	43 (1.4)	44 (1.9)	100.0	29.5 (2.31)	58.5 (2.47)	1.2 (0.33)	4.3 (0.78)	1.0 ! (0.35)	1.3 (0.37)	1.0 ! (0.41)	1.6 (0.46)	0.8 ! (0.34)	0.8 ! (0.29)		
Foreign languages .....	12 (1.2)	15 (1.2)	100.0	16.6 (3.57)	52.0 (3.38)	‡ (†)	2.0 ! (0.80)	7.2 (1.50)	11.4 (1.97)	‡ (†)	7.9 (2.18)	‡ (†)	‡ (†)		
History .....	11 (0.7)	11 (1.0)	100.0	61.1 (4.58)	28.9 (4.15)	‡ (†)	‡ (†)	2.5 ! (1.05)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Philosophy .....	9 (0.6)	10 (1.2)	100.0	65.7 (4.20)	26.0 (4.60)	3.5 ! (1.71)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Law .....	11 (0.8)	11 (1.2)	100.0	52.6 (4.43)	32.8 (4.18)	4.4 ! (1.41)	2.0 ! (0.82)	2.2 ! (1.05)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Natural sciences .....	65 (2.2)	90 (2.9)	100.0	50.5 (1.72)	32.4 (1.73)	3.8 (0.44)	2.7 (0.36)	1.9 (0.41)	0.7 (0.16)	4.2 (0.61)	2.3 (0.46)	1.0 ! (0.34)	0.5 ! (0.26)		
Biological sciences .....	11 (0.9)	16 (1.0)	100.0	41.7 (3.76)	40.1 (3.78)	2.2 ! (0.67)	2.1 ! (0.90)	1.0 ! (0.39)	1.0 ! (0.40)	5.6 ! (2.32)	5.3 ! (1.63)	‡ (†)	‡ (†)		
Physical sciences.....	11 (0.8)	16 (1.1)	100.0	57.8 (3.30)	28.7 (3.42)	3.9 ! (1.37)	‡ (†)	‡ (†)	0.9 ! (0.41)	3.1 ! (1.06)	2.6 ! (0.99)	‡ (†)	‡ (†)		
Mathematics .....	24 (1.4)	32 (2.3)	100.0	46.6 (3.20)	36.0 (3.04)	4.4 (0.78)	3.1 (0.83)	1.4 ! (0.48)	0.5 ! (0.24)	3.9 (0.85)	1.8 ! (0.64)	‡ (†)	‡ (†)		
Computer sciences .....	19 (1.2)	26 (1.7)	100.0	56.4 (2.98)	25.3 (2.64)	4.1 (1.03)	3.7 (0.60)	3.0 ! (0.93)	‡ (†)	4.2 (1.10)	‡ (†)	1.4 ! (0.63)	‡ (†)		
Social sciences.....	41 (2.4)	42 (2.0)	100.0	49.8 (1.85)	32.9 (2.09)	3.7 (0.68)	3.0 (0.66)	2.5 (0.65)	1.5 (0.31)	‡ (†)	‡ (†)	1.5 ! (0.65)	2.0 ! (0.62)		
Economics .....	4 (0.5)	5 (0.8)	100.0	68.6 (7.36)	9.3 ! (4.08)	7.2 ! (3.52)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Political science .....	4 (0.4)	5 (0.8)	100.0	71.1 (5.32)	11.9 ! (3.93)	5.7 ! (2.79)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Psychology .....	18 (2.1)	18 (1.2)	100.0	42.2 (3.36)	44.4 (3.12)	2.0 ! (0.76)	3.0 ! (0.91)	1.4 ! (0.64)	1.7 ! (0.58)	‡ (†)	‡ (†)	‡ (†)	2.2 ! (0.93)		
Sociology .....	6 (0.5)	7 (0.9)	100.0	44.6 (6.09)	30.7 (6.03)	4.0 ! (1.61)	4.1 ! (1.54)	‡ (†)	1.6 ! (0.76)	‡ (†)	‡ (†)	‡ (†)	‡ (†)		
Other social sciences.....	10 (0.9)	8 (0.8)	100.0	46.2 (4.24)	36.4 (4.19)	‡ (†)	4.5 ! (1.85)	‡ (†)	1.9 ! (0.83)	‡ (†)	2.8 ! (1.29)	‡ (†)	‡ (†)		
Occupationally specific programs .....	17 (1.1)	37 (2.4)	100.0	68.2 (2.51)	18.6 (2.19)	4.5 (1.03)	1.8 ! (0.63)	4.0 (0.92)	0.6 ! (0.23)	‡ (†)	‡ (†)	1.1 ! (0.50)	‡ (†)		
All other programs .....	35 (1.6)	19 (1.2)	100.0	41.8 (3.30)	42.6 (2.95)	2.5 ! (0.81)	5.5 (1.46)	1.9 ! (0.58)	2.6 ! (0.90)	‡ (†)	1.2 ! (0.63)	‡ (†)	‡ (†)		

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Totals may differ from figures reported in other tables because of varying survey methodologies. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding and nonresponse to program area question.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1999 and 2004 National Study of Postsecondary Faculty (NSOPF:99/04). (This table was prepared December 2008.)



























Table 307. Degree-granting institutions, by control and level of institution and state or jurisdiction: 2011–12

State or jurisdiction	Total	All public institutions	Public 4-year institutions							Public 2-year	All nonprofit institutions	Nonprofit 4-year institutions							Nonprofit 2-year	For-profit institutions		
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>		Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>United States .....</b>	<b>4,706</b>	<b>1,649</b>	<b>682</b>	<b>73</b>	<b>73</b>	<b>28</b>	<b>270</b>	<b>191</b>	<b>47</b>	<b>967</b>	<b>1,653</b>	<b>1,553</b>	<b>34</b>	<b>25</b>	<b>48</b>	<b>364</b>	<b>517</b>	<b>565</b>	<b>100</b>	<b>1,404</b>	<b>733</b>	<b>671</b>
Alabama .....	76	39	14	2	3	0	8	1	0	25	20	19	0	0	0	2	12	5	1	17	11	6
Alaska .....	9	5	3	0	1	0	2	0	0	2	2	2	0	0	0	1	0	1	0	2	1	1
Arizona .....	87	24	4	2	1	0	0	0	1	20	11	11	0	0	0	2	3	6	0	52	35	17
Arkansas .....	51	33	11	1	0	1	6	2	1	22	13	12	0	0	0	1	9	2	1	5	4	1
California .....	460	150	35	8	1	0	21	3	2	115	144	138	3	1	10	25	24	75	6	166	82	84
Colorado .....	91	27	13	2	2	1	3	5	0	14	13	12	0	1	0	3	3	5	1	51	29	22
Connecticut .....	47	21	9	1	0	0	4	4	0	12	19	18	1	0	0	9	5	3	1	7	5	2
Delaware .....	12	5	2	1	0	0	1	0	0	3	5	4	0	0	1	0	1	2	1	2	2	0
District of Columbia .....	20	2	2	0	0	0	1	0	1	0	14	14	2	2	1	2	0	7	0	4	4	0
Florida .....	240	43	34	4	2	2	5	20	1	9	63	60	1	1	3	12	22	21	3	134	58	76
Georgia .....	139	66	27	3	0	1	11	11	1	39	35	33	1	0	1	4	19	8	2	38	22	16
Hawaii .....	21	10	4	1	0	0	0	3	0	6	7	7	0	0	0	2	2	3	0	4	3	1
Idaho .....	18	7	4	0	2	0	1	1	0	3	4	4	0	0	0	1	2	1	0	7	6	1
Illinois .....	182	60	12	2	2	1	7	0	0	48	84	80	2	2	4	17	18	37	4	38	24	14
Indiana .....	107	29	15	2	2	1	6	4	0	14	40	39	1	0	0	9	19	10	1	38	25	13
Iowa .....	67	19	3	2	0	0	1	0	0	16	34	33	0	0	0	6	18	9	1	14	12	2
Kansas .....	67	33	8	1	2	0	4	0	1	25	24	22	0	0	0	6	12	4	2	10	5	5
Kentucky .....	79	24	8	2	0	0	5	1	0	16	27	27	0	0	1	6	13	7	0	28	19	9
Louisiana .....	73	35	17	1	3	0	9	1	3	18	13	10	1	0	0	2	4	3	3	25	8	17
Maine .....	32	15	8	0	1	0	1	6	0	7	15	13	0	0	0	3	6	4	2	2	1	1
Maryland .....	62	29	13	1	1	2	7	1	1	16	21	21	1	0	0	6	6	8	0	12	7	5
Massachusetts .....	124	30	14	1	2	0	7	2	2	16	83	80	5	3	1	15	24	32	3	11	6	5
Michigan .....	111	46	15	3	2	2	7	1	0	31	50	49	0	0	1	11	23	14	1	15	12	3
Minnesota .....	116	42	12	1	0	0	8	3	0	30	36	35	0	0	3	6	12	14	1	38	32	6
Mississippi .....	42	24	9	1	3	0	4	0	1	15	9	9	0	0	0	3	4	2	0	9	3	6
Missouri .....	137	31	13	1	3	0	6	3	0	18	57	54	1	1	1	11	12	28	3	49	26	23
Montana .....	22	17	6	1	1	0	1	3	0	11	5	4	0	0	0	0	3	1	1	0	0	0
Nebraska .....	42	15	7	1	0	1	3	1	1	8	18	16	0	0	0	5	7	4	2	9	5	4
Nevada .....	26	7	6	0	2	0	0	4	0	1	3	3	0	0	0	1	0	2	0	16	9	7
New Hampshire .....	29	12	5	0	1	0	2	2	0	7	15	13	1	0	0	5	5	2	2	2	2	0
New Jersey .....	68	33	14	1	2	0	10	0	1	19	26	26	1	1	1	10	2	11	0	9	5	4
New Mexico .....	44	28	9	1	1	0	4	1	2	19	3	3	0	0	0	1	2	0	0	13	10	3
New York .....	303	78	43	4	1	1	21	12	4	35	179	163	6	5	7	40	27	78	16	46	19	27
North Carolina .....	148	75	16	2	1	3	7	2	1	59	49	48	1	1	0	7	27	12	1	24	16	8
North Dakota .....	21	14	9	1	1	0	1	4	2	5	6	6	0	0	0	1	1	4	0	1	1	0
Ohio .....	222	60	36	2	8	0	1	24	1	24	75	66	1	1	2	20	19	23	9	87	24	63
Oklahoma .....	63	29	17	1	1	0	8	5	2	12	14	14	0	0	1	4	6	3	0	20	11	9
Oregon .....	62	26	9	2	1	0	3	2	1	17	24	24	0	0	0	5	8	11	0	12	6	6
Pennsylvania .....	265	61	44	2	1	1	17	21	2	17	118	105	2	3	2	30	35	33	13	86	12	74
Rhode Island .....	13	3	2	0	1	0	1	0	0	1	10	10	1	0	0	5	1	3	0	0	0	0
South Carolina .....	77	33	13	1	1	1	5	4	1	20	24	22	0	0	0	5	14	3	2	20	13	7
South Dakota .....	25	12	7	0	2	0	2	1	2	5	8	7	0	0	0	0	5	2	1	5	5	0
Tennessee .....	111	22	9	1	1	3	4	0	0	13	49	45	1	0	2	11	15	16	4	40	23	17
Texas .....	260	108	45	3	6	7	16	5	8	63	63	54	1	2	2	17	15	17	9	89	37	52
Utah .....	42	11	6	1	1	0	2	2	0	5	4	3	0	1	0	2	0	0	1	27	21	6

See notes at end of table.



**Table 307. Degree-granting institutions, by control and level of institution and state or jurisdiction: 2011–12—Continued**

State or jurisdiction	Total	All public institutions	Public 4-year institutions							Public 2-year	All nonprofit institutions	Nonprofit 4-year institutions							Nonprofit 2-year	For-profit institutions		
			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>			Total	Research university, very high <sup>1</sup>	Research university, high <sup>2</sup>	Doctoral/research university <sup>3</sup>	Master's <sup>4</sup>	Baccalaureate <sup>5</sup>	Special focus <sup>6</sup>		Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Vermont .....	24	6	5	0	1	0	1	3	0	1	17	16	0	0	0	4	10	2	1	1	1	0
Virginia.....	131	40	16	3	3	0	7	2	1	24	37	37	0	0	1	7	20	9	0	54	30	24
Washington.....	88	43	16	2	0	0	6	6	2	27	24	23	0	0	0	10	5	8	1	21	12	9
West Virginia.....	46	23	13	0	1	0	3	8	1	10	9	9	0	0	0	1	7	1	0	14	3	11
Wisconsin .....	88	31	14	1	1	0	10	2	0	17	30	30	0	0	3	8	10	9	0	27	24	3
Wyoming.....	11	8	1	0	1	0	0	0	0	7	0	0	0	0	0	0	0	0	0	3	2	1
U.S. Service Academies ....	5	5	5	0	0	0	0	5	0	0	†	†	†	†	†	†	†	†	†	†	†	†
<b>Other jurisdictions ...</b>	<b>94</b>	<b>26</b>	<b>17</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>11</b>	<b>3</b>	<b>9</b>	<b>49</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>18</b>	<b>12</b>	<b>4</b>	<b>19</b>	<b>8</b>	<b>11</b>
American Samoa .....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Guam.....	3	2	1	0	0	0	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0
Marshall Islands.....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau.....	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico.....	85	18	14	0	1	1	0	9	3	4	48	44	0	0	3	12	18	11	4	19	8	11
U.S. Virgin Islands .....	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

†Not applicable.

<sup>1</sup>Research universities with a very high level of research activity.

<sup>2</sup>Research universities with a high level of research activity.

<sup>3</sup>Institutions that award at least 20 doctor's degrees per year, but did not have a high level of research activity.

<sup>4</sup>Institutions that award at least 50 master's degrees per year.

<sup>5</sup>Institutions that primarily emphasize undergraduate education.

<sup>6</sup>Four-year institutions that award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering. Includes some institutions that have 4-year programs, but have not reported sufficient data to identify program category.

Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate's degrees.

NOTE: Branch campuses are counted as separate institutions. Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the research index ranking may be obtained from <http://www.carnegiefoundation.org/classifications/index.asp?key=798#related>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Institutional Characteristics component. (This table was prepared November 2012.)



**Table 309. Degree-granting institutions that have closed their doors, by control and level of institution: 1969–70 through 2011–12**

Year	All institutions			Public			Private								
							Total			Nonprofit			For-profit		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Excluding branch campuses</b>															
1969–70.....	18	8	10	3	0	3	15	8	7	—	—	—	—	—	—
1970–71.....	32	9	23	9	0	9	23	9	14	—	—	—	—	—	—
1971–72.....	12	3	9	3	0	3	9	3	6	—	—	—	—	—	—
1972–73.....	19	12	7	2	0	2	17	12	5	—	—	—	—	—	—
1973–74.....	18	11	7	0	0	0	18	11	7	—	—	—	—	—	—
1974–75.....	17	13	4	3	0	3	14	13	1	—	—	—	—	—	—
1975–76.....	8	6	2	2	1	1	6	5	1	—	—	—	—	—	—
1976–77.....	8	5	3	0	0	0	8	5	3	—	—	—	—	—	—
1977–78.....	12	9	3	0	0	0	12	9	3	—	—	—	—	—	—
1978–79.....	9	4	5	0	0	0	9	4	5	—	—	—	—	—	—
1979–80.....	6	5	1	0	0	0	6	5	1	—	—	—	—	—	—
1980–81.....	4	3	1	0	0	0	4	3	1	—	—	—	—	—	—
1981–82.....	7	6	1	0	0	0	7	6	1	—	—	—	—	—	—
1982–83.....	7	4	3	0	0	0	7	4	3	—	—	—	—	—	—
1983–84.....	4	4	0	0	0	0	4	4	0	—	—	—	—	—	—
1984–85.....	4	4	0	0	0	0	4	4	0	—	—	—	—	—	—
1985–86.....	10	6	4	1	0	1	9	6	3	—	—	—	—	—	—
1986–87 and 1987–88.....	25	19	6	1	0	1	24	19	5	—	—	—	—	—	—
1988–89.....	14	6	8	0	0	0	14	6	8	—	—	—	—	—	—
1989–90.....	12	6	6	0	0	0	12	6	6	—	—	—	—	—	—
1990–91.....	10	4	6	0	0	0	10	4	6	—	—	—	—	—	—
1991–92.....	10	7	3	0	0	0	10	7	3	—	—	—	—	—	—
<b>Including branch campuses</b>															
1969–70.....	24	10	14	5	1	4	19	9	10	—	—	—	—	—	—
1970–71.....	35	10	25	11	0	11	24	10	14	—	—	—	—	—	—
1971–72.....	14	5	9	3	0	3	11	5	6	—	—	—	—	—	—
1972–73.....	21	12	9	4	0	4	17	12	5	—	—	—	—	—	—
1973–74.....	20	12	8	1	0	1	19	12	7	—	—	—	—	—	—
1974–75.....	18	13	5	4	0	4	14	13	1	—	—	—	—	—	—
1975–76.....	9	7	2	2	1	1	7	6	1	—	—	—	—	—	—
1976–77.....	9	6	3	0	0	0	9	6	3	—	—	—	—	—	—
1977–78.....	12	9	3	0	0	0	12	9	3	—	—	—	—	—	—
1978–79.....	9	4	5	0	0	0	9	4	5	—	—	—	—	—	—
1979–80.....	6	5	1	0	0	0	6	5	1	—	—	—	—	—	—
1980–81.....	4	3	1	0	0	0	4	3	1	—	—	—	—	—	—
1981–82.....	7	6	1	0	0	0	7	6	1	—	—	—	—	—	—
1982–83.....	7	4	3	0	0	0	7	4	3	—	—	—	—	—	—
1983–84.....	5	5	0	1	1	0	4	4	0	—	—	—	—	—	—
1984–85.....	4	4	0	0	0	0	4	4	0	—	—	—	—	—	—
1985–86.....	12	8	4	1	1	0	11	7	4	—	—	—	—	—	—
1986–87 and 1987–88.....	26	19	7	1	0	1	25	19	6	—	—	—	—	—	—
1988–89.....	14	6	8	0	0	0	14	6	8	—	—	—	—	—	—
1989–90.....	19	8	11	0	0	0	19	8	11	—	—	—	—	—	—
1990–91.....	18	6	12	0	0	0	18	6	12	7	5	2	11	1	10
1991–92.....	26	8	18	1	0	1	25	8	17	8	7	1	17	1	16
1992–93.....	23	6	17	0	0	0	23	6	17	6	5	1	17	1	16
1993–94.....	38	11	27	1	0	1	37	11	26	13	10	3	24	1	23
1994–95.....	15	8	7	2	0	2	13	8	5	8	7	1	5	1	4
1995–96.....	21	8	13	1	1	0	20	7	13	9	7	2	11	0	11
1996–97.....	36	13	23	2	0	2	34	13	21	14	10	4	20	3	17
1997–98.....	5	0	5	0	0	0	5	0	5	1	0	1	4	0	4
1998–99.....	7	1	6	1	0	1	6	1	5	2	0	2	4	1	3
1999–2000.....	16	3	13	3	0	3	13	3	10	8	3	5	5	0	5
2000–01.....	14	9	5	0	0	0	14	9	5	8	8	0	6	1	5
2001–02.....	14	2	12	0	0	0	14	2	12	1	1	0	13	1	12
2002–03.....	13	7	6	0	0	0	13	7	6	6	6	0	7	1	6
2003–04.....	12	5	7	0	0	0	12	5	7	8	5	3	4	0	4
2004–05.....	3	1	2	0	0	0	3	1	2	1	1	0	2	0	2
2005–06.....	11	6	5	1	1	0	10	5	5	5	4	1	5	1	4
2006–07.....	13	4	9	0	0	0	13	4	9	6	4	2	7	0	7
2007–08.....	26	10	16	0	0	0	26	10	16	9	6	3	17	4	13
2008–09.....	16	6	10	0	0	0	16	6	10	6	5	1	10	1	9
2009–10.....	17	11	6	0	0	0	17	11	6	9	9	0	8	2	6
2010–11.....	20	9	11	0	0	0	20	9	11	7	6	1	13	3	10
2011–12.....	10	5	5	4	0	4	6	5	1	2	2	0	4	3	1

—Not available.

NOTE: This table indicates the year by which the institution no longer operated (generally it closed at the end of or during the prior year). Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Higher Education*, 1969–70 through 1974–75; *Education Directory, Colleges and Universities*, 1975–76 through 1985–86; *1982–83 Supplement to the Education Directory, Colleges and Universities*; Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:86–99); and IPEDS Fall 2000 through Fall 2012, Institutional Characteristics component. (This table was prepared September 2012.)



**Table 311. Certificates below the associate's degree level conferred by degree-granting and non-degree-granting institutions, by length of curriculum, sex of student, institution level and control, and discipline division: 2010–11**

Discipline division	Less-than-1-year awards					1- to less-than-4-year awards							
	Total	Sex		Institution level		Total	Sex		Institution level		Institution control		
		Males	Females	Non-degree-granting (less-than-2-year)	Degree-granting (2-year and 4-year)		Males	Females	Non-degree-granting (less-than-2-year)	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total .....</b>	<b>482,947</b>	<b>201,362</b>	<b>281,585</b>	<b>134,563</b>	<b>348,384</b>	<b>546,610</b>	<b>190,321</b>	<b>356,289</b>	<b>235,014</b>	<b>311,596</b>	<b>218,049</b>	<b>18,623</b>	<b>309,938</b>
Agriculture and natural resources, total .....	3,636	2,370	1,266	192	3,444	2,511	1,566	945	264	2,247	2,328	101	82
Agriculture, agriculture operations, and related sciences .....	2,821	1,688	1,133	192	2,629	2,377	1,468	909	256	2,121	2,214	81	82
Natural resources and conservation .....	815	682	133	0	815	134	98	36	8	126	114	20	0
Architecture and related services .....	219	141	78	0	219	125	66	59	25	100	114	11	0
Area, ethnic, cultural, gender, and group studies .....	415	120	295	0	415	72	19	53	0	72	71	1	0
Biological and biomedical sciences .....	162	66	96	6	156	86	32	54	61	25	34	3	49
Business, management, marketing, and support services .....	42,599	13,370	29,229	6,134	36,465	23,591	6,380	17,211	4,559	19,032	19,006	1,537	3,048
Accounting and related services .....	8,013	1,912	6,101	760	7,253	5,793	1,355	4,438	909	4,884	4,554	484	755
Business/commerce, general .....	1,128	491	637	4	1,124	1,298	696	602	13	1,285	1,275	0	23
Business administration, management, and operations .....	6,777	2,660	4,117	69	6,708	3,162	1,140	2,022	163	2,999	2,570	382	210
Management information systems and services .....	904	562	342	228	676	889	579	310	314	575	640	0	249
Business operations support and assistant services .....	12,462	2,581	9,881	2,290	10,172	8,332	1,156	7,176	2,533	5,799	6,481	454	1,397
Business and management, other .....	13,315	5,164	8,151	2,783	10,532	4,117	1,454	2,663	627	3,490	3,486	217	414
Communication, journalism, and related programs .....	2,436	1,422	1,014	1,380	1,056	728	415	313	325	403	232	152	344
Communications technologies .....	2,268	1,571	697	795	1,473	2,684	2,011	673	1,538	1,146	1,351	60	1,273
Computer and information sciences and support services .....	17,332	11,932	5,400	3,527	13,805	10,493	7,724	2,769	7,730	7,753	6,189	424	3,880
Construction trades .....	12,021	11,320	701	2,036	9,985	17,529	16,648	881	4,823	12,706	10,467	651	6,411
Education .....	5,095	639	4,456	177	4,918	3,211	410	2,801	617	2,594	2,337	544	330
Engineering .....	360	304	56	28	332	194	159	35	74	120	147	41	6
Engineering technologies and engineering-related fields <sup>1</sup> .....	16,563	14,530	2,033	3,080	13,483	20,238	18,381	1,857	7,133	13,105	8,056	363	11,819
English language and literature/letters .....	2,315	802	1,513	810	1,505	198	61	137	25	173	82	16	100
Family and consumer sciences/human sciences .....	13,806	1,740	12,066	1,492	12,314	3,192	253	2,939	298	2,894	3,112	56	24
Foreign languages, literatures, and linguistics .....	967	206	761	0	967	543	80	463	0	543	521	22	0
Health professions and related programs .....	213,619	41,496	172,123	67,108	146,511	249,418	35,416	214,002	98,617	150,801	76,056	9,578	163,784
Dental assisting .....	9,814	967	8,847	3,477	6,337	17,089	1,673	15,416	6,088	11,001	4,497	73	12,519
Emergency medical technician (EMT paramedic) .....	17,281	11,548	5,733	1,650	15,631	4,835	3,574	1,261	539	4,296	4,213	224	398
Medical lab technician .....	12,060	2,397	9,663	2,954	9,106	4,011	1,129	2,882	1,049	2,962	2,496	411	1,104
Medical assisting .....	57,444	9,664	47,780	19,357	38,087	95,217	11,417	83,800	43,413	51,804	9,472	1,607	84,138
Nursing assisting .....	48,353	6,657	41,696	10,881	37,472	1,505	149	1,356	340	1,165	466	47	992
Practical nursing .....	6,481	794	5,687	412	6,069	57,884	7,314	50,570	20,242	37,642	38,569	2,225	17,090
Nursing, R.N. and other .....	2,328	288	2,040	40	2,288	4,346	582	3,764	2,583	1,763	1,538	2,539	269
Health sciences, other .....	59,858	9,181	50,677	28,337	31,521	64,531	9,578	54,953	24,363	40,168	14,805	2,452	47,274
Homeland security, law enforcement, and firefighting .....	24,233	18,744	5,489	3,254	20,979	7,790	5,135	2,655	315	7,475	6,682	155	953
Criminal justice and corrections .....	16,737	11,994	4,743	1,358	15,379	6,405	3,943	2,462	293	6,112	5,485	21	899
Fire control and safety .....	6,506	6,062	444	1,484	5,022	1,141	1,087	54	22	1,119	1,141	0	0
Homeland security and related protective services, other .....	990	688	302	412	578	244	105	139	0	244	56	134	54
Legal professions and studies .....	2,368	339	2,029	230	2,138	3,510	561	2,949	750	2,760	2,181	226	1,103
Liberal arts and sciences, general studies, and humanities .....	2,417	845	1,572	0	2,417	23,579	9,499	14,080	0	23,579	23,558	21	0
Library science .....	213	30	183	0	213	73	3	70	0	73	73	0	0
Mathematics and statistics .....	61	50	11	0	61	14	11	3	0	14	13	1	0
Mechanic and repair technologies/technicians .....	33,700	31,881	1,819	5,545	28,155	55,482	53,357	2,125	27,262	28,220	22,170	731	32,581
Military technologies and applied sciences .....	32	25	7	0	32	88	73	15	0	88	88	0	0
Multi/interdisciplinary studies .....	1,530	774	756	25	1,505	1,309	559	750	0	1,309	1,289	20	0
Parks, recreation, leisure, and fitness studies .....	912	509	403	231	681	829	513	316	310	519	269	0	560
Personal and culinary services .....	37,152	6,939	30,213	25,959	11,193	93,554	12,699	80,855	78,880	14,674	13,703	1,205	78,646
Philosophy and religious studies .....	90	41	49	0	90	34	20	14	0	34	1	33	0

See notes at end of table.

**Table 311. Certificates below the associate's degree level conferred by degree-granting and non-degree-granting institutions, by length of curriculum, sex of student, institution level and control, and discipline division: 2010–11—Continued**

Discipline division	Less-than-1-year awards					1- to less-than-4-year awards							
	Total	Sex		Institution level		Total	Sex		Institution level		Institution control		
		Males	Females	Non-degree-granting (less-than-2-year)	Degree-granting (2-year and 4-year)		Males	Females	Non-degree-granting (less-than-2-year)	Degree-granting (2-year and 4-year)	Public	Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Physical sciences and science technologies .....	633	373	260	222	411	541	354	187	22	519	500	0	41
Physical sciences.....	87	44	43	0	87	9	6	3	0	9	9	0	0
Science technologies/technicians .....	546	329	217	222	324	532	348	184	22	510	491	0	41
Precision production .....	16,095	15,274	821	2,005	14,090	13,269	12,588	681	4,237	9,032	9,674	655	2,940
Psychology .....	15	6	9	0	15	54	7	47	0	54	46	8	0
Public administration and social services .....	1,167	230	937	15	1,152	654	143	511	0	654	640	14	0
Social sciences and history .....	565	332	233	0	565	296	174	122	0	296	260	36	0
Social sciences .....	539	329	210	0	539	295	173	122	0	295	260	35	0
History .....	26	3	23	0	26	1	1	0	0	1	0	1	0
Theology and religious vocations .....	135	54	81	0	135	1,061	472	589	621	440	0	1,060	1
Transportation and materials moving.....	22,587	20,768	1,819	8,693	13,894	980	920	60	420	560	589	28	363
Visual and performing arts .....	5,229	2,119	3,110	1,619	3,610	8,680	3,612	5,068	1,098	7,582	6,210	870	1,600
Fine and studio arts .....	1,369	412	957	1,244	125	4,325	1,605	2,720	8	4,317	4,303	19	3
Music and dance.....	433	312	121	68	365	474	325	149	140	334	117	162	195
Visual and performing arts, other.....	3,427	1,395	2,032	307	3,120	3,881	1,682	2,199	950	2,931	1,790	689	1,402

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
NOTE: Includes both degree-granting and non-degree-granting institutions that participate in Title IV federal financial aid programs. Degree-granting institutions grant degrees at the associate's or higher level, while non-degree-granting institutions grant only awards below that level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared June 2012.)







**Table 314. Master's degrees conferred by degree-granting institutions, by field of study: Selected years, 1970–71 through 2010–11**

Field of study	1970–71	1975–76	1980–81	1985–86	1990–91	1995–96	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total .....</b>	<b>235,564</b>	<b>317,477</b>	<b>302,637</b>	<b>295,850</b>	<b>342,863</b>	<b>412,180</b>	<b>463,185</b>	<b>473,502</b>	<b>487,313</b>	<b>518,699</b>	<b>564,272</b>	<b>580,151</b>	<b>599,731</b>	<b>610,597</b>	<b>630,666</b>	<b>662,079</b>	<b>693,025</b>	<b>730,635</b>
Agriculture and natural resources .....	2,457	3,340	4,003	3,801	3,295	4,551	4,360	4,272	4,503	4,492	4,783	4,746	4,640	4,623	4,684	4,877	5,211	5,773
Architecture and related services .....	1,705	3,215	3,153	3,260	3,490	3,993	4,268	4,302	4,566	4,925	5,424	5,674	5,743	5,951	6,065	6,587	7,280	7,788
Area, ethnic, cultural, gender, and group studies .....	1,032	993	802	915	1,233	1,652	1,544	1,555	1,541	1,509	1,683	1,755	2,080	1,699	1,778	1,779	1,775	1,914
Biological and biomedical sciences .....	5,625	6,457	5,766	5,064	4,834	6,593	6,850	7,017	7,011	7,050	7,732	8,284	8,781	8,898	9,689	10,017	10,725	11,327
Business .....	26,490	42,592	57,888	66,676	78,255	93,554	111,532	115,602	119,725	127,685	139,347	142,617	146,406	150,211	155,637	168,375	177,684	187,213
Communication, journalism, and related programs .....	1,770	2,961	2,896	3,500	4,123	5,080	5,169	5,218	5,510	6,053	6,535	6,762	7,244	6,773	6,915	7,092	7,636	8,303
Communications technologies .....	86	165	209	308	204	481	356	427	470	442	365	433	501	499	631	475	463	502
Computer and information sciences .....	1,588	2,603	4,218	8,070	9,324	10,579	14,990	16,911	17,173	19,509	20,143	18,416	17,055	16,232	17,087	17,907	17,953	19,446
Education .....	87,666	126,061	96,713	74,816	87,352	104,936	123,045	127,829	135,189	147,883	162,345	167,490	174,620	176,572	175,880	178,564	182,139	185,009
Engineering .....	16,813	16,472	16,893	21,529	24,454	26,789	24,772	25,174	24,838	28,251	32,554	32,488	30,848	29,299	31,557	34,546	35,088	38,719
Engineering technologies .....	134	328	323	617	996	2,054	1,876	2,013	2,149	2,332	2,499	2,500	2,541	2,690	2,873	3,455	4,258	4,515
English language and literature/letters .....	10,441	8,599	5,742	5,335	6,784	7,657	7,022	6,763	7,097	7,428	7,956	8,468	8,845	8,742	9,161	9,261	9,201	9,476
Family and consumer sciences/human sciences .....	1,452	2,179	2,570	2,011	1,541	1,712	1,882	1,838	1,683	1,607	1,794	1,827	1,983	2,080	2,199	2,453	2,580	2,918
Foreign languages, literatures, and linguistics .....	5,480	4,432	2,934	2,690	3,049	3,443	3,037	3,035	3,075	3,049	3,124	3,407	3,539	3,443	3,565	3,592	3,755	3,727
Health professions and related programs .....	5,330	12,164	16,176	18,603	21,354	33,920	42,593	43,623	43,560	42,748	44,939	46,703	51,380	54,531	58,120	62,620	69,084	75,579
Homeland security, law enforcement, and firefighting .....	194	1,197	1,538	1,074	1,108	1,812	2,609	2,514	2,935	2,956	3,717	3,991	4,277	4,906	5,760	6,128	6,714	7,433
Legal professions and studies .....	955	1,442	1,832	1,924	2,057	2,751	3,750	3,829	4,053	4,141	4,243	4,170	4,453	4,486	4,815	5,150	5,734	6,300
Liberal arts and sciences, general studies, and humanities .....	885	2,633	2,375	1,586	2,213	2,778	3,256	3,193	2,754	3,314	3,697	3,680	3,702	3,634	3,797	3,728	3,804	3,971
Library science .....	7,001	8,037	4,859	3,564	4,763	5,099	4,577	4,727	5,113	5,295	6,015	6,213	6,448	6,767	7,162	7,091	7,448	7,727
Mathematics and statistics .....	5,191	3,857	2,567	3,131	3,549	3,651	3,208	3,209	3,350	3,620	4,191	4,477	4,730	4,884	4,980	5,211	5,634	5,843
Military technologies and applied sciences .....	2	0	43	83	0	136	0	0	0	0	0	0	0	202	0	3	0	0
Multi/interdisciplinary studies .....	924	1,283	2,356	2,869	2,079	2,713	3,418	3,413	3,634	3,721	3,972	4,167	4,391	4,611	5,165	5,225	5,973	6,748
Parks, recreation, leisure, and fitness studies .....	218	571	643	570	483	1,684	2,322	2,354	2,580	2,978	3,199	3,740	3,992	4,110	4,440	4,822	5,617	6,553
Philosophy and religious studies .....	1,326	1,358	1,231	1,193	1,471	1,363	1,376	1,386	1,371	1,578	1,578	1,647	1,739	1,716	1,879	1,859	2,043	1,833
Physical sciences and science technologies .....	6,336	5,428	5,246	5,860	5,281	5,910	4,888	5,134	5,082	5,196	5,714	5,823	6,063	6,012	6,061	5,862	6,063	6,386
Precision production .....	0	0	0	0	0	8	5	2	2	3	13	6	9	5	3	10	10	5
Psychology .....	5,717	10,167	10,223	9,845	11,349	15,152	15,740	16,539	16,357	17,161	17,898	18,830	19,770	21,037	21,431	23,415	23,752	25,051
Public administration and social services .....	7,785	15,209	17,803	15,692	17,905	24,229	25,594	25,268	25,448	25,903	28,250	29,552	30,510	31,131	33,029	33,933	35,729	38,634
Social sciences and history .....	16,539	15,953	11,945	10,564	12,233	15,012	14,066	13,791	14,112	14,630	16,110	16,952	17,369	17,665	18,495	19,240	20,222	21,084
Theology and religious vocations .....	7,747	8,964	11,061	11,826	10,498	10,909	11,663	9,876	10,104	10,493	10,818	11,348	11,758	12,436	12,578	12,836	12,824	13,191
Transportation and materials moving .....	0	0	0	454	406	919	697	756	709	765	728	802	784	985	982	1,048	1,074	1,390
Visual and performing arts .....	6,675	8,817	8,629	8,420	8,657	10,280	10,918	11,404	11,595	11,982	12,906	13,183	13,530	13,767	14,164	14,918	15,552	16,277
Not classified by field of study .....	0	0	0	0	8,523	780	1,802	528	24	0	0	0	0	0	84	0	0	0

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions Survey": "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; "Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies"

includes Engineering technologies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 315. Doctor's degrees conferred by degree-granting institutions, by field of study: Selected years, 1970–71 through 2010–11**

Field of study	1970–71	1975–76	1980–81	1985–86	1990–91	1995–96	1999–2000	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total .....</b>	<b>64,998</b>	<b>91,007</b>	<b>98,016</b>	<b>100,280</b>	<b>105,547</b>	<b>115,507</b>	<b>118,736</b>	<b>119,585</b>	<b>119,663</b>	<b>121,579</b>	<b>126,087</b>	<b>134,387</b>	<b>138,056</b>	<b>144,690</b>	<b>149,378</b>	<b>154,425</b>	<b>158,558</b>	<b>163,765</b>
Agriculture and natural resources .....	1,086	928	1,067	1,158	1,185	1,259	1,168	1,127	1,148	1,229	1,185	1,173	1,194	1,272	1,257	1,328	1,147	1,246
Architecture and related services .....	36	82	93	73	135	141	129	153	183	152	173	179	201	178	199	212	210	205
Area, ethnic, cultural, gender, and group studies .....	143	186	161	156	159	183	205	216	212	186	209	189	226	233	270	239	253	278
Biological and biomedical sciences .....	3,603	3,347	3,640	3,405	4,152	5,250	5,463	5,225	5,104	5,268	5,538	5,935	6,162	6,764	7,400	7,499	7,666	7,693
Business .....	774	906	808	923	1,185	1,366	1,194	1,180	1,156	1,252	1,481	1,498	1,711	2,029	2,084	2,123	2,245	2,286
Communication, journalism, and related programs .....	145	196	171	212	259	338	347	368	374	394	418	465	461	479	489	533	570	577
Communications technologies .....	0	8	11	6	13	7	10	2	9	4	8	3	3	1	7	2	3	1
Computer and information sciences .....	128	244	252	344	676	869	779	768	752	816	909	1,119	1,416	1,595	1,698	1,580	1,599	1,588
Education .....	6,041	7,202	7,279	6,610	6,189	6,246	6,409	6,284	6,549	6,832	7,088	7,681	7,584	8,261	8,491	9,028	9,233	9,623
Engineering .....	3,687	2,872	2,598	3,444	5,316	6,304	5,336	5,485	5,123	5,195	5,801	6,413	7,243	7,867	7,922	7,742	7,704	8,369
Engineering technologies .....	1	2	10	12	14	50	31	62	58	57	58	54	75	61	55	59	67	56
English language and literature/letters .....	1,554	1,514	1,040	895	1,056	1,395	1,470	1,330	1,291	1,246	1,207	1,212	1,254	1,178	1,262	1,271	1,332	1,344
Family and consumer sciences/human sciences .....	123	178	247	307	229	375	327	354	311	376	329	331	340	337	323	333	296	320
Foreign languages, literatures, and linguistics .....	1,084	1,245	931	768	889	1,020	1,086	1,078	1,003	1,042	1,031	1,027	1,074	1,059	1,078	1,111	1,091	1,158
Health professions and related programs .....	15,988	25,267	29,595	31,922	29,842	32,678	37,829	39,019	39,435	39,799	41,861	44,201	45,677	48,943	51,675	54,709	57,746	60,153
Homeland security, law enforcement, and firefighting .....	1	9	21	21	28	38	52	44	49	72	54	94	80	85	88	97	106	131
Legal professions and studies .....	17,441	32,369	36,391	35,898	38,035	39,919	38,226	38,190	39,060	39,172	40,328	43,521	43,569	43,629	43,880	44,304	44,626	44,877
Liberal arts and sciences, general studies, and humanities .....	32	162	121	90	70	75	83	102	113	78	95	109	84	77	76	67	96	95
Library science .....	39	71	71	62	56	53	68	58	45	62	47	42	44	52	64	35	64	50
Mathematics and statistics .....	1,199	856	728	742	978	1,158	1,075	997	923	1,007	1,060	1,176	1,293	1,351	1,360	1,535	1,592	1,586
Multi/interdisciplinary studies .....	101	156	236	352	306	549	509	512	484	634	580	626	600	683	660	731	631	660
Parks, recreation, leisure, and fitness studies .....	2	15	42	39	28	104	134	177	151	199	222	207	194	218	228	285	266	257
Philosophy and religious studies .....	555	556	411	480	464	550	598	600	610	662	595	586	578	637	635	686	667	805
Physical sciences and science technologies .....	4,324	3,388	3,105	3,521	4,248	4,589	4,017	3,968	3,824	3,939	3,937	4,248	4,642	5,041	4,994	5,237	5,063	5,295
Psychology .....	2,144	3,157	3,576	3,593	3,932	4,141	4,731	5,091	4,759	4,835	4,827	5,106	4,921	5,153	5,296	5,477	5,540	5,851
Public administration and social services .....	174	292	362	382	430	499	537	574	571	599	649	673	704	726	760	812	838	851
Social sciences and history .....	3,660	4,157	3,122	2,955	3,012	3,760	4,095	3,930	3,902	3,850	3,811	3,819	3,914	3,844	4,059	4,234	4,238	4,390
Theology and religious vocations .....	312	1,022	1,273	1,185	1,076	1,517	1,630	1,461	1,350	1,329	1,304	1,422	1,429	1,573	1,615	1,587	2,070	2,374
Transportation and materials moving .....	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts .....	621	620	654	722	838	1,067	1,127	1,167	1,114	1,293	1,282	1,278	1,383	1,364	1,453	1,569	1,599	1,646
Not classified by field of study .....	0	0	0	0	747	7	71	63	0	0	0	0	0	0	0	0	0	0

NOTE: Data through 1990–91 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The new Classification of Instructional Programs was initiated in 2009–10. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions Survey": "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natu-

ral resources and conservation; "Business" includes Business, management, marketing, and related support services and Personal and culinary services; and "Engineering technologies" includes Engineering technologies and engineering-related fields, Construction trades, and Mechanic and repair technologies/technicians.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared May 2012.)



**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
<b>All fields, total</b>	<b>1,715,913</b>	<b>734,133</b>	<b>981,780</b>	<b>730,635</b>	<b>291,551</b>	<b>439,084</b>	<b>163,765</b>	<b>79,654</b>	<b>84,111</b>
Agriculture and natural resources	28,623	14,675	13,948	5,773	2,750	3,023	1,246	675	571
Agriculture, agriculture operations, and related sciences	15,857	7,825	8,032	2,490	1,198	1,292	692	368	324
Agriculture, general	1,642	946	696	350	171	179	20	12	8
Agricultural business and management, general	1,059	692	367	63	40	23	0	0	0
Agribusiness/agricultural business operations	1,375	946	429	73	39	34	0	0	0
Agricultural economics	1,452	994	458	436	237	199	139	74	65
Farm/farm and ranch management	101	75	26	9	7	2	0	0	0
Agricultural/farm supplies retailing and wholesaling	82	47	35	0	0	0	0	0	0
Agricultural business technology	22	13	9	0	0	0	0	0	0
Agricultural business and management, other	43	26	17	13	3	10	0	0	0
Agricultural mechanization, general	240	234	6	0	0	0	0	0	0
Agricultural production operations, general	71	51	20	15	9	6	0	0	0
Animal/livestock husbandry and production	142	49	93	0	0	0	0	0	0
Aquaculture	44	38	6	29	18	11	5	4	1
Crop production	34	30	4	8	6	2	1	1	0
Horse husbandry/equine science and management	73	5	68	0	0	0	0	0	0
Agroecology and sustainable agriculture	26	18	8	17	7	10	2	1	1
Viticulture and enology	117	57	60	5	3	2	0	0	0
Agricultural and food products processing	95	47	48	14	5	9	7	5	2
Equestrian/equine studies	311	16	295	0	0	0	0	0	0
Agricultural and domestic animal services, other	3	0	3	0	0	0	0	0	0
Applied horticulture/horticultural operations, general	158	95	63	15	7	8	7	6	1
Ornamental horticulture	157	99	58	9	2	7	11	7	4
Landscaping and groundskeeping	177	127	50	6	2	4	0	0	0
Turf and turfgrass management	146	142	4	0	0	0	0	0	0
Applied horticulture/horticultural business services, other	19	16	3	0	0	0	0	0	0
International agriculture	29	10	19	19	8	11	0	0	0
Agricultural and extension education services	32	15	17	44	17	27	1	0	1
Agricultural communication/journalism	264	63	201	10	1	9	0	0	0
Agricultural public services, other	99	57	42	0	0	0	0	0	0
Animal sciences, general	4,622	1,186	3,436	388	139	249	134	60	74
Agricultural animal breeding	3	0	3	9	3	6	2	2	0
Animal health	0	0	0	6	3	3	0	0	0
Animal nutrition	0	0	0	0	0	0	3	2	1
Dairy science	131	59	72	14	4	10	3	2	1
Livestock management	14	6	8	1	1	0	1	1	0
Poultry science	123	56	67	20	7	13	12	4	8
Animal sciences, other	83	14	69	2	0	2	0	0	0
Food science	1,000	287	713	329	117	212	92	32	60
Food technology and processing	3	0	3	1	1	0	0	0	0
Food science and technology, other	3	1	2	21	8	13	2	1	1
Plant sciences, general	347	227	120	75	46	29	35	24	11
Agronomy and crop science	441	349	92	152	95	57	69	48	21
Horticultural science	554	341	213	97	47	50	36	23	13
Agricultural and horticultural plant breeding	0	0	0	29	21	8	16	12	4
Plant protection and integrated pest management	29	22	7	13	8	5	1	0	1
Range science and management	107	71	36	42	21	21	8	6	2
Plant sciences, other	33	23	10	37	26	11	15	8	7
Soil science and agronomy, general	108	82	26	98	58	40	56	28	28
Soil chemistry and physics	10	7	3	0	0	0	0	0	0
Soil sciences, other	32	22	10	11	7	4	2	1	1
Agriculture, agriculture operations, and related sciences, other	201	164	37	10	4	6	12	4	8
Natural resources and conservation	12,766	6,850	5,916	3,283	1,552	1,731	554	307	247
Natural resources/conservation, general	1,302	733	569	490	203	287	74	34	40
Environmental studies	4,298	2,013	2,285	681	293	388	50	25	25
Environmental science	3,638	1,791	1,847	780	341	439	108	45	63
Natural resources conservation and research, other	5	1	4	27	12	15	3	1	2
Natural resources management and policy	494	276	218	410	184	226	46	29	17
Natural resource economics	37	23	14	8	6	2	7	1	6
Water, wetlands, and marine resources management	73	39	34	82	27	55	0	0	0
Land use planning and management/development	50	28	22	68	40	28	10	5	5
Natural resource recreation and tourism	55	39	16	0	0	0	0	0	0
Natural resources law enforcement and protective services	31	29	2	0	0	0	0	0	0
Natural resources management and policy, other	229	122	107	15	7	8	0	0	0
Fishing and fisheries sciences and management	243	162	81	62	33	29	27	15	12
Forestry, general	526	399	127	310	186	124	74	47	27
Forest sciences and biology	157	132	25	89	66	23	41	30	11
Forest management/forest resources management	115	100	15	35	18	17	6	4	2
Urban forestry	26	13	13	12	8	4	1	1	0
Wood science and wood products/pulp and paper technology	86	74	12	25	19	6	11	7	4
Forest resources production and management	5	4	1	12	10	2	9	5	4
Forest technology/technician	9	6	3	0	0	0	18	13	5
Forestry, other	47	40	7	19	13	6	10	8	2
Wildlife and wildlands science and management	1,125	692	433	144	79	65	45	31	14
Natural resources and conservation, other	215	134	81	14	7	7	14	6	8
Architecture and related services	9,832	5,696	4,136	7,788	4,265	3,523	205	110	95
Architecture	5,955	3,534	2,421	4,301	2,535	1,766	114	60	54
City/urban, community and regional planning	852	553	299	2,366	1,209	1,157	74	39	35
Environmental design/architecture	724	433	291	100	45	55	8	5	3
Interior architecture	571	46	525	110	24	86	0	0	0
Landscape architecture	1,028	694	334	586	258	328	0	0	0
Architectural history and criticism, general	68	21	47	34	8	26	3	2	1
Architectural technology/technician	207	153	54	0	0	0	0	0	0
Architectural and building sciences/technology	25	18	7	12	8	4	0	0	0
Architectural sciences and technology, other	0	0	0	14	12	2	3	3	0
Real estate development	0	0	0	117	98	19	0	0	0
Architecture and related services, other	402	244	158	148	68	80	3	1	2

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Area, ethnic, cultural, gender, and group studies .....	9,100	2,801	6,299	1,914	723	1,191	278	116	162
African studies .....	77	23	54	21	33	0	0	0	0
American/United States studies/civilization .....	1,490	562	928	279	109	170	111	48	63
Asian studies/civilization .....	753	335	418	107	52	55	2	2	0
East Asian studies .....	433	197	236	137	61	76	22	11	11
Russian, Central European, East European and Eurasian studies .....	27	11	16	21	9	12	0	0	0
European studies/civilization .....	167	42	125	26	13	13	0	0	0
Latin American studies .....	541	174	367	265	93	172	4	3	1
Near and Middle Eastern studies .....	259	114	145	171	88	83	33	25	8
Pacific Area/Pacific Rim studies .....	8	2	6	4	1	3	0	0	0
Russian studies .....	100	47	53	70	36	34	0	0	0
Scandinavian studies .....	23	10	13	0	0	0	1	0	1
South Asian studies .....	19	8	11	10	2	8	3	2	1
Southeast Asian studies .....	2	1	1	17	12	5	0	0	0
Western European studies .....	3	0	3	63	14	49	4	0	4
Canadian studies .....	1	1	0	0	0	0	0	0	0
Slavic studies .....	5	1	4	2	0	2	0	0	0
Ural-Altaic and Central Asian studies .....	0	0	0	11	6	5	1	1	0
Regional studies (U.S., Canadian, foreign) .....	31	5	26	24	5	19	6	0	6
Chinese studies .....	39	14	25	20	12	8	0	0	0
French studies .....	61	10	51	2	1	1	7	1	6
German studies .....	63	20	43	15	4	11	5	1	4
Italian studies .....	42	11	31	7	1	6	3	2	1
Japanese studies .....	44	21	23	11	7	4	0	0	0
Korean studies .....	0	0	0	6	5	1	0	0	0
Spanish and Iberian studies .....	4	2	2	0	0	0	0	0	0
Irish studies .....	0	0	0	2	1	1	0	0	0
Latin American and Caribbean studies .....	48	16	32	5	1	4	0	0	0
Area studies, other .....	880	255	625	62	31	31	4	2	2
Ethnic studies .....	156	65	91	17	5	12	5	4	1
African-American/Black studies .....	997	329	668	115	49	66	18	5	13
American Indian/Native American studies .....	240	96	144	33	11	22	2	1	1
Hispanic-American, Puerto Rican, and Mexican-American/Chicano studies .....	430	136	294	37	16	21	5	3	2
Asian-American studies .....	135	55	80	13	8	5	0	0	0
Women's studies .....	1,432	75	1,357	149	8	141	21	0	21
Gay/lesbian studies .....	6	1	5	0	0	0	0	0	0
Folklore studies .....	0	0	0	22	4	18	1	1	0
Disability studies .....	0	0	0	25	5	20	3	1	2
Ethnic, cultural minority, gender, and group studies, other .....	584	162	422	112	32	80	17	3	14
Biological and biomedical sciences .....	90,003	36,892	53,111	11,327	4,871	6,456	7,693	3,648	4,045
Biology/biological sciences, general .....	61,247	23,997	37,250	3,283	1,340	1,943	935	431	504
Biomedical sciences, general .....	2,057	788	1,269	860	406	454	364	162	202
Biochemistry .....	6,122	3,161	2,961	272	127	145	521	283	238
Biophysics .....	77	48	29	41	22	19	112	70	42
Molecular biology .....	618	303	315	195	73	122	249	108	141
Molecular biochemistry .....	307	155	152	22	9	13	69	36	33
Molecular biophysics .....	0	0	0	1	1	0	12	6	6
Structural biology .....	0	0	0	2	0	2	4	3	1
Radiation biology/radiobiology .....	13	5	8	13	9	4	7	6	1
Biochemistry and molecular biology .....	574	304	270	114	56	58	168	99	69
Biochemistry, biophysics and molecular biology, other .....	179	84	95	5	0	5	12	6	6
Botany/plant biology .....	212	99	113	84	31	53	116	60	56
Plant pathology/phytopathology .....	13	5	8	60	26	34	56	26	30
Plant physiology .....	0	0	0	2	1	1	9	4	5
Plant molecular biology .....	0	0	0	1	0	1	8	4	4
Botany/plant biology, other .....	28	11	17	12	3	9	3	1	2
Cell/cellular biology and histology .....	376	177	199	31	10	21	166	79	87
Anatomy .....	492	218	274	97	62	35	58	30	28
Developmental biology and embryology .....	0	0	0	21	6	15	33	16	17
Cell/cellular and molecular biology .....	1,922	890	1,032	180	83	97	474	225	249
Cell biology and anatomy .....	3	3	0	7	3	4	33	18	15
Cell/cellular biology and anatomical sciences, other .....	85	42	43	103	40	63	120	55	65
Microbiology, general .....	1,681	770	911	154	59	95	224	88	136
Medical microbiology and bacteriology .....	556	260	296	99	38	61	185	85	100
Virology .....	0	0	0	3	0	3	9	6	3
Parasitology .....	0	0	0	0	0	0	1	1	0
Immunology .....	0	0	0	30	5	25	159	75	84
Microbiology and immunology .....	94	43	51	20	10	10	63	28	35
Microbiological sciences and immunology, other .....	135	65	70	31	14	17	98	45	53
Zoology/animal biology .....	1,629	565	1,064	114	43	71	87	51	36
Entomology .....	102	57	45	129	58	71	106	59	47
Animal physiology .....	55	23	32	72	35	37	30	12	18
Animal behavior and ethology .....	20	1	19	8	0	8	3	1	2
Wildlife biology .....	252	128	124	12	6	6	4	4	0
Zoology/animal biology, other .....	4	1	3	3	2	1	0	0	0
Genetics, general .....	200	76	124	73	26	47	175	67	108
Molecular genetics .....	178	68	110	33	14	19	91	43	48
Animal genetics .....	29	9	20	17	10	7	24	6	18
Plant genetics .....	0	0	0	3	1	2	10	4	6
Human/medical genetics .....	7	5	2	84	5	79	58	31	27
Genome sciences/genomics .....	0	0	0	9	4	5	2	1	1
Genetics, other .....	0	0	0	2	1	1	13	9	4
Physiology, general .....	1,272	559	713	360	207	153	154	73	81
Molecular physiology .....	0	0	0	4	1	3	30	11	19
Cell physiology .....	0	0	0	2	1	1	18	7	11
Endocrinology .....	0	0	0	2	1	1	2	2	0
Reproductive biology .....	0	0	0	8	1	7	2	2	0
Cardiovascular science .....	0	0	0	7	5	2	4	2	2
Exercise physiology .....	1,711	827	884	154	71	83	60	34	26
Vision science/physiological optics .....	17	8	9	15	8	7	7	4	3
Pathology/experimental pathology .....	10	3	7	90	27	63	217	100	117
Oncology and cancer biology .....	0	0	0	13	6	7	108	48	60

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Physiology, pathology, and related sciences, other.....	0	0	0	10	6	4	22	6	16
Pharmacology.....	40	25	15	136	72	64	263	130	133
Molecular pharmacology.....	0	0	0	11	3	8	34	18	16
Neuropharmacology.....	0	0	0	13	5	8	0	0	0
Toxicology.....	100	42	58	41	16	25	61	27	34
Molecular toxicology.....	0	0	0	0	0	0	3	0	3
Environmental toxicology.....	37	16	21	34	10	24	25	9	16
Pharmacology and toxicology.....	71	31	40	34	14	20	44	17	27
Biometry/biometrics.....	30	17	13	27	17	10	15	4	11
Biostatistics.....	17	7	10	356	161	195	125	53	72
Bioinformatics.....	114	75	39	257	163	94	95	64	31
Computational biology.....	11	6	5	1	1	0	18	11	7
Biostatistics, bioinformatics, and computational biology, other.....	17	9	8	19	9	10	10	6	4
Biotechnology.....	582	309	273	999	461	538	5	4	1
Ecology.....	601	249	352	191	78	113	156	81	75
Marine biology and biological oceanography.....	1,012	360	652	199	74	125	57	26	31
Evolutionary biology.....	76	31	45	17	9	8	36	17	19
Aquatic biology/limnology.....	66	38	28	7	3	4	0	0	0
Environmental biology.....	175	84	91	46	22	24	3	2	1
Population biology.....	0	0	0	11	2	9	5	4	1
Conservation biology.....	141	58	83	40	12	28	3	0	3
Systemic biology/biological systemics.....	0	0	0	1	1	0	6	4	2
Epidemiology.....	0	0	0	765	213	552	250	76	174
Ecology and evolutionary biology.....	212	96	116	38	15	23	36	20	16
Ecology, evolution, systematics and population biology, other.....	107	48	59	26	12	14	47	19	28
Molecular medicine.....	0	0	0	8	4	4	42	22	20
Neuroscience.....	2,631	988	1,643	116	47	69	523	244	279
Neuroanatomy.....	0	0	0	0	0	0	2	1	1
Neurobiology and anatomy.....	505	238	267	22	14	8	90	49	41
Neurobiology and behavior.....	56	26	30	24	14	10	7	4	3
Neurobiology and neurosciences, other.....	6	1	5	0	0	0	3	2	1
Biological and biomedical sciences, other.....	1,119	380	739	921	446	475	234	101	133
Business, management, marketing, and personal and culinary services.....	365,093	187,081	178,012	187,213	101,450	85,763	2,286	1,357	929
Business, management, marketing, and related support services.....	363,879	186,503	177,376	187,205	101,447	85,758	2,286	1,357	929
Business/commerce, general.....	26,088	13,720	12,368	11,753	7,174	4,579	315	184	131
Business administration and management, general.....	140,491	71,053	69,438	114,065	64,335	49,730	1,107	697	410
Purchasing, procurement/acquisitions and contracts management.....	404	225	179	372	207	165	0	0	0
Logistics and materials management.....	1,918	1,395	523	388	266	122	1	1	0
Office management and supervision.....	387	193	194	11	3	8	0	0	0
Operations management and supervision.....	2,906	1,902	1,004	688	445	243	6	4	2
Nonprofit/public/organizational management.....	713	288	425	1,993	646	1,347	9	2	7
Customer service management.....	53	24	29	4	3	1	0	0	0
E-commerce/electronic commerce.....	228	136	92	176	89	87	0	0	0
Transportation/transportation management.....	112	76	36	29	25	4	5	4	1
Research and development management.....	0	0	0	14	2	12	0	0	0
Project management.....	83	53	30	563	359	204	0	0	0
Retail management.....	136	29	107	0	0	0	0	0	0
Organizational leadership.....	866	385	481	3,351	1,227	2,124	193	79	114
Business administration, management and operations, other.....	10,863	5,416	5,447	4,560	2,433	2,127	18	10	8
Accounting.....	48,390	22,948	25,442	15,937	7,345	8,592	39	27	12
Accounting technology/technician and bookkeeping.....	162	88	74	0	0	0	0	0	0
Auditing.....	16	1	15	23	9	14	0	0	0
Accounting and finance.....	495	261	234	1,324	457	867	0	0	0
Accounting and business/management.....	3,616	920	2,696	274	136	138	0	0	0
Accounting and related services, other.....	281	140	141	370	226	144	1	0	1
Administrative assistant and secretarial science, general.....	67	20	47	0	0	0	0	0	0
Business/office automation/technology/data entry.....	114	59	55	0	0	0	0	0	0
General office occupations and clerical services.....	7	2	5	0	0	0	0	0	0
Parts, warehousing, and inventory management operations.....	1	0	1	0	0	0	0	0	0
Business operations support and secretarial services, other.....	0	0	0	55	26	29	0	0	0
Business/corporate communications.....	598	191	407	253	59	194	0	0	0
Business/managerial economics.....	5,417	3,654	1,763	339	187	152	66	46	20
Entrepreneurship/entrepreneurial studies.....	2,085	1,336	749	670	435	235	1	1	0
Small business administration/management.....	38	22	16	22	18	4	0	0	0
Entrepreneurial and small business operations, other.....	60	34	26	44	34	10	0	0	0
Finance, general.....	31,905	21,849	10,056	5,864	3,865	1,999	43	33	10
Banking and financial support services.....	419	246	173	122	66	56	2	2	0
Financial planning and services.....	153	92	61	243	147	96	3	2	1
International finance.....	11	7	4	33	22	11	0	0	0
Investments and securities.....	76	62	14	134	96	38	0	0	0
Public finance.....	0	0	0	13	7	6	0	0	0
Finance and financial management services, other.....	220	127	93	276	180	96	0	0	0
Hospitality administration/management, general.....	6,740	2,247	4,493	413	149	264	30	15	15
Tourism and travel services management.....	649	194	455	175	89	86	0	0	0
Hotel/motel administration/management.....	1,914	710	1,204	112	50	62	7	4	3
Restaurant/food services management.....	636	255	381	0	0	0	0	0	0
Resort management.....	139	66	73	0	0	0	0	0	0
Meeting and event planning.....	294	1	263	0	0	0	0	0	0
Casino management.....	1	1	0	0	0	0	0	0	0
Hotel, motel, and restaurant management.....	11	4	7	0	0	0	0	0	0
Hospitality administration/management, other.....	688	258	430	86	19	67	5	0	5
Human resources management/personnel administration, general.....	5,358	1,584	3,774	3,375	743	2,632	16	7	9
Labor and industrial relations.....	866	448	418	686	234	452	9	7	2
Organizational behavior studies.....	3,328	1,362	1,966	1,899	653	1,246	164	79	85
Labor studies.....	67	51	16	12	5	7	2	1	1
Human resources development.....	591	171	420	809	227	582	22	10	12
Human resources management and services, other.....	572	293	279	1,388	485	903	17	5	12
International business/trade/commerce.....	5,812	2,843	2,969	2,351	1,367	984	17	14	3
Management information systems, general.....	6,785	5,122	1,663	3,576	2,484	1,092	62	39	23
Information resources management/CIO training.....	201	162	39	279	197	82	29	22	7
Knowledge management.....	20	13	7	69	48	21	0	0	0
Management information systems and services, other.....	108	77	31	70	40	30	1	1	0

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Management science, general.....	3,017	1,747	1,270	753	388	365	7	5	2
Business statistics .....	34	25	9	34	23	11	2	2	0
Actuarial science .....	755	436	319	297	190	107	0	0	0
Management sciences and quantitative methods, other .....	200	127	73	329	135	194	7	5	2
Marketing/marketing management, general .....	31,853	14,570	17,283	1,598	639	959	31	16	15
Marketing research .....	38	12	26	90	40	50	0	0	0
International marketing .....	111	9	102	73	15	58	0	0	0
Marketing, other .....	1,024	466	558	140	62	78	5	3	2
Real estate .....	788	572	216	695	550	145	4	4	0
Taxation .....	0	0	0	1,686	832	854	0	0	0
Insurance .....	718	469	249	77	48	29	6	3	3
Sales, distribution, and marketing operations, general .....	1,228	605	623	233	89	144	1	0	1
Merchandising and buying operations .....	75	21	54	17	2	15	0	0	0
Retailing and retail operations .....	228	48	180	1	0	1	0	0	0
Selling skills and sales operations .....	240	136	104	0	0	0	0	0	0
General merchandising/sales/related marketing operations, other .....	131	54	77	4	4	0	0	0	0
Fashion merchandising .....	2,482	105	2,377	9	0	9	0	0	0
Apparel and accessories marketing operations .....	715	52	663	12	2	10	0	0	0
Tourism and travel services marketing operations .....	50	14	36	0	0	0	0	0	0
Tourism promotion operations .....	82	21	61	0	0	0	0	0	0
Vehicle and vehicle parts and accessories marketing operations .....	96	80	16	0	0	0	0	0	0
Special products marketing operations .....	152	55	97	12	7	5	0	0	0
Hospitality and recreation marketing operations .....	74	58	16	0	0	0	0	0	0
Specialized merchandising/sales/related marketing operations, other .....	87	20	67	44	14	30	0	0	0
Construction management .....	2,612	2,410	202	238	186	52	1	1	0
Telecommunications management .....	28	24	4	12	9	3	0	0	0
Business/management/marketing/related support services, other .....	2,902	1,521	1,381	1,588	893	695	32	22	10
Personal and culinary services .....	1,214	578	636	8	3	5	0	0	0
Funeral service and mortuary science, general .....	135	57	78	0	0	0	0	0	0
Funeral direction/service .....	12	2	10	0	0	0	0	0	0
Cosmetology/cosmetologist, general .....	2	0	2	0	0	0	0	0	0
Cooking and related culinary arts, general .....	0	0	0	0	0	0	0	0	0
Baking and pastry arts/baker/pastry chef .....	73	9	64	0	0	0	0	0	0
Culinary arts/chef training .....	321	185	136	0	0	0	0	0	0
Restaurant, culinary, and catering management/manager .....	592	294	298	0	0	0	0	0	0
Food service, waiter/waitress, and dining room management .....	6	3	3	0	0	0	0	0	0
Culinary science/culinology .....	18	1	17	0	0	0	0	0	0
Culinary arts and related services, other .....	49	23	26	8	3	5	0	0	0
Personal and culinary services, other .....	6	4	2	0	0	0	0	0	0
Communication and communications technologies .....	88,132	33,023	55,109	8,805	2,820	5,985	578	207	371
Communication, journalism, and related programs .....	83,274	29,515	53,759	8,303	2,520	5,783	577	207	370
Communication, general .....	5,238	1,692	3,546	496	138	358	33	10	23
Speech communication and rhetoric .....	32,033	11,098	20,935	2,195	638	1,557	267	94	173
Mass communication/media studies .....	8,767	3,323	5,444	891	313	578	126	47	79
Communication and media studies, other .....	1,835	575	1,260	570	172	398	44	17	27
Journalism .....	12,745	4,190	8,555	1,699	580	1,119	31	12	19
Broadcast journalism .....	969	401	568	29	9	20	0	0	0
Photojournalism .....	145	43	102	0	0	0	0	0	0
Journalism, other .....	648	207	441	116	29	87	0	0	0
Radio and television .....	5,067	2,901	2,166	275	123	152	13	4	9
Digital communication and media/multimedia .....	1,434	816	618	227	116	111	20	11	9
Radio, television, and digital communication, other .....	734	398	336	9	3	6	0	0	0
Public relations, advertising, and applied communication .....	881	189	692	19	8	11	0	0	0
Organizational communication, general .....	1,004	340	664	108	21	87	4	2	2
Public relations/image management .....	4,100	803	3,297	452	87	365	0	0	0
Advertising .....	4,761	1,477	3,284	226	62	164	6	2	4
Political communication .....	70	31	39	0	0	0	0	0	0
Health communication .....	31	3	28	93	12	81	8	1	7
Sports communication .....	41	31	10	1	0	1	0	0	0
International and intercultural communication .....	28	5	23	64	17	47	0	0	0
Technical and scientific communication .....	18	7	11	29	9	20	7	1	6
Public relations, advertising and applied communication, other .....	1,065	259	806	173	38	135	0	0	0
Publishing .....	0	0	0	132	21	111	0	0	0
Communication, journalism, and related programs, other .....	1,660	726	934	499	124	375	18	6	12
Communications technologies/technicians and support services .....	4,858	3,508	1,350	502	300	202	1	0	1
Communications technology/technician .....	128	93	35	39	17	22	1	0	1
Photographic and film/video technology/technician and assistant .....	87	51	36	0	0	0	0	0	0
Radio and television broadcasting technology/technician .....	657	404	253	105	43	62	0	0	0
Recording arts technology/technician .....	1,090	964	126	24	20	4	0	0	0
Audiovisual communications technologies/technicians, other .....	96	71	25	0	0	0	0	0	0
Graphic communications, general .....	229	106	123	1	1	0	0	0	0
Printing management .....	39	15	24	4	1	3	0	0	0
Prepress/desktop publishing and digital imaging design .....	59	25	34	2	1	1	0	0	0
Animation/interactive technology/video graphics/special effects .....	2,172	1,629	543	254	165	89	0	0	0
Graphic and printing equipment operator, general production .....	63	28	35	0	0	0	0	0	0
Printing press operator .....	15	10	5	0	0	0	0	0	0
Graphic communications, other .....	57	26	31	8	5	3	0	0	0
Communications technologies/technicians and support services, other .....	166	86	80	65	47	18	0	0	0
Computer and information sciences and support services .....	43,072	35,478	7,594	19,446	13,956	5,490	1,588	1,267	321
Computer and information sciences, general .....	11,146	9,481	1,665	4,791	3,564	1,227	570	460	110
Artificial intelligence and robotics .....	0	0	0	56	48	8	22	18	4
Information technology .....	5,155	4,040	1,115	2,057	1,489	568	68	53	15
Informatics .....	133	119	14	237	71	166	0	0	0
Computer and information sciences, other .....	161	123	38	63	44	19	4	4	0
Computer programming/programmer, general .....	1,181	991	190	70	52	18	5	5	0
Computer programming, specific applications .....	19	14	5	14	12	2	0	0	0
Computer programming, other .....	3	3	0	0	0	0	0	0	0
Data processing and data processing technology/technician .....	80	70	10	0	0	0	0	0	0
Information science/studies .....	5,606	4,256	1,350	3,783	2,402	1,381	133	79	54

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Computer systems analysis/analyst .....	1,205	951	254	167	119	48	0	0	0
Computer science .....	8,625	7,553	1,072	5,594	4,249	1,345	749	622	127
Web page, digital/multimedia and information resources design .....	1,308	832	476	197	116	81	0	0	0
Data modeling/warehousing and database administration .....	32	21	11	39	21	18	0	0	0
Computer graphics .....	1,450	1,051	399	233	137	96	2	1	1
Modeling, virtual environments and simulation .....	173	159	14	28	20	8	0	0	0
Computer software and media applications, other .....	423	388	35	57	37	20	0	0	0
Computer systems networking and telecommunications .....	1,473	1,319	154	686	559	127	0	0	0
Network and system administration/administrator .....	401	368	33	15	9	6	0	0	0
System, networking, and LAN/WAN management/manager .....	194	169	25	1	0	0	0	0	0
Computer and information systems security .....	2,870	2,455	415	593	465	128	2	2	0
Web/multimedia management and webmaster .....	358	266	92	8	6	2	0	0	0
Information technology project management .....	4	3	1	152	106	46	0	0	0
Computer support specialist .....	4	3	1	0	0	0	0	0	0
Computer/information tech. services admin. and management, other .....	486	356	130	230	154	76	0	0	0
Computer and information sciences and support services, other .....	582	487	95	375	275	100	33	23	10
<b>Education .....</b>	<b>103,992</b>	<b>21,195</b>	<b>82,797</b>	<b>185,009</b>	<b>42,022</b>	<b>142,987</b>	<b>9,623</b>	<b>3,064</b>	<b>6,559</b>
Education, general .....	3,186	475	2,711	28,829	6,282	22,547	1,884	521	1,363
Bilingual and multilingual .....	415	19	396	751	198	553	5	2	3
Multicultural education .....	4	0	4	97	15	82	7	2	5
Indian/Native American education .....	5	2	3	0	0	0	0	0	0
Bilingual, multilingual, and multicultural education, other .....	4	1	3	11	1	10	0	0	0
Curriculum and instruction .....	11	0	11	19,086	3,554	15,532	1,086	245	841
Educational leadership and administration, general .....	13	5	8	19,587	6,937	12,650	3,393	1,221	2,172
Administration of special education .....	0	0	0	22	6	16	8	0	8
Adult and continuing education administration .....	4	3	1	881	237	644	51	18	33
Educational, instructional, and curriculum supervision .....	42	5	37	1,121	300	821	49	17	32
Higher education/higher education administration .....	8	1	7	2,053	619	1,434	444	164	280
Community college education .....	0	0	0	45	10	35	30	12	18
Elementary and middle school administration/principalsip .....	0	0	0	834	334	500	29	17	12
Secondary school administration/principalsip .....	0	0	0	414	160	254	33	10	23
Urban education and leadership .....	71	27	44	260	83	177	27	8	19
Superintendency and educational system administration .....	0	0	0	1,543	529	1,014	52	20	32
Educational administration and supervision, other .....	1	0	1	1,397	465	932	283	109	174
Educational/instructional media design .....	39	17	22	3,764	1,015	2,749	153	60	93
Educational evaluation and research .....	0	0	0	51	19	32	73	28	45
Educational statistics and research methods .....	0	0	0	61	25	36	26	8	18
Educational assessment, testing, and measurement .....	0	0	0	107	23	84	35	10	25
Learning sciences .....	0	0	0	26	10	16	1	0	1
Educational assessment, evaluation, and research, other .....	3	0	3	38	11	27	46	11	35
International and comparative education .....	0	0	0	239	51	188	13	3	10
Social and philosophical foundations of education .....	15	2	13	738	206	532	108	32	76
Special education and teaching, general .....	6,780	694	6,086	14,405	2,211	12,194	189	41	148
Education/teaching of individuals with hearing impairments/deafness .....	122	9	113	155	12	143	2	1	1
Education/teaching of the gifted and talented .....	0	0	0	354	41	313	3	1	2
Education/teaching of individuals with emotional disturbances .....	129	12	117	90	23	67	8	0	8
Education/teaching of individuals with mental retardation .....	199	22	177	135	21	114	6	0	6
Education/teaching of individuals with multiple disabilities .....	141	11	130	381	50	331	0	0	0
Educ./teach. of individuals with orthopedic/physical health impair. ....	2	0	2	13	3	10	2	0	2
Education/teaching of individuals with vision impairments/blindness .....	17	2	15	102	16	86	2	1	1
Educ./teach. of individuals with specific learning disabilities .....	319	35	284	364	41	323	1	0	1
Education/teaching of individuals with speech/language impairments .....	206	3	203	299	13	286	0	0	0
Education/teaching of individuals with autism .....	0	0	0	76	3	73	0	0	0
Education/teaching of individuals who are developmentally delayed .....	1	0	1	56	7	49	0	0	0
Educ./teach. of individuals in early childhood spec. educ. programs .....	140	3	137	468	21	447	0	0	0
Education/teaching of individuals in elementary special educ. programs .....	111	13	98	446	49	397	0	0	0
Educ./teach. of individuals in jr. high/middle school special educ. prog. ....	0	0	0	201	72	129	0	0	0
Education/teaching of individuals in secondary special educ. prog. ....	13	3	10	97	30	67	0	0	0
Special education and teaching, other .....	293	30	263	653	124	529	3	0	3
Counselor education/school counseling and guidance services .....	15	3	12	12,942	2,159	10,783	265	69	196
College student counseling and personnel services .....	0	0	0	938	246	692	25	7	18
Student counseling and personnel services, other .....	7	1	6	267	49	218	3	0	3
Adult and continuing education and teaching .....	37	18	19	1,021	289	732	189	55	134
Elementary education and teaching .....	39,162	3,533	35,629	15,273	1,874	13,399	39	6	33
Junior high/intermediate/middle school education and teaching .....	2,826	645	2,181	1,031	263	768	2	0	2
Secondary education and teaching .....	3,607	1,438	2,169	9,464	3,454	6,010	24	11	13
Teacher education, multiple levels .....	1,570	258	1,312	5,312	1,337	3,975	28	5	23
Montessori teacher education .....	14	0	14	208	15	193	0	0	0
Waldorf/Steiner teacher education .....	0	0	0	2	0	2	0	0	0
Kindergarten/preschool education and teaching .....	1,906	56	1,850	310	10	300	13	1	12
Early childhood education and teaching .....	10,832	348	10,484	3,086	199	2,887	13	4	9
Teacher educ. and prof. dev., specific levels and methods, other .....	218	37	181	4,113	921	3,192	79	32	47
Agricultural teacher education .....	543	226	317	344	109	235	46	20	26
Art teacher education .....	1,466	240	1,226	1,042	174	868	45	9	36
Business teacher education .....	347	146	201	250	96	154	2	2	0
Driver and safety teacher education .....	0	0	0	8	5	3	0	0	0
English/language arts teacher education .....	2,704	575	2,129	1,375	347	1,028	16	2	14
Foreign language teacher education .....	138	26	112	173	38	135	16	3	13
Health teacher education .....	1,560	526	1,034	749	204	545	29	4	25
Family and consumer sciences/home economics teacher education .....	331	9	322	82	4	78	8	0	8
Technology teacher education/industrial arts teacher education .....	546	443	103	363	214	149	16	9	7
Sales and marketing operations/marketing and dist. teacher educ. ....	28	12	16	115	41	74	0	0	0
Mathematics teacher education .....	2,077	681	1,396	1,837	584	1,253	66	32	34
Music teacher education .....	3,885	1,573	2,312	1,164	456	708	84	38	46
Physical education teaching and coaching .....	8,791	5,090	3,701	2,444	1,399	1,045	42	23	19
Reading teacher education .....	143	7	136	8,061	419	7,642	54	5	49
Science teacher education/general science teacher education .....	730	283	447	948	306	642	43	10	33
Social science teacher education .....	647	338	309	180	73	107	1	0	1
Social studies teacher education .....	2,026	1,206	820	753	387	366	7	4	3
Technical teacher education .....	267	147	120	279	103	176	56	22	34
Trade and industrial teacher education .....	1,008	646	362	340	133	207	12	6	6
Computer teacher education .....	3	2	1	781	205	576	1	1	0

See notes at end of table.



**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Biology teacher education .....	390	123	267	284	80	204	0	0	0
Chemistry teacher education .....	75	38	37	81	36	45	0	0	0
Drama and dance teacher education .....	165	21	144	55	15	40	0	0	0
French language teacher education .....	54	10	44	46	7	39	0	0	0
German language teacher education .....	16	7	9	2	1	1	0	0	0
Health occupations teacher education .....	9	0	9	28	9	19	1	0	1
History teacher education .....	773	472	301	90	50	40	0	0	0
Physics teacher education .....	39	28	11	36	29	7	0	0	0
Spanish language teacher education .....	450	84	366	151	20	131	0	0	0
Speech teacher education .....	55	20	35	76	11	65	11	1	10
Geography teacher education .....	1	0	1	11	2	9	0	0	0
Latin teacher education .....	6	2	4	6	3	3	0	0	0
School librarian/library media specialist .....	2	0	2	144	12	132	0	0	0
Psychology teacher education .....	15	6	9	2	0	2	0	0	0
Earth science teacher education .....	26	10	16	59	24	35	0	0	0
Environmental education .....	0	0	0	5	3	2	0	0	0
Teacher educ. and prof. dev., specific subject areas, other .....	393	97	296	1,934	423	1,511	61	19	42
Teaching English as a second/foreign language/ESL language instructor .....	170	22	148	2,896	523	2,373	40	9	31
Teaching English or French as a second or foreign lang., other .....	8	3	5	0	0	0	0	0	0
Adult literacy tutor/instructor .....	0	0	0	38	1	37	2	0	2
Education, other .....	1,617	345	1,272	3,560	833	2,727	232	93	139
Engineering and engineering technologies .....	93,117	77,100	16,017	43,234	33,418	9,816	8,425	6,548	1,877
Engineering .....	76,376	62,119	14,257	38,719	30,090	8,629	8,369	6,510	1,859
Engineering, general .....	2,029	1,595	434	2,364	1,801	563	587	320	67
Pre-engineering .....	5	3	2	0	0	0	0	0	0
Aerospace, aeronautical and astronautical engineering .....	3,342	2,903	439	1,306	1,110	196	237	207	30
Agricultural engineering .....	886	620	266	236	145	91	124	84	40
Architectural engineering .....	811	641	170	168	136	32	3	2	1
Bioengineering and biomedical engineering .....	4,023	2,443	1,580	1,511	907	604	823	507	316
Ceramic sciences and engineering .....	52	42	10	14	12	2	12	9	3
Chemical engineering .....	6,256	4,227	2,029	1,278	876	402	831	573	258
Chemical and biomolecular engineering .....	55	22	33	4	1	3	0	0	0
Chemical engineering, other .....	0	0	0	1	0	1	0	0	0
Civil engineering, general .....	12,323	9,740	2,583	4,552	3,386	1,166	721	537	184
Geotechnical and geoenvironmental engineering .....	0	0	0	1	1	0	0	0	0
Structural engineering .....	202	143	59	184	133	51	12	12	0
Transportation and highway engineering .....	0	0	0	54	38	16	9	5	4
Water resources engineering .....	7	5	2	58	35	23	7	2	5
Civil engineering, other .....	25	16	9	11	8	3	2	2	0
Computer engineering, general .....	3,922	3,579	343	1,653	1,324	329	310	239	71
Computer software engineering .....	615	565	50	1,135	782	353	7	7	0
Computer engineering, other .....	7	6	1	22	19	3	1	1	0
Electrical and electronics engineering .....	11,551	10,253	1,298	9,481	7,737	1,744	1,997	1,683	314
Laser and optical engineering .....	7	5	2	26	22	4	20	18	2
Telecommunications engineering .....	5	5	0	130	97	33	2	2	0
Electrical, electronics and communications engineering, other .....	10	10	0	54	46	8	18	17	1
Engineering mechanics .....	82	65	17	121	103	18	66	61	5
Engineering physics/applied physics .....	432	353	79	97	73	24	50	39	11
Engineering science .....	461	325	136	315	234	81	112	90	22
Environmental/environmental health engineering .....	729	405	324	718	400	318	139	94	45
Materials engineering .....	863	624	239	695	511	184	488	376	112
Mechanical engineering .....	19,165	17,008	2,157	5,801	5,034	767	1,106	949	157
Metallurgical engineering .....	115	80	35	39	26	13	20	18	2
Mining and mineral engineering .....	226	199	27	45	41	4	3	2	1
Naval architecture and marine engineering .....	365	331	34	38	34	4	3	2	1
Nuclear engineering .....	471	394	77	269	225	44	113	97	16
Ocean engineering .....	187	153	34	84	64	20	25	23	2
Petroleum engineering .....	1,030	871	159	372	293	79	59	48	11
Systems engineering .....	640	504	136	1,587	1,212	375	109	86	23
Textile sciences and engineering .....	238	83	155	55	25	30	35	18	17
Polymer/plastics engineering .....	89	69	20	85	64	21	60	51	9
Construction engineering .....	463	411	52	137	102	35	0	0	0
Forest engineering .....	28	23	5	3	3	0	2	2	0
Industrial engineering .....	3,112	2,203	909	2,069	1,532	537	289	196	93
Manufacturing engineering .....	244	222	22	332	260	72	5	5	0
Operations research .....	403	275	128	469	334	135	56	44	12
Surveying engineering .....	46	44	2	10	9	1	0	0	0
Geological/geophysical engineering .....	142	103	39	103	87	16	7	4	3
Paper science and engineering .....	10	8	2	7	7	0	0	0	0
Electromechanical engineering .....	33	29	4	0	0	0	0	0	0
Mechatronics, robotics, and automation engineering .....	0	0	0	35	32	3	17	15	2
Biochemical engineering .....	39	21	18	1	1	0	0	0	0
Engineering chemistry .....	2	2	0	0	0	0	0	0	0
Biological/biosystems engineering .....	79	55	24	21	9	12	0	0	0
Engineering, other .....	549	436	113	968	759	209	82	63	19
Engineering technologies/construction trades/mechanics and repairers .....	16,741	14,981	1,760	4,515	3,328	1,187	56	38	18
Engineering and engineering-related fields .....	16,187	14,469	1,718	4,515	3,328	1,187	56	38	18
Engineering technology, general .....	988	890	98	300	236	64	4	4	0
Architectural engineering technology/technician .....	466	400	66	0	0	0	0	0	0
Civil engineering technology/technician .....	592	532	60	0	0	0	0	0	0
Electrical/electronic/communications eng. technology/technician .....	2,264	2,085	179	59	42	17	0	0	0
Telecommunications technology/technician .....	99	93	6	100	81	19	0	0	0
Electrical/electronic eng. technologies/technicians, other .....	223	196	27	0	0	0	0	0	0
Biomedical technology/technician .....	105	74	31	4	3	1	2	0	2
Electromechanical technology/electromechanical eng. technology .....	100	95	5	1	1	0	0	0	0
Instrumentation technology/technician .....	9	9	0	0	0	0	0	0	0
Robotics technology/technician .....	19	17	2	0	0	0	0	0	0
Automation engineer technology/technician .....	2	1	1	0	0	0	0	0	0
Electromechanical/instrumentation and maintenance technol./tech. ....	8	8	0	0	0	0	0	0	0
Heating, ventilation, air conditioning and refrig. eng. technol./tech. ....	1	1	0	0	0	0	0	0	0
Energy management and systems technology/technician .....	111	98	13	44	37	7	0	0	0

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Solar energy technology/technician.....	27	25	2	0	0	0	0	0	0
Water quality/wastewater treatment manage./recycling technol./tech.....	26	10	16	0	0	0	0	0	0
Environmental engineering technology/environmental technology.....	82	58	24	77	50	27	0	0	0
Hazardous materials management and waste technology/technician.....	3	3	0	1	1	0	0	0	0
Environmental control technologies/technicians, other.....	8	2	6	48	23	25	0	0	0
Plastics engineering technology/technician.....	76	75	1	8	6	2	0	0	0
Industrial technology/technician.....	1,770	1,609	161	392	290	102	15	11	4
Manufacturing technology/technician.....	549	505	44	56	49	7	0	0	0
Welding engineering technology/technician.....	4	4	0	0	0	0	0	0	0
Industrial production technologies/technicians, other.....	270	243	27	10	7	3	0	0	0
Occupational safety and health technology/technician.....	864	696	168	336	260	76	0	0	0
Quality control technology/technician.....	12	10	2	101	70	31	0	0	0
Industrial safety technology/technician.....	132	104	28	25	22	3	0	0	0
Quality control and safety technologies/technicians, other.....	32	28	4	13	5	8	0	0	0
Aeronautical/aerospace engineering technology/technician.....	81	75	6	0	0	0	0	0	0
Automotive engineering technology/technician.....	312	303	9	0	0	0	0	0	0
Mechanical engineering/mechanical technology/technician.....	1,285	1,220	65	15	12	3	0	0	0
Mechanical engineering related technologies/technicians, other.....	322	304	18	0	0	0	0	0	0
Mining technology/technician.....	2	1	1	0	0	0	0	0	0
Petroleum technology/technician.....	15	15	0	0	0	0	0	0	0
Mining and petroleum technologies/technicians, other.....	0	0	0	0	0	0	0	0	0
Construction engineering technology/technician.....	2,224	2,061	163	189	140	49	0	0	0
Surveying technology/surveying.....	205	190	15	14	14	0	4	2	2
Hydraulics and fluid power technology/technician.....	1	1	0	0	0	0	0	0	0
Engineering-related technologies, other.....	0	0	0	0	0	0	0	0	0
Computer engineering technology/technician.....	458	408	50	3	1	2	0	0	0
Computer technology/computer systems technology.....	230	192	38	8	7	1	1	1	0
Computer hardware technology/technician.....	1	1	0	0	0	0	0	0	0
Computer software technology/technician.....	33	31	2	0	0	0	0	0	0
Computer engineering technologies/technicians, other.....	2	2	0	0	0	0	0	0	0
Drafting/design engineering technologies/technicians, general.....	77	61	16	0	0	0	0	0	0
CAD/CADD drafting and/or design technology/technician.....	62	44	18	10	7	3	0	0	0
Civil drafting and civil engineering CAD/CADD.....	1	0	1	0	0	0	0	0	0
Mechanical drafting and mechanical drafting CAD/CADD.....	162	123	39	0	0	0	0	0	0
Drafting/design engineering technologies/technicians, other.....	15	4	11	0	0	0	0	0	0
Nuclear engineering technology/technician.....	149	133	16	0	0	0	0	0	0
Engineering/industrial management.....	794	640	154	2,548	1,865	683	25	18	7
Packaging science.....	267	200	67	44	24	20	5	2	3
Engineering-related fields, other.....	1	1	0	0	0	0	0	0	0
Nanotechnology.....	0	0	0	9	5	4	0	0	0
Engineering tech. and engineering-related fields, other.....	646	588	58	100	70	30	0	0	0
Construction trades.....	328	303	25	0	0	0	0	0	0
Construction trades, general.....	2	2	0	0	0	0	0	0	0
Electrician.....	1	1	0	0	0	0	0	0	0
Building/construction site management/manager.....	112	103	9	0	0	0	0	0	0
Building construction technology.....	32	29	3	0	0	0	0	0	0
Building/construction finishing, mgmt., and inspection, other.....	111	104	7	0	0	0	0	0	0
Construction trades, other.....	70	64	6	0	0	0	0	0	0
Mechanic and repair technologies/technicians.....	226	209	17	0	0	0	0	0	0
Industrial electronics technology/technician.....	1	1	0	0	0	0	0	0	0
Heating, air conditioning, ventilation and refrig. main. tech.....	1	1	0	0	0	0	0	0	0
Heavy equipment maintenance technology/technician.....	12	12	0	0	0	0	0	0	0
Autobody/collision and repair technology/technician.....	1	1	0	0	0	0	0	0	0
Automobile/automotive mechanics technology/technician.....	47	45	2	0	0	0	0	0	0
Diesel mechanics technology/technician.....	25	24	1	0	0	0	0	0	0
Airframe mechanics and aircraft maintenance technology/technician.....	35	31	4	0	0	0	0	0	0
Aircraft powerplant technology/technician.....	36	34	2	0	0	0	0	0	0
Avionics maintenance technology/technician.....	65	57	8	0	0	0	0	0	0
Vehicle maintenance and repair, other.....	3	3	0	0	0	0	0	0	0
English language and literature/letters.....	52,744	16,916	35,828	9,476	3,137	6,339	1,344	529	815
English language and literature, general.....	42,030	13,234	28,796	5,539	1,800	3,739	1,149	456	693
Writing, general.....	526	181	345	130	39	91	0	0	0
Creative writing.....	2,512	928	1,584	2,770	1,030	1,740	7	4	3
Professional, technical, business, and scientific writing.....	621	184	437	305	83	222	29	9	20
Rhetoric and composition.....	5,395	1,866	3,529	326	101	225	93	32	61
Rhetoric and composition/writing studies, other.....	28	8	20	2	1	1	3	0	3
General literature.....	161	40	121	29	4	25	12	4	8
American literature (United States).....	71	25	46	4	0	4	0	0	0
English literature (British and Commonwealth).....	399	110	289	171	38	133	7	3	4
Children's and adolescent literature.....	2	0	2	0	0	0	0	0	0
Literature, other.....	12	4	8	0	0	0	0	0	0
English language and literature/letters, other.....	987	336	651	200	41	159	44	21	23
Family and consumer sciences/human sciences.....	22,444	2,762	19,682	2,918	395	2,523	320	59	261
Family and consumer sciences/human sciences, general.....	3,889	367	3,522	531	88	443	66	15	51
Business family and consumer sciences/human sciences.....	166	52	114	5	2	3	1	0	1
Family and consumer sciences/human sciences communication.....	16	1	15	0	0	0	0	0	0
Consumer merchandising/retailing management.....	122	8	114	5	0	5	2	0	2
Family resource management studies, general.....	714	253	461	92	40	52	10	4	6
Consumer economics.....	309	106	203	1	0	1	0	0	0
Consumer services and advocacy.....	3	0	3	0	0	0	0	0	0
Family and consumer economics and related services, other.....	284	17	267	2	0	2	8	2	6
Foods, nutrition, and wellness studies, general.....	2,621	466	2,155	553	68	485	36	5	31
Human nutrition.....	582	95	487	274	40	234	23	6	17
Food service systems administration/management.....	670	264	406	4	0	4	0	0	0
Foods, nutrition, and related services, other.....	35	4	31	33	3	30	0	0	0
Housing and human environments, general.....	276	60	216	28	4	24	3	3	0
Facilities planning and management.....	51	47	4	6	5	1	0	0	0
Housing and human environments, other.....	21	1	20	0	0	0	0	0	0
Human development and family studies, general.....	6,647	573	6,074	540	78	462	98	18	80

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Adult development and aging .....	9	1	8	146	16	130	0	0	0
Family systems .....	420	46	374	34	6	28	13	0	13
Child development .....	1,511	49	1,462	180	8	172	19	1	18
Family and community services .....	957	123	834	241	19	222	13	2	11
Child care and support services management .....	164	4	160	60	3	57	0	0	0
Child care provider/assistant .....	10	1	9	0	0	0	0	0	0
Human development, family studies, and related services, other .....	316	9	307	43	7	36	16	2	14
Apparel and textiles, general .....	2,272	179	2,093	64	5	59	10	1	9
Apparel and textile manufacture .....	58	13	45	0	0	0	0	0	0
Apparel and textile marketing management .....	288	14	274	32	0	32	2	0	2
Apparel and textiles, other .....	4	2	2	2	0	2	0	0	0
Family and consumer sciences/human sciences, other .....	29	7	22	42	3	39	0	0	0
Foreign languages, literatures, and linguistics .....	21,706	6,720	14,986	3,727	1,256	2,471	1,158	477	681
Foreign languages and literatures, general .....	1,672	524	1,148	231	71	160	21	9	12
Linguistics .....	1,710	556	1,154	678	220	458	230	93	137
Language interpretation and translation .....	47	16	31	129	37	92	0	0	0
Comparative literature .....	792	257	535	146	61	85	157	57	100
Applied linguistics .....	4	0	4	10	2	8	0	0	0
Linguistic/comparative/related language studies and serv., other .....	94	17	77	21	7	14	5	0	5
African languages, literatures, and linguistics .....	2	0	2	5	3	2	0	0	0
East Asian languages, literatures, and linguistics, general .....	161	71	90	94	40	54	28	14	14
Chinese language and literature .....	449	219	230	51	8	43	8	3	5
Japanese language and literature .....	774	383	391	33	8	25	3	2	1
Korean language and literature .....	28	15	13	10	2	8	3	2	1
East Asian languages, literatures, and linguistics, other .....	126	53	73	28	16	12	24	9	15
Slavic languages, literatures, and linguistics, general .....	65	22	43	54	20	34	44	13	31
Russian language and literature .....	340	163	177	11	3	8	3	2	1
Czech language and literature .....	2	2	0	0	0	0	0	0	0
Polish language and literature .....	4	0	4	0	0	0	0	0	0
Slavic/Baltic/Albanian languages, lit., and linguistics, other .....	5	1	4	1	1	0	2	1	1
Germanic languages, literatures, and linguistics, general .....	94	35	59	34	17	17	19	7	12
German language and literature .....	1,019	462	557	156	58	98	43	19	24
Scandinavian languages, literatures, and linguistics .....	7	3	4	8	5	3	4	3	1
Danish language and literature .....	1	0	1	0	0	0	0	0	0
Norwegian language and literature .....	7	3	4	0	0	0	0	0	0
Swedish language and literature .....	5	0	5	0	0	0	0	0	0
Germanic languages, literatures, and linguistics, other .....	1	0	1	0	0	0	0	0	0
Modern Greek language and literature .....	6	4	2	0	0	0	0	0	0
South Asian languages, literatures, and linguistics, general .....	4	1	3	0	0	0	2	1	1
Sanskrit and classical Indian languages, lit., and linguistics .....	1	1	0	0	0	0	0	0	2
Iranian and Persian languages, lit., and linguistics .....	14	13	1	1	1	0	1	0	1
Romance languages, literatures, and linguistics, general .....	132	37	95	75	26	49	34	12	22
French language and literature .....	2,492	506	1,986	366	98	268	81	24	57
Italian language and literature .....	313	77	236	83	25	58	28	10	18
Portuguese language and literature .....	61	28	33	8	2	6	3	3	0
Spanish language and literature .....	8,918	2,264	6,654	955	275	680	179	78	101
Hispanic and Latin American languages, lit., and linguistics, general .....	65	21	44	13	6	7	14	5	9
Romance languages, literatures, and linguistics, other .....	88	21	67	65	22	43	57	21	36
American Indian/Native American languages, literatures, and linguistics .....	2	0	2	0	0	0	1	0	1
Middle/Near Eastern and Semitic languages, lit., and linguistics, general .....	6	2	4	13	6	7	11	5	6
Arabic language and literature .....	141	75	66	5	2	3	1	1	0
Hebrew language and literature .....	66	16	50	32	15	17	5	3	2
Ancient Near Eastern and biblical languages, lit., and linguistics .....	48	33	15	31	20	11	6	6	0
Middle/Near Eastern and Semitic languages, lit., and ling., other .....	94	58	36	57	26	31	31	18	13
Classics and classical languages, lit., and linguistics, general .....	1,169	543	626	199	110	89	83	46	37
Ancient/classical Greek language and literature .....	24	16	8	2	2	0	1	0	1
Latin language and literature .....	75	38	37	16	7	9	1	1	0
Classics and classical languages, lit., and linguistics, other .....	19	8	11	18	13	5	0	0	0
Celtic languages, literatures, and linguistics .....	6	3	3	3	1	2	2	2	0
Filipino/Tagalog language and literature .....	11	6	5	0	0	0	0	0	0
American sign language (ASL) .....	86	12	74	0	0	0	0	0	0
Sign language interpretation and translation .....	194	28	166	17	1	16	0	0	0
Foreign languages, literatures, and linguistics, other .....	262	107	155	68	19	49	21	7	14
Health professions and related programs .....	143,430	21,536	121,894	75,579	14,041	61,538	60,153	25,361	34,792
Health and wellness, general .....	6,193	1,670	4,523	590	280	310	95	40	55
Chiropractic .....	0	0	0	0	0	0	2,694	1,666	1,028
Communication sciences and disorders, general .....	3,414	158	3,256	1,679	57	1,622	40	7	33
Audiology/audiologist .....	231	20	211	80	9	71	731	119	612
Speech-language pathology/pathologist .....	926	37	889	2,219	58	2,161	16	2	14
Audiology/audiologist and speech-language pathology/pathologist .....	4,002	165	3,837	2,573	65	2,508	202	29	173
Communication disorders sciences and services, other .....	79	4	75	131	10	121	11	2	9
Dentistry .....	0	0	0	0	0	0	5,071	2,764	2,307
Dental clinical sciences, general .....	0	0	0	297	186	111	14	8	6
Advanced general dentistry .....	0	0	0	16	9	7	9	5	4
Oral biology and oral maxillofacial pathology .....	0	0	0	53	29	24	17	9	8
Dental public health and education .....	0	0	0	12	2	10	0	0	0
Dental materials .....	0	0	0	4	2	2	0	0	0
Endodontics/endodontology .....	0	0	0	26	22	4	0	0	0
Orthodontics/orthodontology .....	0	0	0	91	55	36	0	0	0
Pediatric dentistry/pedodontics .....	0	0	0	19	4	15	0	0	0
Periodontics/periodontology .....	0	0	0	40	27	13	0	0	0
Prosthodontics/prosthodontology .....	0	0	0	22	13	9	0	0	0
Advanced/graduate dentistry and oral sciences, other .....	0	0	0	54	22	32	8	5	3
Dental assisting/assistant .....	2	0	2	0	0	0	0	0	0
Dental hygiene/hygienist .....	1,923	60	1,863	47	3	44	0	0	0
Dental laboratory technology/technician .....	13	5	8	7	6	1	0	0	0
Dental services and allied professions, other .....	7	1	6	0	0	0	0	0	0
Health/health care administration/management .....	5,558	1,211	4,347	5,826	1,812	4,014	175	48	127
Hospital and health care facilities administration/management .....	2,365	316	2,049	791	290	501	1	0	1
Health unit manager/ward supervisor .....	0	0	0	5	2	3	0	0	0
Medical office management/administration .....	7	0	7	0	0	0	0	0	0

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Health information/medical records administration/administrator .....	1,100	171	929	119	44	75	0	0	0
Health information/medical records technology/technician .....	38	6	32	6	2	4	0	0	0
Medical office assistant/specialist .....	2	0	2	0	0	0	0	0	0
Medical/health management and clinical assistant/specialist .....	20	1	19	0	0	0	0	0	0
Long term care administration/management .....	188	18	170	2	0	2	0	0	0
Clinical research coordinator .....	8	2	6	72	12	60	0	0	0
Health and medical administrative services, other .....	538	106	432	348	77	271	7	2	5
Medical/clinical assistant .....	98	9	89	1	1	0	0	0	0
Clinical/medical laboratory assistant .....	11	6	5	0	0	0	0	0	0
Physical therapy technician/assistant .....	6	3	3	0	0	0	0	0	0
Veterinary/animal health technology/technician and vet. assistant .....	293	22	271	1	0	1	0	0	0
Anesthesiologist assistant .....	0	0	0	145	64	81	0	0	0
Pathology/pathologist assistant .....	11	7	4	62	11	51	0	0	0
Respiratory therapy technician/assistant .....	2	0	2	0	0	0	0	0	0
Radiologist assistant .....	1	1	0	3	2	1	0	0	0
Allied health and medical assisting services, other .....	217	47	170	91	35	56	0	0	0
Cardiovascular technology/technologist .....	61	24	37	2	2	0	0	0	0
Emergency medical technology/technician (EMT paramedic) .....	121	78	43	9	4	5	0	0	0
Nuclear medical technology/technologist .....	358	134	224	0	0	0	0	0	0
Perfusion technology/perfusionist .....	10	7	3	46	23	23	0	0	0
Medical radiologic technology/science radiation therapist .....	1,203	316	887	20	7	13	0	0	0
Respiratory care therapy/therapist .....	952	296	656	7	4	3	0	0	0
Surgical technology/technologist .....	17	4	13	0	0	0	0	0	0
Diagnostic medical sonography/sonographer and ultrasound technician .....	540	84	456	7	2	5	0	0	0
Radiologic technology/science radiographer .....	898	228	670	44	28	16	1	1	0
Physician assistant .....	753	246	507	4,865	1,145	3,720	8	6	2
Athletic training/trainer .....	2,781	1,071	1,710	482	198	284	0	0	0
Gene/genetic therapy .....	9	3	6	0	0	0	0	0	0
Cardiopulmonary technology/technologist .....	1	1	0	0	0	0	0	0	0
Magnetic resonance imaging (MRI) technology/technician .....	15	4	11	19	10	9	7	4	3
Radiation protection/health physics technician .....	6	1	5	0	0	0	0	0	0
Allied health diagnostic/intervention/treatment professions, other .....	206	64	142	24	8	16	0	0	0
Blood bank technology specialist .....	0	0	0	2	1	1	0	0	0
Cytotechnology/cytotechnologist .....	75	24	51	2	0	2	0	0	0
Hematology technology/technician .....	0	0	0	6	1	5	0	0	0
Clinical/medical laboratory technician .....	51	19	32	0	0	0	0	0	0
Clinical laboratory science/medical technology/technologist .....	2,432	679	1,753	151	46	105	1	1	0
Histologic technology/histotechnologist .....	0	0	0	3	0	3	0	0	0
Cytogenetics/genetics/clinical genetics technology/technologist .....	35	14	21	0	0	0	0	0	0
Clinical/medical laboratory science and allied professions, other .....	105	37	68	182	77	105	13	7	6
Pre-dentistry studies .....	15	8	7	0	0	0	0	0	0
Pre-medicine/pre-medical studies .....	739	333	406	22	8	14	1	1	0
Pre-pharmacy studies .....	20	5	15	0	0	0	0	0	0
Pre-veterinary studies .....	244	43	201	0	0	0	0	0	0
Pre-nursing studies .....	15	1	14	0	0	0	0	0	0
Pre-occupational therapy studies .....	71	6	65	0	0	0	0	0	0
Pre-optometry studies .....	1	1	0	0	0	0	0	0	0
Pre-physical therapy studies .....	141	45	96	0	0	0	0	0	0
Health/medical preparatory programs, other .....	780	217	563	45	22	23	0	0	0
Medicine .....	0	0	0	0	0	0	16,863	8,701	8,162
Medical scientist .....	0	0	0	341	142	199	30	12	18
Substance abuse/addiction counseling .....	316	83	233	386	117	269	0	0	0
Psychiatric/mental health services technician .....	89	21	68	21	4	17	0	0	0
Clinical/medical social work .....	119	16	103	389	56	333	2	0	2
Community health services/liaison/counseling .....	797	165	632	243	38	205	7	1	6
Marriage and family therapy/counseling .....	4	2	2	2,536	423	2,113	83	18	65
Clinical pastoral counseling/patient counseling .....	26	10	16	95	33	62	17	10	7
Psychoanalysis and psychotherapy .....	0	0	0	16	6	10	4	2	2
Mental health counseling/counselor .....	6	0	6	2,630	408	2,222	16	6	10
Genetic counseling/counselor .....	0	0	0	122	6	116	0	0	0
Mental and social health services and allied professions, other .....	387	36	351	166	41	125	10	4	6
Optometry .....	0	0	0	0	0	0	1,322	475	847
Ophthalmic technician/technologist .....	4	1	3	0	0	0	0	0	0
Ophthalmic/optometric support services/allied professions, other .....	15	8	7	46	24	22	0	0	0
Osteopathic medicine/osteopathy .....	0	0	0	0	0	0	4,141	2,121	2,020
Pharmacy .....	340	127	213	26	13	13	12,248	4,681	7,567
Pharmacy admin. and pharmacy policy and regulatory affairs .....	16	7	9	394	176	218	23	14	9
Pharmaceutics and drug design .....	198	76	122	101	48	53	158	87	71
Medicinal and pharmaceutical chemistry .....	23	11	12	36	19	17	68	40	28
Natural products chemistry and pharmacognosy .....	0	0	0	1	0	1	3	1	2
Clinical and industrial drug development .....	27	6	21	152	41	111	0	0	0
Pharmacoeconomics/pharmaceutical economics .....	0	0	0	6	2	4	67	25	42
Clinical, hospital, and managed care pharmacy .....	0	0	0	2	1	1	0	0	0
Industrial and physical pharmacy and cosmetic sciences .....	0	0	0	14	1	13	0	0	0
Pharmaceutical sciences .....	187	75	112	74	37	37	59	27	32
Pharmaceutical marketing and management .....	47	22	25	2	1	1	0	0	0
Pharmacy, pharmaceutical sciences, and administration, other .....	422	156	266	320	139	181	77	45	32
Podiatric medicine/podiatry .....	0	0	0	0	0	0	543	318	225
Public health, general .....	909	212	697	6,432	1,795	4,637	267	75	192
Environmental health .....	251	110	141	458	186	272	61	21	40
Health/medical physics .....	33	23	10	120	85	35	12	9	3
Occupational health and industrial hygiene .....	64	37	27	68	39	29	3	1	2
Public health education and promotion .....	1,632	304	1,328	616	79	537	54	8	46
Community health and preventive medicine .....	870	132	738	124	29	95	15	6	9
Maternal and child health .....	10	0	10	113	7	106	18	0	18
International public health/international health .....	57	19	38	358	63	295	1	0	1
Health services administration .....	545	71	474	617	215	402	10	4	6
Behavioral aspects of health .....	83	15	68	1	0	1	11	2	9
Public health, other .....	636	194	442	904	266	638	118	41	77
Art therapy/therapist .....	121	7	114	428	19	409	0	0	0
Dance therapy/therapist .....	1	0	1	15	0	15	0	0	0
Music therapy/therapist .....	263	43	220	82	10	72	7	3	4
Occupational therapy/therapist .....	824	69	755	4,657	453	4,204	255	26	229

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Orthotist/prosthetist .....	39	26	13	41	18	23	0	0	0
Physical therapy/therapist .....	309	97	212	519	174	345	9,063	2,853	6,210
Therapeutic recreation/recreational therapy .....	426	62	364	22	5	17	1	0	1
Vocational rehabilitation counseling/counselor .....	292	52	240	1,042	239	803	8	2	6
Kinesiotherapy/kinesiotherapist .....	41	10	31	12	3	9	0	0	0
Assistive/augmentative technology and rehabilitation engineering .....	0	0	0	0	0	0	3	2	1
Animal-assisted therapy .....	3	0	3	0	0	0	0	0	0
Veterinary sciences/veterinary clinical sciences, general .....	341	83	258	120	34	86	26	8	18
Rehabilitation and therapeutic professions, other .....	550	111	439	342	41	301	21	6	15
Veterinary medicine .....	0	0	0	0	0	0	2,564	580	1,984
Veterinary sciences/veterinary clinical sciences, general .....	14	5	9	218	84	134	201	69	132
Veterinary physiology .....	0	0	0	1	0	1	1	0	1
Veterinary microbiology and immunobiology .....	22	2	20	1	0	1	4	2	2
Veterinary pathology and pathobiology .....	0	0	0	4	2	2	11	6	5
Large animal/food animal/equine surgery and medicine .....	0	0	0	8	7	1	1	1	0
Small/companion animal surgery and medicine .....	0	0	0	4	2	2	0	0	0
Comparative and laboratory animal medicine .....	0	0	0	15	5	10	0	0	0
Veterinary preventive medicine epidemiology/public health .....	0	0	0	5	4	1	0	0	0
Veterinary infectious diseases .....	0	0	0	1	1	0	0	0	0
Medical illustration/medical illustrator .....	37	7	30	39	5	34	0	0	0
Medical informatics .....	22	6	16	219	96	123	32	19	13
Dietetics/dietitian .....	2,582	248	2,334	349	27	322	3	0	3
Clinical nutrition/nutritionist .....	103	16	87	144	23	121	9	1	8
Dietetics and clinical nutrition services, other .....	49	4	45	19	0	19	0	0	0
Bioethics/medical ethics .....	0	0	0	188	76	112	19	4	15
Alternative and complementary medicine and medical systems, general .....	99	12	87	0	0	0	0	0	0
Acupuncture .....	45	17	28	1,299	413	886	44	16	28
Traditional Chinese medicine and Chinese herbology .....	0	0	0	256	64	192	15	6	9
Naturopathic medicine/naturopathy .....	0	0	0	0	0	0	258	46	212
Holistic health .....	10	2	8	9	1	8	0	0	0
Alternative and complementary medicine and medical systems, other .....	14	2	12	25	1	24	0	0	0
Direct entry midwifery .....	4	0	4	2	0	2	0	0	0
Massage therapy/therapeutic massage .....	2	1	1	0	0	0	0	0	0
Asian bodywork therapy .....	1	1	0	0	0	0	0	0	0
Movement therapy and movement education .....	30	10	20	28	2	26	5	1	4
Herbalism/herbalist .....	16	4	12	16	3	13	0	0	0
Energy and biologically based therapies, other .....	3	2	1	0	0	0	0	0	0
Registered nursing/registered nurse .....	81,415	9,301	72,114	10,523	928	9,595	475	42	433
Nursing administration .....	231	38	193	2,920	250	2,670	127	12	115
Adult health nurse/nursing .....	40	5	35	803	76	727	0	0	0
Nurse anesthetist .....	0	0	0	1,644	651	993	36	10	26
Family practice nurse/nursing .....	320	50	270	2,763	282	2,481	79	8	71
Maternal/child health and neonatal nurse/nursing .....	0	0	0	172	6	166	0	0	0
Nurse midwife/nursing midwifery .....	0	0	0	181	1	180	2	0	2
Nursing science .....	1,121	128	993	1,859	144	1,715	497	42	455
Pediatric nurse/nursing .....	0	0	0	214	5	209	0	0	0
Psychiatric/mental health nurse/nursing .....	1	0	1	134	27	107	0	0	0
Public health/community nurse/nursing .....	1	1	0	201	10	191	0	0	0
Perioperative/operating room and surgical nurse/nursing .....	0	0	0	25	1	24	0	0	0
Clinical nurse specialist .....	100	6	94	258	29	229	57	8	49
Critical care nursing .....	0	0	0	147	18	129	0	0	0
Occupational and environmental health nursing .....	0	0	0	3	0	3	1	0	1
Emergency room/trauma nursing .....	0	0	0	14	2	12	0	0	0
Nursing education .....	232	18	214	1,528	76	1,452	17	1	16
Nursing practice .....	502	57	445	64	4	60	665	59	606
Palliative care nursing .....	1	0	1	15	2	13	0	0	0
Clinical nurse leader .....	50	5	45	239	23	216	0	0	0
Geriatric nurse/nursing .....	0	0	0	97	7	90	0	0	0
Women's health nurse/nursing .....	0	0	0	130	0	130	0	0	0
Reg. nursing, nursing admin., nursing research and clinical nursing, other .....	1,267	110	1,157	1,421	108	1,313	109	6	103
Practical nursing, vocational nursing and nursing assistants, other .....	44	3	41	118	6	112	0	0	0
Health professions and related clinical sciences, other .....	3,821	937	2,884	676	236	440	104	41	63
Homeland security, law enforcement, firefighting and related prot. services .....	47,602	24,361	23,241	7,433	3,416	4,017	131	62	69
Corrections .....	531	233	298	13	4	9	0	0	0
Criminal justice/law enforcement administration .....	14,940	7,477	7,463	2,167	1,013	1,154	15	7	8
Criminal justice/safety studies .....	25,125	12,515	12,610	3,192	1,244	1,948	103	50	53
Forensic science and technology .....	713	169	544	527	120	407	0	0	0
Criminal justice/police science .....	1,860	1,157	703	51	18	33	3	1	2
Security and loss prevention services .....	75	61	14	33	20	13	0	0	0
Juvenile corrections .....	3	2	1	0	0	0	0	0	0
Criminalistics and criminal science .....	223	47	176	20	4	16	0	0	0
Securities services administration/management .....	619	287	332	200	154	46	0	0	0
Corrections administration .....	53	28	25	6	2	4	0	0	0
Cyber/computer forensics and counterterrorism .....	18	11	7	12	11	1	0	0	0
Financial forensics and fraud investigation .....	30	5	25	74	25	49	0	0	0
Law enforcement intelligence analysis .....	53	28	25	0	0	0	0	0	0
Corrections and criminal justice, other .....	1,028	466	562	91	34	57	7	3	4
Fire prevention and safety technology/technician .....	176	156	20	3	3	0	0	0	0
Fire services administration .....	339	315	24	57	50	7	0	0	0
Fire science/firefighting .....	478	446	32	0	0	0	0	0	0
Fire protection, other .....	31	24	7	0	0	0	0	0	0
Homeland security .....	302	242	60	297	236	61	0	0	0
Crisis/emergency/disaster management .....	209	164	45	148	95	53	3	1	2
Critical infrastructure protection .....	45	30	15	0	0	0	0	0	0
Homeland security, other .....	34	21	13	9	6	3	0	0	0
Homeland sec., law enforcement, firefighting and related prot. serv., other .....	717	477	240	533	377	156	0	0	0
Legal professions and studies .....	4,429	1,317	3,112	6,300	3,054	3,246	44,877	23,720	21,157
Pre-law studies .....	251	121	130	0	0	0	0	0	0
Legal studies, general .....	1,679	618	1,061	331	115	216	7	1	6
Law .....	0	0	0	0	0	0	44,445	23,493	20,952
Advanced legal research/studies, general .....	89	49	40	938	435	503	141	82	59

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Programs for foreign lawyers .....	0	0	0	844	446	398	0	0	0
American/U.S. law/legal studies/jurisprudence .....	58	23	35	261	107	154	31	15	16
Banking, corporate, finance, and securities law .....	0	0	0	191	114	77	6	3	3
Comparative law .....	0	0	0	49	22	27	0	0	0
Energy, environment, and natural resources law .....	0	0	0	95	41	54	12	8	4
Health law .....	0	0	0	137	22	115	2	2	0
International law and legal studies .....	0	0	0	356	136	220	24	10	14
International business, trade, and tax law .....	0	0	0	110	72	38	0	0	0
Tax law/taxation .....	0	0	0	677	412	265	57	29	28
Intellectual property law .....	0	0	0	81	35	46	28	11	17
Legal research and advanced professional studies, other .....	1	0	1	826	454	372	20	11	9
Legal administrative assistant/secretary .....	1	0	1	0	0	0	0	0	0
Legal assistant/paralegal .....	1,916	358	1,558	95	19	76	0	0	0
Court reporting/court reporter .....	20	0	20	0	0	0	0	0	0
Legal support services, other .....	0	0	0	12	4	8	0	0	0
Legal professions and studies, other .....	414	148	266	1,297	620	677	104	55	49
Liberal arts and sciences, general studies and humanities .....	46,727	16,488	30,239	3,971	1,619	2,352	95	40	55
Liberal arts and sciences/liberal studies .....	27,283	8,758	18,525	2,317	880	1,437	10	1	9
General studies .....	14,118	5,759	8,359	149	58	91	1	0	1
Humanities/humanistic studies .....	2,563	855	1,708	629	252	377	71	32	39
Liberal arts and sciences, general studies and humanities, other .....	2,763	1,116	1,647	876	429	447	13	7	6
Library science .....	96	13	83	7,727	1,483	6,244	50	18	32
Library and information science .....	96	13	83	7,493	1,426	6,067	50	18	32
Library science, other .....	0	0	0	234	57	177	0	0	0
Mathematics and statistics .....	17,182	9,783	7,399	5,843	3,453	2,390	1,586	1,132	454
Mathematics, general .....	14,482	8,079	6,403	2,817	1,666	1,151	1,026	767	259
Mathematics, other .....	235	139	96	14	7	7	3	2	1
Applied mathematics, general .....	1,167	757	410	761	497	264	179	134	45
Computational mathematics .....	76	60	16	20	14	6	6	4	2
Computational and applied mathematics .....	12	10	2	37	27	10	11	10	1
Financial mathematics .....	52	39	13	96	62	34	2	2	0
Mathematical biology .....	0	0	0	7	5	2	0	0	0
Applied mathematics, other .....	181	125	56	110	86	24	8	7	1
Statistics, general .....	759	448	311	1,768	946	822	333	194	139
Mathematical statistics and probability .....	8	5	3	119	83	36	9	6	3
Mathematics and statistics .....	33	19	14	24	14	10	0	0	0
Statistics, other .....	31	18	13	5	4	1	0	0	0
Mathematics and statistics, other .....	146	84	62	65	42	23	9	6	3
Military technologies and applied sciences .....	64	50	14	0	0	0	0	0	0
Intelligence, general .....	4	2	2	0	0	0	0	0	0
Military applied sciences, other .....	30	29	1	0	0	0	0	0	0
Military technologies and applied sciences, other .....	30	19	11	0	0	0	0	0	0
Multi/interdisciplinary studies .....	42,228	13,602	28,626	6,748	2,561	4,187	660	276	384
Multi/interdisciplinary studies, general .....	1,543	599	944	32	12	20	49	13	36
Biological and physical sciences .....	1,989	883	1,106	312	129	183	53	34	19
Peace studies and conflict resolution .....	350	114	236	618	208	410	26	9	17
Systems science and theory .....	209	138	71	187	88	99	18	8	10
Mathematics and computer science .....	119	88	31	25	18	7	15	12	3
Biopsychology .....	118	32	86	4	0	4	5	0	5
Gerontology .....	236	23	213	350	49	301	20	4	16
Historic preservation and conservation .....	120	31	89	193	52	141	1	1	0
Cultural resource management and policy analysis .....	7	7	0	50	15	35	1	1	0
Medieval and renaissance studies .....	63	15	48	26	12	14	9	5	4
Museology/museum studies .....	16	3	13	354	42	312	0	0	0
Science, technology and society .....	498	267	231	135	50	85	19	9	10
Accounting and computer science .....	6	2	4	13	11	2	0	0	0
Behavioral sciences .....	3,598	649	2,949	98	24	74	18	5	13
Natural sciences .....	493	206	287	120	51	69	3	3	0
Nutrition sciences .....	1,694	293	1,401	552	91	461	122	28	94
International/global studies .....	4,552	1,758	2,794	926	559	367	0	0	0
Holocaust and related studies .....	5	2	3	7	3	4	0	0	0
Ancient studies/civilization .....	111	43	68	8	4	4	4	2	2
Classical, ancient Mediterranean/Near Eastern studies/archaeology .....	127	33	94	6	1	5	8	6	2
Intercultural/multicultural and diversity studies .....	149	37	112	102	25	77	0	0	0
Cognitive science .....	483	241	242	46	26	20	32	19	13
Cultural studies/critical theory and analysis .....	69	32	37	0	0	0	0	0	0
Human biology .....	492	129	363	0	0	0	0	0	0
Dispute resolution .....	0	0	0	202	85	117	0	0	0
Maritime studies .....	16	5	11	0	0	0	0	0	0
Computational science .....	2	2	0	15	12	3	1	1	0
Human computer interaction .....	0	0	0	24	13	11	2	2	0
Marine sciences .....	30	8	22	28	13	15	7	4	3
Sustainability studies .....	135	80	55	89	48	41	4	2	2
Multi/interdisciplinary studies, other .....	24,998	7,882	17,116	2,226	920	1,306	243	108	135
Parks, recreation, leisure, and fitness studies .....	35,924	18,936	16,988	6,553	3,585	2,968	257	140	117
Parks, recreation and leisure studies .....	2,753	1,327	1,426	311	130	181	28	13	15
Parks, recreation and leisure facilities management .....	2,858	1,469	1,389	379	182	197	19	10	9
Golf course operation and grounds management .....	20	20	0	0	0	0	0	0	0
Parks, recreation and leisure facilities management, other .....	0	0	0	10	7	3	0	0	0
Health and physical education/fitness, general .....	8,188	4,207	3,981	1,247	658	589	29	17	12
Sport and fitness administration/management .....	6,277	4,507	1,770	2,626	1,668	958	18	14	4
Kinesiology and exercise science .....	14,439	6,679	7,760	1,810	865	945	139	79	56
Physical fitness technician .....	25	17	8	0	0	0	0	0	0
Sports studies .....	149	116	33	64	31	33	0	0	0
Health and physical education/fitness, other .....	1,025	474	551	57	19	38	25	7	18
Outdoor education .....	60	40	20	37	20	17	0	0	0
Parks, recreation, leisure, and fitness studies, other .....	130	80	50	12	5	7	3	0	3

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Philosophy and religious studies .....	12,836	8,149	4,687	1,833	1,166	667	805	530	275
Philosophy and religious studies, general .....	39	25	14	27	19	8	97	58	39
Philosophy .....	7,312	5,193	2,119	808	607	201	432	294	138
Logic .....	2	1	1	8	6	2	4	4	0
Ethics .....	54	16	38	24	12	12	0	0	0
Applied and professional ethics .....	17	11	6	5	2	3	0	0	0
Philosophy, other .....	131	83	48	0	0	0	7	7	0
Religion/religious studies .....	4,226	2,226	2,000	543	291	252	230	144	86
Christian studies .....	345	238	107	159	94	65	0	0	0
Islamic studies .....	8	0	8	7	3	4	2	2	0
Jewish/Judaic studies .....	174	62	112	79	26	53	9	6	3
Religion/religious studies, other .....	167	70	97	76	39	37	7	4	3
Philosophy and religious studies, other .....	361	224	137	97	67	30	17	11	6
Physical sciences and science technologies .....	24,712	14,782	9,930	6,386	3,907	2,479	5,295	3,608	1,687
Physical sciences .....	24,345	14,600	9,745	6,354	3,885	2,469	5,292	3,606	1,686
Physical sciences .....	318	177	141	40	22	18	18	12	6
Astronomy .....	202	128	74	131	79	52	111	73	38
Astrophysics .....	130	80	50	32	24	8	40	27	13
Planetary astronomy and science .....	2	2	0	4	1	3	8	4	4
Astronomy and astrophysics, other .....	30	18	12	18	11	7	7	5	2
Atmospheric sciences and meteorology, general .....	476	327	149	183	112	71	105	72	33
Atmospheric physics and dynamics .....	0	0	0	2	1	1	0	0	0
Meteorology .....	193	131	62	34	20	14	14	11	3
Atmospheric sciences and meteorology, other .....	9	3	6	2	2	0	1	1	0
Chemistry, general .....	12,194	6,249	5,945	2,177	1,162	1,015	2,472	1,505	967
Analytical chemistry .....	6	1	5	49	32	17	5	2	3
Inorganic chemistry .....	0	0	0	0	0	0	1	1	0
Organic chemistry .....	0	0	0	2	0	2	5	4	1
Physical chemistry .....	1	1	0	0	0	0	5	5	0
Polymer chemistry .....	1	1	0	6	4	2	30	25	5
Chemical physics .....	20	14	6	2	1	1	13	10	3
Environmental chemistry .....	2	1	1	0	0	0	4	1	3
Forensic chemistry .....	26	6	20	0	0	0	0	0	0
Chemistry, other .....	405	208	197	36	19	17	64	37	27
Geology/earth science, general .....	3,877	2,339	1,538	1,172	651	521	354	219	135
Geochemistry .....	15	6	9	8	5	3	6	3	3
Geophysics and seismology .....	104	70	34	76	44	32	58	37	21
Paleontology .....	4	3	1	3	2	1	0	0	0
Hydrology and water resources science .....	51	35	16	46	21	25	9	7	2
Geochemistry and petrology .....	0	0	0	1	1	0	0	0	0
Oceanography, chemical and physical .....	211	108	103	139	62	77	100	55	45
Geological and earth sciences/geosciences, other .....	355	194	161	123	73	50	40	15	25
Physics, general .....	4,955	4,003	952	1,572	1,216	356	1,525	1,256	269
Atomic/molecular physics .....	14	11	3	10	8	2	9	4	5
Elementary particle physics .....	0	0	0	0	0	0	2	2	0
Nuclear physics .....	0	0	0	6	5	1	9	5	4
Optics/optical sciences .....	37	29	8	78	63	15	43	35	8
Condensed matter and materials physics .....	0	0	0	2	2	0	10	9	1
Acoustics .....	12	12	0	19	11	8	6	5	1
Theoretical and mathematical physics .....	12	10	2	0	0	0	1	1	0
Physics, other .....	171	145	26	82	61	21	65	51	14
Materials science .....	110	73	37	146	101	45	131	92	39
Materials chemistry .....	0	0	0	7	5	2	5	4	1
Materials sciences, other .....	10	8	2	5	5	0	3	2	1
Physical sciences, other .....	392	207	185	141	59	82	13	9	4
Science technologies/technicians .....	367	182	185	32	22	10	3	2	1
Biology technician/biotechnology laboratory technician .....	59	22	37	0	0	0	3	2	1
Nuclear/nuclear power technology/technician .....	7	6	1	5	3	2	0	0	0
Chemical technology/technician .....	8	4	4	0	0	0	0	0	0
Physical science technologies/technicians, other .....	2	1	1	0	0	0	0	0	0
Science technologies/technicians, other .....	291	149	142	27	19	8	0	0	0
Precision production .....	43	22	21	5	3	2	0	0	0
Welding technology/welder .....	7	7	0	0	0	0	0	0	0
Furniture design and manufacturing .....	36	15	21	5	3	2	0	0	0
Psychology .....	100,893	23,229	77,664	25,051	5,118	19,933	5,851	1,481	4,370
Psychology, general .....	94,914	22,060	72,854	6,107	1,580	4,527	1,837	557	1,280
Cognitive psychology and psycholinguistics .....	68	24	44	10	1	9	8	2	6
Comparative psychology .....	2	0	2	5	1	4	0	0	0
Developmental and child psychology .....	853	62	791	185	18	167	42	7	35
Experimental psychology .....	339	82	257	90	37	53	84	25	59
Personality psychology .....	13	1	12	3	1	2	0	0	0
Physiological psychology/psychobiology .....	855	260	595	33	9	24	17	6	11
Social psychology .....	948	186	762	32	8	24	41	12	29
Psychometrics and quantitative psychology .....	0	0	0	14	3	11	7	2	5
Psychopharmacology .....	0	0	0	55	22	33	0	0	0
Research and experimental psychology, other .....	2	1	1	0	0	0	0	0	0
Clinical psychology .....	96	26	70	2,249	476	1,773	2,276	490	1,786
Community psychology .....	404	46	358	309	52	257	12	4	8
Counseling psychology .....	576	104	472	7,468	1,400	6,068	374	94	280
Industrial and organizational psychology .....	216	83	133	1,010	302	708	117	39	78
School psychology .....	0	0	0	1,688	233	1,455	303	57	246
Educational psychology .....	147	15	132	1,303	232	1,071	403	109	294
Clinical child psychology .....	2	1	1	28	4	24	35	5	30
Environmental psychology .....	13	6	7	17	6	11	1	1	0
Geropsychology .....	0	0	0	1	1	0	1	0	1
Health/medical psychology .....	41	8	33	20	4	16	2	0	2
Family psychology .....	15	1	14	45	12	33	3	0	3
Forensic psychology .....	496	91	405	658	109	549	34	7	27
Applied psychology .....	149	36	113	514	73	441	6	2	4

See notes at end of table.

**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Applied behavior analysis.....	263	28	235	225	26	199	23	6	17
Clinical, counseling and applied psychology, other.....	0	0	0	663	122	541	52	11	41
Psychology, other.....	481	108	373	2,319	386	1,933	173	45	128
Public administration and social service professions.....	26,774	4,908	21,866	38,634	9,793	28,841	851	327	524
Human services, general.....	5,188	649	4,539	1,337	302	1,035	59	22	37
Community organization and advocacy.....	2,064	490	1,574	602	189	413	3	1	2
Public administration.....	2,930	1,435	1,495	11,957	5,008	6,949	203	114	89
Public policy analysis, general.....	1,165	525	640	2,580	1,186	1,394	191	91	100
Education policy analysis.....	0	0	0	21	5	16	9	3	6
Health policy analysis.....	61	11	50	40	21	19	0	0	0
International policy analysis.....	0	0	0	38	22	16	0	0	0
Social work.....	15,136	1,729	13,407	21,173	2,831	18,342	322	71	251
Youth services/administration.....	8	2	6	3	1	2	0	0	0
Social work, other.....	42	4	38	90	8	82	0	0	0
Public administration and social service professions, other.....	180	63	117	793	220	573	64	25	39
Social sciences and history.....	177,144	89,814	87,330	21,084	10,578	10,506	4,390	2,331	2,059
Social sciences.....	142,145	68,991	73,154	17,081	8,351	8,730	3,482	1,834	1,648
Social sciences, general.....	9,988	3,488	6,500	611	229	382	20	8	12
Anthropology.....	9,677	2,898	6,779	1,154	373	781	576	228	348
Physical anthropology.....	16	7	9	7	0	7	0	0	0
Medical anthropology.....	0	0	0	1	0	1	0	0	0
Cultural anthropology.....	1	0	1	0	0	0	0	0	0
Anthropology, other.....	78	16	62	15	3	12	3	1	2
Archeology.....	232	67	165	66	18	48	17	9	8
Criminology.....	5,934	2,974	2,960	561	219	342	41	15	26
Demography and population studies.....	0	0	0	62	33	29	15	6	9
Economics, general.....	27,207	19,108	8,099	2,745	1,719	1,026	964	641	323
Applied economics.....	182	118	64	221	144	77	19	11	8
Econometrics and quantitative economics.....	276	200	76	5	4	1	0	0	0
Development economics and international development.....	338	88	250	381	152	229	16	12	4
International economics.....	177	78	99	223	89	134	15	8	7
Economics, other.....	348	217	131	156	95	61	4	4	0
Geography.....	4,597	3,010	1,587	842	482	360	238	133	105
Cartography.....	192	151	41	128	78	50	10	6	4
Geography, other.....	179	94	85	32	21	11	3	0	3
International relations and affairs.....	9,826	3,795	6,031	4,385	2,101	2,284	66	38	28
National security policy studies.....	9	6	3	162	123	39	0	0	0
International relations and national security studies, other.....	77	37	40	215	149	66	0	0	0
Political science and government, general.....	39,123	21,832	17,291	2,247	1,261	986	716	418	298
American government and politics (United States).....	170	105	65	187	115	72	0	0	0
Political economy.....	63	27	36	0	0	0	1	1	0
Political science and government, other.....	794	410	384	53	25	28	5	4	1
Sociology.....	29,271	8,900	20,371	1,559	527	1,032	656	246	410
Urban studies/affairs.....	1,039	491	548	503	184	319	62	29	33
Sociology and anthropology.....	267	70	197	8	1	7	0	0	0
Rural sociology.....	8	1	7	0	0	0	0	0	0
Social sciences, other.....	2,076	803	1,273	552	206	346	35	16	19
History.....	34,999	20,823	14,176	4,003	2,227	1,776	908	497	411
History, general.....	34,314	20,448	13,866	3,447	1,901	1,546	849	462	387
American history (United States).....	56	35	21	33	13	20	7	4	3
European history.....	40	21	19	2	0	2	0	0	0
History and philosophy of science and technology.....	138	60	78	44	30	14	27	19	8
Public/applied history and archival administration.....	35	13	22	166	40	126	3	0	3
Asian history.....	1	1	0	0	0	0	2	1	1
Military history.....	51	49	2	170	145	25	0	0	0
History, other.....	364	196	168	141	98	43	20	11	9
Theology and religious vocations.....	9,074	6,118	2,956	13,191	8,668	4,523	2,374	1,801	573
Bible/biblical studies.....	2,671	1,748	923	524	406	118	25	16	9
Missions/missionary studies and missiology.....	502	196	306	282	140	142	86	67	19
Religious education.....	762	390	372	602	356	246	58	32	26
Religious/sacred music.....	314	172	142	88	54	34	0	0	0
Theology/theological studies.....	1,049	671	378	4,087	2,806	1,281	556	437	119
Divinity/ministry.....	82	65	17	4,999	3,350	1,649	833	639	194
Pre-theology/pre-ministerial studies.....	200	166	34	1	1	0	0	0	0
Rabbinical studies.....	0	0	0	126	88	38	23	23	0
Talmudic studies.....	1,506	1,506	0	418	418	0	31	31	0
Theological and ministerial studies, other.....	397	229	168	626	386	240	349	284	65
Pastoral studies/counseling.....	451	307	144	687	270	417	149	96	53
Youth ministry.....	582	370	212	81	55	26	0	0	0
Urban ministry.....	36	13	23	29	20	9	0	0	0
Women's ministry.....	1	0	1	0	0	0	0	0	0
Lay ministry.....	40	24	16	56	13	43	0	0	0
Pastoral counseling and specialized ministries, other.....	136	52	84	123	49	74	24	20	4
Theology and religious vocations, other.....	345	209	136	462	256	206	240	156	84
Transportation and materials moving.....	4,941	4,345	596	1,390	1,161	229	0	0	0
Aeronautics/aviation/aerospace science and technology, general.....	2,586	2,308	278	106	80	26	0	0	0
Airline/commercial/professional pilot and flight crew.....	970	873	97	986	853	133	0	0	0
Aviation/airway management and operations.....	833	704	129	261	202	59	0	0	0
Air traffic controller.....	228	179	49	0	0	0	0	0	0
Flight instructor.....	9	8	1	0	0	0	0	0	0
Air transportation, other.....	4	4	0	31	22	9	0	0	0
Marine science/merchant marine officer.....	304	265	39	0	0	0	0	0	0
Transportation and materials moving, other.....	7	4	3	6	4	2	0	0	0
Visual and performing arts.....	93,956	36,341	57,615	16,277	6,882	9,395	1,646	770	876
Visual and performing arts, general.....	1,669	620	1,049	119	42	77	12	8	4
Digital arts.....	340	225	115	97	63	34	0	0	0
Crafts/craft design, folk art and artisanry.....	154	44	110	11	5	6	0	0	0

See notes at end of table.



**Table 317. Bachelor's, master's, and doctor's degrees conferred by degree-granting institutions, by sex of student and discipline division: 2010–11—Continued**

Discipline division	Bachelor's degrees			Master's degrees			Doctor's degrees <sup>1</sup>		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10
Dance, general .....	2,041	244	1,797	230	30	200	9	1	8
Ballet.....	27	3	24	6	1	5	0	0	0
Dance, other .....	21	1	20	4	0	4	4	1	3
Design and visual communications, general .....	2,872	1,060	1,812	407	158	249	3	2	1
Commercial and advertising art.....	1,675	629	1,046	166	63	103	0	0	0
Industrial design .....	1,397	929	468	156	86	70	0	0	0
Commercial photography.....	334	104	230	14	6	8	0	0	0
Fashion/apparel design .....	2,399	177	2,222	139	11	128	1	0	1
Interior design.....	4,205	366	3,839	358	55	303	0	0	0
Graphic design .....	5,542	2,266	3,276	271	94	177	0	0	0
Illustration .....	1,405	527	878	135	62	73	0	0	0
Game and interactive media design .....	948	778	170	90	68	22	0	0	0
Design and applied arts, other.....	892	382	510	333	136	197	1	0	1
Drama and dramatics/theatre arts, general.....	9,347	3,493	5,854	1,043	439	604	79	30	49
Technical theatre/theatre design and technology .....	413	185	228	147	59	88	0	0	0
Playwriting and screenwriting.....	146	92	54	133	72	61	0	0	0
Theatre literature, history and criticism.....	22	6	16	9	3	6	1	1	0
Acting.....	499	183	316	168	92	76	0	0	0
Directing and theatrical production .....	59	27	32	69	31	38	0	0	0
Musical theatre.....	235	84	151	0	0	0	0	0	0
Costume design.....	6	1	5	5	0	5	0	0	0
Dramatic/theatre arts and stagecraft, other.....	283	84	199	51	16	35	3	1	2
Film/cinema studies .....	2,774	1,737	1,037	368	206	162	32	15	17
Cinematography and film/video production .....	4,395	3,106	1,289	678	438	240	9	6	3
Photography .....	1,775	589	1,186	305	137	168	0	0	0
Documentary production .....	10	3	7	7	5	2	0	0	0
Film/video and photographic arts, other .....	805	484	321	86	37	49	0	0	0
Art/art studies, general .....	12,805	3,895	8,910	771	302	469	11	2	9
Fine/studio arts, general .....	9,891	3,187	6,704	1,495	614	881	0	0	0
Art history, criticism and conservation .....	3,707	451	3,256	765	118	647	223	48	175
Drawing.....	297	86	211	24	9	15	0	0	0
Intermedia/multimedia .....	440	222	218	35	20	15	0	0	0
Painting.....	655	216	439	196	69	127	0	0	0
Sculpture .....	310	138	172	65	32	33	0	0	0
Printmaking.....	203	65	138	50	19	31	0	0	0
Ceramic arts and ceramics.....	180	60	120	50	26	24	0	0	0
Fiber, textile and weaving arts .....	183	8	175	32	3	29	0	0	0
Metal and jewelry arts .....	101	21	80	27	5	22	0	0	0
Fine arts and art studies, other.....	1,298	443	855	316	95	221	3	0	3
Music, general .....	7,792	4,100	3,692	1,831	908	923	548	289	259
Music history, literature, and theory .....	121	50	71	56	25	31	17	9	8
Music performance, general .....	4,256	2,177	2,079	2,254	1,117	1,137	383	178	205
Music theory and composition .....	505	372	133	266	179	87	80	63	17
Musicology and ethnomusicology.....	39	19	20	66	20	46	51	25	26
Conducting .....	1	0	1	107	79	28	36	26	10
Keyboard instruments.....	115	53	62	161	60	101	42	18	24
Voice and opera.....	340	104	236	259	70	189	21	6	15
Jazz/jazz studies.....	291	250	41	105	87	18	6	5	1
Stringed instruments .....	179	83	96	178	70	108	21	8	13
Music pedagogy .....	50	21	29	54	25	29	10	7	3
Music technology .....	100	89	11	14	9	5	3	2	1
Brass instruments.....	27	13	14	18	9	9	3	2	1
Woodwind instruments .....	31	10	21	27	12	15	3	0	3
Percussion instruments .....	12	11	1	11	8	3	1	1	0
Music, other .....	677	441	236	241	146	95	14	8	6
Arts, entertainment, and media management, general .....	111	37	74	114	27	87	0	0	0
Fine and studio arts management.....	623	200	423	458	95	363	0	0	0
Music management .....	1,292	836	456	10	2	8	0	0	0
Theatre/theatre arts management.....	81	25	56	79	32	47	0	0	0
Arts, entertainment, and media management, other.....	0	0	0	4	0	4	0	0	0
Visual and performing arts, other .....	553	229	324	533	175	358	16	8	8
Not classified by field of study .....	0	0	0	0	0	0	0	0	0

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Aggregations by field of study derived from the Classification of Instructional Programs developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 318. Degrees conferred by degree-granting institutions, by control of institution and level of degree: 1969–70 through 2010–11**

Year	Public institutions				Private institutions											
					Total				Nonprofit				For-profit			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1969–70.....	170,966	519,550	134,545	33,725	35,057	272,766	79,044	25,761	—	—	—	—	—	—	—	—
1970–71.....	215,645	557,996	151,603	36,927	36,666	281,734	83,961	28,071	—	—	—	—	—	—	—	—
1971–72.....	255,218	599,615	167,075	40,297	36,796	287,658	90,126	30,909	—	—	—	—	—	—	—	—
1972–73.....	278,132	630,899	174,405	44,229	38,042	291,463	94,249	35,283	—	—	—	—	—	—	—	—
1973–74.....	303,188	651,544	184,632	45,018	40,736	294,232	97,442	37,573	—	—	—	—	—	—	—	—
1974–75.....	318,474	634,785	193,804	45,788	41,697	288,148	103,741	39,116	—	—	—	—	—	—	—	—
1975–76.....	345,006	635,161	206,298	47,517	46,448	290,585	111,179	43,490	—	—	—	—	—	—	—	—
1976–77.....	355,650	630,463	208,901	47,573	50,727	289,086	114,124	44,157	—	—	—	—	—	—	—	—
1977–78.....	358,874	627,903	202,099	47,553	53,372	293,301	115,888	44,792	—	—	—	—	—	—	—	—
1978–79.....	346,808	621,666	192,016	48,602	55,894	299,724	115,670	46,369	—	—	—	—	—	—	—	—
1979–80.....	344,536	624,084	187,499	48,550	56,374	305,333	117,697	47,081	—	—	—	—	—	—	—	—
1980–81.....	352,391	626,452	184,384	50,023	63,986 <sup>2</sup>	308,688	118,253	47,993	—	—	—	—	—	—	—	—
1981–82.....	366,732	636,475	182,295	50,500	67,794 <sup>2</sup>	316,523	120,152	47,338	—	—	—	—	—	—	—	—
1982–83.....	377,817	646,317	176,246	50,943	71,803 <sup>2</sup>	323,193	120,169	48,392	—	—	—	—	—	—	—	—
1983–84.....	379,249	646,013	170,693	50,727	72,991	328,296	120,448	50,072	—	—	—	—	—	—	—	—
1984–85.....	377,625	652,246	170,000	51,489	77,087	327,231	123,472	49,296	—	—	—	—	—	—	—	—
1985–86.....	369,052	658,586	169,903	51,001	76,995	329,237	125,947	49,279	—	—	—	—	—	—	—	—
1986–87.....	358,811	659,260	167,797	51,216	77,493	332,004	128,733	47,261	—	—	—	—	—	—	—	—
1987–88.....	354,180	658,491	173,778	51,641	80,905	336,338	132,005	47,498	—	—	—	—	—	—	—	—
1988–89.....	357,001	675,675	179,109	51,963	79,763	343,080	137,517	48,608	—	—	—	—	—	—	—	—
1989–90.....	375,635	700,015	186,104	53,451	79,467	351,329	144,048	50,057	42,497	344,569	142,681	49,655	36,970	6,760	1,367	402
1990–91.....	398,055	724,062	193,057	55,235	83,665	370,476	149,806	50,312	45,821	360,634	146,161	49,841	37,844	9,842	3,645	471
1991–92.....	420,265	759,475	203,398	56,186	83,966	377,078	154,691	53,368	45,700	370,718	153,291	52,830	38,266	6,360	1,400	538
1992–93.....	430,321	785,112	213,843	57,020	84,435	380,066	161,189	55,052	47,713	373,346	159,562	54,399	36,722	6,720	1,627	653
1993–94.....	444,373	789,148	221,428	58,366	86,259	380,127	171,609	54,270	48,493	371,561	168,718	53,502	37,766	8,566	2,891	768
1994–95.....	451,539	776,670	224,152	58,788	88,152	383,464	179,457	55,478	48,643	373,454	176,485	54,675	39,509	10,010	2,972	803
1995–96.....	454,291	774,070	227,179	59,398	100,925	390,722	185,001	56,109	50,678	379,916	181,142	55,506	50,247	10,806	3,859	603
1996–97.....	465,494	776,677	233,237	61,081	105,732	396,202	192,023	57,666	49,168	384,086	186,963	56,864	56,564	12,116	5,060	802
1997–98.....	455,084	784,296	235,922	60,948	103,471	400,110	200,115	57,787	47,625	386,455	194,048	57,089	55,846	13,655	6,067	698
1998–99.....	452,616	792,392	238,954	60,028	112,368	409,847	207,084	56,672	47,757	394,749	198,481	55,663	64,611	15,098	8,603	1,009
1999–2000.....	448,446	810,855	243,157	60,655	116,487	427,020	220,028	58,081	46,337	406,958	209,720	56,972	70,150	20,062	10,308	1,109
2000–01.....	456,487	812,438	246,054	60,820	122,378	431,733	227,448	58,765	45,711	408,701	215,815	57,722	76,667	23,032	11,633	1,043
2001–02.....	471,660	841,180	249,820	61,061	123,473	450,720	237,493	58,602	45,761	424,322	223,229	57,707	77,712	26,398	14,264	895
2002–03.....	498,279	875,596	265,643	61,611	135,737	473,215	253,056	59,968	46,183	442,060	238,069	58,894	89,554	31,155	14,987	1,074
2003–04.....	524,875	905,718	285,138	64,205	140,426	493,824	279,134	61,882	45,759	451,518	250,894	60,447	94,667	42,306	28,240	1,435
2004–05.....	547,519	932,443	291,505	67,511	149,141	506,821	288,646	66,876	45,344	457,963	253,564	65,278	103,797	48,858	35,082	1,598
2005–06.....	557,134	955,369	293,517	70,036	155,932	529,873	306,214	68,020	46,442	467,836	261,090	66,066	109,490	62,037	45,124	1,954
2006–07.....	566,535	975,513	291,971	73,085	161,579	548,579	318,626	71,605	43,829	477,805	267,690	69,239	117,750	70,774	50,936	2,366
2007–08.....	578,520	996,435	299,983	75,533	171,644	566,634	330,683	73,845	44,788	490,685	275,829	70,679	126,856	75,949	54,854	3,166
2008–09.....	596,098	1,020,435	308,206	77,268	191,227	580,933	353,873	77,157	46,929	496,260	290,393	73,446	144,298	84,673	63,480	3,711
2009–10.....	640,113	1,049,057	322,243	78,779	209,339	600,957	370,782	79,779	46,673	503,164	299,911	75,166	162,666	97,793	70,871	4,613
2010–11.....	696,788	1,088,297	339,250	81,938	245,539	627,616	391,385	81,827	51,969	513,106	313,200	76,608	193,570	114,510	78,185	5,219

—Not available.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

<sup>2</sup>Part of the increase is due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1969–70 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 319. Degrees conferred by degree-granting institutions, by control of institution, level of degree, and field of study: 2010–11**

Field of study	All institutions				Public institutions				Private nonprofit institutions				Private for-profit institutions			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All fields, total .....</b>	<b>942,327</b>	<b>1,715,913</b>	<b>730,635</b>	<b>163,765</b>	<b>696,788</b>	<b>1,088,297</b>	<b>339,250</b>	<b>81,938</b>	<b>51,969</b>	<b>513,106</b>	<b>313,200</b>	<b>76,608</b>	<b>193,570</b>	<b>114,510</b>	<b>78,185</b>	<b>5,219</b>
Agriculture and natural resources.....	6,425	28,623	5,773	1,246	6,184	24,117	4,552	1,164	241	4,333	1,174	82	0	173	47	0
Architecture and related services .....	569	9,832	7,788	205	539	7,074	4,732	138	30	2,698	2,972	67	0	60	84	0
Area, ethnic, cultural, gender, and group studies .....	209	9,100	1,914	278	197	5,804	1,113	164	12	3,295	801	114	0	1	0	0
Biological and biomedical sciences .....	3,245	90,003	11,327	7,693	3,105	61,716	6,842	5,118	140	28,184	4,485	2,575	0	103	0	0
Business .....	139,986	365,093	187,213	2,286	79,094	201,761	65,397	879	11,673	113,747	85,326	616	49,219	49,585	36,490	791
Communication, journalism, and related programs .....	3,051	83,274	8,303	577	2,793	58,734	3,849	463	101	23,578	4,407	114	157	962	47	0
Communications technologies.....	4,209	4,858	502	1	2,907	1,347	96	0	186	1,437	231	1	1,116	2,074	175	0
Computer and information sciences .....	37,677	43,072	19,446	1,588	17,905	20,912	10,008	1,085	1,790	10,241	7,628	483	17,982	11,919	1,810	20
Construction trades .....	5,402	328	0	0	4,214	323	0	0	214	5	0	0	974	0	0	0
Education.....	20,459	103,992	185,009	9,623	16,001	72,538	87,350	5,451	674	29,474	78,038	2,918	3,784	1,980	19,621	1,254
Engineering .....	2,825	76,376	38,719	8,369	2,726	58,342	25,942	5,993	48	17,666	12,462	2,376	51	368	315	0
Engineering technologies and engineering-related fields <sup>2</sup> ....	35,521	16,187	4,515	56	23,525	12,707	2,734	32	1,342	1,737	1,559	24	10,654	1,743	222	0
English language and literature/letters .....	2,019	52,744	9,476	1,344	1,482	36,627	6,095	1,022	17	15,992	3,348	322	520	125	33	0
Family and consumer sciences .....	8,532	22,444	2,918	320	7,956	18,653	1,919	272	396	3,642	739	44	180	149	260	4
Foreign languages, literatures, and linguistics.....	1,876	21,706	3,727	1,158	1,525	15,084	2,713	746	351	6,617	1,014	412	0	5	0	0
Health professions and related programs .....	201,831	143,430	75,579	60,153	123,295	83,486	34,534	31,128	17,572	46,321	32,101	28,161	60,964	13,623	8,944	864
Homeland security, law enforcement, and firefighting .....	44,923	47,602	7,433	131	26,101	27,871	3,037	102	1,560	10,063	2,171	7	17,262	9,668	2,225	22
Legal professions and studies .....	11,620	4,429	6,300	44,877	5,578	2,084	1,729	15,099	586	1,267	4,364	28,484	5,456	1,078	207	1,294
Liberal arts and sciences, general studies, and humanities ..	306,670	46,727	3,971	95	294,203	32,102	1,527	37	9,625	14,462	2,394	34	2,842	163	50	24
Library science .....	160	96	7,727	50	160	96	6,350	48	0	0	1,377	2	0	0	0	0
Mathematics and statistics .....	1,644	17,182	5,843	1,586	1,626	11,512	4,246	1,146	18	5,666	1,597	440	0	4	0	0
Mechanic and repair technologies/technicians.....	19,969	226	0	0	11,503	166	0	0	1,832	60	0	0	6,634	0	0	0
Military technologies and applied sciences .....	856	64	0	0	810	42	0	0	34	5	0	0	12	17	0	0
Multi/interdisciplinary studies.....	23,729	42,228	6,748	660	18,987	29,273	3,656	434	131	9,586	2,529	226	4,611	3,369	563	0
Parks, recreation, leisure and fitness studies .....	2,366	35,924	6,553	257	1,596	26,591	4,797	241	181	9,086	1,617	16	589	247	139	0
Philosophy and religious studies .....	283	12,836	1,833	805	129	5,819	623	310	154	6,935	1,175	493	0	82	35	2
Physical sciences and science technologies.....	5,078	24,712	6,386	5,295	4,992	17,281	4,760	3,860	69	7,427	1,626	1,435	17	4	0	0
Precision production .....	3,254	43	5	0	2,857	6	0	0	82	37	5	0	315	0	0	0
Psychology .....	3,866	100,893	25,051	5,851	3,577	68,027	8,066	2,416	218	30,052	12,950	2,619	71	2,814	4,035	816
Public administration and social service professions.....	7,472	26,774	38,634	851	4,860	16,503	23,583	507	366	7,787	13,708	225	2,246	2,484	1,343	119
Social sciences and history .....	12,767	177,144	21,084	4,390	12,646	119,754	11,419	2,901	102	54,718	9,169	1,489	19	2,672	496	0
Social sciences .....	12,067	142,145	17,081	3,482	11,970	95,923	8,694	2,288	91	43,807	8,192	1,194	6	2,415	195	0
History .....	700	34,999	4,003	908	676	23,831	2,725	613	11	10,911	977	295	13	257	301	0
Theology and religious vocations .....	758	9,074	13,191	2,374	3	1	0	0	751	8,966	13,124	2,366	4	107	67	8
Transportation and materials moving.....	1,697	4,941	1,390	0	1,174	2,165	103	0	446	2,668	1,216	0	77	108	71	0
Visual and performing arts .....	21,379	93,956	16,277	1,646	12,538	49,779	7,478	1,182	1,027	35,354	7,893	463	7,814	8,823	906	1

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS

Fall survey: "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 320. Number of degree-granting institutions conferring degrees, by control, level of degree, and field of study: 2010–11**

Field of study	All institutions				Public institutions				Private nonprofit institutions				Private for-profit institutions			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>All fields, total .....</b>	<b>2,955</b>	<b>2,461</b>	<b>1,851</b>	<b>860</b>	<b>1,270</b>	<b>636</b>	<b>524</b>	<b>308</b>	<b>608</b>	<b>1,285</b>	<b>1,073</b>	<b>510</b>	<b>1,077</b>	<b>540</b>	<b>254</b>	<b>42</b>
Agriculture and natural resources.....	484	650	221	99	461	304	168	91	23	341	52	8	0	5	1	0
Architecture and related services .....	77	187	144	35	74	117	95	25	3	68	47	10	0	2	2	0
Area, ethnic, cultural, gender, and group studies .....	57	484	134	50	51	241	86	32	6	242	48	18	0	1	0	0
Biological and biomedical sciences .....	257	1,338	484	256	243	513	347	178	14	814	137	78	0	11	0	0
Business .....	1,954	1,959	1,178	178	1,123	578	411	96	274	925	563	59	557	456	204	23
Communication, journalism, and related programs .....	287	1,137	315	71	243	445	207	56	32	651	107	15	12	41	1	0
Communications technologies.....	328	211	20	1	281	53	7	0	13	67	10	1	34	91	3	0
Computer and information sciences .....	1,474	1,495	485	159	909	499	280	109	90	672	151	48	475	324	54	2
Construction trades .....	335	16	0	0	304	13	0	0	9	3	0	0	22	0	0	0
Education.....	773	1,245	1,154	367	648	452	464	213	90	761	612	132	35	32	78	22
Engineering .....	324	478	318	205	306	265	211	151	13	196	100	54	5	17	7	0
Engineering technologies and engineering-related fields <sup>2</sup> ....	1,152	372	163	14	860	224	117	7	49	61	45	7	243	87	1	0
English language and literature/letters .....	165	1,320	478	152	156	507	319	105	8	806	157	47	1	7	2	0
Family and consumer sciences/human sciences .....	576	336	156	44	548	200	111	35	20	130	42	8	8	6	3	1
Foreign languages, literatures, and linguistics.....	196	928	229	96	185	410	167	64	11	517	62	32	0	1	0	0
Health professions and related programs.....	1,935	1,319	949	433	1,081	509	381	206	211	642	463	216	643	168	105	11
Homeland security, law enforcement, and firefighting .....	1,356	924	264	17	869	327	150	15	99	358	85	1	388	239	29	1
Legal professions and studies .....	749	231	129	207	433	64	49	82	44	107	76	117	272	60	4	8
Liberal arts and sciences, general studies, and humanities ..	1,416	894	183	16	1,099	377	95	7	282	503	86	8	35	14	2	1
Library science .....	43	8	66	12	43	8	53	11	0	0	13	1	0	0	0	0
Mathematics and statistics .....	183	1,170	342	164	175	488	262	115	8	681	80	49	0	1	0	0
Mechanic and repair technologies/technicians.....	683	20	0	0	607	12	0	0	24	8	0	0	52	0	0	0
Military technologies and applied sciences .....	10	5	0	0	7	2	0	0	2	2	0	0	1	1	0	0
Multi/interdisciplinary studies.....	382	876	307	107	353	337	180	74	20	497	125	33	9	42	2	0
Parks, recreation, leisure and fitness studies .....	244	791	244	43	212	329	177	39	13	448	63	4	19	14	4	0
Philosophy and religious studies .....	61	924	219	116	43	309	96	58	18	613	122	57	0	2	1	1
Physical sciences and science technologies.....	347	1,084	333	213	337	476	245	149	9	607	88	64	1	1	0	0
Precision production .....	349	7	2	0	330	2	0	0	9	5	2	0	10	0	0	0
Psychology .....	208	1,398	659	299	184	509	322	149	23	852	301	130	1	37	36	20
Public administration and social services .....	345	772	474	117	304	328	294	80	25	406	157	35	16	38	23	2
Social sciences and history.....	274	1,354	466	194	245	519	316	134	25	817	148	60	4	18	2	0
Social sciences.....	260	1,273	382	176	235	504	262	122	22	753	119	54	3	16	1	0
History.....	112	1,218	355	139	105	481	272	98	6	731	81	41	1	6	2	0
Theology and religious vocations .....	86	404	343	155	1	1	0	0	84	400	342	154	1	3	1	1
Transportation and materials moving.....	104	86	15	0	91	51	6	0	8	31	7	0	5	4	2	0
Visual and performing arts .....	868	1,426	447	109	572	483	255	74	55	821	181	34	241	122	11	1

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

<sup>2</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS

Fall survey: "Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 321. Number of degree-granting institutions conferring doctor's degrees in dentistry, medicine, and law, and number of such degrees conferred, by sex of student: Selected years, 1949–50 through 2010–11**

Year	Dentistry (D.D.S. or D.M.D.)				Medicine (M.D.)				Law (LL.B. or J.D.)			
	Number of institutions conferring degrees	Number of degrees conferred			Number of institutions conferring degrees	Number of degrees conferred			Number of institutions conferring degrees	Number of degrees conferred		
		Total	Males	Females		Total	Males	Females		Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50.....	40	2,579	2,561	18	72	5,612	5,028	584	—	—	—	—
1951–52.....	41	2,918	2,895	23	72	6,201	5,871	330	—	—	—	—
1953–54.....	42	3,102	3,063	39	73	6,712	6,377	335	—	—	—	—
1955–56.....	42	3,009	2,975	34	73	6,810	6,464	346	131	8,262	7,974	288
1957–58.....	43	3,065	3,031	34	75	6,816	6,469	347	131	9,394	9,122	272
1959–60.....	45	3,247	3,221	26	79	7,032	6,645	387	134	9,240	9,010	230
1961–62.....	46	3,183	3,166	17	81	7,138	6,749	389	134	9,364	9,091	273
1963–64.....	46	3,180	3,168	12	82	7,303	6,878	425	133	10,679	10,372	307
1964–65.....	46	3,108	3,086	22	81	7,304	6,832	472	137	11,583	11,216	367
1965–66.....	47	3,178	3,146	32	84	7,673	7,170	503	136	13,246	12,776	470
1967–68.....	48	3,422	3,375	47	85	7,944	7,318	626	138	16,454	15,805	649
1968–69.....	—	3,408	3,376	32	—	8,025	7,415	610	—	17,053	16,373	680
1969–70.....	48	3,718	3,684	34	86	8,314	7,615	699	145	14,916	14,115	801
1970–71.....	48	3,745	3,703	42	89	8,919	8,110	809	147	17,421	16,181	1,240
1971–72.....	48	3,862	3,819	43	92	9,253	8,423	830	147	21,764	20,266	1,498
1972–73.....	51	4,047	3,992	55	97	10,307	9,388	919	152	27,205	25,037	2,168
1973–74.....	52	4,440	4,355	85	99	11,356	10,093	1,263	151	29,326	25,986	3,340
1974–75.....	52	4,773	4,627	146	104	12,447	10,818	1,629	154	29,296	24,881	4,415
1975–76.....	56	5,425	5,187	238	107	13,426	11,252	2,174	166	32,293	26,085	6,208
1976–77.....	57	5,138	4,764	374	109	13,461	10,891	2,570	169	34,104	26,447	7,657
1977–78.....	57	5,189	4,623	566	109	14,279	11,210	3,069	169	34,402	25,457	8,945
1978–79.....	58	5,434	4,794	640	109	14,786	11,381	3,405	175	35,206	25,180	10,026
1979–80.....	58	5,258	4,558	700	112	14,902	11,416	3,486	179	35,647	24,893	10,754
1980–81.....	58	5,460	4,672	788	116	15,505	11,672	3,833	176	36,331	24,563	11,768
1981–82.....	59	5,282	4,467	815	119	15,814	11,867	3,947	180	35,991	23,965	12,026
1982–83.....	59	5,585	4,631	954	118	15,484	11,350	4,134	177	36,853	23,550	13,303
1983–84.....	60	5,353	4,302	1,051	119	15,813	11,359	4,454	179	37,012	23,382	13,630
1984–85.....	59	5,339	4,233	1,106	120	16,041	11,167	4,874	181	37,491	23,070	14,421
1985–86.....	59	5,046	3,907	1,139	120	15,938	11,022	4,916	181	35,844	21,874	13,970
1986–87.....	58	4,741	3,603	1,138	121	15,428	10,431	4,997	179	36,056	21,561	14,495
1987–88.....	57	4,477	3,300	1,177	122	15,358	10,278	5,080	180	35,397	21,067	14,330
1988–89.....	58	4,265	3,124	1,141	124	15,460	10,310	5,150	182	35,634	21,069	14,565
1989–90.....	57	4,100	2,834	1,266	124	15,075	9,923	5,152	182	36,485	21,079	15,406
1990–91.....	55	3,699	2,510	1,189	121	15,043	9,629	5,414	179	37,945	21,643	16,302
1991–92.....	52	3,593	2,431	1,162	120	15,243	9,796	5,447	177	38,848	22,260	16,588
1992–93.....	55	3,605	2,383	1,222	122	15,531	9,679	5,852	184	40,302	23,182	17,120
1993–94.....	53	3,787	2,330	1,457	121	15,368	9,544	5,824	185	40,044	22,826	17,218
1994–95.....	53	3,897	2,480	1,417	119	15,537	9,507	6,030	183	39,349	22,592	16,757
1995–96.....	53	3,697	2,374	1,323	119	15,341	9,061	6,280	183	39,828	22,508	17,320
1996–97.....	52	3,784	2,387	1,397	118	15,571	9,121	6,450	184	40,079	22,548	17,531
1997–98.....	53	4,032	2,490	1,542	117	15,424	9,006	6,418	185	39,331	21,876	17,455
1998–99.....	53	4,143	2,673	1,470	118	15,566	8,972	6,594	185	38,297	21,102	17,195
1999–2000.....	54	4,250	2,547	1,703	118	15,286	8,761	6,525	190	38,152	20,638	17,514
2000–01.....	54	4,391	2,696	1,695	118	15,403	8,728	6,675	192	37,904	19,981	17,923
2001–02.....	53	4,239	2,608	1,631	118	15,237	8,469	6,768	192	38,981	20,254	18,727
2002–03.....	53	4,345	2,654	1,691	118	15,034	8,221	6,813	194	39,067	19,916	19,151
2003–04.....	53	4,335	2,532	1,803	118	15,442	8,273	7,169	195	40,209	20,332	19,877
2004–05.....	53	4,454	2,505	1,949	120	15,461	8,151	7,310	198	43,423	22,297	21,126
2005–06.....	54	4,389	2,435	1,954	119	15,455	7,900	7,555	197	43,440	22,597	20,843
2006–07.....	55	4,596	2,548	2,048	120	15,730	7,987	7,743	200	43,486	22,777	20,709
2007–08.....	55	4,795	2,661	2,134	120	15,646	7,935	7,711	201	43,769	23,197	20,572
2008–09.....	55	4,918	2,637	2,281	120	15,987	8,164	7,823	203	44,045	23,860	20,185
2009–10.....	55	5,062	2,745	2,317	120	16,356	8,468	7,888	205	44,345	23,394	20,951
2010–11.....	55	5,071	2,764	2,307	120	16,863	8,701	8,162	206	44,445	23,493	20,952

—Not available.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 through 1964–65; Higher Education General Information Sur-

vey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 322. Degrees conferred by degree-granting institutions in selected professional fields, by sex of student, control of institution, and field of study: Selected years, 1985–86 through 2010–11**

Control of institution and field of study	1985–86	1990–91	1995–96	2000–01	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09			2009–10			2010–11		
												Total	Males	Females	Total	Males	Females	Total	Males	Females
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
<b>Total, all institutions .....</b>	<b>73,910</b>	<b>71,948</b>	<b>76,734</b>	<b>79,707</b>	<b>80,698</b>	<b>80,897</b>	<b>83,041</b>	<b>87,289</b>	<b>87,655</b>	<b>90,064</b>	<b>91,309</b>	<b>92,004</b>	<b>46,900</b>	<b>45,104</b>	<b>94,103</b>	<b>47,538</b>	<b>46,565</b>	<b>95,749</b>	<b>48,801</b>	<b>46,948</b>
Dentistry (D.D.S. or D.M.D.) .....	5,046	3,699	3,697	4,391	4,239	4,345	4,335	4,454	4,389	4,596	4,795	4,918	2,637	2,281	5,062	2,745	2,317	5,071	2,764	2,307
Medicine (M.D.) .....	15,938	15,043	15,341	15,403	15,237	15,034	15,442	15,461	15,455	15,730	15,646	15,987	8,164	7,823	16,356	8,468	7,888	16,863	8,701	8,162
Optometry (O.D.) .....	1,029	1,115	1,231	1,289	1,280	1,281	1,275	1,252	1,198	1,311	1,304	1,338	466	872	1,335	457	878	1,322	475	847
Osteopathic medicine (D.O.) .....	1,547	1,459	1,895	2,450	2,416	2,596	2,722	2,762	2,718	2,992	3,232	3,665	1,798	1,867	3,890	1,979	1,911	4,141	2,121	2,020
Pharmacy (Pharm.D.) .....	903	1,244	2,555	6,324	7,076	7,474	8,221	8,885	9,292	10,439	10,932	11,291	4,011	7,280	11,873	4,297	7,576	12,274	4,694	7,580
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	589	650	528	474	439	382	343	347	331	555	431	250	181	491	276	215	543	318	225
Veterinary medicine (D.V.M.) .....	2,270	2,032	2,109	2,248	2,289	2,354	2,228	2,354	2,370	2,443	2,504	2,377	526	1,851	2,478	555	1,923	2,564	580	1,984
Chiropractic (D.C. or D.C.M.) .....	3,395	2,640	3,379	3,796	3,284	2,718	2,730	2,560	2,564	2,525	2,639	2,512	1,584	928	2,601	1,610	991	2,694	1,666	1,028
Law (LL.B. or J.D.) .....	35,844	37,945	39,828	37,904	38,981	39,067	40,209	43,423	43,440	43,486	43,769	44,045	23,860	20,185	44,345	23,394	20,951	44,445	23,493	20,952
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav., B.D., or Ord.) .....	7,283	5,695	5,879	5,026	5,195	5,360	5,332	5,533	5,666	5,990	5,751	5,362	3,586	1,776	5,672	3,757	1,915	5,832	3,989	1,843
Other <sup>1</sup> .....	43	487	170	348	227	229	165	262	216	221	182	78	18	60	0	0	0	0	0	0
<b>Total, public institutions .....</b>	<b>29,568</b>	<b>29,554</b>	<b>29,882</b>	<b>32,633</b>	<b>33,439</b>	<b>33,549</b>	<b>34,499</b>	<b>35,768</b>	<b>36,269</b>	<b>36,855</b>	<b>37,278</b>	<b>37,357</b>	<b>18,046</b>	<b>19,311</b>	<b>38,132</b>	<b>18,432</b>	<b>19,700</b>	<b>39,071</b>	<b>19,027</b>	<b>20,044</b>
Dentistry (D.D.S. or D.M.D.) .....	2,827	2,308	2,198	2,477	2,525	2,493	2,498	2,577	2,669	2,769	2,760	2,870	1,551	1,319	2,984	1,694	1,290	3,008	1,687	1,321
Medicine (M.D.) .....	9,991	9,364	9,370	9,408	9,390	9,276	9,418	9,536	9,650	9,733	9,646	9,795	5,042	4,753	10,043	5,208	4,835	10,577	5,522	5,055
Optometry (O.D.) .....	441	477	499	497	503	481	476	477	462	518	492	517	176	341	507	158	349	515	180	335
Osteopathic medicine (D.O.) .....	486	493	528	562	538	571	586	568	585	637	634	679	320	359	817	384	433	856	429	427
Pharmacy (Pharm.D.) .....	473	808	1,557	3,876	4,382	4,558	4,930	5,352	5,523	5,903	6,218	6,395	2,301	4,094	6,587	2,416	4,171	6,888	2,643	4,245
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	0	0	0	84	75	81	64	64	65	66	73	68	35	33	85	45	40	87	41	46
Veterinary medicine (D.V.M.) .....	1,931	1,814	1,889	2,017	2,052	2,023	1,912	2,033	2,048	2,116	2,123	1,968	443	1,525	2,048	465	1,583	2,134	485	1,649
Chiropractic (D.C. or D.C.M.) .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law (LL.B. or J.D.) .....	13,419	14,290	13,841	13,712	13,974	14,066	14,615	15,161	15,267	15,113	15,332	15,065	8,178	6,887	15,061	8,062	6,999	15,006	8,040	6,966
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav., B.D., or Ord.) .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other <sup>1</sup> .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Total, private institutions .....</b>	<b>44,342</b>	<b>42,394</b>	<b>46,852</b>	<b>47,074</b>	<b>47,259</b>	<b>47,348</b>	<b>48,542</b>	<b>51,521</b>	<b>51,386</b>	<b>53,209</b>	<b>54,031</b>	<b>54,647</b>	<b>28,854</b>	<b>25,793</b>	<b>55,971</b>	<b>29,106</b>	<b>26,865</b>	<b>56,678</b>	<b>29,774</b>	<b>26,904</b>
Dentistry (D.D.S. or D.M.D.) .....	2,219	1,391	1,499	1,914	1,714	1,852	1,837	1,877	1,720	1,827	2,035	2,048	1,086	962	2,078	1,051	1,027	2,063	1,077	986
Medicine (M.D.) .....	5,947	5,679	5,971	5,995	5,847	5,758	6,024	5,925	5,805	5,997	6,000	6,192	3,122	3,070	6,313	3,260	3,053	6,286	3,179	3,107
Optometry (O.D.) .....	588	638	732	792	777	800	799	775	736	793	812	821	290	531	828	299	529	807	295	512
Osteopathic medicine (D.O.) .....	1,061	966	1,367	1,888	1,878	2,025	2,136	2,194	2,133	2,355	2,598	2,986	1,478	1,508	3,073	1,595	1,478	3,285	1,692	1,593
Pharmacy (Pharm.D.) .....	430	436	998	2,448	2,694	2,916	3,291	3,533	3,769	4,536	4,714	4,896	1,710	3,186	5,286	1,881	3,405	5,386	2,051	3,335
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	589	650	444	399	358	318	279	282	265	482	363	215	148	406	231	175	456	277	179
Veterinary medicine (D.V.M.) .....	339	218	220	231	237	331	316	321	322	327	381	409	83	326	430	90	340	430	95	335
Chiropractic (D.C. or D.C.M.) .....	3,395	2,640	3,379	3,796	3,284	2,718	2,730	2,560	2,564	2,525	2,639	2,512	1,584	928	2,601	1,610	991	2,694	1,666	1,028
Law (LL.B. or J.D.) .....	22,425	23,655	25,987	24,192	25,007	25,001	25,594	28,262	28,173	28,373	28,437	28,980	15,682	13,298	29,284	15,332	13,952	29,439	15,453	13,986
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav., B.D., or Ord.) .....	7,283	5,695	5,879	5,026	5,195	5,360	5,332	5,533	5,666	5,990	5,751	5,362	3,586	1,776	5,672	3,757	1,915	5,832	3,989	1,843
Other <sup>1</sup> .....	43	487	170	348	227	229	165	262	216	221	182	78	18	60	0	0	0	0	0	0

<sup>1</sup>Includes naturopathic medicine and degrees that were not classified by field by the reporting institution.

NOTE: degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred," 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:91–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 323. Certificates below the associate's degree level conferred by degree-granting and non-degree-granting institutions, by race/ethnicity and sex of student: 1998–99 through 2010–11**

Year and sex	Number of certificates conferred to U.S. citizens and nonresident aliens								Percentage distribution of certificates conferred to U.S. citizens							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>Total</b>																
1998–99.....	555,883	345,359	92,800	76,833	27,920	7,510	—	5,461	100.0	62.7	16.9	14.0	5.1	1.4	—	
1999–2000.....	558,129	337,546	97,329	81,132	29,361	6,966	—	5,795	100.0	61.1	17.6	14.7	5.3	1.3	—	
2000–01.....	552,503	333,478	99,397	78,528	28,123	6,598	—	6,379	100.0	61.1	18.2	14.4	5.1	1.2	—	
2001–02.....	584,248	352,559	106,647	83,950	27,490	7,430	—	6,172	100.0	61.0	18.4	14.5	4.8	1.3	—	
2002–03.....	646,425	382,289	120,582	95,499	32,981	8,117	—	6,957	100.0	59.8	18.9	14.9	5.2	1.3	—	
2003–04.....	687,787	402,989	129,891	107,216	32,819	8,375	—	6,497	100.0	59.2	19.1	15.7	4.8	1.2	—	
2004–05.....	710,873	415,670	133,601	114,089	32,783	8,150	—	6,580	100.0	59.0	19.0	16.2	4.7	1.2	—	
2005–06.....	715,401	412,077	135,460	118,853	34,110	8,400	—	6,501	100.0	58.1	19.1	16.8	4.8	1.2	—	
2006–07.....	729,037	420,585	139,995	119,501	32,962	8,793	—	7,201	100.0	58.3	19.4	16.6	4.6	1.2	—	
2007–08.....	749,883	430,187	145,181	122,676	35,985	8,596	—	7,258	100.0	57.9	19.5	16.5	4.8	1.2	—	
2008–09.....	805,755	451,107	161,954	138,550	37,804	9,510	—	6,830	100.0	56.5	20.3	17.3	4.7	1.2	—	
2009–10.....	935,789	511,270	191,646	171,874	41,404	12,125	—	7,470	100.0	55.1	20.6	18.5	4.5	1.3	—	
2010–11.....	1,029,557	557,163	207,389	186,943	44,431	11,194	15,142	7,295	100.0	54.5	20.3	18.3	4.3	1.1	1.5	
<b>Males</b>																
1998–99.....	219,872	144,735	29,875	27,719	11,742	3,061	—	2,740	100.0	66.7	13.8	12.8	5.4	1.4	—	
1999–2000.....	226,110	143,634	33,792	30,337	13,082	2,862	—	2,403	100.0	64.2	15.1	13.6	5.8	1.3	—	
2000–01.....	223,951	143,144	34,381	28,685	12,072	2,719	—	2,950	100.0	64.8	15.6	13.0	5.5	1.2	—	
2001–02.....	235,275	152,226	36,482	29,749	10,938	3,226	—	2,654	100.0	65.4	15.7	12.8	4.7	1.4	—	
2002–03.....	254,238	161,001	40,080	33,925	12,930	3,506	—	2,796	100.0	64.0	15.9	13.5	5.1	1.4	—	
2003–04.....	257,138	161,684	40,809	36,157	12,713	3,135	—	2,640	100.0	63.5	16.0	14.2	5.0	1.2	—	
2004–05.....	259,261	161,126	41,644	38,297	12,448	3,068	—	2,678	100.0	62.8	16.2	14.9	4.9	1.2	—	
2005–06.....	259,737	158,747	41,863	40,752	12,790	3,219	—	2,366	100.0	61.7	16.3	15.8	5.0	1.3	—	
2006–07.....	269,589	164,939	44,870	40,958	12,622	3,527	—	2,673	100.0	61.8	16.8	15.3	4.7	1.3	—	
2007–08.....	283,266	172,398	48,024	43,085	13,527	3,452	—	2,780	100.0	61.5	17.1	15.4	4.8	1.2	—	
2008–09.....	302,615	179,968	53,948	47,876	14,354	3,862	—	2,607	100.0	60.0	18.0	16.0	4.8	1.3	—	
2009–10.....	355,380	205,335	65,492	60,820	15,933	5,079	—	2,721	100.0	58.2	18.6	17.2	4.5	1.4	—	
2010–11.....	391,683	223,759	71,853	66,374	16,997	4,761	4,982	2,957	100.0	57.6	18.5	17.1	4.4	1.2	1.3	
<b>Females</b>																
1998–99.....	336,011	200,624	62,925	49,114	16,178	4,449	—	2,721	100.0	60.2	18.9	14.7	4.9	1.3	—	
1999–2000.....	332,019	193,912	63,537	50,795	16,279	4,104	—	3,392	100.0	59.0	19.3	15.5	5.0	1.2	—	
2000–01.....	328,552	190,334	65,016	49,843	16,051	3,879	—	3,429	100.0	58.5	20.0	15.3	4.9	1.2	—	
2001–02.....	348,973	200,333	70,165	54,201	16,552	4,204	—	3,518	100.0	58.0	20.3	15.7	4.8	1.2	—	
2002–03.....	392,187	221,288	80,502	61,574	20,051	4,611	—	4,161	100.0	57.0	20.7	15.9	5.2	1.2	—	
2003–04.....	430,649	241,305	89,082	71,059	20,106	5,240	—	3,857	100.0	56.5	20.9	16.6	4.7	1.2	—	
2004–05.....	451,612	254,544	91,957	75,792	20,335	5,082	—	3,902	100.0	56.9	20.5	16.9	4.5	1.1	—	
2005–06.....	455,664	253,330	93,597	78,101	21,320	5,181	—	4,135	100.0	56.1	20.7	17.3	4.7	1.1	—	
2006–07.....	459,448	255,646	95,125	78,543	20,340	5,266	—	4,528	100.0	56.2	20.9	17.3	4.5	1.2	—	
2007–08.....	466,617	257,789	97,157	79,591	22,458	5,144	—	4,478	100.0	55.8	21.0	17.2	4.9	1.1	—	
2008–09.....	503,140	271,139	108,006	90,674	23,450	5,648	—	4,223	100.0	54.3	21.6	18.2	4.7	1.1	—	
2009–10.....	580,409	305,935	126,154	111,054	25,471	7,046	—	4,749	100.0	53.1	21.9	19.3	4.4	1.2	—	
2010–11.....	637,874	333,404	135,536	120,569	27,434	6,433	10,160	4,338	100.0	52.6	21.4	19.0	4.3	1.0	1.6	

—Not available.

NOTE: Includes less-than-1-year awards and 1- to less-than-4-year awards (excluding associate's degrees) conferred by degree-granting and non-degree-granting institutions participating in Title IV federal financial aid programs. Degree-granting institutions grant degrees at the associate's or higher level, while non-degree-granting institutions grant only awards below that level. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used

to estimate race/ethnicity for students whose race/ethnicity was not reported. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared June 2012.)





**Table 325. Associate's degrees conferred by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>849,452</b>	<b>552,863</b>	<b>113,905</b>	<b>112,211</b>	<b>44,021</b>	<b>10,337</b>	<b>16,115</b>	<b>942,327</b>	<b>604,110</b>	<b>128,703</b>	<b>125,616</b>	<b>45,876</b>	<b>41,474</b>	<b>4,402</b>	<b>10,173</b>	<b>11,275</b>	<b>16,574</b>
Agriculture and natural resources .....	5,894	5,350	68	252	43	155	26	6,425	5,942	56	209	54	42	12	93	39	32
Architecture and related services .....	552	318	25	138	52	2	17	569	310	24	161	53	51	2	4	2	15
Area, ethnic, cultural, gender, and group studies ...	199	41	38	31	5	79	5	209	45	24	38	4	3	1	90	3	5
Biological and biomedical sciences .....	2,664	1,407	246	499	352	55	105	3,245	1,656	281	653	480	436	44	50	36	89
Business .....	133,371	81,899	22,195	15,904	7,677	1,692	4,004	139,986	84,192	23,901	16,601	7,701	6,979	722	1,660	1,789	4,142
Communication, journalism, and related programs ..	2,839	1,887	278	412	138	26	98	3,051	1,955	286	506	153	131	22	20	30	101
Communications technologies .....	4,419	3,171	525	397	177	47	102	4,209	2,956	535	414	134	126	8	39	67	64
Computer and information sciences .....	32,466	21,309	5,253	3,443	1,618	342	501	37,677	25,050	5,911	3,730	1,747	1,613	134	349	335	555
Construction trades .....	4,617	3,749	412	285	86	72	13	5,402	4,282	518	385	83	76	7	78	44	12
Education .....	17,048	11,346	2,392	2,297	328	496	189	20,459	13,278	2,948	2,952	416	329	87	477	195	193
Engineering .....	2,508	1,637	172	305	222	20	152	2,825	1,794	187	367	229	207	22	43	25	180
Engineering technologies and engineering-related fields' .....	31,850	22,306	3,814	3,809	1,309	318	294	35,521	25,100	4,296	3,958	1,187	1,087	100	393	310	277
English language and literature/letters .....	1,658	908	165	402	122	23	38	2,019	1,080	244	476	161	150	11	15	17	26
Family and consumer sciences/human sciences ...	9,573	5,179	2,127	1,652	375	123	117	8,532	4,430	1,893	1,602	336	305	31	76	65	130
Foreign languages, literatures, and linguistics .....	1,683	1,141	85	357	52	7	41	1,876	1,193	84	421	62	48	14	16	29	71
Health professions and related programs .....	177,686	124,009	24,138	16,655	9,266	1,797	1,821	201,831	139,071	28,024	19,513	9,524	8,655	869	1,804	2,208	1,687
Homeland security, law enforcement, and firefighting....	37,260	23,559	6,137	6,213	763	437	151	44,923	27,248	7,667	7,691	1,039	827	212	466	670	142
Legal professions and studies .....	10,003	6,340	1,804	1,426	255	119	59	11,620	7,440	1,967	1,534	322	269	53	112	176	69
Liberal arts and sciences, general studies, and humanities .....	284,775	181,450	34,785	44,147	14,753	3,406	6,234	306,670	192,864	37,996	47,746	14,728	13,287	1,441	3,023	3,996	6,317
Library science .....	112	89	5	9	7	2	0	160	128	5	20	3	3	0	1	3	0
Mathematics and statistics .....	1,051	511	53	267	151	8	61	1,644	778	103	385	256	254	2	24	23	75
Mechanic and repair technologies/technicians .....	16,305	11,785	1,524	1,977	628	279	112	19,969	14,078	2,077	2,493	685	601	84	304	222	110
Military technologies and applied sciences .....	668	493	68	70	27	10	0	856	582	96	110	47	40	7	8	13	0
Multi/interdisciplinary studies .....	17,671	10,163	1,271	3,226	2,412	120	479	23,729	13,787	2,111	4,038	2,775	2,625	150	208	242	568
Parks, recreation, leisure, and fitness studies .....	2,016	1,321	292	268	77	26	32	2,366	1,457	350	372	88	64	24	38	21	40
Philosophy and religious studies .....	256	151	48	37	9	5	6	283	152	47	53	25	24	1	4	1	1
Physical sciences and science technologies .....	4,140	2,603	363	526	394	44	210	5,078	2,866	618	644	524	493	31	65	66	295
Precision production .....	2,787	2,388	116	145	71	52	15	3,254	2,741	153	216	79	68	11	39	20	6
Psychology .....	6,582	4,138	865	1,116	269	113	81	3,866	2,125	334	1,003	204	185	19	87	57	56
Public administration and social services .....	4,526	2,329	1,341	641	100	89	26	7,472	3,889	2,181	1,040	132	100	32	131	67	32
Social sciences and history .....	10,649	5,426	1,277	2,599	974	172	201	12,767	6,316	1,464	3,056	1,261	1,110	151	241	207	222
Social sciences .....	10,108	5,047	1,250	2,494	952	167	198	12,067	5,856	1,433	2,888	1,244	1,096	148	236	195	215
History .....	541	379	27	105	22	5	3	700	460	31	168	17	14	3	5	12	7
Theology and religious vocations .....	613	424	130	34	7	7	11	758	520	167	36	13	10	3	7	1	14
Transportation and materials moving .....	1,444	1,091	84	151	65	20	33	1,697	1,137	126	253	94	90	4	14	29	44
Visual and performing arts .....	19,567	12,945	1,809	2,521	1,237	174	881	21,379	13,668	2,029	2,940	1,277	1,186	91	194	267	1,004
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 326. Associate's degrees conferred to males by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>322,916</b>	<b>216,072</b>	<b>36,136</b>	<b>42,232</b>	<b>18,264</b>	<b>3,624</b>	<b>6,588</b>	<b>361,309</b>	<b>238,078</b>	<b>41,596</b>	<b>47,682</b>	<b>19,181</b>	<b>17,443</b>	<b>1,738</b>	<b>3,724</b>	<b>4,257</b>	<b>6,791</b>
Agriculture and natural resources .....	3,783	3,467	43	164	20	75	14	4,089	3,822	35	123	26	18	8	51	17	15
Architecture and related services .....	266	126	15	85	29	2	9	310	146	14	108	34	34	0	2	0	6
Area, ethnic, cultural, gender, and group studies ...	75	10	27	10	4	23	1	60	10	5	15	2	1	1	28	0	0
Biological and biomedical sciences .....	851	448	76	149	109	17	52	1,116	576	92	219	169	152	17	11	14	35
Business .....	48,168	30,563	6,663	5,889	3,004	497	1,552	51,171	31,677	7,199	6,260	3,119	2,847	272	572	705	1,639
Communication, journalism, and related programs ..	1,327	928	120	172	67	11	29	1,411	953	137	208	60	47	13	9	16	28
Communications technologies .....	3,038	2,170	380	288	105	26	69	2,774	1,932	390	269	86	81	5	22	45	30
Computer and information sciences .....	24,682	16,655	3,493	2,677	1,284	237	336	29,060	19,743	4,093	2,961	1,383	1,290	93	231	262	387
Construction trades .....	4,350	3,564	373	257	75	70	11	5,105	4,077	478	354	79	72	7	73	35	9
Education .....	2,352	1,646	303	244	45	84	30	2,733	1,900	311	307	57	45	12	95	27	36
Engineering .....	2,176	1,456	147	252	184	14	123	2,426	1,552	154	306	199	178	21	38	23	154
Engineering technologies and engineering-related fields' .....	27,562	19,536	3,125	3,300	1,121	251	229	31,094	22,208	3,616	3,441	1,026	941	85	332	250	221
English language and literature/letters .....	561	307	50	152	36	7	9	647	335	62	180	56	52	4	4	3	7
Family and consumer sciences/human sciences ...	495	238	110	90	39	10	8	358	166	75	76	19	17	2	4	7	11
Foreign languages, literatures, and linguistics .....	318	193	10	87	16	1	11	377	203	16	97	23	18	5	2	10	26
Health professions and related programs .....	25,904	16,692	3,066	2,957	2,466	280	443	30,073	19,380	3,649	3,478	2,479	2,283	196	275	407	405
Homeland security, law enforcement, and firefighting....	19,876	14,251	1,928	2,939	482	198	78	23,931	16,252	2,597	3,796	711	579	132	202	302	71
Legal professions and studies .....	1,203	698	224	197	52	25	7	1,835	1,100	330	271	79	70	9	26	21	8
Liberal arts and sciences, general studies, and humanities .....	110,701	72,694	11,868	16,071	6,236	1,206	2,626	118,556	76,780	13,026	17,332	6,209	5,631	578	1,044	1,493	2,672
Library science .....	20	16	0	1	3	0	0	21	15	0	5	1	1	0	0	0	0
Mathematics and statistics .....	725	355	46	179	96	7	42	1,024	521	55	226	139	137	2	14	14	55
Mechanic and repair technologies/technicians .....	15,479	11,227	1,407	1,878	594	263	110	18,998	13,455	1,933	2,369	663	581	82	269	205	104
Military technologies and applied sciences .....	531	405	44	56	19	7	0	693	481	72	88	38	33	5	5	9	0
Multi/interdisciplinary studies .....	6,960	4,216	458	1,106	925	42	213	8,905	5,401	620	1,436	1,057	1,008	49	78	90	223
Parks, recreation, leisure, and fitness studies .....	1,223	802	199	145	49	14	14	1,432	863	253	200	55	35	20	20	12	29
Philosophy and religious studies .....	163	101	23	27	6	4	2	177	113	22	34	6	5	1	2	0	0
Physical sciences and science technologies .....	2,549	1,642	197	331	214	24	141	2,958	1,840	265	373	241	231	10	35	31	173
Precision production .....	2,609	2,235	109	138	71	45	11	3,024	2,556	141	202	73	63	10	29	17	6
Psychology .....	1,271	775	147	236	73	24	16	896	460	65	253	67	62	5	26	13	12
Public administration and social services .....	662	331	189	103	16	17	6	1,025	488	328	142	31	23	8	20	11	5
Social sciences and history .....	3,809	2,077	393	826	382	52	79	4,511	2,412	417	984	450	408	42	88	83	77
Social sciences .....	3,499	1,868	376	760	368	48	79	4,111	2,155	398	880	441	400	41	85	77	75
History .....	310	209	17	66	14	4	0	400	257	19	104	9	8	1	3	6	2
Theology and religious vocations .....	306	206	67	20	5	4	4	395	271	82	19	9	8	1	5	1	8
Transportation and materials moving .....	1,235	958	69	123	50	19	16	1,418	980	97	207	76	73	3	13	24	21
Visual and performing arts .....	7,686	5,084	767	1,083	387	68	297	8,706	5,410	967	1,343	459	419	40	99	110	318
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 327. Associate's degrees conferred to females by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All fields, total .....	526,536	336,791	77,769	69,979	25,757	6,713	9,527	581,018	366,032	87,107	77,934	26,695	24,031	2,664	6,449	7,018	9,783
Agriculture and natural resources.....	2,111	1,883	25	88	23	80	12	2,336	2,120	21	86	28	24	4	42	22	17
Architecture and related services .....	286	192	10	53	23	0	8	259	164	10	53	19	17	2	2	2	9
Area, ethnic, cultural, gender, and group studies ...	124	31	11	21	1	56	4	149	35	19	23	2	2	0	62	3	5
Biological and biomedical sciences.....	1,813	959	170	350	243	38	53	2,129	1,080	189	434	311	284	27	39	22	54
Business.....	85,203	51,336	15,532	10,015	4,673	1,195	2,452	88,815	52,515	16,702	10,341	4,582	4,132	450	1,088	1,084	2,503
Communication, journalism, and related programs ..	1,512	959	158	240	71	15	69	1,640	1,002	149	298	93	84	9	11	14	73
Communications technologies.....	1,381	1,001	145	109	72	21	33	1,435	1,024	145	145	48	45	3	17	22	34
Computer and information sciences .....	7,784	4,654	1,760	766	334	105	165	8,617	5,307	1,818	769	364	323	41	118	73	168
Construction trades .....	267	185	39	28	11	2	2	297	205	40	31	4	4	0	5	9	3
Education.....	14,696	9,700	2,089	2,053	283	412	159	17,726	11,378	2,637	2,645	359	284	75	382	168	157
Engineering .....	332	181	25	53	38	6	29	399	242	33	61	30	29	1	5	2	26
Engineering technologies and engineering-related fields' .....	4,288	2,770	689	509	188	67	65	4,427	2,892	680	517	161	146	15	61	60	56
English language and literature/letters .....	1,097	601	115	250	86	16	29	1,372	745	182	296	105	98	7	11	14	19
Family and consumer sciences/human sciences ...	9,078	4,941	2,017	1,562	336	113	109	8,174	4,264	1,818	1,526	317	288	29	72	58	119
Foreign languages, literatures, and linguistics.....	1,365	948	75	270	36	6	30	1,499	990	68	324	39	30	9	14	19	45
Health professions and related programs.....	151,782	107,317	21,072	13,698	6,800	1,517	1,378	171,758	119,691	24,375	16,035	7,045	6,372	673	1,529	1,801	1,282
Homeland security, law enforcement, and firefighting....	17,384	9,308	4,209	3,274	281	239	73	20,992	10,996	5,070	3,895	328	248	80	264	368	71
Legal professions and studies .....	8,800	5,642	1,580	1,229	203	94	52	9,785	6,340	1,637	1,263	243	199	44	86	155	61
Liberal arts and sciences, general studies, and humanities.....	174,074	108,756	22,917	28,076	8,517	2,200	3,608	188,114	116,084	24,970	30,414	8,519	7,656	863	1,979	2,503	3,645
Library science.....	92	73	5	8	4	2	0	139	113	5	15	2	2	0	1	3	0
Mathematics and statistics .....	326	156	7	88	55	1	19	620	257	48	159	117	117	0	10	9	20
Mechanic and repair technologies/technicians .....	826	558	117	99	34	16	2	971	623	144	124	22	20	2	35	17	6
Military technologies and applied sciences .....	137	88	24	14	8	3	0	163	101	24	22	9	7	2	3	4	0
Multi/interdisciplinary studies .....	10,711	5,947	813	2,120	1,487	78	266	14,824	8,386	1,491	2,602	1,718	1,617	101	130	152	345
Parks, recreation, leisure, and fitness studies.....	793	519	93	123	28	12	18	934	594	97	172	33	29	4	18	9	11
Philosophy and religious studies .....	93	50	25	10	3	1	4	106	39	25	19	19	19	0	2	1	1
Physical sciences and science technologies.....	1,591	961	166	195	180	20	69	2,120	1,026	353	271	283	262	21	30	35	122
Precision production.....	178	153	7	7	0	7	4	230	185	12	14	6	5	1	10	3	0
Psychology.....	5,311	3,363	718	880	196	89	65	2,970	1,665	269	750	137	123	14	61	44	44
Public administration and social services .....	3,864	1,998	1,152	538	84	72	20	6,447	3,401	1,853	898	101	77	24	111	56	27
Social sciences and history .....	6,840	3,349	884	1,773	592	120	122	8,256	3,904	1,047	2,072	811	702	109	153	124	145
Social sciences .....	6,609	3,179	874	1,734	584	119	119	7,956	3,701	1,035	2,008	803	696	107	151	118	140
History.....	231	170	10	39	8	1	3	300	203	12	64	8	6	2	2	6	5
Theology and religious vocations .....	307	218	63	14	2	3	7	363	249	85	17	4	2	2	2	0	6
Transportation and materials moving.....	209	133	15	28	15	1	17	279	157	29	46	18	17	1	1	5	23
Visual and performing arts .....	11,881	7,861	1,042	1,438	850	106	584	12,673	8,258	1,062	1,597	818	767	51	95	157	686
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 328. Bachelor's degrees conferred by degree-granting institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2010–11**

Year and sex	Number of degrees conferred to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred to U.S. citizens							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>Total</b>																
1976–77 <sup>1</sup>	917,900	807,688	58,636	18,743	13,793	3,326	—	15,714	100.0	89.5	6.5	2.1	1.5	0.4	—	
1980–81 <sup>2</sup>	934,800	807,319	60,673	21,832	18,794	3,593	—	22,589	100.0	88.5	6.7	2.4	2.1	0.4	—	
1990–91	1,094,538	914,093	66,375	37,342	42,529	4,583	—	29,616	100.0	85.8	6.2	3.5	4.0	0.4	—	
1994–95	1,160,134	914,610	87,236	54,230	60,502	6,610	—	36,946	100.0	81.4	7.8	4.8	5.4	0.6	—	
1995–96	1,164,792	905,846	91,496	58,351	64,433	6,976	—	37,690	100.0	80.4	8.1	5.2	5.7	0.6	—	
1996–97	1,172,879	900,809	94,349	62,509	68,859	7,425	—	38,928	100.0	79.4	8.3	5.5	6.1	0.7	—	
1997–98	1,184,406	901,344	98,251	66,005	71,678	7,903	—	39,225	100.0	78.7	8.6	5.8	6.3	0.7	—	
1998–99	1,202,239	909,562	101,910	69,735	74,126	8,658	—	38,248	100.0	78.1	8.8	6.0	6.4	0.7	—	
1999–2000	1,237,875	929,102	108,018	75,063	77,909	8,717	—	39,066	100.0	77.5	9.0	6.3	6.5	0.7	—	
2000–01	1,244,171	927,357	111,307	77,745	78,902	9,049	—	39,811	100.0	77.0	9.2	6.5	6.6	0.8	—	
2001–02	1,291,900	958,597	116,623	82,966	83,093	9,165	—	41,456	100.0	76.7	9.3	6.6	6.6	0.7	—	
2002–03	1,348,811	994,616	124,253	89,029	87,964	9,875	—	43,074	100.0	76.2	9.5	6.8	6.7	0.8	—	
2003–04	1,399,542	1,026,114	131,241	94,644	92,073	10,638	—	44,832	100.0	75.7	9.7	7.0	6.8	0.8	—	
2004–05	1,439,264	1,049,141	136,122	101,124	97,209	10,307	—	45,361	100.0	75.3	9.8	7.3	7.0	0.7	—	
2005–06	1,485,242	1,075,561	142,420	107,588	102,376	10,940	—	46,357	100.0	74.7	9.9	7.5	7.1	0.8	—	
2006–07	1,524,092	1,099,850	146,653	114,936	105,297	11,455	—	45,901	100.0	74.4	9.9	7.8	7.1	0.8	—	
2007–08	1,563,069	1,122,675	152,457	123,048	109,058	11,509	—	44,322	100.0	73.9	10.0	8.1	7.2	0.8	—	
2008–09	1,601,368	1,144,614	156,615	129,527	112,508	12,221	—	45,883	100.0	73.6	10.1	8.3	7.2	0.8	—	
2009–10	1,650,014	1,167,499	164,844	140,316	117,422	12,399	—	47,534	100.0	72.9	10.3	8.8	7.3	0.8	—	
2010–11	1,715,913	1,182,405	173,017	154,063	121,066	11,933	20,804	52,625	100.0	71.1	10.4	9.3	7.3	0.7	1.3	
<b>Males</b>																
1976–77 <sup>1</sup>	494,424	438,161	25,147	10,318	7,638	1,804	—	11,356	100.0	90.7	5.2	2.1	1.6	0.4	—	
1980–81 <sup>2</sup>	469,625	406,173	24,511	10,810	10,107	1,700	—	16,324	100.0	89.6	5.4	2.4	2.2	0.4	—	
1990–91	504,045	421,290	24,800	16,598	21,203	1,938	—	18,216	100.0	86.7	5.1	3.4	4.4	0.4	—	
1994–95	526,131	417,878	31,793	23,626	28,992	2,739	—	21,103	100.0	82.7	6.3	4.7	5.7	0.5	—	
1995–96	522,454	409,565	32,974	25,029	30,669	2,885	—	21,332	100.0	81.7	6.6	5.0	6.1	0.6	—	
1996–97	520,515	403,366	33,616	26,318	32,521	2,996	—	21,698	100.0	80.9	6.7	5.3	6.5	0.6	—	
1997–98	519,956	399,553	34,510	27,677	33,445	3,151	—	21,620	100.0	80.2	6.9	5.6	6.7	0.6	—	
1998–99	519,961	398,310	34,856	28,477	34,179	3,407	—	20,732	100.0	79.8	7.0	5.7	6.8	0.7	—	
1999–2000	530,367	402,954	37,029	30,304	35,853	3,463	—	20,764	100.0	79.1	7.3	5.9	7.0	0.7	—	
2000–01	531,840	401,780	38,103	31,368	35,865	3,700	—	21,024	100.0	78.7	7.5	6.1	7.0	0.7	—	
2001–02	549,816	414,892	39,196	32,951	37,660	3,624	—	21,493	100.0	78.5	7.4	6.2	7.1	0.7	—	
2002–03	573,258	430,248	41,494	35,101	40,230	3,870	—	22,315	100.0	78.1	7.5	6.4	7.3	0.7	—	
2003–04	595,425	445,483	43,851	37,288	41,360	4,244	—	23,199	100.0	77.9	7.7	6.5	7.2	0.7	—	
2004–05	613,000	456,592	45,810	39,490	43,711	4,143	—	23,254	100.0	77.4	7.8	6.7	7.4	0.7	—	
2005–06	630,600	467,467	48,079	41,814	45,809	4,203	—	23,228	100.0	77.0	7.9	6.9	7.5	0.7	—	
2006–07	649,570	480,558	49,685	44,750	47,582	4,505	—	22,490	100.0	76.6	7.9	7.1	7.6	0.7	—	
2007–08	667,928	492,137	52,247	47,884	49,485	4,523	—	21,652	100.0	76.1	8.1	7.4	7.7	0.7	—	
2008–09	685,382	503,357	53,473	50,629	50,741	4,849	—	22,333	100.0	75.9	8.1	7.6	7.7	0.7	—	
2009–10	706,633	513,717	56,171	55,092	53,377	4,875	—	23,401	100.0	75.2	8.2	8.1	7.8	0.7	—	
2010–11	734,133	519,883	59,119	60,742	55,290	4,798	8,123	26,178	100.0	73.4	8.4	8.6	7.8	0.7	1.1	
<b>Females</b>																
1976–77 <sup>1</sup>	423,476	369,527	33,489	8,425	6,155	1,522	—	4,358	100.0	88.2	8.0	2.0	1.5	0.4	—	
1980–81 <sup>2</sup>	465,175	401,146	36,162	11,022	8,687	1,893	—	6,265	100.0	87.4	7.9	2.4	1.9	0.4	—	
1990–91	590,493	492,803	41,575	20,744	21,326	2,645	—	11,400	100.0	85.1	7.2	3.6	3.7	0.5	—	
1994–95	634,003	496,732	55,443	30,604	31,510	3,871	—	15,843	100.0	80.4	9.0	5.0	5.1	0.6	—	
1995–96	642,338	496,281	58,522	33,322	33,764	4,091	—	16,358	100.0	79.3	9.3	5.3	5.4	0.7	—	
1996–97	652,364	497,443	60,733	36,191	36,338	4,429	—	17,230	100.0	78.3	9.6	5.7	5.7	0.7	—	
1997–98	664,450	501,791	63,741	38,328	38,233	4,752	—	17,605	100.0	77.6	9.9	5.9	5.9	0.7	—	
1998–99	682,278	511,252	67,054	41,258	39,947	5,251	—	17,516	100.0	76.9	10.1	6.2	6.0	0.8	—	
1999–2000	707,508	526,148	70,989	44,759	42,056	5,254	—	18,302	100.0	76.3	10.3	6.5	6.1	0.8	—	
2000–01	712,331	525,577	73,204	46,377	43,037	5,349	—	18,787	100.0	75.8	10.6	6.7	6.2	0.8	—	
2001–02	742,084	543,705	77,427	50,015	45,433	5,541	—	19,963	100.0	75.3	10.7	6.9	6.3	0.8	—	
2002–03	775,553	564,368	82,759	53,928	47,734	6,005	—	20,759	100.0	74.8	11.0	7.1	6.3	0.8	—	
2003–04	804,117	580,631	87,390	57,356	50,713	6,394	—	21,633	100.0	74.2	11.2	7.3	6.5	0.8	—	
2004–05	826,264	592,549	90,312	61,634	53,498	6,164	—	22,107	100.0	73.7	11.2	7.7	6.7	0.8	—	
2005–06	854,642	608,094	94,341	65,774	56,567	6,737	—	23,129	100.0	73.1	11.3	7.9	6.8	0.8	—	
2006–07	874,522	619,292	96,968	70,186	57,715	6,950	—	23,411	100.0	72.8	11.4	8.2	6.8	0.8	—	
2007–08	895,141	630,538	100,210	75,164	59,573	6,986	—	22,670	100.0	72.3	11.5	8.6	6.8	0.8	—	
2008–09	915,986	641,257	103,142	78,898	61,767	7,372	—	23,550	100.0	71.9	11.6	8.8	6.9	0.8	—	
2009–10	943,381	653,782	108,673	85,224	64,045	7,524	—	24,133	100.0	71.1	11.8	9.3	7.0	0.8	—	
2010–11	981,780	662,522	113,898	93,321	65,776	7,135	12,681	26,447	100.0	69.3	11.9	9.8	6.9	0.7	1.3	

—Not available.

<sup>1</sup>Excludes 1,121 males and 528 females whose racial/ethnic group was not available.

<sup>2</sup>Excludes 258 males and 82 females whose racial/ethnic group was not available.

NOTE: Data through 1994–95 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for stu-

dents whose race/ethnicity was not reported. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 329. Bachelor's degrees conferred by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>1,650,014</b>	<b>1,167,499</b>	<b>164,844</b>	<b>140,316</b>	<b>117,422</b>	<b>12,399</b>	<b>47,534</b>	<b>1,715,913</b>	<b>1,182,405</b>	<b>173,017</b>	<b>154,063</b>	<b>121,066</b>	<b>116,794</b>	<b>4,272</b>	<b>11,933</b>	<b>20,804</b>	<b>52,625</b>
Agriculture and natural resources .....	26,336	22,430	829	1,249	1,180	243	405	28,623	24,278	811	1,469	1,121	1,080	41	240	268	436
Architecture and related services .....	10,051	6,983	500	1,175	911	61	421	9,832	6,619	493	1,228	874	857	17	51	116	451
Area, ethnic, cultural, gender, and group studies ...	8,621	4,757	1,173	1,266	1,053	178	194	9,100	4,534	1,447	1,446	986	943	43	206	266	215
Biological and biomedical sciences .....	86,400	55,235	6,714	6,363	15,027	573	2,488	90,003	56,460	6,885	6,960	15,234	15,008	226	567	1,178	2,719
Business .....	358,293	241,716	41,874	30,176	26,316	2,293	15,918	365,093	238,786	42,572	32,394	27,510	26,583	927	2,269	3,541	18,021
Communication, journalism, and related programs ..	81,266	60,678	8,410	6,433	3,640	492	1,613	83,274	60,577	8,761	6,958	3,674	3,492	182	486	1,008	1,810
Communications technologies .....	4,782	3,391	478	455	304	33	121	4,858	3,360	519	494	264	257	7	27	69	125
Computer and information sciences .....	39,589	26,565	4,565	2,942	3,372	279	1,866	43,072	28,031	4,914	3,390	3,916	3,804	112	251	545	2,025
Construction trades .....	273	258	2	5	6	2	0	328	295	8	11	8	5	3	1	1	4
Education .....	101,265	84,474	6,808	6,109	1,990	898	986	103,992	85,234	7,115	6,585	2,290	1,843	447	856	787	1,125
Engineering .....	72,654	50,456	3,236	5,043	9,011	388	4,520	76,376	51,718	3,245	5,549	9,344	9,220	124	334	925	5,261
Engineering technologies and engineering-related fields' .....	15,596	11,858	1,452	1,062	656	137	431	16,187	11,989	1,506	1,229	711	694	17	155	137	460
English language and literature/letters .....	53,231	41,617	4,028	4,090	2,614	361	521	52,744	40,147	3,942	4,507	2,473	2,367	106	332	786	557
Family and consumer sciences/human sciences ...	21,818	16,065	2,457	1,633	1,155	219	289	22,444	16,065	2,623	1,837	1,171	1,132	39	196	238	314
Foreign languages, literatures, and linguistics .....	21,516	15,227	880	3,545	1,344	125	395	21,706	14,821	922	3,684	1,321	1,297	24	128	384	446
Health professions and related programs .....	129,634	93,675	15,046	8,826	9,048	976	2,063	143,430	102,055	17,119	9,882	9,914	9,506	408	963	1,412	2,085
Homeland security, law enforcement, and firefighting .....	43,667	26,452	8,720	6,388	1,386	406	315	47,602	28,088	9,687	7,241	1,349	1,225	124	439	538	260
Legal professions and studies .....	3,886	2,493	687	408	228	37	33	4,429	2,769	787	547	219	211	8	26	53	28
Liberal arts and sciences, general studies, and humanities .....	46,953	31,707	6,815	4,514	1,765	531	1,621	46,727	31,056	6,853	4,911	1,680	1,552	128	532	632	1,063
Library science .....	85	79	2	3	1	0	0	96	85	3	3	3	3	0	0	2	0
Mathematics and statistics .....	16,030	11,510	854	1,027	1,671	81	887	17,182	11,836	840	1,158	1,858	1,822	36	85	216	1,189
Mechanic and repair technologies/technicians .....	206	167	9	11	12	0	7	226	158	13	18	14	13	1	4	1	18
Military technologies and applied sciences .....	56	47	3	5	0	1	0	64	43	16	2	0	0	0	2	1	0
Multi/interdisciplinary studies .....	37,648	25,817	3,687	4,648	2,467	341	688	42,228	28,286	4,375	5,254	2,656	2,557	99	352	516	789
Parks, recreation, leisure, and fitness studies .....	33,318	25,678	3,257	2,371	1,260	279	473	35,924	26,998	3,548	2,763	1,363	1,246	117	284	394	574
Philosophy and religious studies .....	12,504	9,740	849	910	742	88	175	12,836	9,752	963	970	689	660	29	79	191	192
Physical sciences and science technologies .....	23,379	17,245	1,290	1,279	2,464	168	933	24,712	17,842	1,329	1,466	2,538	2,491	47	149	340	1,048
Precision production .....	29	20	0	1	6	0	2	43	29	0	4	5	5	0	0	0	5
Psychology .....	97,216	65,521	11,981	10,517	6,701	806	1,690	100,893	66,122	12,397	11,629	6,797	6,583	214	691	1,580	1,677
Public administration and social services .....	25,414	15,053	5,745	3,045	912	327	332	26,774	15,336	6,093	3,305	968	876	92	293	497	282
Social sciences and history .....	172,780	119,767	15,976	16,823	13,860	1,356	4,998	177,144	118,979	16,682	18,108	13,670	13,261	409	1,238	2,556	5,911
Social sciences .....	137,582	90,860	14,313	14,035	12,533	1,086	4,755	142,145	90,734	15,051	15,192	12,442	12,077	365	1,001	2,073	5,652
History .....	35,198	28,907	1,663	2,788	1,327	270	243	34,999	28,245	1,631	2,916	1,228	1,184	44	237	483	259
Theology and religious vocations .....	8,718	7,366	560	361	209	53	169	9,074	7,555	585	380	240	215	25	39	58	217
Transportation and materials moving .....	4,998	3,954	358	362	195	39	90	4,941	3,812	285	379	215	206	9	42	58	150
Visual and performing arts .....	91,802	69,498	5,599	7,271	5,916	628	2,890	93,956	68,690	5,679	8,302	5,991	5,780	211	616	1,510	3,168
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 330. Bachelor's degrees conferred to males by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>706,633</b>	<b>513,717</b>	<b>56,171</b>	<b>55,092</b>	<b>53,377</b>	<b>4,875</b>	<b>23,401</b>	<b>734,133</b>	<b>519,883</b>	<b>59,119</b>	<b>60,742</b>	<b>55,290</b>	<b>53,590</b>	<b>1,700</b>	<b>4,798</b>	<b>8,123</b>	<b>26,178</b>
Agriculture and natural resources.....	13,519	11,743	374	580	487	133	202	14,675	12,705	394	658	474	453	21	119	118	207
Architecture and related services .....	5,694	4,047	295	684	444	32	192	5,696	3,981	295	726	393	384	9	27	59	215
Area, ethnic, cultural, gender, and group studies ...	2,694	1,504	355	393	320	58	64	2,801	1,409	449	412	305	290	15	86	68	72
Biological and biomedical sciences .....	35,865	23,695	2,022	2,557	6,347	241	1,003	36,892	23,681	2,011	2,777	6,657	6,565	92	242	471	1,053
Business .....	183,301	130,944	15,818	13,856	13,351	1,063	8,269	187,081	129,878	16,339	15,002	13,832	13,370	462	1,081	1,668	9,281
Communication, journalism, and related programs..	28,595	21,710	2,924	2,099	1,164	193	505	29,515	21,936	3,013	2,316	1,212	1,144	68	156	311	571
Communications technologies.....	3,445	2,508	293	348	192	26	78	3,508	2,478	334	355	184	181	3	22	50	85
Computer and information sciences .....	32,410	22,585	3,091	2,408	2,654	207	1,465	35,478	23,907	3,411	2,762	3,122	3,026	96	210	435	1,631
Construction trades .....	261	247	2	4	6	2	0	303	273	7	9	8	5	3	1	1	4
Education.....	20,726	17,200	1,634	1,049	418	177	248	21,195	17,350	1,692	1,097	449	398	51	187	156	264
Engineering .....	59,360	42,173	2,390	3,966	6,942	304	3,585	62,119	42,980	2,401	4,391	7,214	7,117	97	250	687	4,196
Engineering technologies and engineering-related fields' .....	14,014	10,861	1,160	936	568	121	368	14,469	10,929	1,235	1,076	600	584	16	129	115	385
English language and literature/letters .....	17,050	13,656	1,048	1,296	779	106	165	16,916	13,178	1,031	1,470	729	705	24	103	246	159
Family and consumer sciences/human sciences ...	2,686	1,896	363	165	186	16	60	2,762	1,829	401	231	181	175	6	33	24	63
Foreign languages, literatures, and linguistics.....	6,610	4,833	225	992	415	38	107	6,720	4,772	260	1,022	385	374	11	48	103	130
Health professions and related programs.....	19,306	12,987	2,107	1,600	2,029	142	441	21,536	14,469	2,361	1,650	2,239	2,162	77	160	202	455
Homeland security, law enforcement, and firefighting .....	22,265	15,202	3,085	2,828	811	191	148	24,361	16,268	3,490	3,235	808	740	68	214	225	121
Legal professions and studies .....	1,096	739	134	126	77	9	11	1,317	882	174	145	82	79	3	9	17	8
Liberal arts and sciences, general studies, and humanities .....	16,619	11,878	2,150	1,230	586	172	603	16,488	11,422	2,331	1,329	547	494	53	175	223	461
Library science .....	11	10	1	0	0	0	0	13	12	1	0	0	0	0	0	0	0
Mathematics and statistics .....	9,087	6,488	417	609	998	43	532	9,783	6,759	418	654	1,113	1,094	19	49	119	671
Mechanic and repair technologies/technicians.....	198	162	8	11	12	0	5	209	147	13	14	13	12	1	4	1	17
Military technologies and applied sciences .....	54	46	3	4	0	1	0	50	35	10	2	0	0	0	2	1	0
Multi/interdisciplinary studies.....	12,129	8,720	1,090	1,084	864	97	274	13,602	9,488	1,327	1,299	917	870	47	114	155	302
Parks, recreation, leisure, and fitness studies .....	17,621	13,332	1,913	1,317	665	138	256	18,936	14,025	2,029	1,485	743	683	60	164	184	306
Philosophy and religious studies.....	7,910	6,276	456	582	426	60	110	8,149	6,317	499	647	399	381	18	46	115	126
Physical sciences and science technologies .....	13,862	10,695	566	688	1,293	102	518	14,782	11,130	590	851	1,327	1,301	26	87	195	602
Precision production .....	19	16	0	0	3	0	0	22	19	0	1	1	1	0	0	0	1
Psychology .....	22,275	15,373	2,219	2,263	1,849	206	365	23,229	15,563	2,338	2,500	1,916	1,866	50	147	363	402
Public administration and social services .....	4,578	2,862	863	488	232	66	67	4,908	2,978	899	572	243	226	17	44	102	70
Social sciences and history .....	87,406	64,114	6,042	7,370	6,708	618	2,554	89,814	64,249	6,303	7,944	6,600	6,413	187	591	1,143	2,984
Social sciences .....	66,527	46,639	5,218	5,790	6,003	461	2,416	68,991	47,057	5,523	6,274	5,934	5,769	165	450	896	2,857
History.....	20,879	17,475	824	1,580	705	157	138	20,823	17,192	780	1,670	666	644	22	141	247	127
Theology and religious vocations .....	5,756	4,946	315	224	121	33	117	6,118	5,218	325	218	156	142	14	28	29	144
Transportation and materials moving.....	4,443	3,531	319	320	162	33	78	4,345	3,393	239	334	182	174	8	34	47	116
Visual and performing arts .....	35,768	26,738	2,489	3,015	2,268	247	1,011	36,341	26,223	2,499	3,558	2,259	2,181	78	236	490	1,076
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 331. Bachelor's degrees conferred to females by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All fields, total .....	943,381	653,782	108,673	85,224	64,045	7,524	24,133	981,780	662,522	113,898	93,321	65,776	63,204	2,572	7,135	12,681	26,447
Agriculture and natural resources.....	12,817	10,687	455	669	693	110	203	13,948	11,573	417	811	647	627	20	121	150	229
Architecture and related services .....	4,357	2,936	205	491	467	29	229	4,136	2,638	198	502	481	473	8	24	57	236
Area, ethnic, cultural, gender, and group studies ...	5,927	3,253	818	873	733	120	130	6,299	3,125	998	1,034	681	653	28	120	198	143
Biological and biomedical sciences .....	50,535	31,540	4,692	3,806	8,680	332	1,485	53,111	32,779	4,874	4,183	8,577	8,443	134	325	707	1,666
Business .....	174,992	110,772	26,056	16,320	12,965	1,230	7,649	178,012	108,908	26,233	17,392	13,678	13,213	465	1,188	1,873	8,740
Communication, journalism, and related programs ..	52,671	38,968	5,486	4,334	2,476	299	1,108	53,759	38,641	5,748	4,642	2,462	2,348	114	330	697	1,239
Communications technologies.....	1,337	883	185	107	112	7	43	1,350	882	185	139	80	76	4	5	19	40
Computer and information sciences .....	7,179	3,980	1,474	534	718	72	401	7,594	4,124	1,503	628	794	778	16	41	110	394
Construction trades .....	12	11	0	1	0	0	0	25	22	1	2	0	0	0	0	0	0
Education.....	80,539	67,274	5,174	5,060	1,572	721	738	82,797	67,884	5,423	5,488	1,841	1,445	396	669	631	861
Engineering .....	13,294	8,283	846	1,077	2,069	84	935	14,257	8,738	844	1,158	2,130	2,103	27	84	238	1,065
Engineering technologies and engineering-related fields¹ .....	1,582	997	292	126	88	16	63	1,718	1,060	271	153	111	110	1	26	22	75
English language and literature/letters .....	36,181	27,961	2,980	2,794	1,835	255	356	35,828	26,969	2,911	3,037	1,744	1,662	82	229	540	398
Family and consumer sciences/human sciences ...	19,132	14,169	2,094	1,468	969	203	229	19,682	14,236	2,222	1,606	990	957	33	163	214	251
Foreign languages, literatures, and linguistics.....	14,906	10,394	655	2,553	929	87	288	14,986	10,049	662	2,662	936	923	13	80	281	316
Health professions and related programs .....	110,328	80,688	12,939	7,226	7,019	834	1,622	121,894	87,586	14,758	8,232	7,675	7,344	331	803	1,210	1,630
Homeland security, law enforcement, and firefighting.....	21,402	11,250	5,635	3,560	575	215	167	23,241	11,820	6,197	4,006	541	485	56	225	313	139
Legal professions and studies .....	2,790	1,754	553	282	151	28	22	3,112	1,887	613	402	137	132	5	17	36	20
Liberal arts and sciences, general studies, and humanities .....	30,334	19,829	4,665	3,284	1,179	359	1,018	30,239	19,634	4,522	3,582	1,133	1,058	75	357	409	602
Library science .....	74	69	1	3	1	0	0	83	73	2	3	3	3	0	0	2	0
Mathematics and statistics .....	6,943	5,022	437	418	673	38	355	7,399	5,077	422	504	745	728	17	36	97	518
Mechanic and repair technologies/technicians .....	8	5	1	0	0	0	2	17	11	0	4	1	1	0	0	0	1
Military technologies and applied sciences .....	2	1	0	1	0	0	0	14	8	6	0	0	0	0	0	0	0
Multi/interdisciplinary studies.....	25,519	17,097	2,597	3,564	1,603	244	414	28,626	18,798	3,048	3,955	1,739	1,687	52	238	361	487
Parks, recreation, leisure, and fitness studies .....	15,697	12,346	1,344	1,054	595	141	217	16,988	12,973	1,519	1,278	620	563	57	120	210	268
Philosophy and religious studies.....	4,594	3,464	393	328	316	28	65	4,687	3,435	464	323	290	279	11	33	76	66
Physical sciences and science technologies .....	9,517	6,550	724	591	1,171	66	415	9,930	6,712	739	615	1,211	1,190	21	62	145	446
Precision production .....	10	4	0	1	3	0	2	21	10	0	3	4	4	0	0	0	4
Psychology .....	74,941	50,148	9,762	8,254	4,852	600	1,325	77,664	50,559	10,059	9,129	4,881	4,717	164	544	1,217	1,275
Public administration and social services .....	20,836	12,191	4,882	2,557	680	261	265	21,866	12,358	5,194	2,733	725	650	75	249	395	212
Social sciences and history .....	85,374	55,653	9,934	9,453	7,152	738	2,444	87,330	54,730	10,379	10,164	7,070	6,848	222	647	1,413	2,927
Social sciences .....	71,055	44,221	9,095	8,245	6,530	625	2,339	73,154	43,677	9,528	8,918	6,508	6,308	200	551	1,177	2,795
History.....	14,319	11,432	839	1,208	622	113	105	14,176	11,053	851	1,246	562	540	22	96	236	132
Theology and religious vocations .....	2,962	2,420	245	137	88	20	52	2,956	2,337	260	162	84	73	11	11	29	73
Transportation and materials moving.....	555	423	39	42	33	6	12	596	419	46	45	33	32	1	8	11	34
Visual and performing arts .....	56,034	42,760	3,110	4,256	3,648	381	1,879	57,615	42,467	3,180	4,744	3,732	3,599	133	380	1,020	2,092
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 332. Master's degrees conferred by degree-granting institutions, by race/ethnicity and sex of student: Selected years, 1976–77 through 2010–11**

Year and sex	Number of degrees conferred to U.S. citizens and nonresident aliens								Percentage distribution of degrees conferred to U.S. citizens							
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	Non- resident alien	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Two or more races	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
<b>Total</b>																
1976–77 <sup>1</sup> .....	322,463	271,402	21,252	6,136	5,127	1,018	—	17,528	100.0	89.0	7.0	2.0	1.7	0.3	—	
1980–81 <sup>2</sup> .....	301,081	247,475	17,436	6,534	6,348	1,044	—	22,244	100.0	88.8	6.3	2.3	2.3	0.4	—	
1990–91 .....	342,863	265,927	17,023	8,981	11,869	1,189	—	37,874	100.0	87.2	5.6	2.9	3.9	0.4	—	
1994–95 .....	403,609	297,988	24,662	13,037	17,164	1,636	—	49,122	100.0	84.1	7.0	3.7	4.8	0.5	—	
1995–96 .....	412,180	302,790	26,323	14,553	18,505	1,793	—	48,216	100.0	83.2	7.2	4.0	5.1	0.5	—	
1996–97 .....	425,260	309,637	28,875	15,560	19,372	1,954	—	49,862	100.0	82.5	7.7	4.1	5.2	0.5	—	
1997–98 .....	436,037	312,752	30,703	16,370	21,415	2,068	—	52,729	100.0	81.6	8.0	4.3	5.6	0.5	—	
1998–99 .....	446,038	318,555	33,010	17,781	22,262	2,075	—	52,355	100.0	80.9	8.4	4.5	5.7	0.5	—	
1999–2000 .....	463,185	324,990	36,606	19,379	23,523	2,263	—	56,424	100.0	79.9	9.0	4.8	5.8	0.6	—	
2000–01 .....	473,502	324,211	38,853	21,661	24,544	2,496	—	61,737	100.0	78.7	9.4	5.3	6.0	0.6	—	
2001–02 .....	487,313	331,427	41,006	22,517	25,681	2,632	—	64,050	100.0	78.3	9.7	5.3	6.1	0.6	—	
2002–03 .....	518,699	346,003	45,150	25,200	27,492	2,886	—	71,968	100.0	77.5	10.1	5.6	6.2	0.6	—	
2003–04 .....	564,272	373,448	51,402	29,806	31,202	3,206	—	75,208	100.0	76.4	10.5	6.1	6.4	0.7	—	
2004–05 .....	580,151	383,246	55,330	31,639	33,042	3,310	—	73,584	100.0	75.7	10.9	6.2	6.5	0.7	—	
2005–06 .....	599,731	397,439	59,806	32,567	34,289	3,519	—	72,111	100.0	75.3	11.3	6.2	6.5	0.7	—	
2006–07 .....	610,597	403,562	63,412	34,967	36,491	3,589	—	68,576	100.0	74.5	11.7	6.5	6.7	0.7	—	
2007–08 .....	630,666	413,179	65,914	36,972	37,722	3,777	—	73,102	100.0	74.1	11.8	6.6	6.8	0.7	—	
2008–09 .....	662,079	427,891	70,839	39,582	40,257	3,777	—	79,733	100.0	73.5	12.2	6.8	6.9	0.6	—	
2009–10 .....	693,025	445,038	76,458	43,535	42,702	3,960	—	81,332	100.0	72.8	12.5	7.1	7.0	0.6	—	
2010–11 .....	730,635	462,903	80,706	46,787	43,728	3,948	6,700	85,863	100.0	71.8	12.5	7.3	6.8	0.6	1.0	
<b>Males</b>																
1976–77 <sup>1</sup> .....	172,703	144,042	7,970	3,328	3,128	565	—	13,670	100.0	90.6	5.0	2.1	2.0	0.4	—	
1980–81 <sup>2</sup> .....	151,602	120,927	6,418	3,155	3,830	507	—	16,765	100.0	89.7	4.8	2.3	2.8	0.4	—	
1990–91 .....	160,842	117,993	6,201	4,017	6,765	495	—	25,371	100.0	87.1	4.6	3.0	5.0	0.4	—	
1994–95 .....	183,043	127,722	8,395	5,593	9,195	670	—	31,468	100.0	84.3	5.5	3.7	6.1	0.4	—	
1995–96 .....	183,481	128,325	8,758	5,940	9,644	713	—	30,101	100.0	83.7	5.7	3.9	6.3	0.5	—	
1996–97 .....	185,270	128,946	9,252	6,335	9,488	743	—	30,506	100.0	83.3	6.0	4.1	6.1	0.5	—	
1997–98 .....	188,718	128,987	9,978	6,612	10,500	792	—	31,849	100.0	82.2	6.4	4.2	6.7	0.5	—	
1998–99 .....	190,230	129,912	10,346	7,044	10,638	794	—	31,496	100.0	81.8	6.5	4.4	6.7	0.5	—	
1999–2000 .....	196,129	131,221	11,642	7,738	11,299	845	—	33,384	100.0	80.6	7.2	4.8	6.9	0.5	—	
2000–01 .....	197,770	128,516	11,878	8,371	11,561	925	—	36,519	100.0	79.7	7.4	5.2	7.2	0.6	—	
2001–02 .....	202,604	131,316	12,119	8,539	11,956	995	—	37,679	100.0	79.6	7.3	5.2	7.2	0.6	—	
2002–03 .....	215,172	135,938	13,224	9,389	12,704	1,043	—	42,874	100.0	78.9	7.7	5.4	7.4	0.6	—	
2003–04 .....	233,056	146,369	15,027	10,929	14,551	1,137	—	45,043	100.0	77.9	8.0	5.8	7.7	0.6	—	
2004–05 .....	237,155	150,076	16,136	11,501	15,238	1,167	—	43,037	100.0	77.3	8.3	5.9	7.8	0.6	—	
2005–06 .....	241,656	153,666	17,384	11,739	16,031	1,252	—	41,584	100.0	76.8	8.7	5.9	8.0	0.6	—	
2006–07 .....	242,189	154,241	18,333	12,473	16,728	1,275	—	39,139	100.0	76.0	9.0	6.1	8.2	0.6	—	
2007–08 .....	250,169	157,596	18,761	13,189	17,476	1,293	—	41,854	100.0	75.7	9.0	6.3	8.4	0.6	—	
2008–09 .....	263,538	162,994	20,174	14,324	18,724	1,350	—	45,972	100.0	74.9	9.3	6.6	8.6	0.6	—	
2009–10 .....	275,197	170,203	22,120	15,525	19,535	1,415	—	46,399	100.0	74.4	9.7	6.8	8.5	0.6	—	
2010–11 .....	291,551	177,780	23,741	17,213	20,050	1,409	2,594	48,764	100.0	73.2	9.8	7.1	8.3	0.6	1.1	
<b>Females</b>																
1976–77 <sup>1</sup> .....	149,760	127,360	13,282	2,808	1,999	453	—	3,858	100.0	87.3	9.1	1.9	1.4	0.3	—	
1980–81 <sup>2</sup> .....	149,479	126,548	11,018	3,379	2,518	537	—	5,479	100.0	87.9	7.7	2.3	1.7	0.4	—	
1990–91 .....	182,021	147,934	10,822	4,964	5,104	694	—	12,503	100.0	87.3	6.4	2.9	3.0	0.4	—	
1994–95 .....	220,566	170,266	16,267	7,444	7,969	966	—	17,654	100.0	83.9	8.0	3.7	3.9	0.5	—	
1995–96 .....	228,699	174,465	17,565	8,613	8,861	1,080	—	18,115	100.0	82.8	8.3	4.1	4.2	0.5	—	
1996–97 .....	239,990	180,691	19,623	9,225	9,884	1,211	—	19,356	100.0	81.9	8.9	4.2	4.5	0.5	—	
1997–98 .....	247,319	183,765	20,725	9,758	10,915	1,276	—	20,880	100.0	81.2	9.2	4.3	4.8	0.6	—	
1998–99 .....	255,808	188,643	22,664	10,737	11,624	1,281	—	20,859	100.0	80.3	9.6	4.6	4.9	0.5	—	
1999–2000 .....	267,056	193,769	24,964	11,641	12,224	1,418	—	23,040	100.0	79.4	10.2	4.8	5.0	0.6	—	
2000–01 .....	275,732	195,695	26,975	13,290	12,983	1,571	—	25,218	100.0	78.1	10.8	5.3	5.2	0.6	—	
2001–02 .....	284,709	200,111	28,887	13,978	13,725	1,637	—	26,371	100.0	77.5	11.2	5.4	5.3	0.6	—	
2002–03 .....	303,527	210,065	31,926	15,811	14,788	1,843	—	29,094	100.0	76.5	11.6	5.8	5.4	0.7	—	
2003–04 .....	331,216	227,079	36,375	18,877	16,651	2,069	—	30,165	100.0	75.4	12.1	6.3	5.5	0.7	—	
2004–05 .....	342,996	233,170	39,194	20,138	17,804	2,143	—	30,547	100.0	74.6	12.5	6.4	5.7	0.7	—	
2005–06 .....	358,075	243,773	42,422	20,828	18,258	2,267	—	30,527	100.0	74.4	13.0	6.4	5.6	0.7	—	
2006–07 .....	368,408	249,321	45,079	22,494	19,763	2,314	—	29,437	100.0	73.6	13.3	6.6	5.8	0.7	—	
2007–08 .....	380,497	255,583	47,153	23,783	20,246	2,484	—	31,248	100.0	73.2	13.5	6.8	5.8	0.7	—	
2008–09 .....	398,541	264,897	50,665	25,258	21,533	2,427	—	33,761	100.0	72.6	13.9	6.9	5.9	0.7	—	
2009–10 .....	417,828	274,835	54,338	28,010	23,167	2,545	—	34,933	100.0	71.8	14.2	7.3	6.1	0.7	—	
2010–11 .....	439,084	285,123	56,965	29,574	23,678	2,539	4,106	37,099	100.0	70.9	14.2	7.4	5.9	0.6	1.0	

—Not available.

<sup>1</sup>Excludes 387 males and 175 females whose racial/ethnic group was not available.

<sup>2</sup>Excludes 1,377 males and 179 females whose racial/ethnic group was not available.

NOTE: Data through 1994–95 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. For 1989–90 and later years, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate

race/ethnicity for students whose race/ethnicity was not reported. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1976–77 and 1980–81; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:90–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared June 2012.)



**Table 333. Master's degrees conferred by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>693,025</b>	<b>445,038</b>	<b>76,458</b>	<b>43,535</b>	<b>42,702</b>	<b>3,960</b>	<b>81,332</b>	<b>730,635</b>	<b>462,903</b>	<b>80,706</b>	<b>46,787</b>	<b>43,728</b>	<b>42,381</b>	<b>1,347</b>	<b>3,948</b>	<b>6,700</b>	<b>85,863</b>
Agriculture and natural resources .....	5,211	3,849	176	199	195	46	746	5,773	4,166	218	222	233	229	4	38	53	843
Architecture and related services .....	7,280	4,826	348	439	509	28	1,130	7,788	5,017	336	538	549	542	7	37	72	1,239
Area, ethnic, cultural, gender, and group studies ...	1,775	955	176	198	146	32	268	1,914	1,071	213	200	115	109	6	26	34	255
Biological and biomedical sciences .....	10,725	6,273	608	523	1,441	54	1,826	11,327	6,461	691	600	1,464	1,437	27	46	129	1,936
Business .....	177,684	101,058	25,237	10,747	15,403	955	24,284	187,213	105,520	26,712	11,680	15,378	14,906	472	921	1,618	25,384
Communication, journalism, and related programs ..	7,636	4,779	821	491	375	41	1,129	8,303	5,136	868	577	365	359	6	38	106	1,213
Communications technologies .....	463	211	37	31	22	2	160	502	214	46	23	27	27	0	2	0	190
Computer and information sciences .....	17,953	6,174	1,324	694	1,752	54	7,955	19,446	6,501	1,417	688	1,926	1,893	33	56	125	8,733
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	182,139	138,974	19,258	12,985	5,054	1,060	4,808	185,009	139,909	19,816	12,925	5,002	4,679	323	1,088	1,507	4,762
Engineering .....	35,088	13,427	1,063	1,298	4,006	87	15,207	38,719	14,807	1,139	1,547	4,102	4,081	21	73	298	16,753
Engineering technologies and engineering-related fields' .....	4,258	1,997	322	275	295	27	1,342	4,515	2,190	372	220	373	372	1	29	46	1,285
English language and literature/letters .....	9,201	7,474	478	504	312	63	370	9,476	7,529	462	566	347	334	13	69	148	355
Family and consumer sciences/human sciences ...	2,580	1,808	333	135	98	21	185	2,918	2,056	412	152	77	76	1	17	22	182
Foreign languages, literatures, and linguistics .....	3,755	2,099	84	567	213	36	756	3,727	2,114	79	592	166	163	3	21	36	719
Health professions and related programs .....	69,084	48,256	7,872	3,935	5,324	454	3,243	75,579	52,288	8,452	4,547	5,823	5,689	134	481	545	3,443
Homeland security, law enforcement, and firefighting .....	6,714	4,215	1,497	612	199	63	128	7,433	4,664	1,715	640	197	176	21	56	50	111
Legal professions and studies .....	5,734	1,861	320	222	289	28	3,014	6,300	2,185	386	287	365	361	4	21	42	3,014
Liberal arts and sciences, general studies, and humanities .....	3,804	2,797	366	232	143	27	239	3,971	2,859	378	206	187	181	6	24	56	261
Library science .....	7,448	6,217	369	449	279	42	92	7,727	6,474	381	372	284	280	4	45	48	123
Mathematics and statistics .....	5,634	2,532	166	167	472	12	2,285	5,843	2,636	171	220	521	517	4	16	37	2,242
Mechanic and repair technologies/technicians .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	5,973	4,039	462	426	368	51	627	6,748	4,576	543	495	374	356	18	39	84	637
Parks, recreation, leisure, and fitness studies .....	5,617	4,296	546	232	146	27	370	6,553	4,882	631	334	174	156	18	38	73	421
Philosophy and religious studies .....	2,043	1,512	157	84	113	18	159	1,833	1,400	121	79	54	52	2	10	30	139
Physical sciences and science technologies .....	6,063	3,621	162	213	389	19	1,659	6,386	3,707	185	268	404	394	10	28	46	1,748
Precision production .....	10	8	1	0	0	0	1	5	4	0	0	0	0	0	0	0	1
Psychology .....	23,752	16,500	3,248	2,018	995	151	840	25,051	17,066	3,425	2,255	979	928	51	151	292	883
Public administration and social services .....	35,729	21,810	6,869	3,395	1,588	292	1,775	38,634	22,912	7,344	3,696	1,654	1,561	93	340	618	2,070
Social sciences and history .....	20,222	12,941	1,638	1,158	1,025	130	3,330	21,084	13,469	1,404	1,362	1,020	997	23	108	301	3,420
Social sciences .....	16,368	9,664	1,508	958	933	104	3,201	17,081	10,096	1,278	1,129	935	915	20	84	252	3,307
History .....	3,854	3,277	130	200	92	26	129	4,003	3,373	126	233	85	82	3	24	49	113
Theology and religious vocations .....	12,824	9,048	1,733	426	645	50	922	13,191	9,088	1,817	507	648	618	30	60	83	988
Transportation and materials moving .....	1,074	863	74	69	35	10	23	1,390	1,105	92	85	41	39	2	8	18	41
Visual and performing arts .....	15,552	10,618	713	811	871	80	2,459	16,277	10,897	880	904	879	869	10	62	183	2,472
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 334. Master's degrees conferred to males by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>275,197</b>	<b>170,203</b>	<b>22,120</b>	<b>15,525</b>	<b>19,535</b>	<b>1,415</b>	<b>46,399</b>	<b>291,551</b>	<b>177,780</b>	<b>23,741</b>	<b>17,213</b>	<b>20,050</b>	<b>19,508</b>	<b>542</b>	<b>1,409</b>	<b>2,594</b>	<b>48,764</b>
Agriculture and natural resources .....	2,509	1,901	75	86	79	22	346	2,750	1,994	95	103	90	88	2	14	20	434
Architecture and related services .....	4,012	2,789	176	259	216	12	560	4,265	2,926	182	284	230	226	4	16	38	589
Area, ethnic, cultural, gender, and group studies ...	654	361	60	86	45	7	95	723	420	58	76	52	50	2	9	12	96
Biological and biomedical sciences .....	4,611	2,750	193	210	656	27	775	4,871	2,832	238	241	670	658	12	20	61	809
Business .....	96,709	58,801	8,964	5,495	8,682	474	14,293	101,450	61,000	9,767	6,082	8,676	8,432	244	445	888	14,592
Communication, journalism, and related programs ..	2,410	1,641	189	145	98	14	323	2,520	1,684	206	163	109	106	3	18	33	307
Communications technologies .....	249	134	10	13	8	1	83	300	139	24	11	13	13	0	0	0	113
Computer and information sciences .....	13,017	4,828	772	537	1,193	42	5,645	13,956	5,042	856	499	1,281	1,256	25	43	82	6,153
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	41,296	31,858	4,069	2,833	1,050	275	1,211	42,022	31,972	4,178	2,924	1,125	1,043	82	253	345	1,225
Engineering .....	27,281	10,952	743	982	2,934	61	11,609	30,090	12,024	804	1,178	2,923	2,905	18	59	239	12,863
Engineering technologies and engineering-related fields' .....	3,240	1,587	215	211	212	24	991	3,328	1,689	231	168	250	249	1	25	36	929
English language and literature/letters .....	3,006	2,486	112	188	85	25	110	3,137	2,598	97	184	87	85	2	30	47	94
Family and consumer sciences/human sciences ...	362	256	44	15	10	1	36	395	263	44	21	16	16	0	4	1	46
Foreign languages, literatures, and linguistics .....	1,254	754	27	183	59	10	221	1,256	762	24	185	43	42	1	11	11	220
Health professions and related programs .....	12,871	8,217	1,249	800	1,348	77	1,180	14,041	8,855	1,287	931	1,472	1,455	17	100	119	1,277
Homeland security, law enforcement, and firefighting .....	3,140	2,205	489	255	89	27	75	3,416	2,370	588	273	80	72	8	25	21	59
Legal professions and studies .....	2,803	978	101	98	125	14	1,487	3,054	1,116	141	126	192	189	3	7	13	1,459
Liberal arts and sciences, general studies, and humanities .....	1,522	1,129	112	84	66	7	124	1,619	1,165	115	84	97	96	1	14	18	126
Library science .....	1,394	1,156	61	87	61	6	23	1,483	1,257	61	63	47	47	0	8	9	38
Mathematics and statistics .....	3,376	1,564	113	113	253	4	1,329	3,453	1,642	96	146	300	298	2	8	23	1,238
Mechanic and repair technologies/technicians .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	2,118	1,479	131	127	115	10	256	2,561	1,712	186	189	136	129	7	14	29	295
Parks, recreation, leisure, and fitness studies .....	3,032	2,307	301	121	86	12	205	3,585	2,686	348	185	93	81	12	23	39	211
Philosophy and religious studies .....	1,298	982	86	51	80	12	87	1,166	916	55	53	28	26	2	4	19	91
Physical sciences and science technologies .....	3,652	2,200	78	120	216	11	1,027	3,907	2,292	96	166	224	220	4	21	26	1,082
Precision production .....	5	5	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0
Psychology .....	4,797	3,520	493	369	183	37	195	5,118	3,601	545	469	214	204	10	36	56	197
Public administration and social services .....	8,865	5,334	1,446	797	385	69	834	9,793	5,826	1,514	889	418	381	37	76	134	936
Social sciences and history .....	9,963	6,653	604	500	439	60	1,707	10,578	7,115	550	657	406	394	12	53	140	1,657
Social sciences .....	7,860	4,838	542	396	393	45	1,646	8,351	5,209	489	532	373	362	11	37	116	1,595
History .....	2,103	1,815	62	104	46	15	61	2,227	1,906	61	125	33	32	1	16	24	62
Theology and religious vocations .....	8,302	6,003	825	284	466	35	689	8,668	6,174	907	339	449	424	25	40	42	717
Transportation and materials moving .....	924	747	66	59	22	9	21	1,161	924	76	73	30	29	1	5	16	37
Visual and performing arts .....	6,525	4,626	316	417	274	30	862	6,882	4,781	372	451	299	294	5	28	77	874
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 335. Master's degrees conferred to females by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>417,828</b>	<b>274,835</b>	<b>54,338</b>	<b>28,010</b>	<b>23,167</b>	<b>2,545</b>	<b>34,933</b>	<b>439,084</b>	<b>285,123</b>	<b>56,965</b>	<b>29,574</b>	<b>23,678</b>	<b>22,873</b>	<b>805</b>	<b>2,539</b>	<b>4,106</b>	<b>37,099</b>
Agriculture and natural resources .....	2,702	1,948	101	113	116	24	400	3,023	2,172	123	119	143	141	2	24	33	409
Architecture and related services .....	3,268	2,037	172	180	293	16	570	3,523	2,091	154	254	319	316	3	21	34	650
Area, ethnic, cultural, gender, and group studies ...	1,121	594	116	112	101	25	173	1,191	651	155	124	63	59	4	17	22	159
Biological and biomedical sciences .....	6,114	3,523	415	313	785	27	1,051	6,456	3,629	453	359	794	779	15	26	68	1,127
Business .....	80,975	42,257	16,273	5,252	6,721	481	9,991	85,763	44,520	16,945	5,598	6,702	6,474	228	476	730	10,792
Communication, journalism, and related programs ..	5,226	3,138	632	346	277	27	806	5,783	3,452	662	414	256	253	3	20	73	906
Communications technologies .....	214	77	27	18	14	1	77	202	75	22	12	14	14	0	2	0	77
Computer and information sciences .....	4,936	1,346	552	157	559	12	2,310	5,490	1,459	561	189	645	637	8	13	43	2,580
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	140,843	107,116	15,189	10,152	4,004	785	3,597	142,987	107,937	15,638	10,001	3,877	3,636	241	835	1,162	3,537
Engineering .....	7,807	2,475	320	316	1,072	26	3,598	8,629	2,783	335	369	1,179	1,176	3	14	59	3,890
Engineering technologies and engineering-related fields' .....	1,018	410	107	64	83	3	351	1,187	501	141	52	123	123	0	4	10	356
English language and literature/letters .....	6,195	4,988	366	316	227	38	260	6,339	4,931	365	382	260	249	11	39	101	261
Family and consumer sciences/human sciences ...	2,218	1,552	289	120	88	20	149	2,523	1,793	368	131	61	60	1	13	21	136
Foreign languages, literatures, and linguistics .....	2,501	1,345	57	384	154	26	535	2,471	1,352	55	407	123	121	2	10	25	499
Health professions and related programs .....	56,213	40,039	6,623	3,135	3,976	377	2,063	61,538	43,433	7,165	3,616	4,351	4,234	117	381	426	2,166
Homeland security, law enforcement, and firefighting .....	3,574	2,010	1,008	357	110	36	53	4,017	2,294	1,127	367	117	104	13	31	29	52
Legal professions and studies .....	2,931	883	219	124	164	14	1,527	3,246	1,069	245	161	173	172	1	14	29	1,555
Liberal arts and sciences, general studies, and humanities .....	2,282	1,668	254	148	77	20	115	2,352	1,694	263	122	90	85	5	10	38	135
Library science .....	6,054	5,061	308	362	218	36	69	6,244	5,217	320	309	237	233	4	37	39	85
Mathematics and statistics .....	2,258	968	53	54	219	8	956	2,390	994	75	74	221	219	2	8	14	1,004
Mechanic and repair technologies/technicians .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	3,855	2,560	331	299	253	41	371	4,187	2,864	357	306	238	227	11	25	55	342
Parks, recreation, leisure, and fitness studies .....	2,585	1,989	245	111	60	15	165	2,968	2,196	283	149	81	75	6	15	34	210
Philosophy and religious studies .....	745	530	71	33	33	6	72	667	484	66	26	26	26	0	6	11	48
Physical sciences and science technologies .....	2,411	1,421	84	93	173	8	632	2,479	1,415	89	102	180	174	6	7	20	666
Precision production .....	5	3	1	0	0	0	1	2	1	0	0	0	0	0	0	0	1
Psychology .....	18,955	12,980	2,755	1,649	812	114	645	19,933	13,465	2,880	1,786	765	724	41	115	236	686
Public administration and social services .....	26,864	16,476	5,423	2,598	1,203	223	941	28,841	17,086	5,830	2,807	1,236	1,180	56	264	484	1,134
Social sciences and history .....	10,259	6,288	1,034	658	586	70	1,623	10,506	6,354	854	705	614	603	11	55	161	1,763
Social sciences .....	8,508	4,826	966	562	540	59	1,555	8,730	4,887	789	597	562	553	9	47	136	1,712
History .....	1,751	1,462	68	96	46	11	68	1,776	1,467	65	108	52	50	2	8	25	51
Theology and religious vocations .....	4,522	3,045	908	142	179	15	233	4,523	2,914	910	168	199	194	5	20	41	271
Transportation and materials moving .....	150	116	8	10	13	1	2	229	181	16	12	11	10	1	3	2	4
Visual and performing arts .....	9,027	5,992	397	394	597	50	1,597	9,395	6,116	508	453	580	575	5	34	106	1,598
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

'Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natural

resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)



**Table 337. Doctor's degrees conferred by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>158,558</b>	<b>104,426</b>	<b>10,417</b>	<b>8,085</b>	<b>16,625</b>	<b>952</b>	<b>18,053</b>	<b>163,765</b>	<b>105,932</b>	<b>10,925</b>	<b>8,650</b>	<b>17,078</b>	<b>16,730</b>	<b>348</b>	<b>947</b>	<b>1,271</b>	<b>18,962</b>
Agriculture and natural resources .....	1,147	569	51	38	41	6	442	1,246	610	25	48	40	39	1	7	6	510
Architecture and related services .....	210	84	8	7	23	1	87	205	68	8	9	41	41	0	0	4	75
Area, ethnic, cultural, gender, and group studies ...	253	116	35	18	29	8	47	278	141	38	16	27	26	1	7	2	47
Biological and biomedical sciences .....	7,666	4,198	236	335	738	24	2,135	7,693	4,214	285	342	688	673	15	28	49	2,087
Business .....	2,245	1,141	288	79	132	15	590	2,286	1,089	338	96	148	145	3	10	6	599
Communication, journalism, and related programs ..	570	369	25	17	30	0	129	577	358	36	14	17	17	0	4	2	146
Communications technologies .....	3	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
Computer and information sciences .....	1,599	607	48	17	146	3	778	1,588	581	41	21	146	144	2	3	3	793
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	9,233	6,122	1,595	489	351	45	631	9,623	6,172	1,743	593	326	310	16	81	63	645
Engineering .....	7,704	2,471	162	209	564	9	4,289	8,369	2,599	155	200	644	640	4	15	36	4,720
Engineering technologies and engineering-related fields <sup>1</sup> .....	67	34	1	1	5	1	25	56	32	1	1	3	3	0	0	0	19
English language and literature/letters .....	1,332	1,041	61	43	56	9	122	1,344	1,044	59	54	50	50	0	5	17	115
Family and consumer sciences/human sciences ...	296	163	30	13	14	4	72	320	189	30	7	11	11	0	1	1	81
Foreign languages, literatures, and linguistics .....	1,091	562	20	97	44	4	364	1,158	625	23	84	48	47	1	1	3	374
Health professions and related programs .....	57,746	40,134	3,426	2,652	9,405	337	1,792	60,153	41,177	3,480	2,875	9,933	9,799	134	340	430	1,918
Homeland security, law enforcement, and firefighting....	106	71	7	2	5	1	20	131	89	16	4	5	5	0	0	1	16
Legal professions and studies .....	44,626	33,106	3,216	3,190	3,764	369	981	44,877	32,762	3,207	3,290	3,686	3,532	154	361	480	1,091
Liberal arts and sciences, general studies, and humanities .....	96	71	9	5	1	0	10	95	73	4	1	5	5	0	0	1	11
Library science .....	64	38	4	3	2	0	17	50	26	1	1	1	1	0	0	0	21
Mathematics and statistics .....	1,592	706	27	34	92	2	731	1,586	685	25	31	98	97	1	5	2	740
Mechanics and repair technologies/technicians ....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	631	393	48	25	31	6	128	660	372	71	34	38	38	0	3	9	133
Parks, recreation, leisure, and fitness studies .....	266	178	16	6	12	2	52	257	163	19	5	6	6	0	1	1	62
Philosophy and religious studies .....	667	481	33	24	31	1	97	805	550	54	25	23	23	0	1	9	143
Physical sciences and science technologies .....	5,063	2,481	102	126	256	15	2,083	5,295	2,579	100	144	272	265	7	13	30	2,157
Precision production .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology .....	5,540	4,116	376	321	326	31	370	5,851	4,303	430	376	300	299	1	34	56	352
Public administration and social services .....	838	454	110	36	51	4	183	851	458	145	50	45	45	0	3	6	144
Social sciences and history .....	4,238	2,406	196	194	204	32	1,206	4,390	2,509	194	194	202	197	5	16	37	1,238
Social sciences .....	3,350	1,762	144	146	173	20	1,105	3,482	1,846	148	152	175	170	5	11	25	1,125
History .....	888	644	52	48	31	12	101	908	663	46	42	27	27	0	5	12	113
Theology and religious vocations .....	2,070	1,293	246	43	148	14	326	2,374	1,417	362	74	167	165	2	1	8	345
Transportation and materials moving .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts .....	1,599	1,019	41	61	124	9	345	1,646	1,047	35	61	108	107	1	7	9	379
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey: "Agriculture and natu-

ral resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 338. Doctor's degrees conferred to males by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>76,605</b>	<b>50,705</b>	<b>3,622</b>	<b>3,641</b>	<b>7,230</b>	<b>430</b>	<b>10,977</b>	<b>79,654</b>	<b>51,666</b>	<b>3,836</b>	<b>3,985</b>	<b>7,545</b>	<b>7,379</b>	<b>166</b>	<b>454</b>	<b>571</b>	<b>11,597</b>
Agriculture and natural resources .....	625	299	18	14	19	3	272	675	327	16	23	17	16	1	3	2	287
Architecture and related services .....	116	50	3	4	10	0	49	110	40	4	2	19	19	0	0	1	44
Area, ethnic, cultural, gender, and group studies ...	107	56	16	9	5	2	19	116	68	9	4	10	9	1	2	0	23
Biological and biomedical sciences .....	3,600	2,011	66	156	301	8	1,058	3,648	2,015	105	162	312	306	6	15	21	1,018
Business .....	1,335	708	131	39	76	6	375	1,357	676	175	53	84	83	1	8	5	356
Communication, journalism, and related programs ..	224	151	8	4	14	0	47	207	127	12	6	5	5	0	0	1	56
Communications technologies .....	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Computer and information sciences .....	1,250	481	31	9	108	3	618	1,267	482	24	21	107	105	2	2	2	629
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	3,023	2,059	447	168	108	12	229	3,064	2,059	460	199	77	73	4	28	20	221
Engineering .....	5,934	1,917	107	139	373	8	3,390	6,510	2,019	94	149	449	447	2	14	26	3,759
Engineering technologies and engineering- related fields <sup>1</sup> .....	50	25	1	1	2	0	21	38	23	1	1	3	3	0	0	0	10
English language and literature/letters .....	522	422	21	16	18	3	42	529	421	17	24	9	9	0	2	8	48
Family and consumer sciences/human sciences ...	64	35	6	2	1	1	19	59	34	5	0	0	0	0	1	0	19
Foreign languages, literatures, and linguistics .....	446	233	5	35	10	2	161	477	271	7	26	14	14	0	1	1	157
Health professions and related programs .....	23,946	16,904	1,097	1,113	3,921	139	772	25,361	17,512	1,138	1,264	4,234	4,176	58	155	181	877
Homeland security, law enforcement, and firefighting .	57	35	3	2	4	1	12	62	42	6	1	4	4	0	0	0	9
Legal professions and studies .....	23,552	18,415	1,216	1,553	1,704	179	485	23,720	18,321	1,202	1,607	1,654	1,574	80	192	223	521
Liberal arts and sciences, general studies, and humanities .....	40	32	4	1	0	0	3	40	31	4	1	0	0	0	0	0	4
Library science .....	20	10	2	2	0	0	6	18	11	0	1	0	0	0	0	0	6
Mathematics and statistics .....	1,116	523	17	25	49	2	500	1,132	517	15	21	57	56	1	5	1	516
Mechanic and repair technologies/technicians .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	265	159	14	13	10	3	66	276	161	19	14	12	12	0	1	4	65
Parks, recreation, leisure, and fitness studies .....	140	89	8	4	3	1	35	140	90	6	1	4	4	0	1	1	37
Philosophy and religious studies .....	450	333	19	15	18	1	64	530	367	31	17	15	15	0	0	6	94
Physical sciences and science technologies .....	3,404	1,679	57	67	157	11	1,433	3,608	1,763	49	97	157	151	6	6	21	1,515
Precision production .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology .....	1,478	1,152	60	75	63	11	117	1,481	1,133	82	93	64	64	0	5	14	90
Public administration and social services .....	323	170	31	12	15	2	93	327	177	53	16	13	13	0	1	2	65
Social sciences and history .....	2,292	1,295	79	106	84	17	711	2,331	1,320	74	94	72	71	1	6	20	745
Social sciences .....	1,805	931	56	77	71	11	659	1,834	940	57	69	64	63	1	3	12	689
History .....	487	364	23	29	13	6	52	497	380	17	25	8	8	0	3	8	56
Theology and religious vocations .....	1,525	948	139	25	124	11	278	1,801	1,102	211	59	128	126	2	1	5	295
Transportation and materials moving .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts .....	700	514	16	32	33	4	101	770	557	17	29	25	24	1	5	6	131
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey:

"Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 339. Doctor's degrees conferred to females by degree-granting institutions, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>All fields, total .....</b>	<b>81,953</b>	<b>53,721</b>	<b>6,795</b>	<b>4,444</b>	<b>9,395</b>	<b>522</b>	<b>7,076</b>	<b>84,111</b>	<b>54,266</b>	<b>7,089</b>	<b>4,665</b>	<b>9,533</b>	<b>9,351</b>	<b>182</b>	<b>493</b>	<b>700</b>	<b>7,365</b>
Agriculture and natural resources .....	522	270	33	24	22	3	170	571	283	9	25	23	23	0	4	4	223
Architecture and related services .....	94	34	5	3	13	1	38	95	28	4	7	22	22	0	0	3	31
Area, ethnic, cultural, gender, and group studies ...	146	60	19	9	24	6	28	162	73	29	12	17	17	0	5	2	24
Biological and biomedical sciences .....	4,066	2,187	170	179	437	16	1,077	4,045	2,199	180	180	376	367	9	13	28	1,069
Business .....	910	433	157	40	56	9	215	929	413	163	43	64	62	2	2	1	243
Communication, journalism, and related programs ..	346	218	17	13	16	0	82	370	231	24	8	12	12	0	4	1	90
Communications technologies .....	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
Computer and information sciences .....	349	126	17	8	38	0	160	321	99	17	0	39	39	0	1	1	164
Construction trades .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education .....	6,210	4,063	1,148	321	243	33	402	6,559	4,113	1,283	394	249	237	12	53	43	424
Engineering .....	1,770	554	55	70	191	1	899	1,859	580	61	51	195	193	2	1	10	961
Engineering technologies and engineering- related fields <sup>1</sup> .....	17	9	0	0	3	1	4	18	9	0	0	0	0	0	0	0	9
English language and literature/letters .....	810	619	40	27	38	6	80	815	623	42	30	41	41	0	3	9	67
Family and consumer sciences/human sciences ...	232	128	24	11	13	3	53	261	155	25	7	11	11	0	0	1	62
Foreign languages, literatures, and linguistics .....	645	329	15	62	34	2	203	681	354	16	58	34	33	1	0	2	217
Health professions and related programs .....	33,800	23,230	2,329	1,539	5,484	198	1,020	34,792	23,665	2,342	1,611	5,699	5,623	76	185	249	1,041
Homeland security, law enforcement, and firefighting .	49	36	4	0	1	0	8	69	47	10	3	1	1	0	0	1	7
Legal professions and studies .....	21,074	14,691	2,000	1,637	2,060	190	496	21,157	14,441	2,005	1,683	2,032	1,958	74	169	257	570
Liberal arts and sciences, general studies, and humanities .....	56	39	5	4	1	0	7	55	42	0	0	5	5	0	0	1	7
Library science .....	44	28	2	1	2	0	11	32	15	1	0	1	1	0	0	0	15
Mathematics and statistics .....	476	183	10	9	43	0	231	454	168	10	10	41	41	0	0	1	224
Mechanic and repair technologies/technicians .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military technologies and applied sciences .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Multi/interdisciplinary studies .....	366	234	34	12	21	3	62	384	211	52	20	26	26	0	2	5	68
Parks, recreation, leisure, and fitness studies .....	126	89	8	2	9	1	17	117	73	13	4	2	2	0	0	0	25
Philosophy and religious studies .....	217	148	14	9	13	0	33	275	183	23	8	8	8	0	1	3	49
Physical sciences and science technologies .....	1,659	802	45	59	99	4	650	1,687	816	51	47	115	114	1	7	9	642
Precision production .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psychology .....	4,062	2,964	316	246	263	20	253	4,370	3,170	348	283	236	235	1	29	42	262
Public administration and social services .....	515	284	79	24	36	2	90	524	281	92	34	32	32	0	2	4	79
Social sciences and history .....	1,946	1,111	117	88	120	15	495	2,059	1,189	120	100	130	126	4	10	17	493
Social sciences .....	1,545	831	88	69	102	9	446	1,648	906	91	83	111	107	4	8	13	436
History .....	401	280	29	19	18	6	49	411	283	29	17	19	19	0	2	4	57
Theology and religious vocations .....	545	345	107	18	24	3	48	573	315	151	15	39	39	0	0	3	50
Transportation and materials moving .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts .....	899	505	25	29	91	5	244	876	490	18	32	83	83	0	2	3	248
Other and not classified .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup>Excludes "Construction trades" and "Mechanic and repair technologies/technicians," which are listed separately.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS Fall survey:

"Agriculture and natural resources" includes Agriculture, agriculture operations, and related sciences and Natural resources and conservation; and "Business" includes Business management, marketing, and related support services and Personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 340. Degrees conferred by degree-granting institutions in selected professional fields, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All fields, total.....	94,103	66,172	6,850	5,430	12,691	665	2,295	95,749	66,211	6,915	5,800	12,843	12,561	282	662	842	2,476
Dentistry (D.D.S. or D.M.D.).....	5,062	3,037	278	296	1,013	39	399	5,071	3,094	278	323	934	915	19	25	37	380
Medicine (M.D.).....	16,356	10,570	1,174	852	3,421	121	218	16,863	10,713	1,129	967	3,570	3,547	23	100	161	223
Optometry (O.D.).....	1,335	789	48	41	358	5	94	1,322	785	32	49	348	346	2	6	3	99
Osteopathic medicine (D.O.).....	3,890	2,918	115	133	687	17	20	4,141	2,986	137	159	804	783	21	25	15	15
Pharmacy (Pharm.D.).....	11,873	7,485	788	521	2,736	57	286	12,274	7,598	849	540	2,786	2,747	39	56	76	369
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)..	491	343	43	26	58	9	12	543	372	55	21	71	71	0	12	0	12
Veterinary medicine (D.V.M.).....	2,478	2,187	67	95	107	15	7	2,564	2,233	59	117	99	96	3	21	24	11
Chiropractic (D.C. or D.C.M.).....	2,601	2,116	125	107	175	11	67	2,694	2,114	139	129	190	179	11	23	17	82
Law (LL.B. or J.D.).....	44,345	33,015	3,206	3,182	3,754	368	820	44,445	32,599	3,186	3,271	3,664	3,512	152	360	476	889
Theology (M.Div., M.H.L./Rav., B.D., or Ord.).....	5,672	3,712	1,006	177	382	23	372	5,832	3,717	1,051	224	377	365	12	34	33	396

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 341. Degrees conferred to males by degree-granting institutions in selected professional fields, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All fields, total .....	47,538	35,187	2,595	2,625	5,646	322	1,163	48,801	35,456	2,719	2,835	5,772	5,630	142	349	393	1,277
Dentistry (D.D.S. or D.M.D.) .....	2,745	1,850	115	139	452	19	170	2,764	1,868	102	144	426	416	10	13	22	189
Medicine (M.D.) .....	8,468	5,719	414	435	1,726	63	111	8,701	5,833	399	495	1,731	1,719	12	55	71	117
Optometry (O.D.) .....	457	336	9	5	67	1	39	475	334	7	13	93	93	0	1	1	26
Osteopathic medicine (D.O.) .....	1,979	1,538	36	82	304	7	12	2,121	1,552	37	83	416	405	11	16	8	9
Pharmacy (Pharm.D.) .....	4,297	2,816	271	180	920	21	89	4,694	2,967	305	213	984	971	13	27	36	162
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	276	207	12	14	29	7	7	318	243	23	10	31	31	0	5	0	6
Veterinary medicine (D.V.M.) .....	555	493	12	18	27	3	2	580	505	12	28	26	26	0	2	3	4
Chiropractic (D.C. or D.C.M.) .....	1,610	1,331	53	72	110	6	38	1,666	1,318	69	87	125	118	7	13	11	43
Law (LL.B. or J.D.) .....	23,394	18,362	1,211	1,550	1,701	179	391	23,493	18,236	1,191	1,598	1,645	1,566	79	192	221	410
Theology (M.Div., M.H.L./Rav., B.D., or Ord.) .....	3,757	2,535	462	130	310	16	304	3,989	2,600	574	164	295	285	10	25	20	311

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)



**Table 342. Degrees conferred to females by degree-granting institutions in selected professional fields, by race/ethnicity and field of study: 2009–10 and 2010–11**

Field of study	2009–10							2010–11									
	Total	White	Black	Hispanic	Asian/ Pacific Islander	American Indian/ Alaska Native	Non- resident alien	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Non- resident alien
												Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All fields, total .....	46,565	30,985	4,255	2,805	7,045	343	1,132	46,948	30,755	4,196	2,965	7,071	6,931	140	313	449	1,199
Dentistry (D.D.S. or D.M.D.).....	2,317	1,187	163	157	561	20	229	2,307	1,226	176	179	508	499	9	12	15	191
Medicine (M.D.) .....	7,888	4,851	760	417	1,695	58	107	8,162	4,880	730	472	1,839	1,828	11	45	90	106
Optometry (O.D.) .....	878	453	39	36	291	4	55	847	451	25	36	255	253	2	5	2	73
Osteopathic medicine (D.O.) .....	1,911	1,380	79	51	383	10	8	2,020	1,434	100	76	388	378	10	9	7	6
Pharmacy (Pharm.D.) .....	7,576	4,669	517	341	1,816	36	197	7,580	4,631	544	327	1,802	1,776	26	29	40	207
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.).	215	136	31	12	29	2	5	225	129	32	11	40	40	0	7	0	6
Veterinary medicine (D.V.M.) .....	1,923	1,694	55	77	80	12	5	1,984	1,728	47	89	73	70	3	19	21	7
Chiropractic (D.C. or D.C.M.) .....	991	785	72	35	65	5	29	1,028	796	70	42	65	61	4	10	6	39
Law (LL.B. or J.D.) .....	20,951	14,653	1,995	1,632	2,053	189	429	20,952	14,363	1,995	1,673	2,019	1,946	73	168	255	479
Theology (M.Div., M.H.L./Rav., B.D., or Ord.) .....	1,915	1,177	544	47	72	7	68	1,843	1,117	477	60	82	80	2	9	13	85

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees that require at least 6 years of college work for completion (including at least 2 years of preprofessional training). Race categories exclude persons of Hispanic ethnicity. Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Completions component. (This table was prepared June 2012.)

**Table 343. Degrees in agriculture and natural resources conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	12,672	†	12,136	536	4.2	2,457	2,313	144	1,086	1,055	31
1971–72.....	13,516	6.7	12,779	737	5.5	2,680	2,490	190	971	945	26
1972–73.....	14,756	9.2	13,661	1,095	7.4	2,807	2,588	219	1,059	1,031	28
1973–74.....	16,253	10.1	14,684	1,569	9.7	2,928	2,640	288	930	897	33
1974–75.....	17,528	7.8	15,061	2,467	14.1	3,067	2,703	364	991	958	33
1975–76.....	19,402	10.7	15,845	3,557	18.3	3,340	2,862	478	928	867	61
1976–77.....	21,467	10.6	16,690	4,777	22.3	3,724	3,177	547	893	831	62
1977–78.....	22,650	5.5	17,069	5,581	24.6	4,023	3,268	755	971	909	62
1978–79.....	23,134	2.1	16,854	6,280	27.1	3,994	3,187	807	950	877	73
1979–80.....	22,802	-1.4	16,045	6,757	29.6	3,976	3,082	894	991	879	112
1980–81.....	21,886	-4.0	15,154	6,732	30.8	4,003	3,061	942	1,067	940	127
1981–82.....	21,029	-3.9	14,443	6,586	31.3	4,163	3,114	1,049	1,079	925	154
1982–83.....	20,909	-0.6	14,085	6,824	32.6	4,254	3,129	1,125	1,149	1,004	145
1983–84.....	19,317	-7.6	13,206	6,111	31.6	4,178	2,989	1,189	1,172	1,001	171
1984–85.....	18,107	-6.3	12,477	5,630	31.1	3,928	2,846	1,082	1,213	1,036	177
1985–86.....	16,823	-7.1	11,544	5,279	31.4	3,801	2,701	1,100	1,158	966	192
1986–87.....	14,991	-10.9	10,314	4,677	31.2	3,522	2,460	1,062	1,049	871	178
1987–88.....	14,222	-5.1	9,744	4,478	31.5	3,479	2,427	1,052	1,142	926	216
1988–89.....	13,492	-5.1	9,298	4,194	31.1	3,245	2,231	1,014	1,183	950	233
1989–90.....	12,900	-4.4	8,822	4,078	31.6	3,382	2,239	1,143	1,295	1,038	257
1990–91.....	13,124	1.7	8,832	4,292	32.7	3,295	2,160	1,135	1,185	953	232
1991–92.....	15,113	15.2	9,867	5,246	34.7	3,730	2,409	1,321	1,205	955	250
1992–93.....	16,769	11.0	11,079	5,690	33.9	3,959	2,474	1,485	1,159	869	290
1993–94.....	18,056	7.7	11,746	6,310	34.9	4,110	2,512	1,598	1,262	969	293
1994–95.....	19,832	9.8	12,686	7,146	36.0	4,234	2,541	1,693	1,256	955	301
1995–96.....	21,425	8.0	13,531	7,894	36.8	4,551	2,642	1,909	1,259	926	333
1996–97.....	22,597	5.5	13,791	8,806	39.0	4,505	2,601	1,904	1,202	875	327
1997–98.....	23,276	3.0	13,806	9,470	40.7	4,464	2,545	1,919	1,290	924	366
1998–99.....	24,179	3.9	14,045	10,134	41.9	4,376	2,360	2,016	1,249	869	380
1999–2000.....	24,238	0.2	13,843	10,395	42.9	4,360	2,356	2,004	1,168	803	365
2000–01.....	23,370	-3.6	12,840	10,530	45.1	4,272	2,251	2,021	1,127	741	386
2001–02.....	23,331	-0.2	12,630	10,701	45.9	4,503	2,340	2,163	1,148	760	388
2002–03.....	23,348	0.1	12,343	11,005	47.1	4,492	2,232	2,260	1,229	790	439
2003–04.....	22,835	-2.2	11,889	10,946	47.9	4,783	2,306	2,477	1,185	758	427
2004–05.....	23,002	0.7	11,987	11,015	47.9	4,746	2,288	2,458	1,173	763	410
2005–06.....	23,053	0.2	12,063	10,990	47.7	4,640	2,280	2,360	1,194	710	484
2006–07.....	23,133	0.3	12,309	10,824	46.8	4,623	2,174	2,449	1,272	768	504
2007–08.....	24,113	4.2	12,634	11,479	47.6	4,684	2,180	2,504	1,257	742	515
2008–09.....	24,988	3.6	13,101	11,887	47.6	4,877	2,328	2,549	1,328	741	587
2009–10.....	26,336	5.4	13,519	12,817	48.7	5,211	2,509	2,702	1,147	625	522
2010–11.....	28,623	8.7	14,675	13,948	48.7	5,773	2,750	3,023	1,246	675	571
Percent change											
2000–01 to 2005–06.....	-1.4	†	-6.1	4.4	†	8.6	1.3	16.8	5.9	-4.2	25.4
2005–06 to 2010–11.....	24.2	†	21.7	26.9	†	24.4	20.6	28.1	4.4	-4.9	18.0

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees in agriculture, agriculture operations, and related sciences and in natural resources and conservation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 344. Degrees in architecture and related services conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	2,563	†	2,441	122	4.8	166	159	7	1	1	0
1959–60.....	1,801	†	1,744	57	3.2	319	305	14	17	17	0
1967–68.....	3,057	†	2,931	126	4.1	1,021	953	68	15	15	0
1969–70.....	4,105	†	3,888	217	5.3	1,427	1,260	167	35	33	2
1970–71.....	5,570	35.7	4,906	664	11.9	1,705	1,469	236	36	33	3
1971–72.....	6,440	15.6	5,667	773	12.0	1,899	1,626	273	50	43	7
1972–73.....	6,962	8.1	6,042	920	13.2	2,307	1,943	364	58	54	4
1973–74.....	7,822	12.4	6,665	1,157	14.8	2,702	2,208	494	69	65	4
1974–75.....	8,226	5.2	6,791	1,435	17.4	2,938	2,343	595	69	58	11
1975–76.....	9,146	11.2	7,396	1,750	19.1	3,215	2,545	670	82	69	13
1976–77.....	9,222	0.8	7,249	1,973	21.4	3,213	2,489	724	73	62	11
1977–78.....	9,250	0.3	7,054	2,196	23.7	3,115	2,304	811	73	57	16
1978–79.....	9,273	0.2	6,876	2,397	25.8	3,113	2,226	887	96	74	22
1979–80.....	9,132	-1.5	6,596	2,536	27.8	3,139	2,245	894	79	66	13
1980–81.....	9,455	3.5	6,800	2,655	28.1	3,153	2,234	919	93	73	20
1981–82.....	9,728	2.9	6,825	2,903	29.8	3,327	2,242	1,085	80	58	22
1982–83.....	9,823	1.0	6,403	3,420	34.8	3,357	2,224	1,133	97	74	23
1983–84.....	9,186	-6.5	5,895	3,291	35.8	3,223	2,197	1,026	84	62	22
1984–85.....	9,325	1.5	6,019	3,306	35.5	3,275	2,148	1,127	89	66	23
1985–86.....	9,119	-2.2	5,824	3,295	36.1	3,260	2,129	1,131	73	56	17
1986–87.....	8,950	-1.9	5,617	3,333	37.2	3,163	2,086	1,077	92	66	26
1987–88.....	8,603	-3.9	5,271	3,332	38.7	3,159	2,042	1,117	98	66	32
1988–89.....	9,150	6.4	5,545	3,605	39.4	3,383	2,192	1,191	86	63	23
1989–90.....	9,364	2.3	5,703	3,661	39.1	3,499	2,228	1,271	103	73	30
1990–91.....	9,781	4.5	5,788	3,993	40.8	3,490	2,244	1,246	135	101	34
1991–92.....	8,753	-10.5	5,805	2,948	33.7	3,640	2,271	1,369	132	93	39
1992–93.....	9,167	4.7	5,940	3,227	35.2	3,808	2,376	1,432	148	105	43
1993–94.....	8,975	-2.1	5,764	3,211	35.8	3,943	2,428	1,515	161	111	50
1994–95.....	8,756	-2.4	5,741	3,015	34.4	3,923	2,310	1,613	141	95	46
1995–96.....	8,352	-4.6	5,340	3,012	36.1	3,993	2,361	1,632	141	96	45
1996–97.....	7,944	-4.9	5,090	2,854	35.9	4,034	2,336	1,698	135	93	42
1997–98.....	7,652	-3.7	4,966	2,686	35.1	4,347	2,537	1,810	131	80	51
1998–99.....	8,245	7.7	5,145	3,100	37.6	4,235	2,435	1,800	119	76	43
1999–2000.....	8,462	2.6	5,193	3,269	38.6	4,268	2,508	1,760	129	85	44
2000–01.....	8,480	0.2	5,086	3,394	40.0	4,302	2,515	1,787	153	83	70
2001–02.....	8,808	3.9	5,224	3,584	40.7	4,566	2,606	1,960	183	117	66
2002–03.....	9,056	2.8	5,331	3,725	41.1	4,925	2,832	2,093	152	83	69
2003–04.....	8,838	-2.4	5,059	3,779	42.8	5,424	3,049	2,375	173	94	79
2004–05.....	9,237	4.5	5,222	4,015	43.5	5,674	3,180	2,494	179	110	69
2005–06.....	9,515	3.0	5,414	4,101	43.1	5,743	3,165	2,578	201	108	93
2006–07.....	9,717	2.1	5,393	4,324	44.5	5,951	3,304	2,647	178	104	74
2007–08.....	9,805	0.9	5,579	4,226	43.1	6,065	3,252	2,813	199	103	96
2008–09.....	10,119	3.2	5,797	4,322	42.7	6,587	3,657	2,930	212	113	99
2009–10.....	10,051	-0.7	5,694	4,357	43.3	7,280	4,012	3,268	210	116	94
2010–11.....	9,832	-2.2	5,696	4,136	42.1	7,788	4,265	3,523	205	110	95
Percent change											
2000–01 to 2005–06.....	12.2	†	6.4	20.8	†	33.5	25.8	44.3	31.4	30.1	32.9
2005–06 to 2010–11.....	3.3	†	5.2	0.9	†	35.6	34.8	36.7	2.0	1.9	2.2

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 345. Degrees in the biological and biomedical sciences conferred by degree-granting institutions, by level of degree and sex of student:  
Selected years, 1951–52 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1951–52.....	11,094	†	8,212	2,882	26.0	2,307	1,908	399	764	680	84
1953–54.....	9,279	†	6,710	2,569	27.7	1,610	1,287	323	1,077	977	100
1955–56.....	12,423	†	9,515	2,908	23.4	1,759	1,379	380	1,025	908	117
1957–58.....	14,308	†	11,159	3,149	22.0	1,852	1,448	404	1,125	987	138
1959–60.....	15,576	†	11,654	3,922	25.2	2,154	1,668	486	1,205	1,086	119
1961–62.....	16,915	†	12,136	4,779	28.3	2,642	1,982	660	1,338	1,179	159
1963–64.....	22,723	†	16,321	6,402	28.2	3,296	2,348	948	1,625	1,432	193
1965–66.....	26,916	†	19,368	7,548	28.0	4,232	3,085	1,147	2,097	1,792	305
1967–68.....	31,826	†	22,986	8,840	27.8	5,506	3,959	1,547	2,784	2,345	439
1969–70.....	34,034	†	23,919	10,115	29.7	5,800	3,975	1,825	3,289	2,820	469
1970–71.....	35,705	4.9	25,319	10,386	29.1	5,625	3,782	1,843	3,603	3,018	585
1971–72.....	37,269	4.4	26,314	10,955	29.4	5,989	4,056	1,933	3,587	2,981	606
1972–73.....	42,207	13.2	29,625	12,582	29.8	6,156	4,317	1,839	3,583	2,892	691
1973–74.....	48,244	14.3	33,217	15,027	31.1	6,408	4,512	1,896	3,358	2,684	674
1974–75.....	51,609	7.0	34,580	17,029	33.0	6,429	4,554	1,875	3,334	2,612	722
1975–76.....	54,154	4.9	35,498	18,656	34.4	6,457	4,466	1,991	3,347	2,631	716
1976–77.....	53,464	-1.3	34,178	19,286	36.1	6,953	4,670	2,283	3,335	2,627	708
1977–78.....	51,360	-3.9	31,673	19,687	38.3	6,651	4,353	2,298	3,255	2,481	774
1978–79.....	48,713	-5.2	29,173	19,540	40.1	6,638	4,198	2,440	3,459	2,593	866
1979–80.....	46,254	-5.0	26,797	19,457	42.1	6,339	4,042	2,297	3,568	2,651	917
1980–81.....	43,078	-6.9	24,124	18,954	44.0	5,766	3,602	2,164	3,640	2,620	1,020
1981–82.....	41,501	-3.7	22,722	18,779	45.2	5,679	3,384	2,295	3,662	2,611	1,051
1982–83.....	39,924	-3.8	21,572	18,352	46.0	5,711	3,298	2,413	3,386	2,306	1,080
1983–84.....	38,593	-3.3	20,565	18,028	46.7	5,489	3,123	2,366	3,496	2,416	1,080
1984–85.....	38,354	-0.6	20,071	18,283	47.7	5,109	2,775	2,334	3,465	2,335	1,130
1985–86.....	38,395	0.1	20,000	18,395	47.9	5,064	2,733	2,331	3,405	2,273	1,132
1986–87.....	38,074	-0.8	19,684	18,390	48.3	4,995	2,646	2,349	3,469	2,268	1,201
1987–88.....	36,688	-3.6	18,267	18,421	50.2	4,871	2,530	2,341	3,688	2,389	1,299
1988–89.....	36,068	-1.7	17,998	18,070	50.1	5,034	2,598	2,436	3,617	2,299	1,318
1989–90.....	37,304	3.4	18,363	18,941	50.8	4,941	2,509	2,432	3,922	2,478	1,444
1990–91.....	39,482	5.8	19,418	20,064	50.8	4,834	2,417	2,417	4,152	2,618	1,534
1991–92.....	42,892	8.6	20,816	22,076	51.5	4,862	2,437	2,425	4,442	2,749	1,693
1992–93.....	47,009	9.6	22,870	24,139	51.3	5,026	2,540	2,486	4,749	2,866	1,883
1993–94.....	51,296	9.1	25,071	26,225	51.1	5,462	2,681	2,781	4,891	2,910	1,981
1994–95.....	55,983	9.1	26,734	29,249	52.2	5,873	2,920	2,953	5,069	3,012	2,057
1995–96.....	61,014	9.0	28,921	32,093	52.6	6,593	3,212	3,381	5,250	3,062	2,188
1996–97.....	63,973	4.8	29,562	34,411	53.8	6,986	3,419	3,567	5,313	3,014	2,299
1997–98.....	65,917	3.0	29,663	36,254	55.0	6,848	3,336	3,512	5,474	3,123	2,351
1998–99.....	65,310	-0.9	28,507	36,803	56.4	6,966	3,279	3,687	5,250	3,010	2,240
1999–2000.....	63,630	-2.6	26,579	37,051	58.2	6,850	3,171	3,679	5,463	3,068	2,395
2000–01.....	60,576	-4.8	24,600	35,976	59.4	7,017	3,075	3,942	5,225	2,923	2,302
2001–02.....	60,309	-0.4	23,694	36,615	60.7	7,011	3,033	3,978	5,104	2,836	2,268
2002–03.....	61,294	1.6	23,356	37,938	61.9	7,050	3,015	4,035	5,268	2,866	2,402
2003–04.....	62,624	2.2	23,691	38,933	62.2	7,732	3,271	4,461	5,538	2,975	2,563
2004–05.....	65,915	5.3	25,104	40,811	61.9	8,284	3,361	4,923	5,935	3,025	2,910
2005–06.....	70,607	7.1	27,183	43,424	61.5	8,781	3,709	5,072	6,162	3,138	3,024
2006–07.....	76,832	8.8	30,600	46,232	60.2	8,898	3,639	5,259	6,764	3,440	3,324
2007–08.....	79,829	3.9	32,401	47,428	59.4	9,689	4,094	5,595	7,400	3,645	3,755
2008–09.....	82,825	3.8	33,705	49,120	59.3	10,017	4,250	5,767	7,499	3,549	3,950
2009–10.....	86,400	4.3	35,865	50,535	58.5	10,725	4,611	6,114	7,666	3,600	4,066
2010–11.....	90,003	4.2	36,892	53,111	59.0	11,327	4,871	6,456	7,693	3,648	4,045
Percent change 2000–01 to 2005–06.....	16.6	†	10.5	20.7	†	25.1	20.6	28.7	17.9	7.4	31.4
2005–06 to 2010–11.....	27.5	†	35.7	22.3	†	29.0	31.3	27.3	24.8	16.3	33.8

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1951–52 through 1963–64; Higher Education General Information Sur-

veys (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 346. Degrees in biology, microbiology, and zoology conferred by degree-granting institutions, by level of degree: 1970–71 through 2010–11**

Year	Biology, general			Microbiology <sup>1</sup>			Zoology <sup>2</sup>		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71.....	26,294	2,665	536	1,475	456	365	5,721	1,027	878
1971–72.....	27,473	2,943	580	1,548	470	351	5,518	1,040	836
1972–73.....	31,185	2,959	627	1,940	517	344	5,763	1,042	803
1973–74.....	36,188	3,186	657	2,311	505	384	6,128	1,091	677
1974–75.....	38,748	3,109	637	2,767	552	345	6,110	1,039	697
1975–76.....	40,163	3,177	624	2,927	585	364	6,077	976	645
1976–77.....	39,530	3,322	608	2,884	659	325	5,574	985	696
1977–78.....	37,598	3,094	664	2,695	615	353	5,096	958	624
1978–79.....	35,962	3,093	663	2,670	597	395	4,738	946	669
1979–80.....	33,523	2,911	718	2,631	596	376	4,301	922	639
1980–81.....	31,323	2,598	734	2,414	482	370	3,873	881	613
1981–82.....	29,651	2,579	678	2,377	470	350	3,615	868	625
1982–83.....	28,022	2,354	521	2,324	499	358	3,407	738	533
1983–84.....	27,379	2,313	617	2,349	505	388	3,231	700	521
1984–85.....	27,593	2,130	658	2,207	471	319	3,069	664	508
1985–86.....	27,618	2,173	574	2,257	392	362	2,894	618	548
1986–87.....	27,465	2,022	537	2,159	451	380	2,791	623	464
1987–88.....	26,838	1,981	576	2,061	404	442	2,537	629	492
1988–89.....	26,229	2,097	527	1,833	449	423	2,549	634	466
1989–90.....	27,213	1,998	551	1,973	403	441	2,473	548	545
1990–91.....	29,285	1,956	632	1,788	343	443	2,641	551	516
1991–92.....	31,909	1,995	657	1,750	372	532	2,811	530	494
1992–93.....	34,932	2,000	671	1,798	367	621	3,036	559	465
1993–94.....	38,103	2,178	665	1,872	359	591	3,162	658	503
1994–95.....	41,658	2,350	729	1,992	326	572	3,149	586	487
1995–96.....	44,818	2,606	768	2,220	364	606	3,463	677	501
1996–97.....	46,632	2,742	693	2,530	363	612	3,438	720	474
1997–98.....	47,054	2,617	809	2,926	401	585	3,653	685	465
1998–99.....	46,172	2,616	718	2,885	406	544	3,508	606	462
1999–2000.....	44,982	2,599	727	3,049	383	551	3,226	616	481
2000–01.....	42,310	2,582	780	2,779	334	553	3,045	560	380
2001–02.....	42,281	2,424	689	2,622	325	538	2,979	578	413
2002–03.....	42,699	2,340	680	2,455	297	507	2,488	379	355
2003–04.....	43,465	2,529	681	2,365	350	599	2,454	367	245
2004–05.....	45,540	2,564	712	2,318	390	610	2,159	384	268
2005–06.....	48,855	2,719	776	2,243	372	612	2,140	384	254
2006–07.....	52,527	2,679	788	2,347	369	667	2,223	416	263
2007–08.....	54,384	2,935	866	2,458	353	734	2,235	381	281
2008–09.....	55,856	2,986	896	2,480	291	716	2,141	347	297
2009–10.....	58,732	3,156	914	2,449	303	767	2,147	360	243
2010–11.....	61,247	3,283	935	2,466	337	739	2,062	338	230
Percent change									
2000–01 to 2005–06.....	15.5	5.3	-0.5	-19.3	11.4	10.7	-29.7	-31.4	-33.2
2005–06 to 2010–11.....	25.4	20.7	20.5	9.9	-9.4	20.8	-3.6	-12.0	-9.4

<sup>1</sup>Includes microbiology, general; medical microbiology and bacteriology; virology; parasitology; immunology; and microbiological sciences and immunology, other.

<sup>2</sup>Includes zoology/animal biology; entomology; animal physiology; animal behavior and ethology; wildlife biology; and zoology/animal biology, other.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 347. Degrees in business conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1955–56 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1955–56.....	42,813	†	38,706	4,107	9.6	3,280	3,118	162	129	127	2
1957–58.....	51,991	†	48,063	3,928	7.6	4,223	4,072	151	110	105	5
1959–60.....	51,076	†	47,262	3,814	7.5	4,643	4,476	167	135	133	2
1961–62.....	49,017	†	45,184	3,833	7.8	7,691	7,484	207	226	221	5
1963–64.....	55,474	†	51,056	4,418	8.0	9,251	9,008	243	275	268	7
1965–66.....	62,721	†	57,516	5,205	8.3	12,959	12,628	331	387	370	17
1967–68.....	79,074	†	72,126	6,948	8.8	17,795	17,186	609	441	427	14
1969–70.....	105,580	†	96,346	9,234	8.7	21,561	20,792	769	620	610	10
1970–71.....	115,396	9.3	104,936	10,460	9.1	26,490	25,458	1,032	774	753	21
1971–72.....	121,917	5.7	110,331	11,586	9.5	30,509	29,317	1,192	876	857	19
1972–73.....	126,717	3.9	113,337	13,380	10.6	31,208	29,689	1,519	917	864	53
1973–74.....	132,304	4.4	115,363	16,941	12.8	32,691	30,557	2,134	922	873	49
1974–75.....	133,639	1.0	111,983	21,656	16.2	36,315	33,274	3,041	939	900	39
1975–76.....	143,171	7.1	114,986	28,185	19.7	42,592	37,654	4,938	906	856	50
1976–77.....	152,010	6.2	116,394	35,616	23.4	46,505	39,852	6,653	839	785	54
1977–78.....	160,775	5.8	117,103	43,672	27.2	48,347	40,224	8,123	834	760	74
1978–79.....	172,392	7.2	119,765	52,627	30.5	50,397	40,766	9,631	852	752	100
1979–80.....	186,264	8.0	123,639	62,625	33.6	55,008	42,744	12,264	767	650	117
1980–81.....	200,521	7.7	126,798	73,723	36.8	57,888	43,411	14,477	808	686	122
1981–82.....	215,190	7.3	130,693	84,497	39.3	61,251	44,230	17,021	826	676	150
1982–83.....	226,442	5.2	131,451	94,991	41.9	64,741	45,987	18,754	770	638	132
1983–84.....	229,013	1.1	129,296	99,717	43.5	66,129	46,167	19,962	926	727	199
1984–85.....	232,282	1.4	127,467	104,815	45.1	66,981	46,199	20,782	827	685	142
1985–86.....	236,700	1.9	128,415	108,285	45.7	66,676	45,927	20,749	923	720	203
1986–87.....	240,346	1.5	128,506	111,840	46.5	67,093	44,913	22,180	1,062	808	254
1987–88.....	242,859	1.0	129,467	113,392	46.7	69,230	45,980	23,250	1,063	810	253
1988–89.....	246,262	1.4	131,098	115,164	46.8	73,065	48,540	24,525	1,100	800	300
1989–90.....	248,568	0.9	132,284	116,284	46.8	76,676	50,585	26,091	1,093	818	275
1990–91.....	249,165	0.2	131,557	117,608	47.2	78,255	50,883	27,372	1,185	876	309
1991–92.....	256,298	2.9	135,263	121,035	47.2	84,517	54,609	29,908	1,242	953	289
1992–93.....	256,473	0.1	135,368	121,105	47.2	89,425	57,504	31,921	1,346	969	377
1993–94.....	246,265	-4.0	128,946	117,319	47.6	93,285	59,223	34,062	1,364	980	384
1994–95.....	233,895	-5.0	121,663	112,232	48.0	93,540	58,931	34,609	1,391	1,011	380
1995–96.....	226,623	-3.1	116,545	110,078	48.6	93,554	58,400	35,154	1,366	972	394
1996–97.....	225,934	-0.3	116,023	109,911	48.6	97,204	59,333	37,871	1,336	947	389
1997–98.....	232,079	2.7	119,379	112,700	48.6	101,652	62,357	39,295	1,290	885	405
1998–99.....	239,924	3.4	121,741	118,183	49.3	106,830	64,271	42,559	1,216	848	368
1999–2000.....	256,070	6.7	128,521	127,549	49.8	111,532	67,078	44,454	1,194	812	382
2000–01.....	263,515	2.9	132,275	131,240	49.8	115,602	68,471	47,131	1,180	783	397
2001–02.....	278,217	5.6	138,343	139,874	50.3	119,725	70,463	49,262	1,156	746	410
2002–03.....	293,391	5.5	145,075	148,316	50.6	127,685	75,239	52,446	1,252	820	432
2003–04.....	307,149	4.7	152,513	154,636	50.3	139,347	80,858	58,489	1,481	960	521
2004–05.....	311,574	1.4	155,940	155,634	50.0	142,617	82,151	60,466	1,498	901	597
2005–06.....	318,042	2.1	159,683	158,359	49.8	146,406	83,550	62,856	1,711	1,049	662
2006–07.....	327,531	3.0	166,350	161,181	49.2	150,211	84,115	66,096	2,029	1,188	841
2007–08.....	335,254	2.4	170,978	164,276	49.0	155,637	86,258	69,379	2,084	1,250	834
2008–09.....	347,985	3.8	177,862	170,123	48.9	168,375	91,981	76,394	2,123	1,302	821
2009–10.....	358,293	3.0	183,301	174,992	48.8	177,684	96,709	80,975	2,245	1,335	910
2010–11.....	365,093	1.9	187,081	178,012	48.8	187,213	101,450	85,763	2,286	1,357	929
Percent change											
2000–01 to 2005–06.....	20.7	†	20.7	20.7	†	26.6	22.0	33.4	45.0	34.0	66.8
2005–06 to 2010–11.....	14.8	†	17.2	12.4	†	27.9	21.4	36.4	33.6	29.4	40.3

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees in business, management, marketing, and related support services and in personal and culinary services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1955–56 through 1963–64; Higher Education General Information Sur-

veys (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 348. Degrees in communication, journalism, and related programs and in communications technologies conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	10,802	†	6,989	3,813	35.3	1,856	1,214	642	145	126	19
1971–72.....	12,340	14.2	7,964	4,376	35.5	2,200	1,443	757	111	96	15
1972–73.....	14,317	16.0	9,074	5,243	36.6	2,406	1,546	860	139	114	25
1973–74.....	17,096	19.4	10,536	6,560	38.4	2,640	1,668	972	175	146	29
1974–75.....	19,248	12.6	11,455	7,793	40.5	2,794	1,618	1,176	165	119	46
1975–76.....	21,282	10.6	12,458	8,824	41.5	3,126	1,818	1,308	204	154	50
1976–77.....	23,214	9.1	12,932	10,282	44.3	3,091	1,719	1,372	171	130	41
1977–78.....	25,400	9.4	13,480	11,920	46.9	3,296	1,673	1,623	191	138	53
1978–79.....	26,457	4.2	13,266	13,191	49.9	2,882	1,483	1,399	192	138	54
1979–80.....	28,616	8.2	13,656	14,960	52.3	3,082	1,527	1,555	193	121	72
1980–81.....	31,282	9.3	14,179	17,103	54.7	3,105	1,448	1,657	182	107	75
1981–82.....	34,222	9.4	14,917	19,305	56.4	3,327	1,578	1,749	200	136	64
1982–83.....	38,647	12.9	16,213	22,434	58.0	3,600	1,660	1,940	208	123	85
1983–84.....	40,203	4.0	16,662	23,541	58.6	3,620	1,578	2,042	216	129	87
1984–85.....	42,102	4.7	17,233	24,869	59.1	3,657	1,574	2,083	232	141	91
1985–86.....	43,145	2.5	17,681	25,464	59.0	3,808	1,603	2,205	218	116	102
1986–87.....	45,521	5.5	18,201	27,320	60.0	3,881	1,584	2,297	275	158	117
1987–88.....	46,916	3.1	18,672	28,244	60.2	3,916	1,568	2,348	233	133	100
1988–89.....	48,889	4.2	19,357	29,532	60.4	4,249	1,734	2,515	248	137	111
1989–90.....	51,572	5.5	20,374	31,198	60.5	4,353	1,705	2,648	272	145	127
1990–91.....	53,047	2.9	20,806	32,241	60.8	4,327	1,711	2,616	272	150	122
1991–92.....	55,144	4.0	21,601	33,543	60.8	4,463	1,692	2,771	255	132	123
1992–93.....	54,907	-0.4	22,154	32,753	59.7	5,179	1,969	3,210	301	146	155
1993–94.....	52,033	-5.2	21,484	30,549	58.7	5,388	2,088	3,300	345	174	171
1994–95.....	48,969	-5.9	20,501	28,468	58.1	5,559	2,086	3,473	321	162	159
1995–96.....	48,173	-1.6	19,868	28,305	58.8	5,561	2,153	3,408	345	190	155
1996–97.....	47,894	-0.6	19,771	28,123	58.7	5,552	1,989	3,563	300	155	145
1997–98.....	50,263	4.9	20,103	30,160	60.0	6,097	2,369	3,728	359	171	188
1998–99.....	52,397	4.2	20,943	31,454	60.0	5,582	2,001	3,581	348	182	166
1999–2000.....	57,058	8.9	22,152	34,906	61.2	5,525	2,030	3,495	357	168	189
2000–01.....	59,191	3.7	22,542	36,649	61.9	5,645	1,964	3,681	370	190	180
2001–02.....	64,036	8.2	23,692	40,344	63.0	5,980	2,169	3,811	383	168	215
2002–03.....	69,828	9.0	25,338	44,490	63.7	6,495	2,301	4,194	398	179	219
2003–04.....	73,002	4.5	25,813	47,189	64.6	6,900	2,329	4,571	426	186	240
2004–05.....	75,238	3.1	26,926	48,312	64.2	7,195	2,535	4,660	468	195	273
2005–06.....	76,936	2.3	28,142	48,794	63.4	7,745	2,611	5,134	464	207	257
2006–07.....	78,420	1.9	29,009	49,411	63.0	7,272	2,485	4,787	480	188	292
2007–08.....	81,048	3.4	30,384	50,664	62.5	7,546	2,580	4,966	496	209	287
2008–09.....	83,109	2.5	31,218	51,891	62.4	7,567	2,459	5,108	535	225	310
2009–10.....	86,048	3.5	32,040	54,008	62.8	8,099	2,659	5,440	573	225	348
2010–11.....	88,132	2.4	33,023	55,109	62.5	8,805	2,820	5,985	578	207	371
Percent change											
2000–01 to 2005–06.....	30.0	†	24.8	33.1	†	37.2	32.9	39.5	25.4	8.9	42.8
2005–06 to 2010–11.....	14.6	†	17.3	12.9	†	13.7	8.0	16.6	24.6	0.0	44.4

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 349. Degrees in computer and information sciences conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	2,388	†	2,064	324	13.6	1,588	1,424	164	128	125	3
1971–72.....	3,402	42.5	2,941	461	13.6	1,977	1,752	225	167	155	12
1972–73.....	4,304	26.5	3,664	640	14.9	2,113	1,888	225	196	181	15
1973–74.....	4,756	10.5	3,976	780	16.4	2,276	1,983	293	198	189	9
1974–75.....	5,033	5.8	4,080	953	18.9	2,299	1,961	338	213	199	14
1975–76.....	5,652	12.3	4,534	1,118	19.8	2,603	2,226	377	244	221	23
1976–77.....	6,407	13.4	4,876	1,531	23.9	2,798	2,332	466	216	197	19
1977–78.....	7,201	12.4	5,349	1,852	25.7	3,038	2,471	567	196	181	15
1978–79.....	8,719	21.1	6,272	2,447	28.1	3,055	2,480	575	236	206	30
1979–80.....	11,154	27.9	7,782	3,372	30.2	3,647	2,883	764	240	213	27
1980–81.....	15,121	35.6	10,202	4,919	32.5	4,218	3,247	971	252	227	25
1981–82.....	20,267	34.0	13,218	7,049	34.8	4,935	3,625	1,310	251	230	21
1982–83.....	24,565	21.2	15,641	8,924	36.3	5,321	3,813	1,508	262	228	34
1983–84.....	32,439	32.1	20,416	12,023	37.1	6,190	4,379	1,811	251	225	26
1984–85.....	39,121	20.6	24,737	14,384	36.8	7,101	5,064	2,037	248	223	25
1985–86.....	42,337	8.2	27,208	15,129	35.7	8,070	5,658	2,412	344	299	45
1986–87.....	39,767	-6.1	25,962	13,805	34.7	8,481	5,985	2,496	374	322	52
1987–88.....	34,651	-12.9	23,414	11,237	32.4	9,197	6,726	2,471	428	380	48
1988–89.....	30,560	-11.8	21,143	9,417	30.8	9,414	6,775	2,639	551	466	85
1989–90.....	27,347	-10.5	19,159	8,188	29.9	9,677	6,960	2,717	627	534	93
1990–91.....	25,159	-8.0	17,771	7,388	29.4	9,324	6,563	2,761	676	584	92
1991–92.....	24,821	-1.3	17,685	7,136	28.7	9,655	6,980	2,675	772	669	103
1992–93.....	24,519	-1.2	17,606	6,913	28.2	10,353	7,557	2,796	805	689	116
1993–94.....	24,527	#	17,528	6,999	28.5	10,568	7,836	2,732	810	685	125
1994–95.....	24,737	0.9	17,684	7,053	28.5	10,595	7,805	2,790	887	726	161
1995–96.....	24,506	-0.9	17,757	6,749	27.5	10,579	7,729	2,850	869	743	126
1996–97.....	25,422	3.7	18,527	6,895	27.1	10,513	7,526	2,987	857	721	136
1997–98.....	27,829	9.5	20,372	7,457	26.8	11,765	8,343	3,422	858	718	140
1998–99.....	30,552	9.8	22,289	8,263	27.0	12,843	8,866	3,977	806	656	150
1999–2000.....	37,788	23.7	27,185	10,603	28.1	14,990	9,978	5,012	779	648	131
2000–01.....	44,142	16.8	31,923	12,219	27.7	16,911	11,195	5,716	768	632	136
2001–02.....	50,365	14.1	36,462	13,903	27.6	17,173	11,447	5,726	752	581	171
2002–03.....	57,433	14.0	41,950	15,483	27.0	19,509	13,267	6,242	816	648	168
2003–04.....	59,488	3.6	44,585	14,903	25.1	20,143	13,868	6,275	909	709	200
2004–05.....	54,111	-9.0	42,125	11,986	22.2	18,416	13,136	5,280	1,119	905	214
2005–06.....	47,480	-12.3	37,705	9,775	20.6	17,055	12,470	4,585	1,416	1,109	307
2006–07.....	42,170	-11.2	34,342	7,828	18.6	16,232	11,985	4,247	1,595	1,267	328
2007–08.....	38,476	-8.8	31,694	6,782	17.6	17,087	12,513	4,574	1,698	1,323	375
2008–09.....	37,994	-1.3	31,215	6,779	17.8	17,907	13,063	4,844	1,580	1,226	354
2009–10.....	39,589	4.2	32,410	7,179	18.1	17,953	13,017	4,936	1,599	1,250	349
2010–11.....	43,072	8.8	35,478	7,594	17.6	19,446	13,956	5,490	1,588	1,267	321
Percent change											
2000–01 to 2005–06.....	7.6	†	18.1	-20.0	†	0.9	11.4	-19.8	84.4	75.5	125.7
2005–06 to 2010–11.....	-9.3	†	-5.9	-22.3	†	14.0	11.9	19.7	12.1	14.2	4.6

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)



**Table 350. Degrees in education conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	61,472	†	31,398	30,074	48.9	20,069	12,025	8,044	953	797	156
1959–60.....	89,002	†	25,556	63,446	71.3	33,433	18,057	15,376	1,591	1,279	312
1967–68.....	133,965	†	31,926	102,039	76.2	63,399	30,672	32,727	4,078	3,250	828
1969–70.....	163,964	†	40,420	123,544	75.3	78,020	34,832	43,188	5,588	4,479	1,109
1970–71.....	176,307	7.5	44,896	131,411	74.5	87,666	38,365	49,301	6,041	4,771	1,270
1971–72.....	190,880	8.3	49,344	141,536	74.1	96,668	41,141	55,527	6,648	5,104	1,544
1972–73.....	193,984	1.6	51,300	142,684	73.6	103,777	43,298	60,479	6,857	5,191	1,666
1973–74.....	184,907	-4.7	48,997	135,910	73.5	110,402	44,112	66,290	6,757	4,974	1,783
1974–75.....	166,758	-9.8	44,463	122,295	73.3	117,841	44,430	73,411	6,975	4,856	2,119
1975–76.....	154,437	-7.4	42,004	112,433	72.8	126,061	44,831	81,230	7,202	4,826	2,376
1976–77.....	143,234	-7.3	39,867	103,367	72.2	124,267	42,308	81,959	7,338	4,832	2,506
1977–78.....	135,821	-5.2	37,410	98,411	72.5	116,916	37,662	79,254	7,018	4,281	2,737
1978–79.....	125,873	-7.3	33,743	92,130	73.2	109,866	34,410	75,456	7,170	4,174	2,996
1979–80.....	118,038	-6.2	30,901	87,137	73.8	101,819	30,300	71,519	7,314	4,100	3,214
1980–81.....	108,074	-8.4	27,039	81,035	75.0	96,713	27,548	69,165	7,279	3,843	3,436
1981–82.....	100,932	-6.6	24,380	76,552	75.8	91,601	25,339	66,262	6,999	3,612	3,387
1982–83.....	97,908	-3.0	23,651	74,257	75.8	83,254	22,824	60,430	7,063	3,550	3,513
1983–84.....	92,310	-5.7	22,200	70,110	76.0	75,700	21,164	54,536	6,914	3,448	3,466
1984–85.....	88,078	-4.6	21,254	66,824	75.9	74,667	20,539	54,128	6,614	3,174	3,440
1985–86.....	87,147	-1.1	20,982	66,165	75.9	74,816	20,302	54,514	6,610	3,088	3,522
1986–87.....	86,788	-0.4	20,705	66,083	76.1	72,619	18,955	53,664	5,905	2,745	3,160
1987–88.....	90,928	4.8	20,947	69,981	77.0	75,270	18,777	56,493	5,568	2,530	3,038
1988–89.....	96,740	6.4	21,643	75,097	77.6	79,793	19,616	60,177	5,884	2,522	3,362
1989–90.....	105,112	8.7	23,007	82,105	78.1	84,890	20,469	64,421	6,503	2,776	3,727
1990–91.....	110,807	5.4	23,417	87,390	78.9	87,352	20,448	66,904	6,189	2,614	3,575
1991–92.....	107,836	-2.7	22,655	85,181	79.0	91,225	20,897	70,328	6,423	2,652	3,771
1992–93.....	107,578	-0.2	23,199	84,379	78.4	94,497	21,857	72,640	6,581	2,712	3,869
1993–94.....	107,440	-0.1	24,424	83,016	77.3	97,427	22,656	74,771	6,450	2,555	3,895
1994–95.....	105,929	-1.4	25,619	80,310	75.8	99,835	23,511	76,324	6,475	2,490	3,985
1995–96.....	105,384	-0.5	26,214	79,170	75.1	104,936	24,955	79,981	6,246	2,404	3,842
1996–97.....	105,116	-0.3	26,242	78,874	75.0	108,720	25,518	83,202	6,297	2,367	3,930
1997–98.....	105,833	0.7	26,285	79,548	75.2	113,374	26,814	86,560	6,261	2,334	3,927
1998–99.....	107,372	1.5	26,321	81,051	75.5	118,226	28,077	90,149	6,471	2,297	4,174
1999–2000.....	108,034	0.6	26,103	81,931	75.8	123,045	29,081	93,964	6,409	2,295	4,114
2000–01.....	105,458	-2.4	24,580	80,878	76.7	127,829	29,997	97,832	6,284	2,237	4,047
2001–02.....	106,295	0.8	24,049	82,246	77.4	135,189	31,907	103,282	6,549	2,211	4,338
2002–03.....	105,845	-0.4	22,604	83,241	78.6	147,883	34,033	113,850	6,832	2,314	4,518
2003–04.....	106,278	0.4	22,802	83,476	78.5	162,345	37,843	124,502	7,088	2,403	4,685
2004–05.....	105,451	-0.8	22,513	82,938	78.7	167,490	38,863	128,627	7,681	2,557	5,124
2005–06.....	107,238	1.7	22,448	84,790	79.1	174,620	40,700	133,920	7,584	2,664	4,920
2006–07.....	105,641	-1.5	22,516	83,125	78.7	176,572	40,164	136,408	8,261	2,681	5,580
2007–08.....	102,582	-2.9	21,828	80,754	78.7	175,880	40,055	135,825	8,491	2,773	5,718
2008–09.....	101,708	-0.9	21,159	80,549	79.2	178,564	40,324	138,240	9,028	2,956	6,072
2009–10.....	101,265	-0.4	20,726	80,539	79.5	182,139	41,296	140,843	9,233	3,023	6,210
2010–11.....	103,992	2.7	21,195	82,797	79.6	185,009	42,022	142,987	9,623	3,064	6,559
Percent change											
2000–01 to 2005–06.....	1.7	†	-8.7	4.8	†	36.6	35.7	36.9	20.7	19.1	21.6
2005–06 to 2010–11.....	-3.0	†	-5.6	-2.4	†	5.9	3.2	6.8	26.9	15.0	33.3

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 351. Degrees in engineering and engineering technologies conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	52,246	†	52,071	175	0.3	4,496	4,481	15	417	416	1
1959–60.....	37,679	†	37,537	142	0.4	7,159	7,133	26	786	783	3
1969–70.....	44,479	†	44,149	330	0.7	15,593	15,421	172	3,681	3,657	24
1970–71.....	50,182	12.8	49,775	407	0.8	16,947	16,734	213	3,688	3,663	25
1971–72.....	51,258	2.1	50,726	532	1.0	17,299	17,009	290	3,708	3,685	23
1972–73.....	51,384	0.2	50,766	618	1.2	16,988	16,694	294	3,513	3,459	54
1973–74.....	50,412	-1.9	49,611	801	1.6	15,851	15,470	381	3,374	3,318	56
1974–75.....	47,131	-6.5	46,105	1,026	2.2	15,837	15,426	411	3,181	3,113	68
1975–76.....	46,676	-1.0	45,184	1,492	3.2	16,800	16,174	626	2,874	2,805	69
1976–77.....	49,482	6.0	47,238	2,244	4.5	16,659	15,891	768	2,622	2,547	75
1977–78.....	56,150	13.5	52,353	3,797	6.8	16,887	15,940	947	2,483	2,424	59
1978–79.....	62,898	12.0	57,603	5,295	8.4	16,012	14,971	1,041	2,545	2,459	86
1979–80.....	69,387	10.3	62,877	6,510	9.4	16,765	15,535	1,230	2,546	2,447	99
1980–81.....	75,355	8.6	67,573	7,782	10.3	17,216	15,761	1,455	2,608	2,499	109
1981–82.....	80,632	7.0	71,305	9,327	11.6	18,475	16,747	1,728	2,676	2,532	144
1982–83.....	89,811	11.4	78,673	11,138	12.4	19,949	18,038	1,911	2,871	2,742	129
1983–84.....	95,295	6.1	82,841	12,454	13.1	21,197	18,916	2,281	3,032	2,864	168
1984–85.....	97,099	1.9	83,991	13,108	13.5	22,124	19,688	2,436	3,269	3,055	214
1985–86.....	97,122	#	84,050	13,072	13.5	22,146	19,545	2,601	3,456	3,220	236
1986–87.....	93,560	-3.7	80,543	13,017	13.9	23,101	20,137	2,964	3,854	3,585	269
1987–88.....	89,406	-4.4	76,886	12,520	14.0	23,839	20,815	3,024	4,237	3,941	296
1988–89.....	85,982	-3.8	74,020	11,962	13.9	25,066	21,731	3,335	4,572	4,160	412
1989–90.....	82,480	-4.1	70,859	11,621	14.1	25,294	21,753	3,541	5,030	4,576	454
1990–91.....	79,751	-3.3	68,482	11,269	14.1	25,450	21,780	3,670	5,330	4,834	496
1991–92.....	78,036	-2.2	67,086	10,950	14.0	26,373	22,397	3,976	5,499	4,967	532
1992–93.....	78,619	0.7	67,214	11,405	14.5	29,103	24,721	4,382	5,870	5,300	570
1993–94.....	78,580	#	66,867	11,713	14.9	30,102	25,394	4,708	5,954	5,288	666
1994–95.....	78,483	-0.1	66,157	12,326	15.7	29,949	25,028	4,921	6,108	5,378	730
1995–96.....	77,997	-0.6	65,362	12,635	16.2	28,843	23,840	5,003	6,354	5,559	795
1996–97.....	75,659	-3.0	62,994	12,665	16.7	27,016	22,047	4,969	6,166	5,408	758
1997–98.....	74,557	-1.5	61,880	12,677	17.0	27,244	21,800	5,444	5,966	5,230	736
1998–99.....	72,796	-2.4	59,859	12,937	17.8	26,689	21,348	5,341	5,413	4,643	770
1999–2000.....	73,323	0.7	59,668	13,655	18.6	26,648	21,047	5,601	5,367	4,539	828
2000–01.....	72,869	-0.6	59,489	13,380	18.4	27,187	21,341	5,846	5,547	4,630	917
2001–02.....	74,588	2.4	60,417	14,171	19.0	26,987	21,212	5,775	5,181	4,285	896
2002–03.....	77,231	3.5	62,821	14,410	18.7	30,583	24,097	6,486	5,252	4,353	899
2003–04.....	78,079	1.1	63,401	14,678	18.8	35,053	27,561	7,492	5,859	4,821	1,038
2004–05.....	79,544	1.9	65,033	14,511	18.2	34,988	27,049	7,939	6,467	5,263	1,204
2005–06.....	81,406	2.3	66,866	14,540	17.9	33,389	25,568	7,821	7,318	5,848	1,470
2006–07.....	81,854	0.6	68,081	13,773	16.8	31,989	24,746	7,243	7,928	6,285	1,643
2007–08.....	83,608	2.1	69,540	14,068	16.8	34,430	26,461	7,969	7,977	6,263	1,714
2008–09.....	84,414	1.0	70,511	13,903	16.5	38,001	29,452	8,549	7,801	6,121	1,680
2009–10.....	88,729	5.1	73,833	14,896	16.8	39,346	30,521	8,825	7,771	5,984	1,787
2010–11.....	93,117	4.9	77,100	16,017	17.2	43,234	33,418	9,816	8,425	6,548	1,877
Percent change											
2000–01 to 2005–06.....	11.7	†	12.4	8.7	†	22.8	19.8	33.8	31.9	26.3	60.3
2005–06 to 2010–11.....	14.4	†	15.3	10.2	†	29.5	30.7	25.5	15.1	12.0	27.7

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes degrees in engineering, engineering-related technologies, mechanic and repair technologies, and construction trades for 1969–70 and later years.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1969–70 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 352. Degrees in chemical, civil, electrical, and mechanical engineering conferred by degree-granting institutions, by level of degree: 1970–71 through 2010–11**

Year	Chemical engineering			Civil engineering			Electrical, electronics, and communications engineering			Mechanical engineering		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1970–71.....	3,579	1,100	406	6,526	2,425	446	12,198	4,282	879	8,858	2,237	438
1971–72.....	3,625	1,154	394	6,803	2,487	415	12,101	4,206	824	8,530	2,282	411
1972–73.....	3,578	1,051	397	7,390	2,627	397	12,313	3,895	791	8,523	2,141	370
1973–74.....	3,399	1,044	400	8,017	2,652	368	11,316	3,499	705	7,677	1,843	385
1974–75.....	3,070	990	346	7,651	2,769	356	10,161	3,469	701	6,890	1,858	340
1975–76.....	3,140	1,031	308	7,923	2,999	370	9,791	3,774	649	6,800	1,907	305
1976–77.....	3,524	1,086	291	8,228	2,964	309	9,936	3,788	566	7,703	1,952	283
1977–78.....	4,569	1,235	259	9,135	2,685	277	11,133	3,740	503	8,875	1,942	279
1978–79.....	5,568	1,149	304	9,809	2,646	253	12,338	3,591	586	10,107	1,877	271
1979–80.....	6,320	1,270	284	10,326	2,683	270	13,821	3,836	525	11,808	2,060	281
1980–81.....	6,527	1,267	300	10,678	2,891	325	14,938	3,901	535	13,329	2,291	276
1981–82.....	6,740	1,285	311	10,524	2,995	329	16,455	4,462	526	13,922	2,399	333
1982–83.....	7,185	1,368	319	9,989	3,074	340	18,049	4,531	550	15,675	2,511	299
1983–84.....	7,475	1,514	330	9,693	3,146	369	19,943	5,078	585	16,629	2,797	319
1984–85.....	7,146	1,544	418	9,162	3,172	377	21,691	5,153	660	16,794	3,053	409
1985–86.....	5,877	1,361	446	8,679	2,926	395	23,742	5,534	722	16,194	3,075	426
1986–87.....	4,991	1,184	497	8,147	2,901	451	24,547	6,183	724	15,450	3,198	528
1987–88.....	3,917	1,088	579	7,488	2,836	481	23,597	6,688	860	14,900	3,329	596
1988–89.....	3,663	1,093	602	7,312	2,903	505	21,908	7,028	998	14,843	3,498	633
1989–90.....	3,430	1,035	562	7,252	2,812	516	20,711	7,225	1,162	14,336	3,424	742
1990–91.....	3,444	903	611	7,314	2,927	536	19,320	7,095	1,220	13,977	3,516	757
1991–92.....	3,754	956	590	8,034	3,113	540	17,958	7,360	1,282	14,067	3,653	851
1992–93.....	4,459	990	595	8,868	3,610	577	17,281	7,870	1,413	14,464	3,982	871
1993–94.....	5,163	1,032	604	9,479	3,873	651	15,823	7,791	1,470	15,030	4,099	887
1994–95.....	5,901	1,085	571	9,927	4,077	625	14,929	7,693	1,543	14,794	4,213	890
1995–96.....	6,319	1,176	670	10,607	3,905	616	13,900	7,103	1,591	14,177	3,881	940
1996–97.....	6,564	1,131	650	10,437	3,833	640	13,336	6,393	1,512	13,493	3,608	913
1997–98.....	6,319	1,128	652	9,926	3,795	610	12,995	6,737	1,458	13,071	3,441	933
1998–99.....	6,038	1,130	575	9,178	3,656	534	12,606	6,708	1,309	12,753	3,268	788
1999–2000.....	5,807	1,078	590	8,136	3,433	543	12,930	6,926	1,392	12,807	3,273	776
2000–01.....	5,611	1,083	610	7,588	3,310	571	13,091	6,815	1,417	12,817	3,371	849
2001–02.....	5,462	973	605	7,665	3,295	574	13,056	6,587	1,235	13,058	3,391	772
2002–03.....	5,109	1,065	542	7,836	3,596	599	13,627	7,621	1,256	13,693	3,695	747
2003–04.....	4,742	1,165	623	7,827	3,790	636	14,123	9,511	1,440	14,050	4,420	787
2004–05.....	4,397	1,183	773	8,186	3,834	713	14,171	9,054	1,566	14,609	4,637	915
2005–06.....	4,326	1,116	819	9,090	3,768	750	13,966	8,123	1,860	15,850	4,443	1,096
2006–07.....	4,492	957	835	9,671	3,482	805	13,089	7,777	2,042	16,601	4,294	1,106
2007–08.....	4,795	933	853	10,455	3,595	752	12,375	8,631	1,996	17,367	4,497	1,109
2008–09.....	5,036	994	789	10,785	3,794	762	11,619	9,178	1,811	17,352	4,620	1,142
2009–10.....	5,740	1,042	830	11,333	4,076	717	11,450	9,050	1,869	18,498	4,816	996
2010–11.....	6,311	1,283	831	12,557	4,860	751	11,573	9,691	2,037	19,165	5,801	1,106
Percent change												
2000–01 to 2005–06.....	-22.9	3.0	34.3	19.8	13.8	31.3	6.7	19.2	31.3	23.7	31.8	29.1
2005–06 to 2010–11.....	45.9	15.0	1.5	38.1	29.0	0.1	-17.1	19.3	9.5	20.9	30.6	0.9

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. From 1970–71 through 1981–82, civil engineering includes construction and transportation engineering. From 1991–92, civil engineering includes geotechnical, structural, transportation, and water resources engineering. Degrees in engineering technologies are not included in this table.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 353. Degrees in English language and literature/letters conferred by degree-granting institutions, by level of degree and sex of student:  
Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	17,240	†	8,221	9,019	52.3	2,259	1,320	939	230	181	49
1959–60.....	20,128	†	7,580	12,548	62.3	2,931	1,458	1,473	397	314	83
1967–68.....	47,977	†	15,700	32,277	67.3	7,916	3,434	4,482	977	717	260
1969–70.....	56,410	†	18,650	37,760	66.9	8,517	3,326	5,191	1,213	837	376
1970–71.....	63,914	13.3	22,005	41,909	65.6	10,441	4,126	6,315	1,554	1,107	447
1971–72.....	63,707	-0.3	22,580	41,127	64.6	10,412	4,066	6,346	1,734	1,173	561
1972–73.....	60,607	-4.9	22,022	38,585	63.7	10,035	3,988	6,047	1,817	1,189	628
1973–74.....	54,190	-10.6	20,082	34,108	62.9	9,573	3,824	5,749	1,755	1,142	613
1974–75.....	47,062	-13.2	17,689	29,373	62.4	9,178	3,463	5,715	1,595	974	621
1975–76.....	41,452	-11.9	15,898	25,554	61.6	8,599	3,290	5,309	1,514	895	619
1976–77.....	37,343	-9.9	14,135	23,208	62.1	7,824	2,907	4,917	1,373	768	605
1977–78.....	34,799	-6.8	12,972	21,827	62.7	7,444	2,623	4,821	1,272	698	574
1978–79.....	33,218	-4.5	12,085	21,133	63.6	6,503	2,307	4,196	1,186	639	547
1979–80.....	32,187	-3.1	11,237	20,950	65.1	6,026	2,181	3,845	1,196	635	561
1980–81.....	31,922	-0.8	11,082	20,840	65.3	5,742	2,026	3,716	1,040	497	543
1981–82.....	33,078	3.6	11,300	21,778	65.8	5,593	1,916	3,677	986	467	519
1982–83.....	31,327	-5.3	10,699	20,628	65.8	4,866	1,653	3,213	877	419	458
1983–84.....	32,296	3.1	11,007	21,289	65.9	4,814	1,681	3,133	899	413	486
1984–85.....	32,686	1.2	11,195	21,491	65.7	4,987	1,723	3,264	915	414	501
1985–86.....	34,083	4.3	11,657	22,426	65.8	5,335	1,811	3,524	895	390	505
1986–87.....	35,667	4.6	12,133	23,534	66.0	5,298	1,819	3,479	853	367	486
1987–88.....	38,106	6.8	12,687	25,419	66.7	5,366	1,796	3,570	858	380	478
1988–89.....	41,786	9.7	13,729	28,057	67.1	5,716	1,930	3,786	929	405	524
1989–90.....	46,803	12.0	15,437	31,366	67.0	6,317	2,125	4,192	986	444	542
1990–91.....	51,064	9.1	16,891	34,173	66.9	6,784	2,203	4,581	1,056	469	587
1991–92.....	54,250	6.2	18,314	35,936	66.2	7,215	2,441	4,774	1,142	484	658
1992–93.....	55,289	1.9	19,007	36,282	65.6	7,537	2,570	4,967	1,201	495	706
1993–94.....	53,150	-3.9	18,214	34,936	65.7	7,611	2,620	4,991	1,205	512	693
1994–95.....	51,170	-3.7	17,581	33,589	65.6	7,612	2,672	4,940	1,393	589	804
1995–96.....	49,928	-2.4	17,007	32,921	65.9	7,657	2,727	4,930	1,395	535	860
1996–97.....	48,641	-2.6	16,325	32,316	66.4	7,487	2,650	4,837	1,431	610	821
1997–98.....	49,016	0.8	16,280	32,736	66.8	7,587	2,568	5,019	1,489	611	878
1998–99.....	49,877	1.8	16,332	33,545	67.3	7,326	2,452	4,874	1,412	554	858
1999–2000.....	50,106	0.5	16,124	33,982	67.8	7,022	2,315	4,707	1,470	611	859
2000–01.....	50,569	0.9	15,997	34,572	68.4	6,763	2,160	4,603	1,330	533	797
2001–02.....	52,375	3.6	16,457	35,918	68.6	7,097	2,270	4,827	1,291	532	759
2002–03.....	53,699	2.5	16,738	36,961	68.8	7,428	2,433	4,995	1,246	492	754
2003–04.....	53,984	0.5	16,792	37,192	68.9	7,956	2,459	5,497	1,207	479	728
2004–05.....	54,379	0.7	17,154	37,225	68.5	8,468	2,615	5,853	1,212	494	718
2005–06.....	55,096	1.3	17,316	37,780	68.6	8,845	2,860	5,985	1,254	510	744
2006–07.....	55,122	#	17,475	37,647	68.3	8,742	2,867	5,875	1,178	478	700
2007–08.....	55,038	#	17,681	37,357	67.9	9,161	3,027	6,134	1,262	453	809
2008–09.....	55,462	0.8	17,973	37,489	67.6	9,261	3,001	6,260	1,271	464	807
2009–10.....	53,231	-4.0	17,050	36,181	68.0	9,201	3,006	6,195	1,332	522	810
2010–11.....	52,744	-0.9	16,916	35,828	67.9	9,476	3,137	6,339	1,344	529	815
Percent change											
2000–01 to 2005–06.....	9.0	†	8.2	9.3	†	30.8	32.4	30.0	-5.7	-4.3	-6.6
2005–06 to 2010–11.....	-4.3	†	-2.3	-5.2	†	7.1	9.7	5.9	7.2	3.7	9.5

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 354. Degrees in foreign languages and literatures conferred by degree-granting institutions, by level of degree and sex of student:  
Selected years, 1959–60 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1959–60.....	5,462	†	2,090	3,372	61.7	1,125	590	535	229	166	63
1967–68.....	19,254	†	5,253	14,001	72.7	4,849	2,068	2,781	707	503	204
1969–70.....	21,109	†	5,613	15,496	73.4	5,137	1,917	3,220	869	579	290
1970–71.....	20,988	-0.6	5,508	15,480	73.8	5,480	1,961	3,519	1,084	714	370
1971–72.....	19,890	-5.2	5,196	14,694	73.9	5,283	1,919	3,364	1,134	742	392
1972–73.....	20,170	1.4	5,119	15,051	74.6	5,068	1,909	3,159	1,347	829	518
1973–74.....	20,197	0.1	5,063	15,134	74.9	4,851	1,788	3,063	1,248	703	545
1974–75.....	19,103	-5.4	4,723	14,380	75.3	4,721	1,672	3,049	1,220	665	555
1975–76.....	17,068	-10.7	4,270	12,798	75.0	4,432	1,581	2,851	1,245	643	602
1976–77.....	15,496	-9.2	3,965	11,531	74.4	4,056	1,365	2,691	1,103	574	529
1977–78.....	14,334	-7.5	3,684	10,650	74.3	3,624	1,194	2,430	1,002	490	512
1978–79.....	13,211	-7.8	3,391	9,820	74.3	3,248	1,092	2,156	960	471	489
1979–80.....	12,480	-5.5	3,226	9,254	74.2	3,067	1,026	2,041	857	412	445
1980–81.....	11,638	-6.7	3,013	8,625	74.1	2,934	1,039	1,895	931	460	471
1981–82.....	11,175	-4.0	2,919	8,256	73.9	2,892	997	1,895	869	407	462
1982–83.....	11,170	#	3,048	8,122	72.7	2,706	1,001	1,705	790	362	428
1983–84.....	10,985	-1.7	3,098	7,887	71.8	2,814	984	1,830	779	353	426
1984–85.....	11,436	4.1	3,186	8,250	72.1	2,708	932	1,776	761	342	419
1985–86.....	11,550	1.0	3,374	8,176	70.8	2,690	878	1,812	768	338	430
1986–87.....	11,706	1.4	3,374	8,332	71.2	2,574	847	1,727	769	332	437
1987–88.....	11,515	-1.6	3,223	8,292	72.0	2,680	931	1,749	725	330	395
1988–89.....	12,403	7.7	3,432	8,971	72.3	2,837	955	1,882	727	317	410
1989–90.....	13,133	5.9	3,625	9,508	72.4	3,018	987	2,031	816	348	468
1990–91.....	13,937	6.1	4,008	9,929	71.2	3,049	1,018	2,031	889	396	493
1991–92.....	14,634	5.0	4,225	10,409	71.1	3,229	1,074	2,155	984	434	550
1992–93.....	15,305	4.6	4,435	10,870	71.0	3,513	1,182	2,331	977	417	560
1993–94.....	15,242	-0.4	4,573	10,669	70.0	3,612	1,199	2,413	1,033	418	615
1994–95.....	14,558	-4.5	4,496	10,062	69.1	3,439	1,124	2,315	1,081	479	602
1995–96.....	14,832	1.9	4,514	10,318	69.6	3,443	1,141	2,302	1,020	446	574
1996–97.....	14,487	-2.3	4,388	10,099	69.7	3,361	1,104	2,257	1,064	450	614
1997–98.....	15,279	5.5	4,585	10,694	70.0	3,181	1,033	2,148	1,118	473	645
1998–99.....	15,835	3.6	4,738	11,097	70.1	3,109	976	2,133	1,049	443	606
1999–2000.....	15,886	0.3	4,616	11,270	70.9	3,037	944	2,093	1,086	446	640
2000–01.....	16,128	1.5	4,695	11,433	70.9	3,035	969	2,066	1,078	420	658
2001–02.....	16,258	0.8	4,685	11,573	71.2	3,075	958	2,117	1,003	418	585
2002–03.....	16,912	4.0	4,996	11,916	70.5	3,049	874	2,175	1,042	424	618
2003–04.....	17,754	5.0	5,215	12,539	70.6	3,124	957	2,167	1,031	410	621
2004–05.....	18,386	3.6	5,370	13,016	70.8	3,407	1,056	2,351	1,027	410	617
2005–06.....	19,410	5.6	5,842	13,568	69.9	3,539	1,049	2,490	1,074	436	638
2006–07.....	20,275	4.5	6,173	14,102	69.6	3,443	1,058	2,385	1,059	437	622
2007–08.....	20,977	3.5	6,254	14,723	70.2	3,565	1,128	2,437	1,078	431	647
2008–09.....	21,158	0.9	6,302	14,856	70.2	3,592	1,211	2,381	1,111	426	685
2009–10.....	21,516	1.7	6,610	14,906	69.3	3,755	1,254	2,501	1,091	446	645
2010–11.....	21,706	0.9	6,720	14,986	69.0	3,727	1,256	2,471	1,158	477	681
Percent change											
2000–01 to 2005–06.....	20.3	†	24.4	18.7	†	16.6	8.3	20.5	-0.4	3.8	-3.0
2005–06 to 2010–11.....	11.8	†	15.0	10.5	†	5.3	19.7	-0.8	7.8	9.4	6.7

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 355. Degrees in French, German, Italian, and Spanish language and literature conferred by degree-granting institutions, by level of degree:  
Selected years, 1949–50 through 2010–11**

Year	French			German			Italian			Spanish		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50.....	1,471	299	53	540	121	40	—	—	—	2,122	373	34
1959–60.....	1,927	316	58	659	126	21	—	—	—	1,610	261	31
1967–68.....	7,068	1,301	152	2,368	771	117	—	—	—	6,381	1,188	123
1969–70.....	7,624	1,409	181	2,652	669	118	242	71	14	7,226	1,372	139
1970–71.....	7,306	1,437	192	2,601	690	144	201	87	10	7,068	1,456	168
1971–72.....	6,822	1,421	193	2,477	608	167	287	104	19	6,847	1,421	152
1972–73.....	6,705	1,277	203	2,520	598	176	313	78	27	7,209	1,298	206
1973–74.....	6,263	1,195	213	2,425	550	149	292	81	19	7,250	1,217	203
1974–75.....	5,745	1,077	200	2,289	480	147	329	100	13	6,719	1,228	202
1975–76.....	4,783	914	190	1,983	471	164	342	85	19	5,984	1,080	176
1976–77.....	4,228	875	177	1,820	394	126	325	89	16	5,359	930	153
1977–78.....	3,708	692	155	1,647	357	101	301	58	19	4,832	822	113
1978–79.....	3,558	576	143	1,524	344	106	236	60	14	4,563	720	118
1979–80.....	3,285	513	128	1,466	309	94	272	49	9	4,331	685	103
1980–81.....	3,178	460	115	1,286	294	79	205	65	13	3,870	592	131
1981–82.....	3,054	485	92	1,327	324	76	208	55	14	3,633	568	140
1982–83.....	2,871	360	106	1,367	281	68	224	45	18	3,349	506	129
1983–84.....	2,876	418	86	1,292	241	63	206	41	13	3,254	537	102
1984–85.....	2,991	385	74	1,411	240	58	190	44	9	3,415	505	115
1985–86.....	3,015	409	86	1,396	249	73	240	42	10	3,385	521	95
1986–87.....	3,062	421	85	1,366	234	70	219	53	17	3,450	504	104
1987–88.....	3,082	437	89	1,350	244	71	224	45	7	3,416	553	93
1988–89.....	3,297	444	83	1,428	263	59	239	45	17	3,748	552	101
1989–90.....	3,259	478	115	1,437	253	67	247	38	19	4,176	573	108
1990–91.....	3,355	480	98	1,543	242	58	253	36	21	4,480	609	125
1991–92.....	3,371	465	112	1,616	273	85	238	55	18	4,768	647	143
1992–93.....	3,280	513	98	1,572	317	86	274	50	13	5,233	667	145
1993–94.....	3,094	479	104	1,580	298	61	264	47	24	5,505	691	160
1994–95.....	2,764	470	118	1,352	278	83	271	69	31	5,602	709	161
1995–96.....	2,655	446	113	1,290	305	75	232	44	22	5,995	769	151
1996–97.....	2,468	414	119	1,214	281	80	234	49	18	6,161	677	175
1997–98.....	2,530	389	104	1,181	209	94	252	60	25	6,595	781	160
1998–99.....	2,565	365	115	1,237	242	78	257	41	12	6,992	697	153
1999–2000.....	2,514	343	129	1,125	184	76	237	48	13	7,031	718	175
2000–01.....	2,371	376	115	1,143	242	73	286	42	11	7,164	716	185
2001–02.....	2,396	356	89	1,092	208	64	263	46	15	7,243	792	193
2002–03.....	2,294	348	75	1,097	188	77	307	54	20	7,619	791	190
2003–04.....	2,362	361	85	1,031	153	30	279	49	31	7,991	833	199
2004–05.....	2,394	356	80	1,103	180	56	277	70	12	8,304	919	190
2005–06.....	2,410	395	84	1,106	172	48	321	94	17	8,690	981	192
2006–07.....	2,462	364	95	1,055	158	56	280	97	20	9,013	982	195
2007–08.....	2,432	359	102	1,085	173	51	359	88	25	9,278	990	193
2008–09.....	2,450	386	86	1,058	163	47	341	76	34	9,331	878	218
2009–10.....	2,488	391	87	1,028	143	46	336	73	23	9,138	961	199
2010–11.....	2,492	366	81	1,019	156	43	313	83	28	8,918	955	179
Percent change												
2000–01 to 2005–06.....	1.6	5.1	-27.0	-3.2	-28.9	-34.2	12.2	123.8	54.5	21.3	37.0	3.8
2005–06 to 2010–11.....	3.4	-7.3	-3.6	-7.9	-9.3	-10.4	-2.5	-11.7	64.7	2.6	-2.7	-6.8

—Not available.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 356. Degrees in Arabic, Chinese, Korean, and Russian language and literature conferred by degree-granting institutions, by level of degree: 1969–70 through 2010–11**

Year	Arabic			Chinese			Korean			Russian		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1969–70.....	—	—	—	81	34	0	—	—	—	768	172	24
1970–71.....	15	6	4	89	22	8	—	—	—	715	110	14
1971–72.....	10	4	0	103	20	11	—	—	—	658	150	15
1972–73.....	12	3	1	98	29	13	—	—	—	622	120	27
1973–74.....	20	5	1	121	37	5	—	—	—	624	100	27
1974–75.....	13	11	2	141	26	12	—	—	—	598	106	20
1975–76.....	10	7	2	150	23	6	—	—	—	531	81	13
1976–77.....	7	15	1	112	32	6	—	—	—	528	66	19
1977–78.....	8	3	1	116	23	4	—	—	—	442	50	12
1978–79.....	4	4	5	91	22	12	—	—	—	465	51	9
1979–80.....	13	2	5	79	33	7	—	—	—	402	60	6
1980–81.....	6	7	0	73	20	6	—	—	—	409	68	8
1981–82.....	15	4	4	68	14	10	—	—	—	324	49	7
1982–83.....	12	4	1	92	15	7	—	—	—	342	33	5
1983–84.....	6	2	0	115	14	10	—	—	—	340	39	3
1984–85.....	9	4	0	97	21	3	—	—	—	432	47	6
1985–86.....	5	4	0	87	23	11	—	—	—	493	33	3
1986–87.....	8	1	1	110	16	10	—	—	—	502	54	8
1987–88.....	9	4	0	103	31	9	—	—	—	472	54	8
1988–89.....	6	2	1	138	27	8	—	—	—	469	55	6
1989–90.....	4	0	1	144	33	8	—	—	—	549	52	5
1990–91.....	9	0	1	150	24	9	—	—	—	593	70	6
1991–92.....	13	0	0	183	36	14	—	—	—	629	68	7
1992–93.....	8	3	2	129	54	8	—	—	—	612	68	4
1993–94.....	8	2	0	112	48	18	—	—	—	611	71	3
1994–95.....	10	1	1	107	63	16	—	—	—	572	66	3
1995–96.....	8	3	2	136	42	19	—	—	—	494	58	7
1996–97.....	9	3	0	152	31	15	—	—	—	455	46	9
1997–98.....	16	2	1	161	21	13	—	—	—	383	49	9
1998–99.....	13	3	1	178	20	14	—	—	—	398	29	4
1999–2000.....	6	4	5	183	18	15	—	—	—	340	33	10
2000–01.....	7	2	3	183	13	7	—	—	—	335	24	7
2001–02.....	13	2	2	189	16	12	—	—	—	277	34	5
2002–03.....	13	3	0	190	12	9	5	0	0	271	16	6
2003–04.....	13	3	1	186	15	5	9	2	1	301	21	3
2004–05.....	21	5	0	208	21	8	8	0	0	298	18	0
2005–06.....	26	4	2	241	20	10	17	4	3	279	28	7
2006–07.....	68	2	0	261	30	2	13	0	0	311	18	4
2007–08.....	57	8	1	289	35	5	15	4	1	294	20	1
2008–09.....	85	14	1	384	45	11	24	2	1	325	21	1
2009–10.....	121	10	6	456	51	12	27	19	1	356	19	1
2010–11.....	141	5	1	449	51	8	28	10	3	340	11	3
Percent change												
2000–01 to 2005–06.....	271.4	100.0	-33.3	31.7	53.8	42.9	†	†	†	-16.7	16.7	0.0
2005–06 to 2010–11.....	442.3	25.0	-50.0	86.3	155.0	-20.0	64.7	150.0	0.0	21.9	-60.7	-57.1

—Not available.

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. (See Appendix A: Guide to Sources for details.) Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1969–70 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 357. Degrees in the health professions and related programs conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	25,223	†	5,785	19,438	77.1	5,330	2,165	3,165	15,988	14,863	1,125
1971–72.....	28,611	13.4	7,005	21,606	75.5	6,811	2,749	4,062	16,538	15,373	1,165
1972–73.....	33,562	17.3	7,752	25,810	76.9	7,978	3,189	4,789	18,215	16,870	1,345
1973–74.....	41,421	23.4	9,347	32,074	77.4	9,232	3,444	5,788	20,094	18,287	1,807
1974–75.....	49,002	18.3	10,844	38,158	77.9	10,277	3,686	6,591	22,191	19,808	2,383
1975–76.....	53,885	10.0	11,386	42,499	78.9	12,164	3,837	8,327	25,267	21,980	3,287
1976–77.....	57,222	6.2	11,896	45,326	79.2	12,627	3,865	8,762	24,972	21,022	3,950
1977–78.....	59,445	3.9	11,600	47,845	80.5	10,027	3,972	10,055	26,516	21,622	4,894
1978–79.....	62,095	4.5	11,214	50,881	81.9	15,110	4,155	10,955	27,766	22,194	5,572
1979–80.....	63,848	2.8	11,330	52,518	82.3	15,374	4,060	11,314	28,190	22,157	6,033
1980–81.....	63,665	-0.3	10,531	53,134	83.5	16,176	4,024	12,152	29,595	22,792	6,803
1981–82.....	63,660	#	10,110	53,550	84.1	16,212	3,743	12,469	30,096	22,968	7,128
1982–83.....	65,642	3.1	10,247	55,395	84.4	16,941	4,138	12,803	30,800	22,920	7,880
1983–84.....	65,305	-0.5	10,068	55,237	84.6	17,351	4,124	13,227	31,655	22,851	8,804
1984–85.....	65,331	#	9,741	55,590	85.1	17,442	4,046	13,396	31,493	22,045	9,448
1985–86.....	65,309	#	9,629	55,680	85.3	18,603	4,355	14,248	31,922	22,069	9,853
1986–87.....	63,963	-2.1	9,137	54,826	85.7	18,442	3,818	14,624	29,500	19,686	9,814
1987–88.....	61,614	-3.7	8,955	52,659	85.5	18,774	4,004	14,770	30,060	19,853	10,207
1988–89.....	59,850	-2.9	8,878	50,972	85.2	19,493	4,197	15,296	30,546	19,893	10,653
1989–90.....	58,983	-1.4	9,075	49,908	84.6	20,406	4,486	15,920	30,101	19,118	10,983
1990–91.....	59,875	1.5	9,619	50,256	83.9	21,354	4,423	16,931	29,842	18,492	11,350
1991–92.....	62,779	4.9	10,330	52,449	83.5	23,671	4,794	18,877	31,479	19,362	12,117
1992–93.....	68,434	9.0	11,605	56,829	83.0	26,190	5,249	20,941	31,089	18,446	12,643
1993–94.....	75,890	10.9	13,377	62,513	82.4	28,442	5,813	22,629	30,959	17,988	12,971
1994–95.....	81,596	7.5	14,812	66,784	81.8	31,770	6,718	25,052	32,124	18,463	13,661
1995–96.....	86,087	5.5	15,942	70,145	81.5	33,920	7,017	26,903	32,678	18,495	14,183
1996–97.....	87,997	2.2	16,440	71,557	81.3	36,162	7,536	28,626	34,971	19,619	15,352
1997–98.....	86,843	-1.3	15,700	71,143	81.9	39,567	8,644	30,923	35,369	19,370	15,999
1998–99.....	84,989	-2.1	15,191	69,798	82.1	40,628	9,152	31,476	35,939	19,673	16,266
1999–2000.....	80,863	-4.9	13,342	67,521	83.5	42,593	9,500	33,093	37,829	19,984	17,845
2000–01.....	75,933	-6.1	12,514	63,419	83.5	43,623	9,711	33,912	39,019	20,260	18,759
2001–02.....	72,887	-4.0	10,869	62,018	85.1	43,560	9,588	33,972	39,435	19,760	19,675
2002–03.....	71,261	-2.2	10,096	61,165	85.8	42,748	9,280	33,468	39,799	19,493	20,306
2003–04.....	73,934	3.8	10,017	63,917	86.5	44,939	9,670	35,269	41,861	19,587	22,274
2004–05.....	80,685	9.1	10,858	69,827	86.5	46,703	9,816	36,887	44,201	19,697	24,504
2005–06.....	91,973	14.0	12,914	79,059	86.0	51,380	10,630	40,750	45,677	19,640	26,037
2006–07.....	101,810	10.7	14,325	87,485	85.9	54,531	10,636	43,895	48,943	20,522	28,421
2007–08.....	111,478	9.5	16,286	95,192	85.4	58,120	11,010	47,110	51,675	21,616	30,059
2008–09.....	120,488	8.1	17,792	102,696	85.2	62,620	11,869	50,751	54,709	22,645	32,064
2009–10.....	129,634	7.6	19,306	110,328	85.1	69,084	12,871	56,213	57,746	23,946	33,800
2010–11.....	143,430	10.6	21,536	121,894	85.0	75,579	14,041	61,538	60,153	25,361	34,792
Percent change											
2000–01 to 2005–06.....	21.1	†	3.2	24.7	†	17.8	9.5	20.2	17.1	-3.1	38.8
2005–06 to 2010–11.....	55.9	†	66.8	54.2	†	47.1	32.1	51.0	31.7	29.1	33.6

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Doctor's degrees include medicine (M.D.), dentistry (D.D.S. and D.M.D.), and other medical specialty degrees that were formerly classified as first-professional.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)



**Table 358. Degrees in mathematics and statistics conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	6,382	†	4,942	1,440	22.6	974	784	190	160	151	9
1959–60.....	11,399	†	8,293	3,106	27.2	1,757	1,422	335	303	285	18
1967–68.....	23,513	†	14,782	8,731	37.1	5,527	4,199	1,328	947	895	52
1969–70.....	27,442	†	17,177	10,265	37.4	5,636	3,966	1,670	1,236	1,140	96
1970–71.....	24,801	-9.6	15,369	9,432	38.0	5,191	3,673	1,518	1,199	1,106	93
1971–72.....	23,713	-4.4	14,454	9,259	39.0	5,198	3,655	1,543	1,128	1,039	89
1972–73.....	23,067	-2.7	13,796	9,271	40.2	5,028	3,525	1,503	1,068	966	102
1973–74.....	21,635	-6.2	12,791	8,844	40.9	4,834	3,337	1,497	1,031	931	100
1974–75.....	18,181	-16.0	10,586	7,595	41.8	4,327	2,905	1,422	975	865	110
1975–76.....	15,984	-12.1	9,475	6,509	40.7	3,857	2,547	1,310	856	762	94
1976–77.....	14,196	-11.2	8,303	5,893	41.5	3,695	2,396	1,299	823	714	109
1977–78.....	12,569	-11.5	7,398	5,171	41.1	3,373	2,228	1,145	805	681	124
1978–79.....	11,806	-6.1	6,899	4,907	41.6	3,036	1,985	1,051	730	608	122
1979–80.....	11,378	-3.6	6,562	4,816	42.3	2,860	1,828	1,032	724	624	100
1980–81.....	11,078	-2.6	6,342	4,736	42.8	2,567	1,692	875	728	614	114
1981–82.....	11,599	4.7	6,593	5,006	43.2	2,727	1,821	906	681	587	94
1982–83.....	12,294	6.0	6,888	5,406	44.0	2,810	1,838	972	697	581	116
1983–84.....	13,087	6.5	7,290	5,797	44.3	2,723	1,773	950	695	569	126
1984–85.....	15,009	14.7	8,080	6,929	46.2	2,859	1,858	1,001	699	590	109
1985–86.....	16,122	7.4	8,623	7,499	46.5	3,131	2,028	1,103	742	618	124
1986–87.....	16,257	0.8	8,673	7,584	46.7	3,283	1,995	1,288	723	598	125
1987–88.....	15,712	-3.4	8,408	7,304	46.5	3,413	2,052	1,361	750	625	125
1988–89.....	15,017	-4.4	8,081	6,936	46.2	3,405	2,061	1,344	866	700	166
1989–90.....	14,276	-4.9	7,674	6,602	46.2	3,624	2,172	1,452	917	754	163
1990–91.....	14,393	0.8	7,580	6,813	47.3	3,549	2,096	1,453	978	790	188
1991–92.....	14,468	0.5	7,668	6,800	47.0	3,558	2,151	1,407	1,048	825	223
1992–93.....	14,384	-0.6	7,566	6,818	47.4	3,644	2,151	1,493	1,138	867	271
1993–94.....	14,171	1.5	7,594	6,577	46.4	3,682	2,237	1,445	1,125	880	245
1994–95.....	13,494	-4.8	7,154	6,340	47.0	3,820	2,289	1,531	1,181	919	262
1995–96.....	12,713	-5.8	6,847	5,866	46.1	3,651	2,178	1,473	1,158	919	239
1996–97.....	12,401	-2.5	6,649	5,752	46.4	3,504	2,055	1,449	1,134	861	273
1997–98.....	11,795	-4.9	6,247	5,548	47.0	3,409	1,985	1,424	1,215	903	312
1998–99.....	12,011	1.8	6,206	5,805	48.3	3,304	1,912	1,392	1,107	812	295
1999–2000.....	11,418	-4.9	5,955	5,463	47.8	3,208	1,749	1,459	1,075	803	272
2000–01.....	11,171	-2.2	5,791	5,380	48.2	3,209	1,857	1,352	997	715	282
2001–02.....	11,950	7.0	6,333	5,617	47.0	3,350	1,913	1,437	923	658	265
2002–03.....	12,505	4.6	6,784	5,721	45.7	3,620	1,996	1,624	1,007	734	273
2003–04.....	13,327	6.6	7,203	6,124	46.0	4,191	2,302	1,889	1,060	762	298
2004–05.....	14,351	7.7	7,937	6,414	44.7	4,477	2,525	1,952	1,176	841	335
2005–06.....	14,770	2.9	8,115	6,655	45.1	4,730	2,712	2,018	1,293	911	382
2006–07.....	14,954	1.2	8,360	6,594	44.1	4,884	2,859	2,025	1,351	949	402
2007–08.....	15,192	1.6	8,490	6,702	44.1	4,980	2,860	2,120	1,360	938	422
2008–09.....	15,496	2.0	8,793	6,703	43.3	5,211	3,064	2,147	1,535	1,059	476
2009–10.....	16,030	3.4	9,087	6,943	43.3	5,634	3,376	2,258	1,592	1,116	476
2010–11.....	17,182	7.2	9,783	7,399	43.1	5,843	3,453	2,390	1,586	1,132	454
Percent change											
2000–01 to 2005–06.....	32.2	†	40.1	23.7	†	47.4	46.0	49.3	29.7	27.4	35.5
2005–06 to 2010–11.....	16.3	†	20.6	11.2	†	23.5	27.3	18.4	22.7	24.3	18.8

†Not applicable.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 359. Degrees in the physical sciences and science technologies conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1959–60 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1959–60.....	16,007	†	14,013	1,994	12.5	3,376	3,049	327	1,838	1,776	62
1967–68.....	19,380	†	16,739	2,641	13.6	5,499	4,869	630	3,593	3,405	188
1969–70.....	21,439	†	18,522	2,917	13.6	5,908	5,069	839	4,271	4,038	233
1970–71.....	21,410	-0.1	18,457	2,953	13.8	6,336	5,495	841	4,324	4,082	242
1971–72.....	20,743	-3.1	17,661	3,082	14.9	6,268	5,390	878	4,075	3,805	270
1972–73.....	20,692	-0.2	17,622	3,070	14.8	6,230	5,388	842	3,961	3,698	263
1973–74.....	21,170	2.3	17,669	3,501	16.5	6,019	5,157	862	3,558	3,312	246
1974–75.....	20,770	-1.9	16,986	3,784	18.2	5,782	4,949	833	3,577	3,284	293
1975–76.....	21,458	3.3	17,349	4,109	19.1	5,428	4,622	806	3,388	3,097	291
1976–77.....	22,482	4.8	17,985	4,497	20.0	5,281	4,411	870	3,295	2,981	314
1977–78.....	22,975	2.2	18,083	4,892	21.3	5,507	4,583	924	3,073	2,763	310
1978–79.....	23,197	1.0	17,976	5,221	22.5	5,418	4,438	980	3,061	2,717	344
1979–80.....	23,407	0.9	17,861	5,546	23.7	5,167	4,210	957	3,044	2,669	375
1980–81.....	23,936	2.3	18,052	5,884	24.6	5,246	4,172	1,074	3,105	2,733	372
1981–82.....	24,045	0.5	17,861	6,184	25.7	5,446	4,274	1,172	3,246	2,804	442
1982–83.....	23,374	-2.8	16,988	6,386	27.3	5,250	4,131	1,119	3,214	2,767	447
1983–84.....	23,645	1.2	17,112	6,533	27.6	5,541	4,249	1,292	3,269	2,789	480
1984–85.....	23,694	0.2	17,065	6,629	28.0	5,752	4,425	1,327	3,349	2,808	541
1985–86.....	21,711	-8.4	15,750	5,961	27.5	5,860	4,443	1,417	3,521	2,946	575
1986–87.....	20,060	-7.6	14,365	5,695	28.4	5,586	4,193	1,393	3,629	3,004	625
1987–88.....	17,797	-11.3	12,385	5,412	30.4	5,696	4,300	1,396	3,758	3,085	673
1988–89.....	17,179	-3.5	12,071	5,108	29.7	5,691	4,180	1,511	3,795	3,046	749
1989–90.....	16,056	-6.5	11,026	5,030	31.3	5,410	3,996	1,414	4,116	3,328	788
1990–91.....	16,334	1.7	11,170	5,164	31.6	5,281	3,823	1,458	4,248	3,417	831
1991–92.....	16,970	3.9	11,443	5,527	32.6	5,397	3,935	1,462	4,378	3,433	945
1992–93.....	17,577	3.6	11,853	5,724	32.6	5,392	3,840	1,552	4,372	3,426	946
1993–94.....	18,474	5.1	12,271	6,203	33.6	5,718	4,069	1,649	4,652	3,657	995
1994–95.....	19,247	4.2	12,556	6,691	34.8	5,798	4,058	1,740	4,486	3,443	1,043
1995–96.....	19,716	2.4	12,634	7,082	35.9	5,910	4,031	1,879	4,589	3,543	1,046
1996–97.....	19,594	-0.6	12,285	7,309	37.3	5,616	3,799	1,817	4,501	3,479	1,022
1997–98.....	19,454	-0.7	11,999	7,455	38.3	5,411	3,484	1,927	4,592	3,451	1,141
1998–99.....	18,448	-5.2	11,119	7,329	39.7	5,241	3,454	1,787	4,229	3,206	1,023
1999–2000.....	18,427	-0.1	11,019	7,408	40.2	4,888	3,167	1,721	4,017	3,002	1,015
2000–01.....	18,025	-2.2	10,628	7,397	41.0	5,134	3,276	1,858	3,968	2,914	1,054
2001–02.....	17,890	-0.7	10,349	7,541	42.2	5,082	3,186	1,896	3,824	2,766	1,058
2002–03.....	18,038	0.8	10,625	7,413	41.1	5,196	3,284	1,912	3,939	2,854	1,085
2003–04.....	18,131	0.5	10,577	7,554	41.7	5,714	3,470	2,244	3,937	2,855	1,082
2004–05.....	19,104	5.4	11,065	8,039	42.1	5,823	3,569	2,254	4,248	3,071	1,177
2005–06.....	20,522	7.4	11,978	8,544	41.6	6,063	3,666	2,397	4,642	3,258	1,384
2006–07.....	21,291	3.7	12,604	8,687	40.8	6,012	3,675	2,337	5,041	3,454	1,587
2007–08.....	22,179	4.2	13,143	9,036	40.7	6,061	3,762	2,299	4,994	3,513	1,481
2008–09.....	22,688	2.3	13,463	9,225	40.7	5,862	3,576	2,286	5,237	3,554	1,683
2009–10.....	23,379	3.0	13,862	9,517	40.7	6,063	3,652	2,411	5,063	3,404	1,659
2010–11.....	24,712	5.7	14,782	9,930	40.2	6,386	3,907	2,479	5,295	3,608	1,687
Percent change											
2000–01 to 2005–06.....	13.9	†	12.7	15.5	†	18.1	11.9	29.0	17.0	11.8	31.3
2005–06 to 2010–11.....	20.4	†	23.4	16.2	†	5.3	6.6	3.4	14.1	10.7	21.9

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Physical sciences focus on the study of inanimate objects, processes of matter and energy, and associated phenomena. Examples of physical sciences include astronomy, chemistry (except biochemistry), geology, and physics (except biophysics).

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1959–60; Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 360. Degrees in chemistry, geology and earth science, and physics conferred by degree-granting institutions, by level of degree: 1970–71 through 2010–11**

Year	Chemistry			Geology and earth science <sup>1</sup>			Physics <sup>2</sup>		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71.....	11,061	2,244	2,093	3,312	1,074	408	5,071	2,188	1,482
1971–72.....	10,588	2,229	1,943	3,766	1,233	433	4,634	2,033	1,344
1972–73.....	10,124	2,198	1,827	4,117	1,296	430	4,259	1,747	1,338
1973–74.....	10,430	2,082	1,755	4,526	1,479	416	3,952	1,655	1,115
1974–75.....	10,541	1,961	1,773	4,566	1,320	433	3,706	1,574	1,080
1975–76.....	11,015	1,745	1,578	4,677	1,384	445	3,544	1,451	997
1976–77.....	11,200	1,717	1,522	5,280	1,446	480	3,420	1,319	945
1977–78.....	11,304	1,832	1,461	5,648	1,633	419	3,330	1,294	873
1978–79.....	11,499	1,724	1,475	5,753	1,596	414	3,337	1,319	918
1979–80.....	11,229	1,671	1,500	5,785	1,623	440	3,396	1,192	830
1980–81.....	11,331	1,616	1,586	6,332	1,702	404	3,441	1,294	866
1981–82.....	11,058	1,683	1,682	6,650	1,848	452	3,472	1,284	873
1982–83.....	10,789	1,582	1,691	6,981	1,784	406	3,793	1,369	873
1983–84.....	10,698	1,632	1,707	7,524	1,747	408	3,907	1,532	953
1984–85.....	10,472	1,675	1,735	7,194	1,927	401	4,097	1,523	951
1985–86.....	10,110	1,712	1,878	5,760	2,036	395	4,180	1,501	1,010
1986–87.....	9,660	1,695	1,932	3,943	1,835	399	4,318	1,543	1,074
1987–88.....	9,043	1,671	1,944	3,204	1,722	462	4,100	1,675	1,093
1988–89.....	8,618	1,742	1,974	2,847	1,609	492	4,352	1,736	1,112
1989–90.....	8,122	1,643	2,135	2,372	1,399	562	4,155	1,831	1,192
1990–91.....	8,311	1,637	2,196	2,367	1,336	600	4,236	1,725	1,209
1991–92.....	8,629	1,746	2,233	2,784	1,245	549	4,098	1,834	1,337
1992–93.....	8,903	1,822	2,216	3,123	1,195	626	4,063	1,777	1,277
1993–94.....	9,417	1,968	2,298	3,456	1,221	577	4,001	1,945	1,465
1994–95.....	9,706	2,062	2,211	4,032	1,280	539	3,823	1,817	1,424
1995–96.....	10,395	2,214	2,228	4,019	1,288	555	3,679	1,678	1,462
1996–97.....	10,609	2,203	2,202	4,023	1,258	564	3,376	1,496	1,410
1997–98.....	10,528	2,108	2,291	3,866	1,227	588	3,441	1,371	1,393
1998–99.....	10,109	2,019	2,175	3,570	1,196	533	3,200	1,326	1,257
1999–2000.....	9,989	1,857	2,028	3,516	1,186	492	3,342	1,232	1,208
2000–01.....	9,466	1,952	2,056	3,495	1,220	472	3,418	1,365	1,169
2001–02.....	9,084	1,823	1,984	3,449	1,263	494	3,627	1,344	1,096
2002–03.....	9,013	1,777	2,092	3,381	1,323	466	3,900	1,438	1,089
2003–04.....	9,016	2,009	2,033	3,312	1,389	463	4,118	1,625	1,119
2004–05.....	9,664	1,879	2,148	3,276	1,420	476	4,182	1,785	1,254
2005–06.....	10,606	2,044	2,403	3,322	1,476	505	4,541	1,846	1,341
2006–07.....	10,994	2,097	2,514	3,319	1,437	640	4,843	1,777	1,442
2007–08.....	11,568	2,194	2,410	3,561	1,350	577	4,862	1,791	1,507
2008–09.....	11,851	2,085	2,556	3,809	1,352	614	4,822	1,653	1,580
2009–10.....	12,107	2,122	2,469	4,093	1,446	613	4,982	1,792	1,570
2010–11.....	12,655	2,272	2,599	4,617	1,568	567	5,201	1,769	1,670
Percent change									
2000–01 to 2005–06.....	12.0	4.7	16.9	-4.9	21.0	7.0	32.9	35.2	14.7
2005–06 to 2010–11.....	19.3	11.2	8.2	39.0	6.2	12.3	14.5	-4.2	24.5

<sup>1</sup>Includes geology/earth science, general; geochemistry; geophysics; paleontology; hydrology; oceanography; and geological and earth sciences, other.

<sup>2</sup>Includes physics, general; atomic/molecular physics; elementary particle physics; nuclear physics; optics; acoustics; theoretical physics; and physics, other.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 361. Degrees in psychology conferred by degree-granting institutions, by level of degree and sex of student: Selected years, 1949–50 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	9,569	†	6,055	3,514	36.7	1,316	948	368	283	241	42
1959–60.....	8,061	†	4,773	3,288	40.8	1,406	981	425	641	544	97
1967–68.....	23,819	†	13,792	10,027	42.1	3,479	2,321	1,158	1,268	982	286
1969–70.....	33,679	†	19,077	14,602	43.4	5,158	2,975	2,183	1,962	1,505	457
1970–71.....	38,187	13.4	21,227	16,960	44.4	5,717	3,395	2,322	2,144	1,629	515
1971–72.....	43,433	13.7	23,352	20,081	46.2	6,764	3,934	2,830	2,277	1,694	583
1972–73.....	47,940	10.4	25,117	22,823	47.6	7,619	4,325	3,294	2,550	1,797	753
1973–74.....	52,139	8.8	25,868	26,271	50.4	8,796	4,983	3,813	2,872	1,987	885
1974–75.....	51,245	-1.7	24,284	26,961	52.6	9,394	5,035	4,359	2,913	1,979	934
1975–76.....	50,278	-1.9	22,898	27,380	54.5	10,167	5,136	5,031	3,157	2,115	1,042
1976–77.....	47,861	-4.8	20,627	27,234	56.9	10,859	5,293	5,566	3,386	2,127	1,259
1977–78.....	44,879	-6.2	18,422	26,457	59.0	10,282	4,670	5,612	3,164	1,974	1,190
1978–79.....	42,697	-4.9	16,540	26,157	61.3	10,132	4,405	5,727	3,228	1,895	1,333
1979–80.....	42,093	-1.4	15,440	26,653	63.3	9,938	4,096	5,842	3,395	1,921	1,474
1980–81.....	41,068	-2.4	14,332	26,736	65.1	10,223	4,066	6,157	3,576	2,002	1,574
1981–82.....	41,212	0.4	13,645	27,567	66.9	9,947	3,823	6,124	3,461	1,856	1,605
1982–83.....	40,460	-1.8	13,131	27,329	67.5	9,981	3,647	6,334	3,602	1,838	1,764
1983–84.....	39,955	-1.2	12,812	27,143	67.9	9,525	3,400	6,125	3,535	1,774	1,761
1984–85.....	39,900	-0.1	12,706	27,194	68.2	9,891	3,452	6,439	3,447	1,739	1,708
1985–86.....	40,628	1.8	12,605	28,023	69.0	9,845	3,347	6,498	3,593	1,724	1,869
1986–87.....	43,152	6.2	13,395	29,757	69.0	11,000	3,516	7,484	4,062	1,801	2,261
1987–88.....	45,371	5.1	13,579	31,792	70.1	10,488	3,256	7,232	3,973	1,783	2,190
1988–89.....	49,083	8.2	14,265	34,818	70.9	11,329	3,465	7,864	4,143	1,773	2,370
1989–90.....	53,952	9.9	15,336	38,616	71.6	10,730	3,377	7,353	3,811	1,566	2,245
1990–91.....	58,655	8.7	16,067	42,588	72.6	11,349	3,329	8,020	3,932	1,520	2,412
1991–92.....	63,683	8.6	17,062	46,621	73.2	11,659	3,335	8,324	3,814	1,490	2,324
1992–93.....	66,931	5.1	17,942	48,989	73.2	12,518	3,380	9,138	4,100	1,570	2,530
1993–94.....	69,419	3.7	18,668	50,751	73.1	13,723	3,763	9,960	4,021	1,497	2,524
1994–95.....	72,233	4.1	19,570	52,663	72.9	15,378	4,210	11,168	4,252	1,562	2,690
1995–96.....	73,416	1.6	19,836	53,580	73.0	15,152	4,090	11,062	4,141	1,380	2,761
1996–97.....	74,308	1.2	19,408	54,900	73.9	15,769	4,155	11,614	4,507	1,495	3,012
1997–98.....	74,107	-0.3	18,976	55,131	74.4	15,142	3,978	11,164	4,541	1,470	3,071
1998–99.....	73,747	-0.5	18,376	55,371	75.1	15,560	3,959	11,601	4,678	1,528	3,150
1999–2000.....	74,194	0.6	17,451	56,743	76.5	15,740	3,821	11,919	4,731	1,529	3,202
2000–01.....	73,645	-0.7	16,585	57,060	77.5	16,539	3,892	12,647	5,091	1,598	3,493
2001–02.....	76,775	4.3	17,284	59,491	77.5	16,357	3,814	12,543	4,759	1,503	3,256
2002–03.....	78,650	2.4	17,514	61,136	77.7	17,161	3,839	13,322	4,835	1,483	3,352
2003–04.....	82,098	4.4	18,193	63,905	77.8	17,898	3,789	14,109	4,827	1,496	3,331
2004–05.....	85,614	4.3	19,000	66,614	77.8	18,830	3,900	14,930	5,106	1,466	3,640
2005–06.....	88,134	2.9	19,865	68,269	77.5	19,770	4,079	15,691	4,921	1,347	3,574
2006–07.....	90,039	2.2	20,343	69,696	77.4	21,037	4,265	16,772	5,153	1,382	3,771
2007–08.....	92,587	2.8	21,202	71,385	77.1	21,431	4,356	17,075	5,296	1,440	3,856
2008–09.....	94,271	1.8	21,488	72,783	77.2	23,415	4,789	18,626	5,477	1,478	3,999
2009–10.....	97,216	3.1	22,275	74,941	77.1	23,752	4,797	18,955	5,540	1,478	4,062
2010–11.....	100,893	3.8	23,229	77,664	77.0	25,051	5,118	19,933	5,851	1,481	4,370
Percent change											
2000–01 to 2005–06.....	19.7	†	19.8	19.6	†	19.5	4.8	24.1	-3.3	-15.7	2.3
2005–06 to 2010–11.....	14.5	†	16.9	13.8	†	26.7	25.5	27.0	18.9	9.9	22.3

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 and 1959–60; Higher Education General Information Survey

(HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1967–68 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 362. Degrees in public administration and social services conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	5,466	†	1,726	3,740	68.4	7,785	3,893	3,892	174	132	42
1971–72.....	7,508	37.4	2,588	4,920	65.5	8,756	4,537	4,219	193	150	43
1972–73.....	10,690	42.4	3,998	6,692	62.6	10,068	5,271	4,797	198	160	38
1973–74.....	11,966	11.9	4,266	7,700	64.3	11,415	6,028	5,387	201	154	47
1974–75.....	13,661	14.2	4,630	9,031	66.1	13,617	7,200	6,417	257	192	65
1975–76.....	15,440	13.0	5,706	9,734	63.0	15,209	7,969	7,240	292	192	100
1976–77.....	16,136	4.5	5,544	10,592	65.6	17,026	8,810	8,216	292	197	95
1977–78.....	16,607	2.9	5,096	11,511	69.3	17,337	8,513	8,824	357	237	120
1978–79.....	17,328	4.3	4,938	12,390	71.5	17,306	8,051	9,255	315	215	100
1979–80.....	16,644	-3.9	4,451	12,193	73.3	17,560	7,866	9,694	342	216	126
1980–81.....	16,707	0.4	4,248	12,459	74.6	17,803	7,460	10,343	362	212	150
1981–82.....	16,495	-1.3	4,176	12,319	74.7	17,416	6,975	10,441	372	205	167
1982–83.....	14,414	-12.6	3,343	11,071	76.8	16,046	5,961	10,085	347	184	163
1983–84.....	12,570	-12.8	2,998	9,572	76.1	15,060	5,634	9,426	420	230	190
1984–85.....	11,754	-6.5	2,829	8,925	75.9	15,575	5,573	10,002	431	213	218
1985–86.....	11,887	1.1	2,966	8,921	75.0	15,692	5,594	10,098	382	171	211
1986–87.....	12,328	3.7	2,993	9,335	75.7	16,432	5,673	10,759	398	216	182
1987–88.....	12,385	0.5	2,923	9,462	76.4	16,424	5,631	10,793	470	238	232
1988–89.....	13,162	6.3	3,214	9,948	75.6	17,020	5,615	11,405	428	210	218
1989–90.....	13,908	5.7	3,334	10,574	76.0	17,399	5,634	11,765	508	235	273
1990–91.....	14,350	3.2	3,215	11,135	77.6	17,905	5,679	12,226	430	190	240
1991–92.....	15,987	11.4	3,479	12,508	78.2	19,243	5,769	13,474	432	204	228
1992–93.....	16,775	4.9	3,801	12,974	77.3	20,634	6,105	14,529	459	215	244
1993–94.....	17,815	6.2	3,919	13,896	78.0	21,833	6,406	15,427	519	238	281
1994–95.....	18,586	4.3	3,935	14,651	78.8	23,501	6,870	16,631	556	274	282
1995–96.....	19,849	6.8	4,205	15,644	78.8	24,229	6,927	17,302	499	220	279
1996–97.....	20,649	4.0	4,177	16,472	79.8	24,781	6,957	17,824	518	243	275
1997–98.....	20,408	-1.2	3,881	16,527	81.0	25,144	7,025	18,119	499	223	276
1998–99.....	20,323	-0.4	3,799	16,524	81.3	25,038	6,621	18,417	534	240	294
1999–2000.....	20,185	-0.7	3,816	16,369	81.1	25,594	6,808	18,786	537	227	310
2000–01.....	19,447	-3.7	3,670	15,777	81.1	25,268	6,544	18,724	574	263	311
2001–02.....	19,392	-0.3	3,706	15,686	80.9	25,448	6,505	18,943	571	250	321
2002–03.....	19,900	2.6	3,726	16,174	81.3	25,903	6,391	19,512	599	265	334
2003–04.....	20,552	3.3	3,793	16,759	81.5	28,250	7,001	21,249	649	275	374
2004–05.....	21,769	5.9	4,209	17,560	80.7	29,552	7,370	22,182	673	272	401
2005–06.....	21,986	1.0	4,126	17,860	81.2	30,510	7,572	22,938	704	285	419
2006–07.....	23,147	5.3	4,354	18,793	81.2	31,131	7,758	23,373	726	253	473
2007–08.....	23,493	1.5	4,202	19,291	82.1	33,029	8,140	24,889	760	269	491
2008–09.....	23,851	1.5	4,374	19,477	81.7	33,933	8,346	25,587	812	306	506
2009–10.....	25,414	6.6	4,578	20,836	82.0	35,729	8,865	26,864	838	323	515
2010–11.....	26,774	5.4	4,908	21,866	81.7	38,634	9,793	28,841	851	327	524
Percent change											
2000–01 to 2005–06.....	13.1	†	12.4	13.2	†	20.7	15.7	22.5	22.6	8.4	34.7
2005–06 to 2010–11.....	21.8	†	19.0	22.4	†	26.6	29.3	25.7	20.9	14.7	25.1

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Con-

ferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 363. Degrees in the social sciences and history conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees					Master's degrees			Doctor's degrees		
	Total		Males	Females	Females as a percent of total	Total	Males	Females	Total	Males	Females
	Number	Annual percent change									
1	2	3	4	5	6	7	8	9	10	11	12
1970–71.....	155,324	†	98,173	57,151	36.8	16,539	11,833	4,706	3,660	3,153	507
1971–72.....	158,060	1.8	100,895	57,165	36.2	17,445	12,540	4,905	4,081	3,483	598
1972–73.....	155,970	-1.3	99,735	56,235	36.1	17,477	12,605	4,872	4,234	3,573	661
1973–74.....	150,320	-3.6	95,650	54,670	36.4	17,293	12,321	4,972	4,124	3,383	741
1974–75.....	135,190	-10.1	84,826	50,364	37.3	16,977	11,875	5,102	4,212	3,334	878
1975–76.....	126,396	-6.5	78,691	47,705	37.7	15,953	10,918	5,035	4,157	3,262	895
1976–77.....	117,040	-7.4	71,128	45,912	39.2	15,533	10,413	5,120	3,802	2,957	845
1977–78.....	112,952	-3.5	67,217	45,735	40.5	14,718	9,845	4,873	3,594	2,722	872
1978–79.....	108,059	-4.3	62,852	45,207	41.8	12,963	8,395	4,568	3,371	2,501	870
1979–80.....	103,662	-4.1	58,511	45,151	43.6	12,176	7,794	4,382	3,230	2,357	873
1980–81.....	100,513	-3.0	56,131	44,382	44.2	11,945	7,457	4,488	3,122	2,274	848
1981–82.....	99,705	-0.8	55,196	44,509	44.6	12,002	7,468	4,534	3,061	2,237	824
1982–83.....	95,228	-4.5	52,771	42,457	44.6	11,205	6,974	4,231	2,931	2,042	889
1983–84.....	93,323	-2.0	52,154	41,169	44.1	10,577	6,551	4,026	2,911	2,030	881
1984–85.....	91,570	-1.9	51,226	40,344	44.1	10,503	6,475	4,028	2,851	1,933	918
1985–86.....	93,840	2.5	52,724	41,116	43.8	10,564	6,419	4,145	2,955	1,970	985
1986–87.....	96,342	2.7	53,949	42,393	44.0	10,506	6,373	4,133	2,916	2,026	890
1987–88.....	100,460	4.3	56,377	44,083	43.9	10,412	6,310	4,102	2,781	1,849	932
1988–89.....	108,151	7.7	60,121	48,030	44.4	11,023	6,599	4,424	2,885	1,949	936
1989–90.....	118,083	9.2	65,887	52,196	44.2	11,634	6,898	4,736	3,010	2,019	991
1990–91.....	125,107	5.9	68,701	56,406	45.1	12,233	7,016	5,217	3,012	1,956	1,056
1991–92.....	133,974	7.1	73,001	60,973	45.5	12,702	7,237	5,465	3,218	2,126	1,092
1992–93.....	135,703	1.3	73,589	62,114	45.8	13,471	7,671	5,800	3,460	2,203	1,257
1993–94.....	133,680	-1.5	72,006	61,674	46.1	14,561	8,152	6,409	3,627	2,317	1,310
1994–95.....	128,154	-4.1	68,139	60,015	46.8	14,845	8,207	6,638	3,725	2,319	1,406
1995–96.....	126,479	-1.3	65,872	60,607	47.9	15,012	8,093	6,919	3,760	2,339	1,421
1996–97.....	124,891	-1.3	64,115	60,776	48.7	14,787	7,830	6,957	3,989	2,479	1,510
1997–98.....	125,040	0.1	63,537	61,503	49.2	14,938	7,960	6,978	4,127	2,445	1,682
1998–99.....	124,815	-0.2	61,843	62,972	50.5	14,396	7,440	6,956	3,873	2,290	1,583
1999–2000.....	127,101	1.8	62,062	65,039	51.2	14,066	7,024	7,042	4,095	2,407	1,688
2000–01.....	128,036	0.7	61,749	66,287	51.8	13,791	6,816	6,975	3,930	2,302	1,628
2001–02.....	132,874	3.8	64,170	68,704	51.7	14,112	6,941	7,171	3,902	2,219	1,683
2002–03.....	143,256	7.8	69,517	73,739	51.5	14,630	7,202	7,428	3,850	2,196	1,654
2003–04.....	150,357	5.0	73,834	76,523	50.9	16,110	7,810	8,300	3,811	2,188	1,623
2004–05.....	156,892	4.3	77,702	79,190	50.5	16,952	8,256	8,696	3,819	2,184	1,635
2005–06.....	161,485	2.9	80,799	80,686	50.0	17,369	8,415	8,954	3,914	2,218	1,696
2006–07.....	164,183	1.7	82,417	81,766	49.8	17,665	8,577	9,088	3,844	2,110	1,734
2007–08.....	167,363	1.9	84,868	82,495	49.3	18,495	9,349	9,146	4,059	2,194	1,865
2008–09.....	168,500	0.7	85,197	83,303	49.4	19,240	9,605	9,635	4,234	2,353	1,881
2009–10.....	172,780	2.5	87,406	85,374	49.4	20,222	9,963	10,259	4,238	2,292	1,946
2010–11.....	177,144	2.5	89,814	87,330	49.3	21,084	10,578	10,506	4,390	2,331	2,059
Percent change											
2000–01 to 2005–06.....	26.1	†	30.9	21.7	†	25.9	23.5	28.4	-0.4	-3.6	4.2
2005–06 to 2010–11.....	9.7	†	11.2	8.2	†	21.4	25.7	17.3	12.2	5.1	21.4

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Con-

ferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 364. Degrees in economics, history, political science and government, and sociology conferred by degree-granting institutions, by level of degree: Selected years, 1949–50 through 2010–11**

Year	Economics			History			Political science and government			Sociology		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50.....	14,568	921	200	13,542	1,801	275	6,336	710	127	7,870	552	98
1951–52.....	8,593	695	239	10,187	1,445	317	4,911	525	147	6,648	517	141
1953–54.....	6,719	609	245	9,363	1,220	355	5,314	534	153	5,692	440	184
1955–56.....	6,555	581	232	10,510	1,114	259	5,633	509	203	5,878	402	170
1957–58.....	7,457	669	239	12,840	1,397	297	6,116	665	170	6,568	397	150
1959–60.....	7,453	708	237	14,737	1,794	342	6,596	722	201	7,147	440	161
1961–62.....	8,366	853	268	17,340	2,163	343	8,326	839	214	8,120	578	173
1963–64.....	10,583	1,104	385	23,668	2,705	507	12,126	1,163	263	10,943	646	198
1965–66.....	11,555	1,522	458	28,612	3,883	599	15,242	1,429	336	15,038	981	244
1967–68.....	15,193	1,916	600	35,291	4,845	688	20,387	1,937	457	21,710	1,193	367
1969–70.....	17,197	1,988	794	43,386	5,049	1,038	25,713	2,105	525	30,436	1,813	534
1970–71.....	15,758	1,995	721	44,663	5,157	991	27,482	2,318	700	33,263	1,808	574
1971–72.....	15,231	2,224	794	43,695	5,217	1,133	28,135	2,451	758	35,216	1,944	636
1972–73.....	14,770	2,225	845	40,943	5,030	1,140	30,100	2,398	747	35,436	1,923	583
1973–74.....	14,285	2,141	788	37,049	4,533	1,114	30,744	2,448	766	35,491	2,196	632
1974–75.....	14,046	2,127	815	31,470	4,226	1,117	29,126	2,333	680	31,488	2,112	693
1975–76.....	14,741	2,087	763	28,400	3,658	1,014	28,302	2,191	723	27,634	2,009	729
1976–77.....	15,296	2,158	758	25,433	3,393	921	26,411	2,222	641	24,713	1,830	714
1977–78.....	15,661	1,995	706	23,004	3,033	813	26,069	2,069	636	22,750	1,611	599
1978–79.....	16,409	1,955	712	21,019	2,536	756	25,628	2,037	563	20,285	1,415	612
1979–80.....	17,863	1,821	677	19,301	2,367	712	25,457	1,938	535	18,881	1,341	583
1980–81.....	18,753	1,911	727	18,301	2,237	643	24,977	1,875	484	17,272	1,240	610
1981–82.....	19,876	1,964	677	17,146	2,210	636	25,658	1,954	513	16,042	1,145	558
1982–83.....	20,517	1,972	734	16,467	2,041	575	25,791	1,829	435	14,105	1,112	522
1983–84.....	20,719	1,891	729	16,643	1,940	561	25,719	1,769	457	13,145	1,008	520
1984–85.....	20,711	1,992	749	16,049	1,921	468	25,834	1,500	441	11,968	1,022	480
1985–86.....	21,602	1,937	789	16,415	1,961	497	26,439	1,704	439	12,271	965	504
1986–87.....	22,378	1,855	750	16,997	2,021	534	26,817	1,618	435	12,239	950	451
1987–88.....	22,911	1,847	770	18,207	2,093	517	27,207	1,579	391	13,024	984	452
1988–89.....	23,454	1,886	827	20,159	2,121	487	30,450	1,598	452	14,435	1,135	451
1989–90.....	23,923	1,950	806	22,476	2,369	570	33,560	1,580	480	16,035	1,198	432
1990–91.....	23,488	1,951	802	24,541	2,591	606	35,737	1,772	468	17,550	1,260	465
1991–92.....	23,423	2,106	866	26,966	2,754	644	37,805	1,908	535	19,568	1,347	501
1992–93.....	21,321	2,292	879	27,774	2,952	690	37,931	1,943	529	20,896	1,521	536
1993–94.....	19,496	2,521	869	27,503	3,009	752	36,097	2,147	616	22,368	1,639	530
1994–95.....	17,673	2,400	910	26,598	3,091	816	33,013	2,019	637	22,886	1,748	546
1995–96.....	16,674	2,533	916	26,005	2,898	805	30,775	2,024	634	24,071	1,772	527
1996–97.....	16,539	2,433	968	25,214	2,901	873	28,969	1,909	686	24,672	1,731	591
1997–98.....	17,074	2,435	928	25,726	2,895	937	28,044	1,957	705	24,806	1,737	596
1998–99.....	17,577	2,332	819	24,742	2,618	931	27,476	1,667	694	24,979	1,940	521
1999–2000.....	18,441	2,168	851	25,247	2,573	984	27,635	1,627	693	25,598	1,996	595
2000–01.....	19,437	2,139	851	25,090	2,365	931	27,792	1,596	688	25,268	1,845	546
2001–02.....	20,927	2,330	826	26,001	2,420	924	29,354	1,641	625	25,202	1,928	534
2002–03.....	23,007	2,582	836	27,757	2,521	861	33,205	1,664	671	26,095	1,897	591
2003–04.....	24,069	2,824	849	29,808	2,522	855	35,581	1,869	618	26,939	2,009	558
2004–05.....	24,217	3,092	973	31,398	2,893	819	38,107	1,983	636	28,473	1,499	527
2005–06.....	23,807	2,941	930	33,153	2,992	852	39,409	2,054	649	28,467	1,547	562
2006–07.....	23,916	2,962	941	34,446	3,144	807	39,899	2,102	614	28,960	1,545	569
2007–08.....	25,278	3,187	1,025	34,441	3,403	860	40,259	2,156	639	28,815	1,560	585
2008–09.....	26,299	3,233	1,015	34,711	3,542	918	39,198	2,171	709	28,732	1,580	628
2009–10.....	27,624	3,356	983	35,198	3,854	888	39,467	2,251	745	28,637	1,427	603
2010–11.....	28,528	3,731	1,018	34,999	4,003	908	40,150	2,487	722	29,271	1,559	656
Percent change												
2000–01 to 2005–06.....	22.5	37.5	9.3	32.1	26.5	-8.5	41.8	28.7	-5.7	12.7	-16.2	2.9
2005–06 to 2010–11.....	19.8	26.9	9.5	5.6	33.8	6.6	1.9	21.1	11.2	2.8	0.8	16.7

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Earned Degrees Conferred*, 1949–50 through 1963–64; Higher Education General Information Sur-

vey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1965–66 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 365. Degrees in visual and performing arts conferred by degree-granting institutions, by level of degree and sex of student: 1970–71 through 2010–11**

Year	Bachelor's degrees				Females as a percent of total	Master's degrees			Doctor's degrees			
	Total		Males	Females		Total	Males	Females	Total	Males	Females	
	Number	Annual percent change										
1	2	3	4	5	6	7	8	9	10	11	12	
1970–71.....	30,394	†	12,256	18,138	59.7	6,675	3,510	3,165	621	483	138	
1971–72.....	33,831	11.3	13,580	20,251	59.9	7,537	4,049	3,488	572	428	144	
1972–73.....	36,017	6.5	14,267	21,750	60.4	7,254	4,005	3,249	616	449	167	
1973–74.....	39,730	10.3	15,821	23,909	60.2	8,001	4,325	3,676	585	440	145	
1974–75.....	40,782	2.6	15,532	25,250	61.9	8,362	4,448	3,914	649	446	203	
1975–76.....	42,138	3.3	16,491	25,647	60.9	8,817	4,507	4,310	620	447	173	
1976–77.....	41,793	-0.8	16,166	25,627	61.3	8,636	4,211	4,425	662	447	215	
1977–78.....	40,951	2.0	15,572	25,379	62.0	9,036	4,327	4,709	708	448	260	
1978–79.....	40,969	#	15,380	25,589	62.5	8,524	3,933	4,591	700	454	246	
1979–80.....	40,892	-0.2	15,065	25,827	63.2	8,708	4,067	4,641	655	413	242	
1980–81.....	40,479	-1.0	14,798	25,681	63.4	8,629	4,056	4,573	654	396	258	
1981–82.....	40,422	-0.1	14,819	25,603	63.3	8,746	3,866	4,880	670	380	290	
1982–83.....	39,804	-1.5	14,695	25,109	63.1	8,763	4,013	4,750	692	404	288	
1983–84.....	40,131	0.8	15,089	25,042	62.4	8,526	3,897	4,629	730	406	324	
1984–85.....	38,285	-4.6	14,518	23,767	62.1	8,720	3,896	4,824	696	407	289	
1985–86.....	37,241	-2.7	14,236	23,005	61.8	8,420	3,775	4,645	722	396	326	
1986–87.....	36,873	-1.0	13,980	22,893	62.1	8,508	3,756	4,752	793	447	346	
1987–88.....	37,150	0.8	14,225	22,925	61.7	7,939	3,442	4,497	727	424	303	
1988–89.....	38,420	3.4	14,698	23,722	61.7	8,267	3,611	4,656	753	446	307	
1989–90.....	39,934	3.9	15,189	24,745	62.0	8,481	3,706	4,775	849	472	377	
1990–91.....	42,186	5.6	15,761	26,425	62.6	8,657	3,830	4,827	838	466	372	
1991–92.....	46,522	10.3	17,616	28,906	62.1	9,353	4,078	5,275	906	504	402	
1992–93.....	47,761	2.7	18,610	29,151	61.0	9,440	4,099	5,341	882	478	404	
1993–94.....	49,053	2.7	19,538	29,515	60.2	9,925	4,229	5,696	1,054	585	469	
1994–95.....	48,690	-0.7	19,781	28,909	59.4	10,277	4,374	5,903	1,080	545	535	
1995–96.....	49,296	1.2	20,126	29,170	59.2	10,280	4,361	5,919	1,067	524	543	
1996–97.....	50,083	1.6	20,729	29,354	58.6	10,627	4,470	6,157	1,060	525	535	
1997–98.....	52,077	4.0	21,483	30,594	58.7	11,145	4,596	6,549	1,163	566	597	
1998–99.....	54,446	4.5	22,270	32,176	59.1	10,762	4,544	6,218	1,117	567	550	
1999–2000.....	58,791	8.0	24,003	34,788	59.2	10,918	4,672	6,246	1,127	537	590	
2000–01.....	61,148	4.0	24,967	36,181	59.2	11,404	4,788	6,616	1,167	568	599	
2001–02.....	66,773	9.2	27,130	39,643	59.4	11,595	4,912	6,683	1,114	490	624	
2002–03.....	71,482	7.1	27,922	43,560	60.9	11,982	4,975	7,007	1,293	613	680	
2003–04.....	77,181	8.0	30,037	47,144	61.1	12,906	5,531	7,375	1,282	572	710	
2004–05.....	80,955	4.9	31,355	49,600	61.3	13,183	5,646	7,537	1,278	594	684	
2005–06.....	83,297	2.9	32,117	51,180	61.4	13,530	5,801	7,729	1,383	639	744	
2006–07.....	85,186	2.3	32,729	52,457	61.6	13,767	5,910	7,857	1,364	625	739	
2007–08.....	87,703	3.0	33,862	53,841	61.4	14,164	5,998	8,166	1,453	675	778	
2008–09.....	89,140	1.6	35,051	54,089	60.7	14,918	6,325	8,593	1,569	726	843	
2009–10.....	91,802	3.0	35,768	56,034	61.0	15,552	6,525	9,027	1,599	700	899	
2010–11.....	93,956	2.3	36,341	57,615	61.3	16,277	6,882	9,395	1,646	770	876	
Percent change												
2000–01 to 2005–06.....	36.2	†	28.6	41.5	†	18.6	21.2	16.8	18.5	12.5	24.2	
2005–06 to 2010–11.....	12.8	†	13.2	12.6	†	20.3	18.6	21.6	19.0	20.5	17.7	

†Not applicable.

#Rounds to zero.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, 1970–71 through 1985–86; Integrated Postsecondary Education Data System (IPEDS), "Completions Survey" (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared July 2012.)



**Table 366. Statistical profile of persons receiving doctor's degrees, by field of study and selected characteristics: 2008–09 and 2009–10**

Selected characteristic	All fields, 2008–09	Field of study, 2009–10									
		All fields	Education	Engineering	Humanities	Life sciences	Physical sciences, mathematics, and computer science <sup>1</sup>		Social sciences and psychology	Other fields	
							Total	Mathematics		Total	Business and management
1	2	3	4	5	6	7	8	9	10	11	12
Number of doctor's degrees conferred .....	49,562	48,069	5,294	7,552	4,979	11,266	8,319	1,589	7,771	4,254	1,366
Sex (percent) <sup>2</sup>											
Male .....	53.1	53.1	31.4	76.9	48.3	45.0	70.4	70.6	42.6	49.7	59.5
Female .....	46.8	46.8	68.6	23.1	51.6	55.0	29.5	29.4	57.4	50.1	40.3
Race/ethnicity (percent) <sup>3</sup>											
White .....	74.6	74.5	71.0	68.5	79.0	74.0	77.6	78.1	75.7	73.9	69.8
Black .....	6.9	6.3	14.4	4.2	4.5	5.1	3.0	2.6	6.2	8.3	9.4
Hispanic .....	5.8	5.9	6.2	5.8	6.9	5.8	4.2	4.4	6.5	5.1	4.3
Asian .....	8.3	9.0	4.5	16.9	4.7	11.1	10.5	11.1	6.6	9.2	12.9
American Indian/Alaska Native .....	0.5	0.4	0.5	0.2	0.4	0.3	0.3	0.4	0.6	0.3	0.4
Two or more races .....	2.0	2.1	1.8	2.0	2.2	2.0	2.1	1.8	2.6	1.7	1.7
Other and unknown <sup>4</sup> .....	1.9	1.9	1.6	2.4	2.3	1.6	2.3	1.7	1.7	1.4	1.5
Citizenship (percent)											
U.S. citizen and permanent resident .....	65.0	65.7	84.5	43.7	80.8	68.9	54.4	52.8	73.1	62.3	54.5
Temporary visa holder .....	29.7	28.3	9.1	51.0	13.0	25.8	40.3	43.0	19.9	29.1	36.4
Unknown .....	5.3	6.0	6.4	5.3	6.2	5.2	5.3	4.2	6.9	8.6	9.1
Median age at doctorate (years) .....	32.2	32.2	40.5	30.5	34.6	31.3	30.2	29.7	32.4	35.4	34.7
Percent with bachelor's degree in same field as doctorate .....	53.5	53.5	27.9	76.6	52.8	48.6	64.3	67.8	52.2	32.5	33.0
Median time lapse to doctorate (years)											
Since bachelor's degree completion .....	9.3	9.3	16.2	7.8	11.4	8.6	7.6	7.2	9.5	12.3	11.5
Since starting graduate school .....	7.7	7.7	12.5	6.9	9.3	6.8	6.7	6.3	7.7	9.5	8.9
Postdoctoral plans (percent) <sup>5</sup>											
Definite postdoctoral study <sup>6</sup> .....	26.4	29.1	4.9	29.4	9.4	46.0	43.8	36.8	24.7	5.6	3.7
Fellowship .....	14.1	15.2	2.4	9.4	7.8	27.3	18.0	19.6	17.2	3.4	1.7
Research associateship .....	11.2	12.9	1.7	19.4	1.2	17.2	24.9	16.2	5.8	2.0	1.9
Other <sup>7</sup> .....	1.1	1.0	0.7	0.6	0.4	1.5	0.9	1.0	1.8	0.2	0.2
Definite postdoctoral employment <sup>8</sup> .....	42.3	38.1	64.7	35.2	49.1	19.3	27.5	34.3	46.0	66.3	74.7
Postsecondary educational institution <sup>9</sup> .....	22.6	20.4	35.1	7.2	40.2	9.6	10.2	20.2	28.2	49.7	58.8
Government .....	3.1	3.5	2.5	4.5	1.1	2.8	2.7	2.1	6.8	3.6	2.6
Industry, business .....	10.6	8.6	2.9	21.6	2.3	4.6	13.0	9.4	5.7	6.4	8.7
Nonprofit organization .....	2.0	2.0	2.9	1.2	2.6	1.7	0.7	1.0	3.0	3.8	1.9
Other <sup>10</sup> and unknown .....	3.8	3.5	21.2	0.9	2.9	0.7	0.9	1.6	2.3	2.9	2.8
Seeking employment or study .....	27.3	28.9	26.9	32.3	38.4	27.9	26.2	25.9	26.7	25.3	18.9
Other/unknown .....	4.0	3.8	3.5	3.0	3.2	6.9	2.5	2.9	2.6	2.9	2.6
Primary work activity after doctorate (percent) <sup>11</sup>											
Research and development .....	37.7	36.8	9.9	71.6	12.4	43.5	60.8	45.3	35.1	31.3	41.9
Teaching .....	36.5	38.5	42.9	9.9	75.3	30.0	25.2	47.5	40.0	48.3	42.0
Management or administration .....	14.5	13.6	37.7	7.0	6.4	11.5	4.5	1.1	8.7	13.3	11.8
Professional services .....	9.9	9.8	8.7	9.6	4.5	13.9	7.8	5.1	15.0	6.2	3.7
Other .....	1.4	1.3	0.9	1.8	1.3	1.1	1.6	1.1	1.3	1.0	0.5
Employment location after doctorate (percent) <sup>12</sup>											
New England .....	8.1	8.2	4.4	7.7	9.0	9.9	8.6	7.4	8.8	5.6	5.4
Middle Atlantic .....	13.4	13.0	11.2	11.0	16.5	12.6	13.2	16.3	13.6	14.5	13.5
East North Central .....	11.7	12.3	14.7	12.0	13.9	11.1	11.3	13.6	12.3	14.2	13.4
West North Central .....	5.7	5.3	7.7	3.2	6.2	6.1	4.2	5.7	5.1	6.0	5.7
South Atlantic .....	16.7	16.9	19.7	14.8	14.5	18.9	13.8	14.5	18.9	16.7	17.6
East South Central .....	3.7	3.7	7.6	2.6	4.5	3.6	2.3	2.1	2.8	4.5	3.9
West South Central .....	7.9	7.5	10.2	7.8	8.3	6.7	6.5	6.3	6.4	9.1	9.9
Mountain .....	5.6	5.1	7.1	6.3	4.0	4.4	5.5	4.3	4.4	4.0	3.7
Pacific and insular .....	16.7	16.0	10.6	20.2	12.7	17.4	20.3	13.2	13.2	9.2	8.5
Foreign .....	9.7	10.9	5.3	13.4	9.4	7.8	13.3	15.9	13.8	14.4	17.2
Region unknown .....	0.1	0.1	‡	0.1	0.1	0.1	‡	0.0	0.1	0.1	0.0

‡Reporting standards not met (too few cases).

<sup>1</sup>Includes mathematics, computer science, physics and astronomy, chemistry, and earth, atmospheric, and marine sciences.

<sup>2</sup>Distribution based on respondents reporting sex data.

<sup>3</sup>Distribution based on U.S. citizens and permanent residents.

<sup>4</sup>Includes Native Hawaiians and other Pacific Islanders.

<sup>5</sup>Percentages are based on only those doctorate recipients who responded to questions about postdoctoral plans.

<sup>6</sup>Percentages are based on only those doctorate recipients who indicated definite postdoctoral plans for study and who indicated the type of study.

<sup>7</sup>Other includes respondents who indicated definite postgraduation study plans for traineeship, internship/clinical residency, or other study.

<sup>8</sup>Percentages are based on only those doctorate recipients who indicated definite postdoctoral plans for employment and who indicated the sector of employment.

<sup>9</sup>Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

<sup>10</sup>Other is mainly composed of elementary and secondary schools.

<sup>11</sup>Percentages are based on only those doctorate recipients who indicated definite postdoctoral plans for employment and who indicated their primary work activity.

<sup>12</sup>Percentages are based on only those doctorate recipients who indicated definite postdoctoral plans for employment.

NOTE: The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). One major difference is that history is included under humanities rather than social sciences. Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes only graduates of research programs, which typically require the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Excludes nonresearch professional practice doctor's degrees (e.g., M.D., D.D.S., and J.D.) that are conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice in such fields as health and theology. The number of doctor's degrees in this table differs from that reported in the NCES Integrated Postsecondary Education Data System (IPEDS), which includes both the research and nonresearch degrees. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: *Doctorate Recipients From U.S. Universities: 2010*, Survey of Earned Doctorates, National Science Foundation, National Institutes of Health, U.S. Department of Education, National Endowment for the Humanities, U.S. Department of Agriculture, and the National Aeronautics and Space Administration. (This table was prepared April 2012.)

**Table 367. Degrees conferred by degree-granting institutions, by control, level of degree, and state or jurisdiction: 2010–11**

State or jurisdiction	Public				Private nonprofit				Private for-profit			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>696,788</b>	<b>1,088,297</b>	<b>339,250</b>	<b>81,938</b>	<b>51,969</b>	<b>513,106</b>	<b>313,200</b>	<b>76,608</b>	<b>193,570</b>	<b>114,510</b>	<b>78,185</b>	<b>5,219</b>
Alabama .....	9,204	21,593	9,682	1,643	145	3,581	787	501	2,446	2,074	1,419	0
Alaska .....	1,078	1,616	641	46	14	86	52	0	431	68	0	0
Arizona .....	14,892	22,176	7,422	1,654	8	837	1,216	359	44,091	27,915	27,593	924
Arkansas .....	9,926	10,707	4,247	805	77	2,392	484	8	178	160	62	0
California .....	84,969	124,666	30,543	6,638	1,146	32,861	31,368	10,153	21,560	12,096	5,528	349
Colorado .....	7,003	21,454	6,450	1,543	358	3,979	4,270	566	8,784	4,107	3,526	61
Connecticut .....	5,060	10,527	3,082	730	845	8,869	5,935	1,078	174	339	114	0
Delaware .....	1,593	4,118	925	257	215	1,736	1,749	289	12	23	31	0
District of Columbia .....	157	366	40	78	202	7,616	9,671	3,380	196	420	367	0
Florida .....	67,738	57,313	16,614	4,531	6,642	22,039	11,829	3,588	11,874	6,929	3,323	1,178
Georgia .....	14,312	32,397	10,665	2,221	1,028	10,028	4,746	1,464	2,609	2,650	2,122	320
Hawaii .....	2,847	3,796	1,269	496	457	1,821	623	0	462	134	170	33
Idaho .....	1,965	5,583	1,559	321	1,120	3,431	194	0	834	157	37	0
Illinois .....	29,744	33,874	12,772	2,720	1,737	29,512	26,085	4,961	8,528	8,194	4,154	165
Indiana .....	11,656	28,631	9,024	2,535	1,825	14,039	5,109	851	5,122	849	204	0
Iowa .....	11,959	11,281	2,801	1,464	618	10,146	2,224	1,480	6,713	14,839	4,957	168
Kansas .....	8,497	14,065	5,106	1,345	522	4,082	2,120	131	482	44	1	0
Kentucky .....	8,693	15,886	5,775	1,498	580	4,495	2,299	250	3,756	697	276	64
Louisiana .....	5,416	18,300	4,922	1,366	579	2,910	1,937	870	1,241	299	158	0
Maine .....	2,451	4,488	923	153	209	2,859	843	214	649	0	0	0
Maryland .....	12,919	22,450	9,440	2,043	12	6,155	7,136	609	990	642	399	0
Massachusetts .....	10,231	17,149	5,661	616	1,559	36,169	28,154	7,021	1,110	431	90	0
Michigan .....	25,343	42,386	16,108	4,025	4,318	12,975	4,940	1,782	1,198	856	204	0
Minnesota .....	15,720	20,047	5,418	1,717	675	10,709	5,045	1,152	4,085	2,630	11,360	1,483
Mississippi .....	10,931	10,954	3,426	1,005	71	2,276	1,250	165	438	0	0	0
Missouri .....	10,743	19,994	6,452	1,402	2,779	17,753	13,724	3,254	5,012	3,901	521	0
Montana .....	1,933	4,865	1,152	357	125	647	49	0	714	135	11	0
Nebraska .....	4,378	7,904	2,577	742	259	5,471	2,096	629	1,186	821	388	0
Nevada .....	3,811	6,531	1,919	516	0	204	413	323	694	393	41	0
New Hampshire .....	1,948	5,130	1,092	60	420	3,956	2,533	388	727	581	15	0
New Jersey .....	20,217	27,034	7,869	2,168	180	9,472	6,543	933	668	942	350	0
New Mexico .....	5,884	7,103	2,795	583	0	134	121	0	9,214	3,283	837	1
New York .....	48,245	56,767	19,290	2,937	9,185	67,155	50,098	11,292	1,204	745	740	97
North Carolina .....	22,681	34,055	11,232	2,257	1,269	13,870	4,254	1,762	285	61	0	0
North Dakota .....	2,116	4,864	1,118	423	151	749	454	33	0	0	0	0
Ohio .....	21,903	41,688	14,029	4,241	2,826	21,224	8,167	1,792	8,750	970	440	0
Oklahoma .....	9,150	15,604	4,984	1,268	170	3,568	1,278	343	1,390	339	94	0
Oregon .....	9,488	14,155	4,256	938	67	4,838	2,952	911	1,390	549	118	0
Pennsylvania .....	16,257	44,889	11,922	3,515	3,076	41,342	23,681	5,801	9,908	1,974	413	0
Rhode Island .....	1,378	3,882	814	202	2,083	6,981	1,731	507	0	0	0	0
South Carolina .....	8,341	16,367	4,121	1,297	373	5,398	1,266	100	1,057	1,269	462	209
South Dakota .....	2,030	3,855	998	300	229	1,042	266	0	342	314	163	0
Tennessee .....	8,647	19,153	5,877	1,637	704	10,829	4,708	1,352	3,127	1,044	514	0
Texas .....	52,042	85,671	32,254	7,111	1,144	19,527	8,703	2,576	5,423	2,240	1,082	18
Utah .....	10,073	13,658	3,218	840	446	9,785	3,039	247	1,879	1,018	738	0
Vermont .....	973	3,418	483	208	182	2,625	1,894	180	68	57	0	0
Virginia .....	16,052	33,093	11,692	3,115	585	12,532	6,832	1,678	7,556	3,452	2,173	130
Washington .....	26,014	23,411	5,490	1,693	87	7,227	4,118	700	944	760	242	19
West Virginia .....	3,086	8,581	2,696	890	325	1,869	595	117	1,277	2,528	2,593	0
Wisconsin .....	12,469	25,400	5,921	1,600	342	9,305	3,619	818	2,201	574	155	0
Wyoming .....	2,625	1,853	482	188	0	0	0	0	591	7	0	0
U.S. Service Academies .....	0	3,549	2	0	†	†	†	†	†	†	†	†
<b>Other jurisdictions .....</b>	<b>2,460</b>	<b>7,183</b>	<b>776</b>	<b>512</b>	<b>2,908</b>	<b>10,319</b>	<b>4,263</b>	<b>909</b>	<b>2,322</b>	<b>814</b>	<b>781</b>	<b>0</b>
American Samoa .....	216	0	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	267	0	0	0	0	0	0	0	0	0	0	0
Guam .....	113	365	134	0	6	10	0	0	0	0	0	0
Marshall Islands .....	68	0	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	105	14	0	0	0	0	0	0	0	0	0	0
Palau .....	26	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	1,590	6,575	608	512	2,902	10,309	4,263	909	2,322	814	781	0
U.S. Virgin Islands .....	75	229	34	0	0	0	0	0	0	0	0	0

†Not applicable.

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 368. Bachelor's degrees conferred by degree-granting institutions, by field of study and state or jurisdiction: 2010–11**

State or jurisdiction	Total	Humanities <sup>1</sup>	Psychology	Social sciences and history	Natural sciences <sup>2</sup>	Computer sciences	Engineering <sup>3</sup>	Education	Business/management	Health professions and related programs	Other fields <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>1,715,913</b>	<b>288,371</b>	<b>100,893</b>	<b>177,144</b>	<b>131,897</b>	<b>43,072</b>	<b>93,117</b>	<b>103,992</b>	<b>365,093</b>	<b>143,430</b>	<b>268,904</b>
Alabama .....	27,248	2,636	1,380	1,705	1,999	519	1,955	2,605	6,909	2,724	4,816
Alaska .....	1,770	266	152	175	185	51	143	93	343	142	220
Arizona .....	50,928	7,014	1,755	2,386	2,214	2,762	1,384	2,839	16,369	6,538	7,667
Arkansas .....	13,259	1,976	597	923	987	256	611	1,376	2,659	1,590	2,284
California .....	169,623	35,133	11,866	24,210	15,918	3,539	9,140	2,907	32,259	9,448	25,203
Colorado .....	29,540	5,150	1,726	3,195	2,487	830	1,845	233	7,115	1,856	5,103
Connecticut .....	19,735	4,161	1,594	2,997	1,493	198	825	660	3,527	1,555	2,725
Delaware .....	5,877	670	282	621	305	139	310	493	1,473	555	1,029
District of Columbia .....	8,402	1,275	471	2,591	498	173	201	68	1,675	434	1,016
Florida .....	86,281	10,595	5,234	8,020	5,351	2,141	4,396	5,593	21,633	7,796	15,522
Georgia .....	45,075	6,674	2,406	4,024	3,471	1,292	2,528	4,423	10,362	3,532	6,363
Hawaii .....	5,751	1,022	410	686	386	105	131	359	1,327	475	850
Idaho .....	9,171	1,332	429	614	682	223	405	1,072	1,626	1,113	1,675
Illinois .....	71,580	11,829	3,843	6,246	5,030	2,437	3,484	6,149	16,152	5,410	11,000
Indiana .....	43,519	6,753	1,755	3,280	2,886	1,067	3,592	3,598	9,330	4,268	6,990
Iowa .....	36,266	3,781	3,074	4,060	1,638	918	1,366	2,505	9,586	2,682	6,656
Kansas .....	18,191	2,694	657	1,338	1,024	384	1,101	1,859	4,380	1,721	3,033
Kentucky .....	21,078	3,269	1,064	1,617	1,553	259	990	2,241	4,199	1,816	4,070
Louisiana .....	21,509	3,897	1,109	1,609	1,752	338	1,298	1,571	4,652	2,221	3,062
Maine .....	7,347	1,242	439	1,049	802	63	429	597	804	806	1,116
Maryland .....	29,247	4,171	2,020	4,069	2,506	1,706	1,265	1,433	5,595	2,186	4,296
Massachusetts .....	53,749	10,077	3,797	7,621	4,662	1,210	3,090	1,426	10,241	3,947	7,678
Michigan .....	56,217	7,197	3,112	4,516	4,259	1,531	4,465	3,850	12,115	5,791	9,381
Minnesota .....	33,386	5,402	2,097	3,006	3,271	935	1,272	2,619	7,278	2,440	5,066
Mississippi .....	13,230	1,662	720	860	1,091	132	650	1,792	2,929	1,350	2,044
Missouri .....	41,648	5,512	2,488	2,503	2,581	1,008	1,931	3,362	10,222	5,752	6,289
Montana .....	5,512	805	277	521	500	58	529	549	959	329	985
Nebraska .....	13,510	1,256	592	986	891	378	469	1,416	3,727	1,493	2,302
Nevada .....	7,556	996	451	625	450	203	332	556	2,052	672	1,219
New Hampshire .....	9,479	1,650	715	1,276	585	155	463	457	2,079	583	1,516
New Jersey .....	37,087	7,318	3,000	4,719	3,246	725	1,794	2,157	6,860	2,146	5,122
New Mexico .....	8,179	1,452	423	633	587	210	558	877	1,621	610	1,208
New York .....	127,205	26,939	9,123	15,652	9,864	2,952	5,933	7,069	24,106	9,046	16,521
North Carolina .....	48,670	6,148	3,005	5,339	4,357	963	2,746	3,926	9,204	3,668	9,314
North Dakota .....	5,674	504	206	217	372	130	424	531	1,324	664	1,302
Ohio .....	63,882	8,958	3,245	5,446	4,411	1,174	4,064	5,322	13,216	7,393	10,653
Oklahoma .....	19,511	3,419	880	1,012	1,286	329	1,267	1,771	4,240	1,935	3,372
Oregon .....	19,542	4,325	1,150	2,711	1,458	379	1,051	633	3,201	1,587	3,047
Pennsylvania .....	88,205	13,985	4,952	8,665	7,497	2,722	5,268	6,065	17,897	8,528	12,626
Rhode Island .....	10,863	1,623	531	1,062	737	242	533	633	2,828	556	2,118
South Carolina .....	23,034	3,042	1,349	2,342	2,298	427	1,037	2,118	5,746	1,608	3,067
South Dakota .....	5,211	457	233	412	418	166	379	526	884	750	986
Tennessee .....	31,026	6,410	1,792	2,559	2,052	545	1,500	2,058	6,129	2,696	5,285
Texas .....	107,438	22,811	5,619	8,953	8,567	1,821	6,349	2,132	23,397	8,529	19,260
Utah .....	24,461	3,294	1,044	2,648	1,632	1,090	1,181	2,786	4,494	2,429	3,863
Vermont .....	6,100	1,415	409	938	463	185	270	292	844	320	964
Virginia .....	49,077	10,409	3,563	6,438	3,794	1,990	2,633	1,160	9,791	3,208	6,091
Washington .....	31,398	7,279	1,618	4,492	2,775	784	1,632	1,391	5,421	1,951	4,055
West Virginia .....	12,978	2,605	504	1,066	766	377	634	828	2,325	1,260	2,613
Wisconsin .....	35,279	5,262	1,604	3,451	3,258	742	1,929	2,781	7,522	3,130	5,600
Wyoming .....	1,860	159	103	142	200	15	172	235	245	191	398
U.S. Service Academies .....	3,549	460	28	918	402	94	1,163	0	221	0	263
<b>Other jurisdictions .....</b>	<b>18,316</b>	<b>904</b>	<b>822</b>	<b>613</b>	<b>1,433</b>	<b>514</b>	<b>1,202</b>	<b>2,464</b>	<b>5,186</b>	<b>2,363</b>	<b>2,815</b>
Guam .....	375	23	16	12	8	13	0	100	99	22	82
Northern Marianas .....	14	0	0	0	0	0	0	14	0	0	0
Puerto Rico .....	17,698	876	786	592	1,393	490	1,202	2,338	4,973	2,325	2,723
U.S. Virgin Islands .....	229	5	20	9	32	11	0	12	114	16	10

<sup>1</sup>Includes degrees in area, ethnic, cultural, and gender studies; English language and literature/letters; foreign languages, literatures, and linguistics; liberal arts and sciences, general studies and humanities; multi/interdisciplinary studies; philosophy and religious studies; theology and religious vocations; and visual and performing arts.

<sup>2</sup>Includes biological and biomedical sciences; physical sciences; science technologies/technicians; and mathematics and statistics.

<sup>3</sup>Includes engineering; engineering technologies/technicians; mechanic and repair technologies/technicians; and construction trades.

<sup>4</sup>Includes agriculture, agricultural operations, and related sciences; natural resources and conservation; architecture and related services; communication, journalism, and related programs; communications technologies/technicians and support services; family and con-

sumer services/human sciences; legal professions and studies; library science; military technologies and applied sciences; parks, recreation, leisure, and fitness studies; homeland security, law enforcement, and firefighting; public administration and social service professions; transportation and materials moving; and not classified by field of study.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. This table includes only those jurisdictions with institutions that award bachelor's degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 369. Master's degrees conferred by degree-granting institutions, by field of study and state or jurisdiction: 2010–11**

State or jurisdiction	Total	Humanities <sup>1</sup>	Psychology	Social sciences and history	Natural sciences <sup>2</sup>	Computer sciences	Engineering <sup>3</sup>	Education	Business/management	Health professions and related programs	Other fields <sup>4</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>730,635</b>	<b>57,137</b>	<b>25,051</b>	<b>21,084</b>	<b>23,556</b>	<b>19,446</b>	<b>43,234</b>	<b>185,009</b>	<b>187,213</b>	<b>75,579</b>	<b>93,326</b>
Alabama .....	11,888	331	377	255	229	147	919	3,189	3,320	1,485	1,636
Alaska .....	693	53	31	13	32	1	61	272	100	30	100
Arizona .....	36,231	675	2,048	188	384	397	608	12,126	14,062	3,678	2,065
Arkansas .....	4,793	213	38	87	128	90	337	1,976	699	615	610
California .....	67,439	7,458	3,844	2,098	2,334	2,084	6,131	13,184	15,065	6,947	8,294
Colorado .....	14,246	791	632	483	377	553	1,016	2,770	5,080	845	1,699
Connecticut .....	9,131	846	284	269	496	186	689	2,275	2,049	1,038	999
Delaware .....	2,705	103	10	89	76	70	77	895	891	201	293
District of Columbia .....	10,078	1,177	98	1,313	477	210	483	894	1,980	861	2,585
Florida .....	31,766	1,444	971	668	928	488	2,144	5,728	10,640	4,005	4,750
Georgia .....	17,533	1,651	242	356	530	614	1,043	4,463	4,774	2,111	1,749
Hawaii .....	2,062	159	116	63	71	37	57	560	535	133	331
Idaho .....	1,790	128	16	38	99	11	181	511	243	206	357
Illinois .....	43,011	3,047	1,838	1,063	1,411	1,627	1,974	10,519	12,820	3,233	5,479
Indiana .....	14,337	1,318	306	325	479	237	940	2,789	4,471	1,596	1,876
Iowa .....	9,982	457	61	75	215	239	270	2,831	3,742	889	1,203
Kansas .....	7,227	578	148	198	147	105	462	2,188	1,656	575	1,170
Kentucky .....	8,350	618	433	163	204	69	393	2,976	1,187	1,071	1,236
Louisiana .....	7,017	549	130	169	402	155	375	1,457	1,572	1,214	994
Maine .....	1,766	118	17	16	52	9	36	778	243	270	227
Maryland .....	16,975	1,094	279	945	945	1,362	894	3,120	4,995	1,820	1,521
Massachusetts .....	33,905	3,194	960	1,437	985	898	1,866	8,030	8,779	3,168	4,588
Michigan .....	21,252	1,214	496	453	777	508	1,995	4,999	5,705	2,035	3,070
Minnesota .....	21,823	770	1,515	146	335	509	461	7,820	4,211	3,476	2,580
Mississippi .....	4,676	171	75	95	383	58	152	1,784	887	493	578
Missouri .....	20,697	1,240	733	591	436	357	849	4,777	7,526	2,037	2,151
Montana .....	1,201	106	20	60	70	19	63	374	102	110	277
Nebraska .....	4,684	272	93	171	189	125	125	1,620	1,099	481	509
Nevada .....	2,720	99	45	63	76	48	120	1,106	571	284	308
New Hampshire .....	3,666	143	45	89	65	91	198	1,046	1,270	406	313
New Jersey .....	14,427	1,329	394	316	631	572	1,464	3,488	3,187	1,261	1,785
New Mexico .....	3,266	279	44	125	152	59	275	951	677	430	274
New York .....	70,225	7,152	1,911	2,754	2,571	2,164	3,693	19,849	12,808	6,372	10,951
North Carolina .....	16,226	1,223	206	464	555	507	1,042	3,543	4,365	1,978	2,343
North Dakota .....	1,572	47	33	31	46	31	65	336	356	387	240
Ohio .....	22,636	1,835	782	557	829	289	1,409	6,168	5,602	2,425	2,740
Oklahoma .....	6,356	704	267	104	211	109	529	1,423	1,665	602	742
Oregon .....	7,326	749	215	136	248	81	328	2,745	1,431	694	699
Pennsylvania .....	36,016	2,799	1,249	876	1,163	1,195	2,152	9,851	7,426	4,660	4,645
Rhode Island .....	2,545	217	90	130	138	47	93	577	709	126	418
South Carolina .....	5,849	482	101	129	219	73	314	1,779	1,345	587	820
South Dakota .....	1,427	61	77	65	70	67	103	374	327	150	133
Tennessee .....	11,099	911	389	182	275	108	373	3,404	2,556	1,701	1,200
Texas .....	42,039	3,534	1,407	1,007	1,678	1,477	3,504	9,529	11,146	3,891	4,866
Utah .....	6,995	318	123	106	206	149	423	1,989	2,093	781	807
Vermont .....	2,377	595	67	466	28	89	50	380	304	79	319
Virginia .....	20,697	2,875	954	654	483	775	1,167	5,188	4,647	1,466	2,488
Washington .....	9,850	720	449	143	315	174	413	2,469	2,348	1,033	1,786
West Virginia .....	5,884	700	45	563	108	48	170	1,075	1,443	525	1,207
Wisconsin .....	9,695	530	341	261	259	125	676	2,744	2,463	1,080	1,216
Wyoming .....	482	60	6	36	39	3	70	90	41	38	99
U.S. Service Academies .....	2	0	0	0	0	0	2	0	0	0	0
<b>Other jurisdictions .....</b>	<b>5,820</b>	<b>177</b>	<b>341</b>	<b>33</b>	<b>105</b>	<b>73</b>	<b>245</b>	<b>1,536</b>	<b>2,011</b>	<b>639</b>	<b>660</b>
Guam .....	134	3	0	0	6	0	0	82	9	0	34
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	5,652	174	341	33	99	73	245	1,439	1,995	639	614
U.S. Virgin Islands .....	34	0	0	0	0	0	0	15	7	0	12

<sup>1</sup>Includes degrees in area, ethnic, cultural, and gender studies; English language and literature/letters; foreign languages, literatures, and linguistics; liberal arts and sciences, general studies and humanities; multi/interdisciplinary studies; philosophy and religious studies; theology and religious vocations; and visual and performing arts.

<sup>2</sup>Includes biological and biomedical sciences; physical sciences; science technologies/technicians; and mathematics and statistics.

<sup>3</sup>Includes engineering; engineering technologies/technicians; mechanic and repair technologies/technicians; and construction trades.

<sup>4</sup>Includes agriculture, agricultural operations, and related sciences; natural resources and conservation; architecture and related services; communication, journalism, and related programs; communications technologies/technicians and support services; family and con-

sumer services/human sciences; legal professions and studies; library science; military technologies and applied sciences; parks, recreation, leisure, and fitness studies; homeland security, law enforcement, and firefighting; public administration and social service professions; transportation and materials moving; and not classified by field of study.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. This table includes only those jurisdictions with institutions that award master's degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 370. Degrees conferred by degree-granting institutions, by level of degree and state or jurisdiction: 2008–09 through 2010–11**

State or jurisdiction	2008–09				2009–10				2010–11			
	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>	Associate's degrees	Bachelor's degrees	Master's degrees	Doctor's degrees <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>787,325</b>	<b>1,601,368</b>	<b>662,079</b>	<b>154,425</b>	<b>849,452</b>	<b>1,650,014</b>	<b>693,025</b>	<b>158,558</b>	<b>942,327</b>	<b>1,715,913</b>	<b>730,635</b>	<b>163,765</b>
Alabama .....	9,314	24,245	10,703	1,976	10,198	25,686	11,291	2,079	11,795	27,248	11,888	2,144
Alaska .....	999	1,626	604	37	1,182	1,619	681	45	1,523	1,770	693	46
Arizona .....	41,970	39,898	30,586	2,648	50,252	44,339	34,860	2,684	58,991	50,928	36,231	2,937
Arkansas .....	6,485	12,027	3,774	797	7,172	12,523	4,126	804	10,181	13,259	4,793	813
California .....	98,511	160,930	62,792	15,955	102,018	164,234	65,050	16,382	107,675	169,623	67,439	17,140
Colorado .....	14,548	28,833	12,902	2,119	14,552	28,546	13,054	2,205	16,145	29,540	14,246	2,170
Connecticut .....	5,538	18,950	9,233	1,651	5,523	19,483	8,639	1,834	6,079	19,735	9,131	1,808
Delaware .....	1,645	5,472	2,378	547	1,712	5,505	2,452	528	1,820	5,877	2,705	546
District of Columbia .....	1,135	10,957	10,916	3,512	447	8,927	9,285	3,394	555	8,402	10,078	3,458
Florida .....	70,883	80,275	28,383	8,454	79,644	83,471	29,726	9,107	86,254	86,281	31,766	9,297
Georgia .....	14,358	40,461	15,212	3,842	15,583	42,452	16,304	3,958	17,949	45,075	17,533	4,005
Hawaii .....	3,221	5,797	1,993	385	3,238	5,401	2,028	381	3,766	5,751	2,062	529
Idaho .....	3,359	9,066	1,591	322	3,490	9,466	1,680	306	3,919	9,171	1,790	321
Illinois .....	36,163	69,339	39,946	7,600	38,263	70,847	41,548	7,625	40,009	71,580	43,011	7,846
Indiana .....	15,005	39,583	13,059	3,262	16,727	41,687	13,673	3,250	18,603	43,519	14,337	3,386
Iowa .....	13,639	26,239	6,192	2,848	15,834	30,323	7,452	2,744	19,290	36,266	9,982	3,112
Kansas .....	7,842	17,521	6,309	1,321	8,424	17,835	6,722	1,388	9,501	18,191	7,227	1,476
Kentucky .....	10,813	19,996	7,647	1,532	11,707	20,389	7,976	1,591	13,029	21,078	8,350	1,812
Louisiana .....	5,419	21,425	6,223	2,225	5,849	20,893	6,641	2,381	7,236	21,509	7,017	2,236
Maine .....	2,636	6,909	1,747	326	2,718	7,088	1,829	348	3,309	7,347	1,766	367
Maryland .....	11,305	26,854	15,190	2,502	12,446	28,012	16,019	2,665	13,921	29,247	16,975	2,652
Massachusetts .....	11,360	50,106	30,404	7,433	12,396	52,223	32,136	7,485	12,900	53,749	33,905	7,637
Michigan .....	27,142	54,641	21,823	5,483	29,318	56,061	21,176	5,589	30,859	56,217	21,252	5,807
Minnesota .....	17,085	31,275	19,186	3,874	18,453	31,952	21,015	4,173	20,480	33,386	21,823	4,352
Mississippi .....	9,045	12,430	4,160	1,102	9,824	12,953	4,203	1,154	11,440	13,230	4,676	1,170
Missouri .....	14,703	38,370	19,576	4,323	15,802	39,670	19,403	4,651	18,534	41,648	20,697	4,656
Montana .....	1,630	5,252	1,167	280	1,745	5,232	1,140	309	2,058	5,512	1,201	357
Nebraska .....	4,763	12,575	4,460	1,371	4,860	12,596	4,364	1,392	5,351	13,510	4,684	1,371
Nevada .....	3,670	7,119	2,505	707	4,068	7,345	2,652	830	4,997	7,556	2,720	839
New Hampshire .....	2,912	8,879	3,328	412	2,933	9,396	3,458	459	3,062	9,479	3,666	448
New Jersey .....	17,513	34,625	13,668	2,984	19,268	36,025	14,146	3,011	21,124	37,087	14,427	3,101
New Mexico .....	5,058	7,875	3,203	560	5,234	7,774	3,057	544	6,552	8,179	3,266	583
New York .....	59,048	120,999	67,079	13,852	61,618	123,703	68,258	14,155	66,644	127,205	70,225	14,230
North Carolina .....	20,599	44,834	14,575	3,718	22,879	46,826	15,395	3,955	25,154	48,670	16,226	4,116
North Dakota .....	2,326	5,604	1,349	427	2,411	5,727	1,392	447	2,552	5,674	1,572	456
Ohio .....	27,965	60,048	21,519	5,850	29,332	61,085	22,187	5,828	33,479	63,882	22,636	6,033
Oklahoma .....	9,512	19,634	5,942	1,558	9,723	19,535	5,947	1,586	10,710	19,511	6,356	1,611
Oregon .....	8,164	17,918	6,386	1,810	9,129	18,873	6,779	1,849	10,945	19,542	7,326	1,849
Pennsylvania .....	27,045	84,692	32,004	9,237	27,517	87,162	33,902	9,135	29,241	88,205	36,016	9,316
Rhode Island .....	4,029	10,291	2,375	703	3,590	10,647	2,396	746	3,461	10,863	2,545	709
South Carolina .....	8,431	21,058	5,104	1,533	8,727	21,905	5,676	1,496	9,771	23,034	5,849	1,606
South Dakota .....	1,964	5,031	1,242	284	1,952	4,976	1,309	307	2,601	5,211	1,427	300
Tennessee .....	9,756	29,388	10,195	2,452	10,645	29,857	10,627	2,655	12,478	31,026	11,099	2,989
Texas .....	47,936	102,157	36,610	8,959	55,048	104,657	39,739	9,318	58,609	107,438	42,039	9,705
Utah .....	10,235	21,504	5,025	995	11,054	21,931	5,804	936	12,398	24,461	6,995	1,087
Vermont .....	1,198	5,788	2,178	380	1,266	5,888	2,244	381	1,223	6,100	2,377	388
Virginia .....	18,769	42,483	16,871	4,628	21,010	45,324	18,889	4,633	24,193	49,077	20,697	4,923
Washington .....	21,858	30,091	9,093	2,318	23,068	30,551	9,766	2,366	27,045	31,398	9,850	2,412
West Virginia .....	3,828	11,366	4,220	759	3,989	12,032	5,064	943	4,688	12,978	5,884	1,007
Wisconsin .....	12,208	33,651	9,016	2,372	12,752	34,110	9,476	2,347	15,012	35,279	9,695	2,418
Wyoming .....	2,785	1,765	428	200	2,862	1,791	388	179	3,216	1,860	482	188
U.S. Service Academies .....	0	3,516	8	0	0	3,481	1	0	0	3,549	2	0
<b>Other jurisdictions .....</b>	<b>5,954</b>	<b>17,660</b>	<b>6,228</b>	<b>1,350</b>	<b>6,982</b>	<b>18,213</b>	<b>5,503</b>	<b>1,342</b>	<b>7,690</b>	<b>18,316</b>	<b>5,820</b>	<b>1,421</b>
American Samoa .....	212	0	0	0	242	0	0	0	216	0	0	0
Federated States of Micronesia .....	191	0	0	0	222	0	0	0	267	0	0	0
Guam .....	50	306	92	0	185	338	121	0	119	375	134	0
Marshall Islands .....	72	0	0	0	49	0	0	0	68	0	0	0
Northern Marianas .....	57	28	0	0	60	19	0	0	105	14	0	0
Palau .....	40	0	0	0	46	0	0	0	26	0	0	0
Puerto Rico .....	5,255	17,116	6,096	1,350	6,104	17,604	5,327	1,342	6,814	17,698	5,652	1,421
U.S. Virgin Islands .....	77	210	40	0	74	252	55	0	75	229	34	0

<sup>1</sup>Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Includes most degrees formerly classified as first-professional, such as M.D., D.D.S., and law degrees.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2009 through Fall 2011, Completions component. (This table was prepared May 2012.)

**Table 371. Doctor's degrees conferred by the 60 institutions conferring the most doctor's degrees, by rank order: 2001–02 through 2010–11**

Institution	Rank order <sup>1</sup>	Total, 2001–02 to 2010–11	2001–02	2002–03	2003–04	2004–05	2005–06	2006–07	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States, all institutions.....</b>	<b>†</b>	<b>1,410,588</b>	<b>119,663</b>	<b>121,579</b>	<b>126,087</b>	<b>134,387</b>	<b>138,056</b>	<b>144,690</b>	<b>149,378</b>	<b>154,425</b>	<b>158,558</b>	<b>163,765</b>
<b>Total, 60 institutions conferring most doctorates..</b>	<b>†</b>	<b>552,758</b>	<b>48,615</b>	<b>49,697</b>	<b>51,351</b>	<b>53,382</b>	<b>54,656</b>	<b>57,170</b>	<b>58,223</b>	<b>59,098</b>	<b>59,559</b>	<b>61,007</b>
University of Florida.....	1	18,447	1,514	1,532	1,658	1,665	1,732	1,957	2,107	2,028	2,127	2,127
Nova Southeastern University.....	2	16,301	1,165	1,524	1,540	1,629	1,521	1,913	1,772	1,732	1,806	1,699
Ohio State University, Main Campus.....	3	15,012	1,392	1,314	1,342	1,432	1,549	1,501	1,611	1,617	1,596	1,658
University of Minnesota, Twin Cities.....	4	14,944	1,233	1,279	1,307	1,455	1,536	1,667	1,563	1,594	1,618	1,692
University of Michigan, Ann Arbor.....	5	14,468	1,284	1,260	1,365	1,406	1,514	1,496	1,483	1,576	1,534	1,550
University of Southern California.....	6	13,884	1,145	1,392	1,269	1,361	1,312	1,378	1,523	1,571	1,459	1,474
Harvard University.....	7	13,837	1,286	1,324	1,333	1,288	1,393	1,476	1,468	1,418	1,401	1,450
New York University.....	8	13,802	1,376	1,361	1,339	1,385	1,321	1,331	1,413	1,419	1,444	1,413
University of Texas at Austin.....	9	13,508	1,226	1,269	1,299	1,404	1,443	1,358	1,439	1,379	1,382	1,309
University of Wisconsin, Madison.....	10	13,353	1,257	1,274	1,213	1,314	1,261	1,425	1,407	1,430	1,355	1,417
University of California, Los Angeles.....	11	12,791	1,132	1,174	1,251	1,225	1,271	1,307	1,361	1,382	1,358	1,330
Columbia University in the City of New York.....	12	12,073	1,055	1,083	1,116	1,231	1,300	1,203	1,218	1,281	1,295	1,291
University of California, Berkeley.....	13	11,928	1,152	1,095	1,169	1,151	1,110	1,280	1,218	1,216	1,245	1,292
Temple University.....	14	11,437	1,014	985	1,141	1,119	1,205	1,194	1,220	1,169	1,144	1,246
University of Pennsylvania.....	15	11,216	970	1,027	1,032	1,170	1,162	1,136	1,105	1,190	1,212	1,212
University of North Carolina at Chapel Hill.....	16	11,001	979	1,084	1,026	1,069	1,098	1,113	1,204	1,101	1,155	1,172
University of Washington, Seattle Campus.....	17	10,914	928	962	991	1,003	1,124	1,130	1,125	1,176	1,224	1,251
Boston University.....	18	10,212	819	771	876	926	1,062	1,210	1,161	1,179	1,097	1,111
University of Illinois at Urbana-Champaign.....	19	10,026	919	918	882	971	998	1,018	1,067	1,081	1,066	1,106
University of Pittsburgh, Pittsburgh Campus.....	20	9,743	913	887	980	936	926	996	1,026	1,022	944	1,113
Stanford University.....	21	9,326	818	895	891	904	954	969	944	920	978	1,053
George Washington University.....	22	9,256	855	815	875	879	937	949	956	1,011	1,005	974
Georgetown University.....	23	9,152	867	915	934	890	844	923	926	967	950	936
University of Iowa.....	24	9,007	890	801	847	924	887	926	926	937	920	949
University at Buffalo.....	25	8,989	755	801	856	933	905	970	938	964	919	948
University of Tennessee.....	26	8,930	817	810	813	790	873	895	912	994	1,024	1,002
University of Virginia, Main Campus.....	27	8,638	826	817	851	826	840	852	925	907	861	933
University of Georgia.....	28	8,419	810	800	833	818	828	858	832	897	854	889
Northwestern University.....	29	8,345	740	765	761	798	837	878	876	872	891	927
University of California, Davis.....	30	8,321	710	750	770	791	812	876	900	894	891	927
University of Illinois at Chicago.....	31	8,188	678	701	748	789	807	862	873	851	965	914
Michigan State University.....	32	8,185	751	745	774	774	768	855	770	876	921	951
Purdue University, Main Campus.....	33	7,805	601	666	662	763	785	837	840	882	845	924
University of Maryland, Baltimore.....	34	7,736	692	667	787	750	813	767	775	757	835	875
University of Houston.....	35	7,662	721	687	697	824	772	778	809	786	757	831
University of Arizona.....	36	7,497	675	673	702	696	698	814	778	824	824	813
Cornell University <sup>2</sup> .....	37	7,329	642	665	678	740	754	752	752	785	779	782
Wayne State University.....	38	7,175	666	632	701	682	703	688	758	772	717	856
University of Miami.....	39	7,145	651	623	682	685	673	707	703	758	860	803
Thomas M. Cooley Law School.....	40	6,958	401	438	405	524	614	756	845	981	955	1,039
Indiana University-Purdue University, Indianapolis.....	41	6,856	638	622	640	655	669	719	720	687	751	755
University of the Pacific.....	42	6,841	609	631	642	733	684	691	708	681	713	749
Duke University.....	43	6,824	617	573	662	615	570	680	682	718	820	887
Indiana University, Bloomington.....	44	6,754	612	659	647	683	667	651	695	729	718	693
Texas A & M University, College Station.....	45	6,743	629	561	633	651	660	727	723	717	703	739
Case Western Reserve University.....	46	6,738	584	566	638	636	681	654	718	750	781	730
Washington University in St. Louis.....	47	6,734	491	566	599	641	678	727	730	760	737	805
University of Kansas.....	48	6,700	485	500	557	562	585	789	781	766	819	856
University of Chicago.....	49	6,657	633	635	624	638	695	653	704	682	682	711
University of Kentucky.....	50	6,645	559	571	605	670	634	653	717	719	734	783
Yale University.....	51	6,554	617	631	625	625	622	640	671	685	752	686
University of Medicine and Dentistry of New Jersey.....	52	6,525	520	587	642	609	623	621	662	715	759	787
Yeshiva University.....	53	6,413	608	587	621	659	627	635	649	657	680	690
University of South Carolina, Columbia.....	54	6,413	611	574	621	636	642	641	639	703	643	703
Pennsylvania State University, Main Campus.....	55	6,242	519	503	539	571	646	664	643	703	718	736
Florida State University.....	56	6,206	475	532	479	577	601	631	730	680	683	818
Creighton University.....	57	6,048	536	603	575	612	613	610	628	638	619	614
University of Connecticut.....	58	5,976	480	465	510	554	629	609	576	687	746	720
University of Missouri, Columbia.....	59	5,976	543	599	582	562	569	582	629	613	626	671
University of Cincinnati, Main Campus.....	60	5,953	524	551	514	573	619	592	689	594	662	635

†Not applicable.

<sup>1</sup>Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period ending June 30, 2011.<sup>2</sup>Includes degrees conferred by the Endowed and Statutory Colleges.

NOTE: Includes Ph.D., Ed.D., and comparable degrees at the doctoral level, as well as such degrees as M.D., D.D.S., and law degrees that were formerly classified as first-professional degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 through Fall 2011, Completions component. (This table was prepared July 2012.)

**Table 372. Percentage distribution of 1990 high school sophomores, by highest level of education completed through 2000 and selected student characteristics: 2000**

[Standard errors appear in parentheses]

Selected student characteristic			Less than high school completion	High school completion	Some post- secondary	Certificate	Associate's degree	Bachelor's or higher degree			
								Total	Bachelor's degree	Master's degree	Professional and doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	
<b>Total</b> .....	100.0	(†)	8.8 (0.73)	17.8 (0.73)	30.2 (0.90)	7.9 (0.44)	6.6 (0.37)	28.7 (0.89)	25.5 (0.81)	2.8 (0.23)	0.4 (0.06)
<b>Sex</b>											
Male .....	100.0	(†)	8.5 (1.02)	19.7 (1.06)	32.6 (1.27)	6.8 (0.60)	6.6 (0.56)	25.8 (1.16)	23.2 (1.08)	2.2 (0.31)	0.4 (0.09)
Female .....	100.0	(†)	9.1 (1.00)	15.9 (0.99)	27.9 (1.12)	8.9 (0.67)	6.6 (0.46)	31.5 (1.12)	27.8 (1.03)	3.3 (0.31)	0.4 (0.09)
<b>Race/ethnicity</b>											
White .....	100.0	(†)	6.8 (0.75)	17.8 (0.75)	27.6 (0.85)	7.2 (0.44)	7.2 (0.46)	33.3 (0.98)	29.4 (0.91)	3.5 (0.30)	0.5 (0.08)
Black .....	100.0	(†)	11.1 (2.14)	17.9 (2.29)	38.5 (3.51)	12.0 (1.91)	4.1 (0.66)	16.4 (1.68)	15.4 (1.64)	0.8 ! (0.25)	† (†)
Hispanic .....	100.0	(†)	16.3 (3.23)	18.5 (2.63)	37.8 (2.93)	8.5 (1.43)	7.3 (1.12)	11.6 (1.16)	10.7 (1.10)	0.8 (0.20)	† (†)
Asian/Pacific Islander .....	100.0	(†)	6.5 ! (3.14)	6.2 (1.33)	32.2 (4.09)	5.7 (1.62)	3.5 ! (1.37)	46.1 (4.63)	41.0 (4.45)	3.6 (0.91)	1.5 (0.41)
American Indian/Alaska Native .....	100.0	(†)	21.6 (3.81)	40.1 (8.24)	23.0 ! (7.29)	† (†)	3.0 ! (0.97)	5.9 ! (2.35)	5.3 ! (2.25)	† (†)	† (†)
<b>Socioeconomic status in 1990<sup>1</sup></b>											
Low quartile .....	100.0	(†)	19.9 (1.97)	31.7 (1.84)	25.4 (1.71)	10.6 (1.12)	5.4 (0.69)	6.9 (0.60)	6.5 (0.59)	0.3 (0.10)	# (†)
Middle two quartiles .....	100.0	(†)	6.1 (0.79)	17.0 (0.90)	34.4 (1.16)	8.2 (0.61)	8.5 (0.60)	25.7 (1.02)	23.6 (1.00)	1.9 (0.26)	0.2 (0.06)
High quartile .....	100.0	(†)	0.3 ! (0.10)	5.2 (0.81)	25.5 (1.47)	4.5 (0.79)	4.6 (0.56)	59.8 (1.58)	51.2 (1.48)	7.3 (0.68)	1.4 (0.23)
<b>Test score composite in 1990<sup>2</sup></b>											
Low quartile .....	100.0	(†)	19.3 (1.99)	31.8 (2.00)	28.1 (1.93)	11.2 (1.27)	4.9 (0.76)	4.7 (0.50)	4.5 (0.50)	0.2 ! (0.08)	† (†)
Middle two quartiles .....	100.0	(†)	4.9 (1.00)	17.0 (0.98)	34.4 (1.29)	8.9 (0.62)	9.2 (0.61)	25.5 (1.08)	23.6 (1.05)	1.8 (0.20)	0.1 ! (0.03)
High quartile .....	100.0	(†)	0.7 (0.09)	5.3 (0.72)	23.4 (1.23)	2.7 (0.59)	4.7 (0.57)	63.2 (1.44)	53.9 (1.43)	7.7 (0.75)	1.5 (0.24)
<b>Locus of control in 1990<sup>3</sup></b>											
Low quartile .....	100.0	(†)	13.6 (1.91)	26.2 (1.85)	29.9 (1.82)	7.6 (0.93)	6.4 (0.84)	16.2 (1.29)	14.9 (1.26)	1.2 (0.24)	† (†)
Middle two quartiles .....	100.0	(†)	6.8 (0.97)	15.6 (0.98)	30.6 (1.21)	8.0 (0.59)	7.2 (0.51)	31.8 (1.16)	28.5 (1.08)	2.7 (0.33)	0.5 (0.10)
High quartile .....	100.0	(†)	2.3 (0.60)	12.4 (1.24)	30.6 (1.73)	7.1 (1.05)	6.7 (0.76)	40.9 (1.74)	35.2 (1.60)	5.0 (0.62)	0.7 (0.17)
<b>Self-concept in 1990<sup>4</sup></b>											
Low quartile .....	100.0	(†)	8.7 (1.08)	20.6 (1.26)	31.9 (1.51)	7.1 (0.62)	6.9 (0.72)	24.8 (1.32)	22.2 (1.26)	2.5 (0.44)	0.2 ! (0.08)
Middle two quartiles .....	100.0	(†)	7.9 (1.20)	18.3 (1.16)	28.6 (1.12)	7.6 (0.59)	7.7 (0.58)	29.9 (1.19)	26.5 (1.12)	2.9 (0.30)	0.5 (0.10)
High quartile .....	100.0	(†)	5.3 (1.20)	13.3 (1.39)	32.4 (2.26)	8.3 (1.16)	5.2 (0.66)	35.5 (1.81)	31.4 (1.66)	3.4 (0.54)	0.7 (0.15)
<b>High school completion timing</b>											
Dropout (never completed) .....	100.0	(†)	100.0 (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
Early (before January 1992) .....	100.0	(†)	† <sup>5</sup> (†)	38.2 (5.06)	29.1 (3.87)	11.9 (2.68)	12.1 ! (4.28)	7.3 (1.78)	6.0 (1.43)	† (†)	† (†)
Normal (from January 1992 through August 1992) .....	100.0	(†)	# (†)	16.2 (0.80)	32.7 (0.99)	7.9 (0.47)	7.4 (0.41)	35.7 (1.00)	31.7 (0.92)	3.4 (0.28)	0.5 (0.08)
Late (after August 1992) .....	100.0	(†)	† (†)	42.0 (3.00)	39.2 (3.14)	13.0 (2.35)	4.0 (0.95)	1.9 (0.52)	1.9 (0.52)	† (†)	† (†)
<b>Control of school attended in 1992</b>											
Public .....	100.0	(†)	7.9 (0.70)	19.0 (0.78)	31.0 (1.00)	8.0 (0.48)	7.0 (0.40)	27.2 (0.91)	24.2 (0.83)	2.6 (0.24)	0.4 (0.07)
Private .....	100.0	(†)	3.3 ! (0.99)	3.2 (0.56)	25.3 (2.37)	4.2 (1.10)	4.1 (0.77)	60.0 (2.69)	52.4 (2.64)	6.5 (0.99)	1.1 (0.28)
<b>Postsecondary expectations in 1992</b>											
None .....	100.0	(†)	11.7 ! (5.67)	52.6 (5.00)	23.3 (4.45)	7.4 (1.43)	1.7 ! (0.60)	3.3 (0.79)	3.3 (0.79)	† (†)	† (†)
Some postsecondary .....	100.0	(†)	3.9 (1.14)	31.1 (1.82)	34.2 (1.89)	15.2 (1.26)	10.7 (0.98)	4.9 (0.71)	4.5 (0.69)	† (†)	† (†)
Bachelor's degree .....	100.0	(†)	† (†)	6.7 (0.71)	36.5 (1.47)	6.5 (0.92)	7.6 (0.62)	42.1 (1.48)	38.9 (1.42)	3.0 (0.44)	0.2 ! (0.08)
Master's degree .....	100.0	(†)	† (†)	5.9 (0.93)	26.6 (1.64)	3.0 (0.51)	6.1 (1.01)	58.2 (1.87)	50.8 (1.86)	6.7 (0.67)	0.8 (0.23)
First-professional or doctor's degree .....	100.0	(†)	0.9 ! (0.42)	2.2 (0.44)	28.2 (2.51)	4.7 (0.91)	5.6 (0.96)	58.4 (2.44)	48.4 (2.29)	7.8 (1.19)	2.2 (0.40)
<b>Type of start in postsecondary education</b>											
Fall 1992 full-time 4-year .....	100.0	(†)	† (†)	0.6 (0.13)	22.7 (1.11)	2.2 (0.30)	3.7 (0.43)	70.7 (1.20)	61.4 (1.22)	8.0 (0.64)	1.3 (0.19)
Fall 1992 full-time public 2-year .....	100.0	(†)	† (†)	2.1 (0.60)	41.7 (2.34)	13.4 (1.61)	19.3 (1.54)	23.4 (1.79)	22.1 (1.75)	1.2 (0.36)	† (†)
Fall 1992 part-time 4-year .....	100.0	(†)	† (†)	† (†)	57.1 (7.33)	† (†)	† (†)	31.9 (6.33)	29.5 (6.17)	† (†)	† (†)
Fall 1992 part-time public 2-year .....	100.0	(†)	† (†)	† (†)	57.6 (4.97)	15.1 (3.78)	9.7 (2.47)	12.2 (3.16)	12.0 (3.15)	† (†)	† (†)
Other enrollment .....	100.0	(†)	† (†)	12.4 (3.60)	35.3 (4.82)	15.3 ! (4.64)	8.2 (1.67)	26.5 (4.43)	24.6 (4.39)	1.6 ! (0.62)	† (†)
Never enrolled .....	100.0	(†)	18.0 (1.39)	35.4 (1.34)	28.8 (1.37)	8.8 (0.66)	4.5 (0.48)	4.5 (0.47)	4.3 (0.46)	0.1 ! (0.06)	† (†)
<b>Parents' educational attainment in 1990</b>											
No high school diploma .....	100.0	(†)	25.9 (3.46)	26.7 (2.51)	26.8 (2.81)	11.0 (1.77)	3.7 (0.64)	5.9 (0.99)	5.5 (0.97)	0.4 ! (0.17)	† (†)
High school graduate .....	100.0	(†)	12.7 (1.75)	30.6 (2.12)	26.1 (1.60)	8.3 (0.83)	9.0 (1.10)	13.3 (1.01)	12.1 (1.01)	1.0 (0.20)	0.1 ! (0.06)
Vocational/some college .....	100.0	(†)	4.6 (0.53)	17.3 (0.94)	35.1 (1.20)	9.1 (0.81)	8.1 (0.60)	25.7 (1.09)	23.7 (1.08)	1.9 (0.24)	0.2 ! (0.06)
Bachelor's degree .....	100.0	(†)	2.9 ! (1.35)	7.4 (1.24)	29.7 (2.15)	5.6 (0.91)	5.1 (0.64)	49.4 (2.10)	43.6 (2.02)	5.0 (0.74)	0.7 ! (0.22)
Master's degree .....	100.0	(†)	† (†)	2.5 (0.74)	23.3 (2.49)	4.6 (1.18)	3.4 (0.62)	65.4 (2.50)	55.3 (2.46)	8.6 (1.39)	1.5 (0.39)
First-professional or doctor's degree .....	100.0	(†)	† (†)	1.8 ! (0.70)	18.3 (4.50)	† (†)	4.1 ! (2.00)	73.3 (4.66)	61.1 (4.47)	9.3 (2.24)	2.9 (0.78)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Socioeconomic status (SES) was measured by a composite score on parental education and occupations, and family income.<sup>2</sup>Standardized quartile of composite of student assessments in mathematics and reading.<sup>3</sup>Locus of control measures whether students attribute the events that happened to them, such as performing well on a test, to being under their own control (i.e., internal locus of control) or to being under the control of others or the environment (external locus of control).

Higher scores (highest quartile) means greater internal control and lower scores (lowest quartile) means greater external control.

<sup>4</sup>Self-concept measures the degree to which students like and feel positively about themselves and perceive themselves as a person of worth. The NELS:88 variable is the general self-concept scale from Herbert Marsh's Self-Description Questionnaire (SDQ) II (Marsh 1990).<sup>5</sup>These students' responses to the educational attainment question were not consistent with their transcript data.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Study of 1988 (NELS:88/2000), "Fourth Follow-up, Student Survey, 2000." (This table was prepared December 2005.)





**Table 374. Institutions' acceptance rates; number of applications, admissions, and enrollees; and enrollees' SAT and ACT scores, by control and level of institution: 2011–12**

Acceptance rates, applications, admissions, enrollees, and SAT and ACT scores	All institutions			Public institutions			Private institutions								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Nonprofit			For-profit		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of undergraduate institutions reporting application data <sup>1</sup> .....	4,263	2,543	1,720	1,606	640	966	2,657	1,903	754	1,330	1,236	94	1,327	667	660
Percentage distribution of institutions by their acceptance of applications	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria .....	50.4	25.0	88.0	65.5	17.5	97.3	41.3	27.6	76.0	16.3	13.8	50.0	66.4	53.2	79.7
90 percent or more accepted .....	6.5	8.0	4.3	3.2	6.9	0.8	8.5	8.4	8.8	8.3	8.4	6.4	8.7	8.4	9.1
75.0 to 89.9 percent accepted .....	11.4	16.9	3.2	8.8	21.1	0.6	12.9	15.4	6.5	16.2	16.7	10.6	9.6	13.2	5.9
50.0 to 74.9 percent accepted .....	22.1	34.7	3.5	15.5	37.7	0.8	26.1	33.7	6.9	41.2	42.5	24.5	11.0	17.5	4.4
25.0 to 49.9 percent accepted .....	8.0	12.9	0.7	6.1	14.8	0.3	9.1	12.2	1.2	14.1	14.8	4.3	4.1	7.5	0.8
10.0 to 24.9 percent accepted .....	1.2	2.0	0.2	0.8	1.9	0.1	1.5	2.0	0.3	2.9	3.1	1.1	0.1	0.0	0.2
Less than 10 percent accepted .....	0.4	0.5	0.2	0.1	0.2	0.0	0.5	0.6	0.4	1.0	0.8	3.2	0.1	0.1	0.0
Number of applications (in thousands) .....	8,576	8,456	121	4,638	4,574	64	3,939	3,882	57	3,737	3,722	15	201	159	42
Percentage distribution of applications by institutions' acceptance of applications .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria .....	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted .....	3.0	2.5	37.3	3.5	2.9	44.4	2.5	2.1	29.3	1.3	1.3	1.4	24.9	21.1	39.4
75.0 to 89.9 percent accepted .....	15.6	15.6	16.8	18.7	18.8	9.3	11.9	11.7	25.3	11.1	11.1	15.5	27.2	26.7	28.9
50.0 to 74.9 percent accepted .....	43.2	43.3	35.3	44.8	45.0	32.9	41.2	41.3	38.1	41.8	41.7	65.9	29.9	30.4	27.9
25.0 to 49.9 percent accepted .....	28.3	28.6	10.1	29.5	29.7	13.3	27.0	27.3	6.5	27.4	27.5	14.3	18.0	21.8	3.7
10.0 to 24.9 percent accepted .....	7.3	7.4	0.1	3.2	3.2	0.1	12.2	12.3	0.1	12.8	12.9	0.3	#	0.0	#
Less than 10 percent accepted .....	2.6	2.7	0.3	0.4	0.4	0.0	5.3	5.3	0.7	5.5	5.5	2.6	0.0	0.0	0.0
Number of admissions (in thousands) .....	4,763	4,669	93	2,754	2,704	50	2,008	1,965	44	1,863	1,853	9	146	112	34
Percentage distribution of admissions by institutions' acceptance of applications .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria .....	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted .....	5.2	4.3	47.7	5.6	4.7	56.8	4.6	3.9	37.3	2.4	2.4	2.2	32.9	28.6	47.1
75.0 to 89.9 percent accepted .....	22.7	22.8	18.1	25.6	25.9	10.1	18.8	18.6	27.2	17.9	17.8	19.9	30.2	30.5	29.3
50.0 to 74.9 percent accepted .....	49.2	49.6	29.2	47.9	48.3	26.8	50.8	51.3	31.9	52.7	52.7	67.9	26.6	28.1	21.8
25.0 to 49.9 percent accepted .....	20.1	20.4	4.9	19.8	20.0	6.2	20.5	20.9	3.5	21.3	21.4	9.6	10.3	12.8	1.8
10.0 to 24.9 percent accepted .....	2.5	2.5	#	1.0	1.0	#	4.5	4.6	#	4.8	4.8	0.1	#	0.0	#
Less than 10 percent accepted .....	0.4	0.4	#	0.1	0.1	0.0	0.8	0.8	0.1	0.9	0.9	0.3	0.0	0.0	0.0
Number of enrollees (in thousands) .....	1,568	1,508	60	991	959	31	577	548	28	489	483	6	88	65	23
Percentage distribution of enrollees by institutions' acceptance of applications .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
No application criteria .....	†	†	†	†	†	†	†	†	†	†	†	†	†	†	†
90 percent or more accepted .....	7.6	6.2	45.2	7.3	5.9	52.0	8.2	6.7	37.7	3.3	3.4	2.6	35.3	31.4	46.4
75.0 to 89.9 percent accepted .....	23.4	23.6	18.3	25.7	26.1	13.2	19.5	19.3	24.0	17.9	17.9	18.0	28.6	29.7	25.5
50.0 to 74.9 percent accepted .....	46.9	47.5	31.4	48.1	48.7	28.4	44.8	45.3	34.7	48.4	48.2	70.4	24.6	24.2	25.9
25.0 to 49.9 percent accepted .....	18.2	18.7	5.0	17.4	17.8	6.4	19.5	20.4	3.5	21.0	21.1	8.4	11.5	14.7	2.3
10.0 to 24.9 percent accepted .....	3.1	3.2	#	1.4	1.4	#	6.1	6.4	#	7.2	7.2	0.1	#	0.0	#
Less than 10 percent accepted .....	0.8	0.8	#	0.1	0.1	0.0	1.8	1.9	0.1	2.2	2.2	0.5	0.0	0.0	0.0
SAT scores of enrollees															
Critical reading, 25th percentile <sup>2</sup> .....	469	470	405	457	459	414	476	477	394	477	478	385	439	436	†
Critical reading, 75th percentile <sup>2</sup> .....	580	581	507	564	566	515	589	590	495	590	591	484	562	560	†
Mathematics, 25th percentile <sup>2</sup> .....	478	479	413	472	473	416	482	483	408	483	483	407	444	446	†
Mathematics, 75th percentile <sup>2</sup> .....	586	587	508	579	580	516	591	592	496	591	592	484	560	558	†
ACT scores of enrollees															
Composite, 25th percentile <sup>2</sup> .....	20.3	20.4	16.7	19.5	19.7	16.3	20.8	20.8	17.6	20.8	20.9	17.6	18.1	18.1	†
Composite, 75th percentile <sup>2</sup> .....	25.3	25.4	21.1	24.5	24.6	21.2	25.9	25.9	20.9	25.9	25.9	20.9	24.5	24.5	†
English, 25th percentile <sup>2</sup> .....	19.4	19.5	15.6	18.5	18.6	15.2	20.0	20.0	16.3	20.0	20.1	16.3	17.8	17.8	†
English, 75th percentile <sup>2</sup> .....	25.6	25.8	21.2	24.6	24.7	21.8	26.3	26.4	20.1	26.3	26.4	20.1	25.4	25.4	†
Mathematics, 25th percentile <sup>2</sup> .....	19.3	19.4	16.6	18.8	18.9	16.2	19.7	19.7	17.3	19.7	19.7	17.3	17.8	17.8	†
Mathematics, 75th percentile <sup>2</sup> .....	25.0	25.1	20.9	24.4	24.6	20.8	25.4	25.5	20.9	25.5	25.5	20.9	24.2	24.2	†

†Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases).

<sup>1</sup>Excludes institutions not enrolling first-time degree/certificate-seeking undergraduates. The total on this table differs slightly from other counts of undergraduate institutions because approximately 0.5 percent of undergraduate institutions did not report application information.

<sup>2</sup>Data are only for institutions that require test scores for admission. Relatively few 2-year institutions require test scores for admission. The SAT Critical reading and Mathematics scales range from 200 to 800. The ACT Composite, English, and Mathematics scales range from 1 to 36.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2011, Institutional Characteristics component. (This table was prepared September 2012.)

**Table 375. Percentage of degree-granting institutions offering remedial services, by control and level of institution: 1989–90 through 2011–12**

Year	Public and private			Public			Private								
							Total			Nonprofit			For-profit		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1989–90.....	76.6	69.6	87.2	92.4	82.9	98.2	64.1	64.5	63.0	65.0	64.2	71.8	59.5	71.7	57.0
1990–91.....	77.7	70.6	88.4	93.0	83.5	98.9	65.6	65.6	65.5	65.6	64.9	71.3	65.6	81.3	62.0
1991–92.....	78.6	71.4	89.2	93.9	84.5	99.6	66.3	66.4	65.8	66.2	65.8	69.9	66.6	79.2	63.2
1992–93.....	78.5	71.5	88.8	93.5	84.5	98.8	66.4	66.5	65.8	66.7	66.2	71.5	64.6	73.7	62.0
1993–94.....	79.0	72.2	89.5	93.5	84.6	98.7	67.4	67.5	67.0	67.7	67.0	73.5	65.6	76.3	62.1
1994–95.....	79.8	73.6	89.1	93.7	85.3	98.6	68.6	69.2	66.6	69.3	68.7	74.0	65.2	76.0	60.8
1995–96.....	79.5	73.0	89.4	93.7	85.4	98.6	68.0	68.4	66.3	68.9	68.3	73.3	63.5	69.2	60.5
1996–97.....	80.0	73.1	91.0	94.0	85.1	99.2	68.6	68.6	68.4	69.2	68.3	77.3	65.2	72.7	60.8
1997–98.....	76.7	72.5	82.2	93.8	85.2	98.7	64.2	67.8	55.1	69.0	68.3	75.4	51.7	63.9	47.5
1998–99.....	76.1	72.0	81.5	93.6	84.2	99.0	63.6	67.7	52.8	68.6	68.3	71.6	51.1	63.4	46.2
1999–2000.....	76.1	71.6	82.2	93.5	83.6	99.2	63.9	67.4	54.4	69.2	68.5	76.7	51.5	60.1	47.7
2000–01.....	75.1	71.4	80.4	93.1	81.7	99.7	62.8	67.9	48.8	67.6	67.0	73.6	52.7	72.9	41.8
2001–02.....	73.3	69.0	79.5	92.3	79.9	99.4	60.2	65.3	45.0	66.1	65.5	72.6	48.0	64.5	37.3
2002–03.....	72.5	67.6	79.5	91.7	78.4	99.4	59.0	63.9	44.8	65.4	64.7	74.0	45.6	59.6	37.2
2003–04.....	72.1	67.1	79.7	91.3	77.3	99.5	59.0	63.7	44.8	65.0	64.0	77.1	47.4	62.0	37.3
2004–05.....	72.6	67.4	80.3	90.6	75.6	99.6	60.4	64.7	47.4	63.1	62.5	71.4	55.4	73.7	42.2
2005–06.....	72.2	66.9	80.2	90.2	75.2	99.3	60.4	64.2	48.8	62.2	61.3	74.3	57.2	75.0	43.4
2006–07.....	72.8	67.5	80.9	90.4	75.6	99.5	61.4	64.9	50.6	62.2	61.3	74.8	60.1	77.0	45.8
2007–08.....	72.4	67.2	80.9	89.7	74.1	99.5	61.6	64.9	51.0	61.4	60.6	73.9	61.8	78.4	47.2
2008–09.....	72.6	67.9	80.2	89.9	74.5	99.6	62.1	65.8	50.5	61.4	60.8	70.7	63.1	80.4	47.2
2009–10.....	72.7	68.3	79.7	89.8	75.3	99.6	62.5	66.1	52.1	61.2	60.6	72.9	64.3	81.2	49.4
2010–11.....	72.0	69.2	76.7	89.6	75.5	99.4	62.1	67.2	47.3	61.2	60.6	71.3	63.3	82.9	44.1
2011–12.....	70.4	67.1	75.9	89.6	75.7	99.5	60.0	64.6	46.3	60.2	60.3	59.0	59.8	73.8	44.4
Change in percentage points															
1991–92 to 2001–02.....	-5.3	-2.4	-9.7	-1.6	-4.5	-0.2	-6.1	-1.1	-20.9	-0.2	-0.3	2.7	-18.5	-14.7	-25.9
2001–02 to 2011–12.....	-2.9	-1.8	-3.6	-2.7	-4.3	#	-0.2	-0.7	1.3	-5.9	-5.2	-13.6	11.7	9.3	7.1

#Rounds to zero.

NOTE: Remedial services are instructional activities designed for students deficient in the general competencies necessary for a regular postsecondary curriculum and educational setting. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics Survey" (IPEDS-IC:89–99); and Fall 2000 through Fall 2011, Institutional Characteristics component. (This table was prepared July 2012.)

**Table 376. Percentage of first-time, full-time bachelor's degree-seeking students at 4-year institutions who completed a bachelor's degree, by race/ethnicity, time to completion, sex, and control of institution: Selected cohort entry years, 1996 through 2005**

Time to completion, sex, control of institution, and cohort entry year	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Completing within 4 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort .....	33.7	36.3	19.5	22.8	37.5	—	—	18.8	—	41.7
2000 starting cohort .....	36.1	38.9	21.3	25.9	41.0	—	—	21.0	—	41.9
2002 starting cohort .....	36.4	39.3	20.4	26.4	42.8	—	—	20.5	—	38.7
2003 starting cohort .....	36.7	40.0	19.9	26.5	43.8	—	—	20.4	—	37.3
2004 starting cohort .....	37.9	41.1	20.4	27.9	45.0	—	—	21.8	—	43.7
2005 starting cohort .....	38.6	41.9	20.8	28.6	45.1	45.5	22.7	22.5	44.1	44.0
<b>Public institutions</b>										
1996 starting cohort .....	26.0	28.3	15.0	15.8	28.5	—	—	14.5	—	30.9
2000 starting cohort .....	29.0	31.4	17.9	18.9	33.7	—	—	16.4	—	32.7
2002 starting cohort .....	29.9	32.3	16.9	20.1	35.8	—	—	16.0	—	33.4
2003 starting cohort .....	30.7	33.4	16.5	20.6	37.5	—	—	17.0	—	33.7
2004 starting cohort .....	31.3	34.2	16.4	21.5	37.9	—	—	17.2	—	34.4
2005 starting cohort .....	32.0	35.2	16.6	22.5	38.8	39.1	16.9	17.9	28.8	33.5
<b>Nonprofit institutions</b>										
1996 starting cohort .....	48.6	51.3	29.3	39.9	57.9	—	—	33.7	—	50.4
2000 starting cohort .....	50.3	53.5	28.2	42.9	58.8	—	—	36.0	—	50.3
2002 starting cohort .....	51.0	54.0	29.4	44.1	61.0	—	—	36.6	—	54.8
2003 starting cohort .....	51.5	54.6	29.7	43.9	61.4	—	—	34.3	—	55.1
2004 starting cohort .....	52.4	55.3	30.5	46.1	62.8	—	—	39.0	—	57.4
2005 starting cohort .....	51.9	55.0	29.1	44.9	62.0	62.5	35.1	35.1	59.7	57.3
<b>For-profit institutions</b>										
1996 starting cohort .....	21.8	26.3	14.8	20.1	24.6	—	—	16.5	—	33.8
2000 starting cohort .....	25.7	30.3	22.5	27.4	42.7	—	—	28.0	—	36.5
2002 starting cohort .....	14.2	17.5	10.0	19.1	29.4	—	—	11.2	—	3.4
2003 starting cohort .....	12.7	16.0	8.9	17.9	24.1	—	—	6.8	—	3.6
2004 starting cohort .....	20.4	27.0	13.2	20.6	31.5	—	—	9.3	—	10.5
2005 starting cohort .....	35.7	39.3	28.3	27.9	41.1	43.3	20.0	33.8	24.4	15.4
<b>Completing within 4 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort .....	28.5	30.6	13.9	19.0	32.2	—	—	15.1	—	38.6
2000 starting cohort .....	31.1	33.4	15.5	21.8	35.7	—	—	17.1	—	39.3
2002 starting cohort .....	31.3	33.8	14.7	21.8	37.4	—	—	17.2	—	36.6
2003 starting cohort .....	31.9	34.6	14.6	22.3	38.9	—	—	17.5	—	36.1
2004 starting cohort .....	32.9	35.6	15.0	23.2	39.9	—	—	18.9	—	39.7
2005 starting cohort .....	34.1	36.6	16.3	24.8	40.0	40.3	20.8	20.1	40.1	40.2
<b>Public institutions</b>										
1996 starting cohort .....	20.8	22.6	9.9	12.5	23.4	—	—	10.9	—	28.6
2000 starting cohort .....	23.6	25.5	11.7	14.5	27.8	—	—	11.9	—	30.2
2002 starting cohort .....	24.5	26.6	11.0	15.8	30.4	—	—	12.7	—	30.3
2003 starting cohort .....	25.6	27.8	10.9	16.4	32.5	—	—	14.1	—	30.6
2004 starting cohort .....	26.1	28.4	11.2	16.9	32.8	—	—	14.5	—	30.1
2005 starting cohort .....	27.1	29.7	11.5	18.4	33.5	33.8	14.0	15.0	26.5	29.9
<b>Nonprofit institutions</b>										
1996 starting cohort .....	43.6	46.2	22.1	35.0	53.5	—	—	28.9	—	47.0
2000 starting cohort .....	46.0	48.9	22.3	38.2	56.1	—	—	33.2	—	48.0
2002 starting cohort .....	46.3	49.1	22.9	38.8	57.6	—	—	32.1	—	50.6
2003 starting cohort .....	46.9	49.7	23.1	39.8	58.4	—	—	30.6	—	51.1
2004 starting cohort .....	47.7	50.5	23.2	41.1	59.1	—	—	35.4	—	53.2
2005 starting cohort .....	47.2	50.2	22.5	40.4	58.4	58.9	29.9	30.7	55.5	52.6
<b>For-profit institutions</b>										
1996 starting cohort .....	22.3	25.5	16.1	23.0	27.7	—	—	25.6	—	33.1
2000 starting cohort .....	30.1	34.3	23.7	30.9	44.5	—	—	28.7	—	36.7
2002 starting cohort .....	17.0	20.9	11.8	20.1	33.3	—	—	17.6	—	4.0
2003 starting cohort .....	15.3	18.9	10.6	19.4	27.0	—	—	9.4	—	4.8
2004 starting cohort .....	23.3	30.2	14.8	21.6	36.6	—	—	12.3	—	10.7
2005 starting cohort .....	42.5	45.2	36.5	32.8	43.0	44.1	31.0	47.9	24.4	16.7
<b>Completing within 4 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort .....	38.0	41.1	23.2	25.8	42.2	—	—	21.7	—	45.8
2000 starting cohort .....	40.2	43.5	25.2	29.0	45.7	—	—	24.0	—	45.3
2002 starting cohort .....	40.5	43.9	24.3	29.9	47.4	—	—	23.0	—	41.0
2003 starting cohort .....	40.6	44.4	23.6	29.5	48.0	—	—	22.5	—	38.4
2004 starting cohort .....	42.1	45.8	24.1	31.3	49.4	—	—	23.9	—	48.1
2005 starting cohort .....	42.3	46.3	23.9	31.4	49.6	50.1	24.2	24.4	47.3	48.4
<b>Public institutions</b>										
1996 starting cohort .....	30.3	33.3	18.3	18.4	33.2	—	—	17.3	—	34.1
2000 starting cohort .....	33.5	36.3	22.0	22.2	39.1	—	—	19.9	—	36.2
2002 starting cohort .....	34.3	37.2	20.9	23.4	40.8	—	—	18.5	—	37.0
2003 starting cohort .....	34.9	38.2	20.2	23.8	42.0	—	—	19.2	—	37.1
2004 starting cohort .....	35.7	39.2	19.8	24.9	42.6	—	—	19.3	—	39.6
2005 starting cohort .....	36.2	40.0	20.0	25.5	43.5	43.9	19.0	20.2	30.8	37.7

See notes at end of table.

**Table 376. Percentage of first-time, full-time bachelor's degree-seeking students at 4-year institutions who completed a bachelor's degree, by race/ethnicity, time to completion, sex, and control of institution: Selected cohort entry years, 1996 through 2005—Continued**

Time to completion, sex, control of institution, and cohort entry year	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Nonprofit institutions</b>										
1996 starting cohort.....	52.6	55.5	34.2	43.5	61.6	—	—	37.5	—	54.4
2000 starting cohort.....	53.7	57.3	32.3	46.2	60.9	—	—	38.1	—	53.2
2002 starting cohort.....	54.7	57.8	34.0	47.8	63.6	—	—	39.9	—	59.2
2003 starting cohort.....	55.1	58.4	34.3	46.6	63.6	—	—	36.9	—	59.5
2004 starting cohort.....	56.2	59.1	35.8	49.5	65.6	—	—	41.5	—	61.9
2005 starting cohort.....	55.6	58.9	33.9	47.9	64.7	65.2	38.6	38.4	62.9	62.6
<b>For-profit institutions</b>										
1996 starting cohort.....	21.1	27.5	13.7	16.1	20.3	—	—	9.6	—	34.6
2000 starting cohort.....	20.7	24.5	21.4	23.1	39.3	—	—	27.2	—	36.3
2002 starting cohort.....	11.6	14.0	8.7	18.1	23.9	—	—	6.0	—	3.1
2003 starting cohort.....	10.6	13.6	7.9	16.6	21.2	—	—	5.2	—	2.9
2004 starting cohort.....	17.7	23.6	12.2	19.7	25.3	—	—	7.2	—	10.4
2005 starting cohort.....	28.2	31.8	21.6	23.1	38.1	42.0	5.9	21.6	24.5	14.4
<b>Completing within 5 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	50.2	53.3	33.3	38.9	56.4	—	—	33.3	—	54.3
2000 starting cohort.....	52.6	55.7	36.0	42.4	60.1	—	—	35.1	—	55.2
2002 starting cohort.....	52.3	55.7	34.3	42.5	61.0	—	—	33.8	—	50.6
2003 starting cohort.....	52.8	56.6	33.8	42.7	62.0	—	—	33.4	—	49.5
2004 starting cohort.....	53.9	57.5	34.2	44.0	62.9	—	—	34.7	—	57.2
2005 starting cohort.....	54.3	58.0	34.7	44.7	63.1	63.5	40.8	35.3	58.6	58.0
<b>Public institutions</b>										
1996 starting cohort.....	45.9	49.0	30.5	34.1	51.3	—	—	30.0	—	46.5
2000 starting cohort.....	49.1	51.9	34.6	38.0	56.8	—	—	31.9	—	49.8
2002 starting cohort.....	49.2	52.2	32.9	38.8	57.7	—	—	30.8	—	50.4
2003 starting cohort.....	50.2	53.5	32.3	39.4	59.0	—	—	31.6	—	51.2
2004 starting cohort.....	50.6	54.0	32.0	40.2	59.3	—	—	31.7	—	51.9
2005 starting cohort.....	51.1	54.7	32.4	41.3	59.9	60.2	38.9	32.5	47.8	51.3
<b>Nonprofit institutions</b>										
1996 starting cohort.....	59.2	61.8	40.2	51.4	68.7	—	—	45.2	—	60.4
2000 starting cohort.....	60.8	63.8	39.9	55.1	70.0	—	—	46.9	—	60.4
2002 starting cohort.....	61.3	64.2	40.2	55.7	71.1	—	—	46.7	—	64.7
2003 starting cohort.....	62.1	65.1	41.1	56.0	71.9	—	—	44.3	—	65.4
2004 starting cohort.....	62.9	65.6	41.7	57.7	73.1	—	—	47.9	—	67.8
2005 starting cohort.....	62.3	65.3	40.4	56.4	72.8	73.2	49.4	43.9	71.3	67.8
<b>For-profit institutions</b>										
1996 starting cohort.....	25.4	30.1	17.8	23.1	27.3	—	—	19.8	—	51.6
2000 starting cohort.....	30.0	34.8	28.0	31.3	45.1	—	—	29.4	—	44.0
2002 starting cohort.....	17.2	20.7	12.5	22.7	32.0	—	—	12.6	—	6.0
2003 starting cohort.....	17.7	21.4	13.8	22.7	28.7	—	—	9.8	—	7.9
2004 starting cohort.....	25.8	32.6	19.0	25.7	36.5	—	—	15.5	—	17.6
2005 starting cohort.....	39.8	43.7	32.0	33.3	46.3	48.3	27.1	37.2	27.1	24.1
<b>Completing within 5 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	46.2	49.2	27.0	34.4	51.8	—	—	31.2	—	51.5
2000 starting cohort.....	49.0	52.0	29.9	37.8	56.5	—	—	31.6	—	53.0
2002 starting cohort.....	48.7	52.1	28.2	37.5	57.4	—	—	30.9	—	49.3
2003 starting cohort.....	49.6	53.3	28.3	38.4	58.5	—	—	30.8	—	48.8
2004 starting cohort.....	50.5	54.0	28.6	39.2	59.3	—	—	31.9	—	53.5
2005 starting cohort.....	51.3	54.8	29.9	41.1	59.4	59.7	39.5	34.2	55.5	54.2
<b>Public institutions</b>										
1996 starting cohort.....	41.6	44.6	24.0	29.4	46.4	—	—	27.7	—	44.1
2000 starting cohort.....	44.8	47.6	27.4	32.6	52.1	—	—	27.7	—	47.2
2002 starting cohort.....	45.3	48.3	26.0	33.7	53.7	—	—	27.5	—	47.0
2003 starting cohort.....	46.6	49.9	26.3	34.6	55.1	—	—	28.6	—	48.0
2004 starting cohort.....	46.8	50.2	26.0	35.1	55.3	—	—	28.6	—	47.2
2005 starting cohort.....	47.8	51.3	26.7	37.1	56.0	56.3	36.9	31.2	44.9	46.9
<b>Nonprofit institutions</b>										
1996 starting cohort.....	55.8	58.5	34.0	47.4	65.9	—	—	42.9	—	57.7
2000 starting cohort.....	58.5	61.3	35.1	51.7	69.9	—	—	45.9	—	58.9
2002 starting cohort.....	58.5	61.5	34.7	51.4	70.0	—	—	44.0	—	61.9
2003 starting cohort.....	59.3	62.3	35.0	53.1	70.6	—	—	41.5	—	62.1
2004 starting cohort.....	60.0	62.8	35.5	53.9	71.1	—	—	45.9	—	64.4
2005 starting cohort.....	59.2	62.2	34.6	53.2	70.2	70.7	45.2	40.3	69.1	63.8
<b>For-profit institutions</b>										
1996 starting cohort.....	25.6	29.2	18.1	25.4	29.9	—	—	30.8	—	51.0
2000 starting cohort.....	33.6	38.1	27.6	34.4	46.4	—	—	28.7	—	43.1
2002 starting cohort.....	19.9	24.1	14.3	23.6	35.4	—	—	18.5	—	6.3
2003 starting cohort.....	20.0	24.1	14.5	23.4	30.7	—	—	13.3	—	7.8
2004 starting cohort.....	27.6	34.8	18.9	26.0	41.5	—	—	15.1	—	16.8
2005 starting cohort.....	45.9	49.0	39.4	37.0	47.6	48.4	39.1	51.2	27.7	24.9

See notes at end of table.

**Table 376. Percentage of first-time, full-time bachelor's degree-seeking students at 4-year institutions who completed a bachelor's degree, by race/ethnicity, time to completion, sex, and control of institution: Selected cohort entry years, 1996 through 2005—Continued**

Time to completion, sex, control of institution, and cohort entry year	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Completing within 5 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	53.6	56.8	37.5	42.4	60.5	—	—	34.9	—	57.9
2000 starting cohort.....	55.6	58.8	40.2	45.9	63.4	—	—	37.8	—	58.0
2002 starting cohort.....	55.2	58.6	38.4	46.2	64.1	—	—	36.0	—	52.0
2003 starting cohort.....	55.4	59.4	37.6	45.8	64.9	—	—	35.3	—	50.1
2004 starting cohort.....	56.8	60.5	38.1	47.5	66.0	—	—	36.8	—	61.3
2005 starting cohort.....	56.8	60.8	38.0	47.4	66.4	66.9	41.8	36.1	61.2	62.4
<b>Public institutions</b>										
1996 starting cohort.....	49.5	52.7	34.8	37.8	56.0	—	—	31.8	—	50.0
2000 starting cohort.....	52.7	55.5	39.3	42.1	61.0	—	—	35.1	—	53.5
2002 starting cohort.....	52.5	55.4	37.6	42.6	61.5	—	—	33.2	—	54.4
2003 starting cohort.....	53.2	56.6	36.4	43.1	62.5	—	—	33.8	—	54.8
2004 starting cohort.....	53.7	57.3	35.9	44.0	62.9	—	—	34.0	—	57.5
2005 starting cohort.....	53.9	57.7	36.1	44.4	63.3	63.7	40.4	33.5	50.3	56.5
<b>Nonprofit institutions</b>										
1996 starting cohort.....	61.8	64.5	44.5	54.3	71.0	—	—	47.0	—	63.7
2000 starting cohort.....	62.7	65.8	43.2	57.4	70.0	—	—	47.7	—	62.3
2002 starting cohort.....	63.5	66.4	44.0	58.7	71.9	—	—	48.6	—	67.7
2003 starting cohort.....	64.4	67.3	45.4	57.9	72.9	—	—	46.3	—	69.1
2004 starting cohort.....	65.2	67.8	46.2	60.3	74.6	—	—	49.2	—	71.5
2005 starting cohort.....	64.8	67.7	44.6	58.6	74.7	75.2	52.3	46.6	72.9	72.3
<b>For-profit institutions</b>										
1996 starting cohort.....	25.1	31.4	17.6	20.0	23.7	—	—	11.5	—	52.2
2000 starting cohort.....	25.9	30.0	28.4	27.5	42.6	—	—	30.4	—	45.1
2002 starting cohort.....	14.7	17.3	11.2	21.7	27.1	—	—	8.0	—	5.8
2003 starting cohort.....	15.9	19.1	13.4	22.1	26.7	—	—	7.6	—	8.0
2004 starting cohort.....	24.1	30.3	19.1	25.4	30.5	—	—	15.8	—	18.2
2005 starting cohort.....	32.9	36.8	26.1	29.7	44.3	48.3	11.8	24.9	26.5	23.5
<b>Completing within 6 years after start, males and females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	55.4	58.1	38.9	45.7	63.4	—	—	38.0	—	58.0
2000 starting cohort.....	57.5	60.2	42.1	49.1	66.7	—	—	40.2	—	59.6
2002 starting cohort.....	57.2	60.2	40.1	48.9	67.1	—	—	38.3	—	55.3
2003 starting cohort.....	57.4	60.8	39.1	48.7	68.0	—	—	38.3	—	53.3
2004 starting cohort.....	58.3	61.5	39.5	50.1	68.7	—	—	39.4	—	61.5
2005 starting cohort <sup>1</sup> .....	58.8	62.1	39.9	51.0	69.2	69.6	48.5	39.8	64.3	62.6
Open admissions.....	31.4	38.8	17.8	30.1	38.0	39.8	25.4	15.9	40.6	34.0
90 percent or more accepted.....	45.3	48.2	30.8	32.9	44.3	44.2	45.3	33.1	50.0	49.8
75.0 to 89.9 percent accepted.....	56.4	59.4	40.1	47.9	58.9	59.0	48.0	38.7	56.0	57.0
50.0 to 74.9 percent accepted.....	60.9	64.3	41.8	54.2	68.6	69.0	50.0	42.3	58.9	63.3
25.0 to 49.9 percent accepted.....	70.0	75.9	47.6	58.6	75.9	76.1	59.2	57.2	85.1	72.5
Less than 25.0 percent accepted.....	88.3	89.3	72.2	85.9	93.0	93.3	62.2	77.0	90.7	89.7
<b>Public institutions</b>										
1996 starting cohort.....	51.7	54.3	36.8	42.1	59.5	—	—	35.3	—	51.3
2000 starting cohort.....	54.8	57.1	40.8	46.0	64.1	—	—	37.5	—	54.6
2002 starting cohort.....	54.9	57.4	39.4	46.3	64.7	—	—	35.7	—	55.5
2003 starting cohort.....	55.7	58.6	38.6	46.9	65.8	—	—	37.1	—	56.2
2004 starting cohort.....	56.0	58.9	38.3	47.8	66.2	—	—	37.0	—	57.2
2005 starting cohort <sup>1</sup> .....	56.5	59.6	38.6	48.7	67.0	67.2	49.5	37.8	55.9	57.3
Open admissions.....	31.7	36.9	16.9	31.4	38.6	38.9	23.1	14.6	41.6	46.0
90 percent or more accepted.....	44.2	47.2	29.8	31.7	41.9	41.7	51.9	31.9	52.7	49.5
75.0 to 89.9 percent accepted.....	55.2	57.8	40.1	46.8	58.8	58.8	54.8	37.7	52.3	56.0
50.0 to 74.9 percent accepted.....	60.2	63.6	41.5	53.8	68.6	69.0	46.5	40.5	55.7	60.3
25.0 to 49.9 percent accepted.....	62.0	69.0	42.7	51.1	67.8	68.0	53.8	53.4	62.7	56.4
Less than 25.0 percent accepted.....	85.0	83.8	73.1	80.8	90.9	91.1	72.0	80.8	80.8	86.3
<b>Nonprofit institutions</b>										
1996 starting cohort.....	63.1	65.7	44.6	55.7	73.5	—	—	48.1	—	63.4
2000 starting cohort.....	64.5	67.0	45.9	59.0	75.2	—	—	50.9	—	64.5
2002 starting cohort.....	64.6	67.2	44.9	59.5	75.3	—	—	49.8	—	68.3
2003 starting cohort.....	65.1	67.7	45.0	59.4	75.9	—	—	47.6	—	69.1
2004 starting cohort.....	65.4	67.9	44.9	60.5	76.2	—	—	50.7	—	71.2
2005 starting cohort <sup>1</sup> .....	65.1	67.8	43.8	60.4	76.4	76.9	52.6	46.4	75.2	70.9
Open admissions.....	35.8	43.7	20.5	28.5	40.4	41.7	26.7	15.7	36.7	37.7
90 percent or more accepted.....	49.3	52.0	32.2	39.0	50.6	51.8	41.1	41.2	46.2	50.3
75.0 to 89.9 percent accepted.....	60.0	63.1	40.7	51.4	59.6	60.3	43.8	44.7	63.4	58.9
50.0 to 74.9 percent accepted.....	63.5	66.6	43.8	57.9	69.6	69.7	47.9	48.7	67.0	66.9
25.0 to 49.9 percent accepted.....	79.4	82.9	55.3	74.7	87.9	88.1	70.5	67.4	89.5	81.4
Less than 25.0 percent accepted.....	90.6	93.3	71.9	90.7	95.7	96.2	50.0	74.7	94.2	90.3
<b>For-profit institutions</b>										
1996 starting cohort.....	28.0	33.2	19.2	24.6	28.9	—	—	23.1	—	54.0
2000 starting cohort.....	32.6	38.1	29.7	33.8	47.3	—	—	30.4	—	47.5
2002 starting cohort.....	22.0	25.5	16.3	27.5	35.5	—	—	17.1	—	12.5
2003 starting cohort.....	20.4	24.5	16.1	24.9	31.3	—	—	11.9	—	9.3
2004 starting cohort.....	28.4	35.3	21.3	28.9	38.9	—	—	19.2	—	21.7
2005 starting cohort.....	42.3	45.9	34.9	36.8	49.4	51.4	31.0	39.6	27.6	28.4

See notes at end of table.

**Table 376. Percentage of first-time, full-time bachelor's degree-seeking students at 4-year institutions who completed a bachelor's degree, by race/ethnicity, time to completion, sex, and control of institution: Selected cohort entry years, 1996 through 2005—Continued**

Time to completion, sex, control of institution, and cohort entry year	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Completing within 6 years after start, males</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	52.0	54.8	32.8	41.3	59.5	—	—	36.2	—	55.4
2000 starting cohort.....	54.3	57.1	35.6	44.6	62.9	—	—	37.1	—	56.8
2002 starting cohort.....	54.1	57.3	34.0	44.1	64.0	—	—	35.1	—	53.9
2003 starting cohort.....	54.8	58.2	33.9	44.6	65.0	—	—	36.4	—	52.8
2004 starting cohort.....	55.5	58.8	34.2	45.6	65.7	—	—	37.5	—	58.5
2005 starting cohort <sup>1</sup> .....	56.3	59.5	35.2	47.5	66.3	66.6	49.0	38.9	61.3	59.2
Open admissions .....	30.7	38.4	15.2	26.6	36.7	37.3	32.3	15.3	36.0	34.9
90 percent or more accepted .....	42.9	45.8	26.5	30.5	41.3	41.2	44.7	31.5	45.2	44.1
75.0 to 89.9 percent accepted.....	53.4	56.4	34.5	43.9	56.3	56.4	47.7	38.6	51.0	53.0
50.0 to 74.9 percent accepted.....	58.0	61.3	36.9	50.6	65.8	66.0	50.9	39.2	53.5	59.2
25.0 to 49.9 percent accepted.....	67.4	73.9	40.0	53.6	72.2	72.4	55.7	54.1	83.6	69.3
Less than 25.0 percent accepted.....	86.5	87.7	68.0	82.5	91.8	92.0	66.7	78.0	88.9	88.9
<b>Public institutions</b>										
1996 starting cohort.....	48.1	50.8	30.3	37.5	55.2	—	—	33.1	—	48.8
2000 starting cohort.....	51.3	53.8	34.1	41.1	60.0	—	—	33.6	—	52.1
2002 starting cohort.....	51.7	54.4	32.9	41.4	61.3	—	—	32.2	—	52.5
2003 starting cohort.....	52.9	55.9	32.9	42.3	62.7	—	—	34.9	—	53.3
2004 starting cohort.....	53.0	56.0	32.7	43.0	62.9	—	—	34.9	—	53.0
2005 starting cohort <sup>1</sup> .....	53.9	57.1	33.2	44.8	64.0	64.2	50.7	36.8	52.7	53.3
Open admissions.....	29.1	35.0	13.7	25.4	36.3	36.5	30.0	15.2	27.3	43.1
90 percent or more accepted .....	42.6	45.5	26.5	29.2	39.1	39.0	46.2	31.4	45.1	43.6
75.0 to 89.9 percent accepted.....	52.7	55.4	35.1	43.7	56.4	56.4	57.1	37.5	47.5	51.5
50.0 to 74.9 percent accepted.....	57.5	60.6	36.2	50.8	65.8	66.1	47.6	37.4	51.8	57.2
25.0 to 49.9 percent accepted.....	57.9	65.5	35.1	44.4	63.6	63.7	54.5	51.8	51.7	51.1
Less than 25.0 percent accepted.....	82.4	81.6	70.1	76.8	89.1	89.3	74.1	81.5	83.1	83.9
<b>Nonprofit institutions</b>										
1996 starting cohort.....	60.4	63.0	38.9	52.1	71.5	—	—	46.7	—	60.9
2000 starting cohort.....	61.7	64.4	39.3	55.3	73.1	—	—	50.1	—	61.7
2002 starting cohort.....	61.9	64.8	38.6	55.4	73.8	—	—	46.6	—	65.4
2003 starting cohort.....	62.4	65.2	38.9	56.6	74.2	—	—	45.4	—	65.6
2004 starting cohort.....	63.0	65.7	39.2	57.0	74.4	—	—	49.3	—	68.2
2005 starting cohort <sup>1</sup> .....	62.4	65.3	38.1	57.1	74.6	75.0	49.2	42.7	73.5	67.3
Open admissions.....	33.6	42.1	16.6	27.6	35.2	36.4	23.5	11.2	39.4	37.0
90 percent or more accepted .....	44.6	47.0	25.5	36.8	47.2	47.6	44.0	28.0	40.0	44.8
75.0 to 89.9 percent accepted.....	55.7	59.2	33.5	46.0	56.5	57.0	41.2	45.5	57.9	55.6
50.0 to 74.9 percent accepted.....	60.6	63.7	40.3	53.5	66.9	66.9	65.9	45.1	62.1	61.9
25.0 to 49.9 percent accepted.....	78.6	82.3	48.3	73.4	86.0	86.2	58.3	62.0	88.9	79.1
Less than 25.0 percent accepted.....	89.6	92.9	67.4	87.8	95.1	95.4	44.4	75.4	92.1	89.7
<b>For-profit institutions</b>										
1996 starting cohort.....	28.0	32.3	19.4	26.7	31.7	—	—	30.8	—	53.0
2000 starting cohort.....	35.5	40.2	29.8	36.2	48.4	—	—	30.3	—	46.3
2002 starting cohort.....	23.6	27.8	16.6	26.7	38.4	—	—	23.5	—	11.7
2003 starting cohort.....	22.7	26.7	16.6	25.2	33.6	—	—	16.0	—	9.3
2004 starting cohort.....	30.2	37.0	21.2	29.1	43.5	—	—	18.5	—	23.6
2005 starting cohort.....	47.7	50.7	41.2	39.4	50.6	51.5	41.4	53.6	27.7	29.4
<b>Completing within 6 years after start, females</b>										
<b>All 4-year institutions</b>										
1996 starting cohort.....	58.2	60.9	43.0	49.1	66.8	—	—	39.5	—	61.5
2000 starting cohort.....	60.2	62.8	46.4	52.4	70.1	—	—	42.7	—	63.1
2002 starting cohort.....	59.7	62.5	44.2	52.5	69.8	—	—	40.7	—	56.7
2003 starting cohort.....	59.5	63.0	42.7	51.8	70.5	—	—	39.7	—	53.8
2004 starting cohort.....	60.6	63.8	43.1	53.4	71.3	—	—	40.9	—	64.9
2005 starting cohort <sup>1</sup> .....	60.8	64.2	43.2	53.7	71.7	72.2	48.1	40.5	66.8	66.5
Open admissions .....	31.9	39.2	19.8	32.8	39.5	42.5	16.7	16.4	43.8	33.2
90 percent or more accepted .....	47.3	50.3	34.0	34.9	46.8	46.9	45.8	34.6	54.0	56.8
75.0 to 89.9 percent accepted.....	58.9	61.8	43.8	50.6	61.1	61.4	48.1	38.7	60.0	62.2
50.0 to 74.9 percent accepted.....	63.3	66.9	45.0	56.8	71.1	71.5	49.4	44.7	62.8	67.8
25.0 to 49.9 percent accepted.....	72.0	77.5	52.4	62.2	78.9	79.1	61.6	59.5	86.4	75.6
Less than 25.0 percent accepted.....	90.3	91.5	75.9	89.2	94.0	94.5	59.3	76.1	93.0	90.7
<b>Public institutions</b>										
1996 starting cohort.....	54.7	57.4	41.0	45.7	63.5	—	—	37.0	—	54.9
2000 starting cohort.....	57.7	59.9	45.2	49.7	67.8	—	—	40.5	—	58.1
2002 starting cohort.....	57.5	59.9	43.7	50.0	67.7	—	—	38.3	—	59.0
2003 starting cohort.....	58.1	61.0	42.4	50.4	68.7	—	—	38.8	—	59.5
2004 starting cohort.....	58.5	61.4	42.1	51.4	69.2	—	—	38.5	—	62.2
2005 starting cohort <sup>1</sup> .....	58.8	61.9	42.2	51.7	69.7	70.0	48.6	38.6	58.7	61.9
Open admissions.....	34.1	38.6	19.6	36.5	41.1	41.6	0.0	14.2	52.3	49.4
90 percent or more accepted .....	45.7	48.7	32.2	33.7	44.7	44.5	57.1	32.3	62.1	56.9
75.0 to 89.9 percent accepted.....	57.2	59.9	43.3	49.1	61.0	61.1	53.1	37.8	56.0	62.1
50.0 to 74.9 percent accepted.....	62.5	66.1	44.9	56.1	71.1	71.6	45.8	42.8	58.9	64.0
25.0 to 49.9 percent accepted.....	65.2	71.8	47.8	55.8	71.4	71.7	53.3	54.6	69.6	61.2
Less than 25.0 percent accepted.....	88.2	87.3	76.7	84.6	92.4	92.6	69.6	80.0	73.7	89.9

See notes at end of table.

**Table 376. Percentage of first-time, full-time bachelor's degree-seeking students at 4-year institutions who completed a bachelor's degree, by race/ethnicity, time to completion, sex, and control of institution: Selected cohort entry years, 1996 through 2005—Continued**

Time to completion, sex, control of institution, and cohort entry year	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/ Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Nonprofit institutions</b>										
1996 starting cohort.....	65.4	67.9	48.4	58.3	75.0	—	—	49.2	—	66.4
2000 starting cohort.....	66.7	69.1	50.4	61.7	76.7	—	—	51.5	—	67.9
2002 starting cohort.....	66.7	69.1	49.4	62.2	76.3	—	—	52.1	—	71.5
2003 starting cohort.....	67.1	69.7	49.2	61.2	77.2	—	—	49.2	—	73.0
2004 starting cohort.....	67.3	69.6	49.1	62.8	77.6	—	—	51.6	—	74.4
2005 starting cohort <sup>1</sup> .....	67.2	69.7	48.0	62.6	77.9	78.3	54.9	49.2	76.5	75.0
Open admissions.....	37.9	45.3	24.2	29.2	46.3	47.6	30.8	19.7	34.8	39.0
90 percent or more accepted.....	53.1	56.2	36.8	40.5	52.7	54.2	38.7	53.8	48.6	56.7
75.0 to 89.9 percent accepted.....	63.2	66.0	46.6	55.0	61.8	62.6	45.3	44.2	68.4	63.2
50.0 to 74.9 percent accepted.....	65.8	68.9	46.3	60.7	71.6	71.6	69.4	51.5	69.8	72.2
25.0 to 49.9 percent accepted.....	80.1	83.3	59.4	75.6	89.4	89.5	78.4	71.2	89.9	83.7
Less than 25.0 percent accepted.....	91.6	93.9	75.7	93.4	96.2	96.9	51.6	74.2	96.3	90.9
<b>For-profit institutions</b>										
1996 starting cohort.....	27.9	34.5	19.0	21.9	24.9	—	—	17.3	—	55.1
2000 starting cohort.....	29.1	35.1	29.7	30.9	45.2	—	—	30.4	—	48.9
2002 starting cohort.....	20.5	23.1	16.1	28.3	31.3	—	—	12.0	—	13.0
2003 starting cohort.....	18.7	22.7	15.8	24.7	29.1	—	—	9.3	—	9.4
2004 starting cohort.....	26.8	33.4	21.3	28.7	33.3	—	—	19.6	—	20.3
2005 starting cohort.....	36.2	39.7	29.7	34.3	47.5	51.2	17.6	27.4	27.5	27.7

—Not available.

<sup>1</sup>Includes data for institutions not reporting admissions data, which are not separately shown.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Completion rates refer to students receiving bachelor's

degrees from their initial institutions of attendance only. Totals include data for persons whose race/ethnicity was not reported. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Spring 2007 through Spring 2012, Graduation Rates component. (This table was prepared November 2012.)

**Table 377. Percentage of first-time, full-time degree/certificate-seeking students at 2-year institutions who completed a credential within 150 percent of normal time, by race/ethnicity, sex, and control of institution: Selected cohort entry years, 2000 through 2008**

Sex, control of institution, and cohort entry year	Percent completing certificate or associate's degree within 150 percent of normal time									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Males and females</b>										
<b>All 2-year institutions</b>										
2000 starting cohort .....	30.5	31.5	26.1	30.1	33.3	—	—	29.3	—	25.5
2002 starting cohort .....	29.3	30.4	24.2	30.7	31.4	—	—	26.3	—	26.7
2003 starting cohort .....	29.1	29.9	24.2	30.2	31.7	—	—	25.9	—	27.2
2004 starting cohort .....	27.8	29.0	22.9	26.3	30.2	—	—	26.7	—	32.9
2005 starting cohort .....	27.5	28.5	22.6	25.7	31.5	—	—	24.9	—	32.2
2006 starting cohort .....	29.2	29.3	24.5	30.8	34.0	—	—	24.2	—	30.0
2007 starting cohort .....	29.9	29.5	25.3	33.4	33.6	—	—	25.6	—	30.8
2008 starting cohort .....	31.0	30.0	26.8	35.0	34.1	35.0	23.5	24.9	32.7	33.6
<b>Public institutions</b>										
2000 starting cohort.....	23.6	25.7	17.8	16.8	25.5	—	—	19.6	—	23.2
2002 starting cohort.....	21.9	24.5	13.2	16.7	23.8	—	—	18.8	—	25.5
2003 starting cohort.....	21.5	24.1	12.7	16.3	24.8	—	—	17.9	—	25.8
2004 starting cohort.....	20.3	22.9	11.5	15.0	24.2	—	—	17.8	—	30.5
2005 starting cohort.....	20.6	22.9	12.1	15.6	25.8	—	—	18.2	—	29.9
2006 starting cohort.....	20.4	23.1	12.0	15.6	25.4	—	—	17.0	—	24.9
2007 starting cohort.....	20.4	23.0	11.9	16.0	25.6	—	—	17.4	—	25.4
2008 starting cohort.....	20.2	22.8	11.8	15.8	26.2	27.2	15.3	15.5	17.1	30.6
<b>Nonprofit institutions</b>										
2000 starting cohort.....	50.1	49.6	37.5	56.3	61.4	—	—	62.1	—	43.1
2002 starting cohort.....	49.1	55.1	36.5	46.1	49.5	—	—	20.3	—	45.3
2003 starting cohort.....	49.0	56.0	35.8	39.4	50.1	—	—	17.9	—	64.2
2004 starting cohort.....	44.4	48.9	37.3	35.6	36.6	—	—	19.5	—	54.7
2005 starting cohort.....	48.2	52.3	41.6	47.3	41.6	—	—	14.8	—	51.7
2006 starting cohort.....	52.8	55.0	46.5	47.5	51.2	—	—	22.6	—	69.3
2007 starting cohort.....	51.0	56.1	43.6	46.1	51.0	—	—	15.3	—	63.9
2008 starting cohort.....	51.0	56.0	45.7	45.7	47.8	48.7	18.8	15.3	52.9	58.8
<b>For-profit institutions</b>										
2000 starting cohort.....	59.1	63.1	47.6	60.3	64.4	—	—	60.3	—	55.4
2002 starting cohort.....	57.1	61.0	49.3	59.7	61.7	—	—	58.1	—	58.9
2003 starting cohort.....	57.2	61.8	48.4	60.0	55.8	—	—	59.1	—	36.5
2004 starting cohort.....	58.2	64.3	48.4	59.6	65.4	—	—	59.0	—	71.1
2005 starting cohort.....	57.7	62.9	47.8	61.4	65.8	—	—	55.8	—	57.7
2006 starting cohort.....	58.6	63.0	47.5	63.0	71.8	—	—	57.6	—	63.5
2007 starting cohort.....	60.3	65.0	49.2	64.9	68.5	—	—	59.2	—	66.9
2008 starting cohort.....	61.7	64.2	52.4	68.0	69.7	70.1	65.5	59.0	56.9	62.1
<b>Males</b>										
<b>All 2-year institutions</b>										
2000 starting cohort.....	28.7	30.0	23.1	27.9	30.1	—	—	28.3	—	22.9
2002 starting cohort.....	27.2	28.6	21.3	27.0	28.7	—	—	23.7	—	22.5
2003 starting cohort.....	27.2	28.5	20.6	26.8	29.4	—	—	22.4	—	22.6
2004 starting cohort.....	25.7	27.3	19.1	22.6	27.9	—	—	23.6	—	30.1
2005 starting cohort.....	25.3	27.0	18.6	21.8	28.4	—	—	23.4	—	29.4
2006 starting cohort.....	26.4	27.2	20.5	25.5	30.5	—	—	22.1	—	27.4
2007 starting cohort.....	26.4	27.2	20.4	26.7	29.7	—	—	23.9	—	26.9
2008 starting cohort.....	27.3	27.7	22.1	28.9	30.2	30.7	23.8	22.7	28.4	30.5
<b>Public institutions</b>										
2000 starting cohort.....	22.2	24.2	16.5	15.4	22.6	—	—	19.3	—	20.4
2002 starting cohort.....	20.9	23.2	13.1	15.2	21.8	—	—	16.9	—	21.4
2003 starting cohort.....	20.8	23.0	12.5	15.2	22.7	—	—	16.4	—	21.3
2004 starting cohort.....	19.6	21.8	11.5	13.8	22.6	—	—	17.5	—	27.8
2005 starting cohort.....	19.9	22.1	12.0	14.6	23.5	—	—	18.7	—	27.4
2006 starting cohort.....	19.9	22.3	12.2	14.7	23.7	—	—	16.3	—	22.5
2007 starting cohort.....	19.9	22.3	12.0	15.2	24.0	—	—	18.6	—	22.0
2008 starting cohort.....	19.6	22.1	12.0	14.9	24.3	25.1	15.3	15.2	16.7	28.1
<b>Nonprofit institutions</b>										
2000 starting cohort.....	49.5	49.3	31.7	54.3	62.5	—	—	64.5	—	42.6
2002 starting cohort.....	51.1	58.8	33.0	42.9	56.0	—	—	21.7	—	35.3
2003 starting cohort.....	49.6	57.0	31.4	42.4	48.1	—	—	16.8	—	51.6
2004 starting cohort.....	43.2	46.4	38.3	36.4	40.3	—	—	17.5	—	52.0
2005 starting cohort.....	44.5	49.1	38.7	42.9	43.7	—	—	10.4	—	47.7
2006 starting cohort.....	51.3	52.6	45.1	45.6	54.0	—	—	21.8	—	68.2
2007 starting cohort.....	50.0	56.4	45.5	41.1	49.3	—	—	10.3	—	58.1
2008 starting cohort.....	49.5	53.3	48.6	44.2	42.5	44.0	11.1	9.7	50.0	51.4
<b>For-profit institutions</b>										
2000 starting cohort.....	59.3	63.7	45.6	58.2	63.1	—	—	55.9	—	55.0
2002 starting cohort.....	56.6	62.0	45.9	56.1	59.7	—	—	58.4	—	61.9
2003 starting cohort.....	58.0	63.7	45.7	56.9	62.0	—	—	59.5	—	36.7
2004 starting cohort.....	58.1	65.4	44.6	55.4	64.3	—	—	59.6	—	69.4
2005 starting cohort.....	57.7	64.8	43.1	57.5	65.7	—	—	56.3	—	56.3
2006 starting cohort.....	56.8	62.3	43.0	58.3	69.4	—	—	57.2	—	61.6
2007 starting cohort.....	58.3	65.3	44.6	59.3	66.3	—	—	56.9	—	66.7
2008 starting cohort.....	58.9	64.1	47.4	62.9	67.7	67.9	65.7	54.6	58.0	54.7

See notes at end of table.



**Table 377. Percentage of first-time, full-time degree/certificate-seeking students at 2-year institutions who completed a credential within 150 percent of normal time, by race/ethnicity, sex, and control of institution: Selected cohort entry years, 2000 through 2008—Continued**

Sex, control of institution, and cohort entry year	Percent completing certificate or associate's degree within 150 percent of normal time									
	Total	White	Black	Hispanic	Asian/Pacific Islander			American Indian/Alaska Native	Two or more races	Nonresident alien
					Total	Asian	Pacific Islander			
1	2	3	4	5	6	7	8	9	10	11
<b>Females</b>										
<b>All 2-year institutions</b>										
2000 starting cohort.....	32.1	33.0	28.1	31.8	36.3	—	—	30.0	—	28.3
2002 starting cohort.....	30.9	32.0	26.1	33.4	33.9	—	—	28.2	—	30.4
2003 starting cohort.....	30.7	31.2	26.3	32.7	33.9	—	—	28.4	—	31.5
2004 starting cohort.....	29.6	30.5	25.2	29.0	32.6	—	—	28.8	—	35.3
2005 starting cohort.....	29.3	29.9	25.2	28.6	34.6	—	—	25.9	—	34.8
2006 starting cohort.....	31.6	31.2	27.1	34.5	37.5	—	—	25.8	—	32.4
2007 starting cohort.....	32.7	31.6	28.4	37.9	37.4	—	—	26.8	—	34.4
2008 starting cohort.....	34.1	32.1	29.9	39.2	38.0	39.3	23.1	26.7	35.6	36.7
<b>Public institutions</b>										
2000 starting cohort.....	24.8	27.1	18.8	17.9	28.4	—	—	19.9	—	26.2
2002 starting cohort.....	22.8	25.8	13.2	17.8	25.9	—	—	20.2	—	29.2
2003 starting cohort.....	22.2	25.1	12.8	17.3	27.1	—	—	19.0	—	30.0
2004 starting cohort.....	21.0	24.0	11.5	16.0	26.1	—	—	17.9	—	32.8
2005 starting cohort.....	21.2	23.8	12.1	16.4	28.2	—	—	17.8	—	32.2
2006 starting cohort.....	21.0	23.9	11.8	16.3	27.3	—	—	17.5	—	27.3
2007 starting cohort.....	20.8	23.7	11.8	16.8	27.5	—	—	16.5	—	28.7
2008 starting cohort.....	20.7	23.5	11.7	16.5	28.3	29.6	15.3	15.7	17.4	33.0
<b>Nonprofit institutions</b>										
2000 starting cohort.....	50.7	50.0	43.1	58.3	60.1	—	—	60.2	—	43.8
2002 starting cohort.....	47.3	51.4	39.2	48.9	44.3	—	—	19.3	—	55.0
2003 starting cohort.....	48.5	55.0	38.8	37.5	51.4	—	—	18.7	—	75.4
2004 starting cohort.....	45.4	51.1	36.3	35.1	34.3	—	—	21.0	—	57.4
2005 starting cohort.....	51.3	54.9	44.9	49.6	40.1	—	—	18.0	—	55.2
2006 starting cohort.....	54.0	56.7	47.7	48.5	48.8	—	—	23.2	—	70.4
2007 starting cohort.....	51.8	55.8	41.6	49.5	52.2	—	—	18.9	—	69.9
2008 starting cohort.....	52.4	58.7	42.6	46.7	50.9	51.4	28.6	19.8	55.6	66.2
<b>For-profit institutions</b>										
2000 starting cohort.....	58.9	62.6	48.6	61.8	65.3	—	—	63.8	—	55.7
2002 starting cohort.....	57.4	60.3	50.8	61.7	63.3	—	—	58.0	—	56.7
2003 starting cohort.....	56.8	60.4	49.4	61.9	52.1	—	—	59.0	—	36.4
2004 starting cohort.....	58.3	63.4	49.9	61.9	66.2	—	—	58.7	—	72.3
2005 starting cohort.....	57.7	61.6	49.4	63.3	65.8	—	—	55.7	—	58.6
2006 starting cohort.....	59.6	63.4	49.3	65.2	73.4	—	—	57.9	—	65.1
2007 starting cohort.....	61.3	64.8	50.8	67.3	69.8	—	—	60.2	—	67.1
2008 starting cohort.....	63.1	64.2	54.5	70.6	71.0	71.3	65.4	61.8	56.5	67.7

—Not available.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Completion rates refer to students receiving associate's degrees or certificates from their initial institutions of attendance only. Totals include data for persons whose race/ethnicity was not reported. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2001 and Spring 2002 through Spring 2012, Graduation Rates component. (This table was prepared November 2012.)

**Table 378. Retention of first-time degree-seeking undergraduates at degree-granting institutions, by attendance status, level and control of institution, and percentage of applications accepted: 2006 to 2011**

Level, control, and percent of applications accepted	First-time degree-seekers (adjusted entry cohort), <sup>1</sup> by entry year					Students from adjusted cohort returning in the following year					Percent of first-time undergraduates retained				
	2006	2007	2008	2009	2010	2007	2008	2009	2010	2011	2006 to 2007	2007 to 2008	2008 to 2009	2009 to 2010	2010 to 2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Full-time student retention															
<b>All institutions.....</b>	<b>2,171,714</b>	<b>2,269,712</b>	<b>2,296,305</b>	<b>2,386,597</b>	<b>2,341,321</b>	<b>1,542,175</b>	<b>1,619,269</b>	<b>1,647,198</b>	<b>1,714,013</b>	<b>1,679,620</b>	<b>71.0</b>	<b>71.3</b>	<b>71.7</b>	<b>71.8</b>	<b>71.7</b>
Public institutions.....	1,524,044	1,603,819	1,654,779	1,743,668	1,698,663	1,072,644	1,132,790	1,167,180	1,229,276	1,192,769	70.4	70.6	70.5	70.5	70.2
Nonprofit institutions.....	466,139	477,369	476,153	478,708	487,864	369,084	375,721	378,111	381,423	389,217	79.2	78.7	79.4	79.7	79.8
For-profit institutions.....	181,531	188,524	165,373	164,221	154,794	100,447	110,758	101,907	103,314	97,634	55.3	58.8	61.6	62.9	63.1
<b>4-year institutions.....</b>	<b>1,458,731</b>	<b>1,505,161</b>	<b>1,511,976</b>	<b>1,465,669</b>	<b>1,461,703</b>	<b>1,115,529</b>	<b>1,152,921</b>	<b>1,176,973</b>	<b>1,153,975</b>	<b>1,152,644</b>	<b>76.5</b>	<b>76.6</b>	<b>77.8</b>	<b>78.7</b>	<b>78.9</b>
Public institutions.....	912,401	936,000	973,089	945,951	941,098	711,490	732,384	765,163	751,623	746,633	78.0	78.2	78.6	79.5	79.3
Open admissions.....	62,724	60,815	81,559	47,943	43,261	38,839	38,724	52,988	30,079	26,633	61.9	63.7	65.0	62.7	61.6
90 percent or more accepted.....	68,835	66,114	58,002	60,147	74,731	49,274	46,731	39,851	43,654	54,244	71.6	70.7	68.7	72.6	72.6
75.0 to 89.9 percent accepted.....	244,177	237,913	213,388	213,441	205,404	185,457	180,287	164,559	164,061	158,677	76.0	75.8	77.1	76.9	77.3
50.0 to 74.9 percent accepted.....	417,093	439,824	473,007	468,817	469,055	336,199	356,969	382,451	380,473	379,448	80.6	81.2	80.9	81.2	80.9
25.0 to 49.9 percent accepted.....	103,118	107,824	127,960	134,042	131,782	88,908	90,123	108,601	114,477	112,006	86.2	83.6	84.9	85.4	85.0
Less than 25.0 percent accepted.....	7,716	10,223	13,479	14,326	13,996	7,048	9,479	12,785	13,649	13,302	91.3	92.7	94.9	95.3	95.0
Information not available.....	8,738	13,287	5,694	7,235	2,869	5,765	10,071	3,928	5,230	2,323	66.0	75.8	69.0	72.3	81.0
Nonprofit institutions.....	457,566	468,955	468,220	470,748	476,912	363,760	370,740	373,352	376,726	382,520	79.5	79.1	79.7	80.0	80.2
Open admissions.....	26,679	26,571	24,220	22,613	22,861	16,116	15,227	16,499	14,349	14,330	60.4	57.3	68.1	63.5	62.7
90 percent or more accepted.....	13,684	16,008	16,738	15,066	13,922	9,549	11,249	11,899	10,898	9,720	69.8	70.3	71.1	72.3	69.8
75.0 to 89.9 percent accepted.....	102,218	93,360	81,056	80,332	80,816	78,495	71,066	61,725	62,246	62,865	76.8	76.1	76.2	77.5	77.8
50.0 to 74.9 percent accepted.....	190,079	196,121	210,894	218,136	224,992	148,781	152,948	164,566	170,310	176,699	78.3	78.0	78.0	78.1	78.5
25.0 to 49.9 percent accepted.....	93,560	100,121	98,546	98,239	92,996	81,880	86,755	84,760	84,926	79,847	87.5	86.7	86.0	86.4	85.9
Less than 25.0 percent accepted.....	26,696	28,631	32,190	32,980	38,926	25,639	27,621	30,570	31,790	37,386	96.0	96.5	95.0	96.4	96.0
Information not available.....	4,650	8,143	4,576	3,382	2,399	3,300	5,874	3,333	2,207	1,673	71.0	72.1	72.8	65.3	69.7
For-profit institutions.....	88,764	100,206	70,667	48,970	43,693	40,279	49,797	38,458	25,626	23,491	45.4	49.7	54.4	52.3	53.8
Open admissions.....	45,273	46,801	20,894	16,997	16,350	18,735	22,723	12,459	9,329	8,990	41.4	48.6	59.6	54.9	55.0
90 percent or more accepted.....	6,285	5,347	4,632	3,713	2,900	3,454	2,764	2,465	1,301	1,524	55.0	51.7	53.2	35.0	52.6
75.0 to 89.9 percent accepted.....	3,703	6,157	6,384	3,224	2,428	2,081	3,129	3,085	1,549	1,284	56.2	50.8	48.3	48.0	52.9
50.0 to 74.9 percent accepted.....	12,845	19,724	8,874	15,929	10,122	6,536	10,249	5,602	8,243	5,443	50.9	52.0	63.1	51.7	53.8
25.0 to 49.9 percent accepted.....	18,142	18,118	28,288	6,098	7,214	8,036	8,672	14,094	3,423	3,942	44.3	47.9	49.8	56.1	54.6
Less than 25.0 percent accepted.....	0	0	0	0	0	0	0	0	0	0	†	†	†	†	†
Information not available.....	2,516	4,059	1,595	3,009	4,679	1,437	2,260	753	1,781	2,308	57.1	55.7	47.2	59.2	49.3
<b>2-year institutions.....</b>	<b>712,983</b>	<b>764,551</b>	<b>784,329</b>	<b>920,928</b>	<b>879,618</b>	<b>426,646</b>	<b>466,348</b>	<b>470,225</b>	<b>560,038</b>	<b>526,976</b>	<b>59.8</b>	<b>61.0</b>	<b>60.0</b>	<b>60.8</b>	<b>59.9</b>
Public institutions.....	611,643	667,819	681,690	797,717	757,565	361,154	400,406	402,017	477,653	446,136	59.0	60.0	59.0	59.9	58.9
Nonprofit institutions.....	8,573	8,414	7,933	7,960	10,952	5,324	4,981	4,759	4,697	6,697	62.1	59.2	60.0	59.0	61.1
For-profit institutions.....	92,767	88,318	94,706	115,251	111,101	60,168	60,961	63,449	77,688	74,143	64.9	69.0	67.0	67.4	66.7
Part-time student retention															
<b>All institutions.....</b>	<b>463,234</b>	<b>532,827</b>	<b>519,619</b>	<b>551,181</b>	<b>545,227</b>	<b>191,586</b>	<b>219,857</b>	<b>210,836</b>	<b>231,593</b>	<b>228,460</b>	<b>41.4</b>	<b>41.3</b>	<b>40.6</b>	<b>42.0</b>	<b>41.9</b>
Public institutions.....	419,006	475,209	477,242	502,825	497,707	171,746	194,321	192,225	211,093	210,585	41.0	40.9	40.3	42.0	42.3
Nonprofit institutions.....	14,585	14,414	11,213	10,369	9,861	7,018	6,523	5,477	4,899	4,360	48.1	45.3	48.8	47.2	44.2
For-profit institutions.....	29,643	43,204	31,164	37,987	37,659	12,822	19,013	13,134	15,601	13,515	43.3	44.0	42.1	41.1	35.9
<b>4-year institutions.....</b>	<b>82,367</b>	<b>95,410</b>	<b>97,051</b>	<b>73,376</b>	<b>69,350</b>	<b>38,257</b>	<b>43,441</b>	<b>45,678</b>	<b>32,720</b>	<b>29,048</b>	<b>46.4</b>	<b>45.5</b>	<b>47.1</b>	<b>44.6</b>	<b>41.9</b>
Public institutions.....	48,353	48,190	63,932	34,504	29,922	23,631	23,006	31,910	17,240	15,361	48.9	47.7	49.9	50.0	51.3
Open admissions.....	20,223	20,645	38,295	9,470	6,318	8,298	9,122	17,982	3,852	2,626	41.0	44.2	47.0	40.7	41.6
90 percent or more accepted.....	3,745	3,450	2,707	3,735	4,930	1,909	1,667	1,205	1,861	2,784	51.0	48.3	44.5	49.8	56.5
75.0 to 89.9 percent accepted.....	8,969	8,145	7,476	6,504	5,650	4,196	3,818	3,872	3,277	2,856	46.8	46.9	51.8	50.4	50.5
50.0 to 74.9 percent accepted.....	11,599	12,236	11,969	11,496	10,667	6,766	6,245	6,649	6,131	5,699	58.3	51.0	55.6	53.3	53.4
25.0 to 49.9 percent accepted.....	3,373	3,023	3,084	3,125	2,262	2,223	1,866	1,992	2,023	1,330	65.9	61.7	64.6	64.7	58.8
Less than 25.0 percent accepted.....	65	44	42	44	43	50	34	34	35	35	76.9	77.3	81.0	79.5	81.4
Information not available.....	379	647	359	130	52	189	254	176	61	31	49.9	39.3	49.0	46.9	59.6

See notes at end of table.

**Table 378. Retention of first-time degree-seeking undergraduates at degree-granting institutions, by attendance status, level and control of institution, and percentage of applications accepted: 2006 to 2011—Continued**

Level, control, and percent of applications accepted	First-time degree-seekers (adjusted entry cohort), <sup>†</sup> by entry year					Students from adjusted cohort returning in the following year					Percent of first-time undergraduates retained				
	2006	2007	2008	2009	2010	2007	2008	2009	2010	2011	2006 to 2007	2007 to 2008	2008 to 2009	2009 to 2010	2010 to 2011
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Nonprofit institutions .....	12,828	12,886	9,883	9,609	9,110	6,045	5,614	4,772	4,499	3,992	47.1	43.6	48.3	46.8	43.8
Open admissions.....	5,446	5,330	3,369	3,821	3,949	2,579	2,306	1,504	1,693	1,614	47.4	43.3	44.6	44.3	40.9
90 percent or more accepted .....	523	1,272	971	393	478	237	434	421	199	180	45.3	34.1	43.4	50.6	37.7
75.0 to 89.9 percent accepted.....	2,459	2,132	1,307	1,177	951	1,047	895	633	558	456	42.6	42.0	48.4	47.4	47.9
50.0 to 74.9 percent accepted.....	3,131	2,899	2,016	3,256	2,955	1,406	1,307	1,029	1,531	1,333	44.9	45.1	51.0	47.0	45.1
25.0 to 49.9 percent accepted.....	853	917	1,963	712	647	452	478	1,016	366	319	53.0	52.1	51.8	51.4	49.3
Less than 25.0 percent accepted .....	112	94	78	93	84	86	84	70	78	67	76.8	89.4	89.7	83.9	79.8
Information not available .....	304	242	179	157	46	238	110	99	74	23	78.3	45.5	55.3	47.1	50.0
For-profit institutions.....	21,186	34,334	23,236	29,263	30,318	8,581	14,821	8,996	10,981	9,695	40.5	43.2	38.7	37.5	32.0
Open admissions.....	10,515	20,602	10,933	10,996	13,052	4,105	9,896	4,296	4,333	4,767	39.0	48.0	39.3	39.4	36.5
90 percent or more accepted .....	2,212	1,616	3,518	1,375	2,549	639	735	1,037	379	569	28.9	45.5	29.5	27.6	22.3
75.0 to 89.9 percent accepted.....	2,838	2,702	2,057	3,151	2,407	1,342	959	697	1,093	527	47.3	35.5	33.9	34.7	21.9
50.0 to 74.9 percent accepted.....	2,774	4,360	3,686	4,661	6,237	1,134	1,399	1,707	2,283	1,996	40.9	32.1	46.3	49.0	32.0
25.0 to 49.9 percent accepted.....	2,033	3,185	2,584	1,099	1,826	627	951	1,116	342	583	30.8	29.9	43.2	31.1	31.9
Less than 25.0 percent accepted .....	0	170	48	0	0	0	67	22	0	0	†	39.4	45.8	†	†
Information not available .....	814	1,699	410	7,981	4,247	734	814	121	2,551	1,253	90.2	47.9	29.5	32.0	29.5
2-year institutions.....	380,867	437,417	422,568	477,805	475,877	153,329	176,416	165,158	198,873	199,412	40.3	40.3	39.1	41.6	41.9
Public institutions .....	370,653	427,019	413,310	468,321	467,785	148,115	171,315	160,315	193,853	195,224	40.0	40.1	38.8	41.4	41.7
Nonprofit institutions .....	1,757	1,528	1,330	760	751	973	909	705	400	368	55.4	59.5	53.0	52.6	49.0
For-profit institutions.....	8,457	8,870	7,928	8,724	7,341	4,241	4,192	4,138	4,620	3,820	50.1	47.3	52.2	53.0	52.0

†Not applicable.

<sup>†</sup>Adjusted student counts exclude students who died or were totally and permanently disabled, served in the armed forces (including those called to active duty), served with a foreign aid service of the federal government (e.g., Peace Corps), or served on official church missions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2008 and Spring 2011, Enrollment component. (This table was prepared November 2012.)

**Table 379. Percentage distribution of first-time postsecondary students starting at 2- and 4-year institutions during the 2003–04 academic year, by highest degree attained, enrollment status, and selected characteristics: Spring 2009**

[Standard errors appear in parentheses]

Selected characteristic	Students starting at 2-year institutions						Students starting at 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>			Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Total .....</b>	<b>35.1 (0.86)</b>	<b>9.5 (0.68)</b>	<b>15.0 (0.63)</b>	<b>10.6 (0.63)</b>	<b>18.5 (0.98)</b>	<b>46.4 (1.01)</b>	<b>64.2 (1.18)</b>	<b>1.7 (0.24)</b>	<b>4.6 (0.49)</b>	<b>58.0 (1.34)</b>	<b>12.2 (0.60)</b>	<b>23.6 (0.97)</b>
Sex .....												
Male .....	33.3 (1.54)	9.4 (1.19)	13.7 (1.00)	10.3 (0.79)	19.1 (1.64)	47.6 (1.54)	61.4 (1.40)	1.2 (0.29)	5.1 (0.72)	55.1 (1.54)	13.9 (0.86)	24.8 (1.18)
Female .....	36.5 (1.18)	9.6 (0.90)	16.0 (0.92)	10.9 (0.83)	18.1 (0.93)	45.4 (1.37)	66.5 (1.45)	2.1 (0.34)	4.2 (0.51)	60.2 (1.58)	10.9 (0.71)	22.6 (1.24)
Age when first enrolled .....												
18 years old or younger .....	39.4 (1.63)	6.1 (0.78)	15.5 (1.24)	17.9 (1.36)	20.6 (1.70)	40.0 (1.58)	69.1 (1.27)	1.6 (0.29)	3.7 (0.45)	63.8 (1.41)	11.2 (0.76)	19.8 (1.07)
19 years old .....	37.7 (2.04)	8.9 (2.01)	16.2 (1.46)	12.6 (1.21)	17.7 (1.57)	44.6 (1.75)	65.1 (1.43)	1.0 (0.24)	4.2 (0.63)	59.9 (1.51)	12.3 (0.92)	22.6 (1.16)
20 to 23 years old .....	29.1 (1.94)	10.3 (1.38)	14.6 (1.68)	4.1 (0.69)	21.9 (1.92)	49.0 (2.10)	41.9 (3.78)	4.1 ! (1.62)	8.4 (1.74)	29.4 (3.71)	17.8 (2.91)	40.3 (3.49)
24 to 29 years old .....	28.8 (4.04)	15.6 (3.98)	10.8 (1.98)	2.5 (0.74)	17.2 (2.62)	53.9 (4.05)	32.7 (5.77)	‡ (†)	9.4 ! (4.28)	20.4 (5.06)	18.8 (4.87)	48.6 (5.81)
30 years old or over .....	31.7 (2.43)	14.4 (2.08)	15.0 (1.89)	‡ (†)	10.4 (1.97)	57.9 (2.65)	33.7 (7.09)	3.9 ! (1.84)	13.4 ! (5.05)	16.4 ! (6.14)	14.8 (3.97)	51.4 (7.32)
Race/ethnicity .....												
White .....	38.9 (1.16)	9.8 (1.0)	16.6 (0.82)	12.5 (0.85)	16.2 (1.21)	44.9 (1.31)	68.9 (1.04)	1.5 (0.31)	4.8 (0.54)	62.6 (1.31)	9.8 (0.58)	21.4 (0.94)
Black .....	28.1 (2.60)	11.3 (1.66)	11.4 (2.12)	5.3 (1.10)	22.0 (2.04)	50.0 (2.79)	46.9 (3.16)	2.2 ! (0.91)	4.2 ! (1.48)	40.5 (3.03)	19.6 (2.21)	33.6 (3.08)
Hispanic .....	28.3 (2.18)	8.2 (1.67)	12.7 (1.51)	7.4 (1.10)	18.8 (2.03)	52.9 (2.58)	48.8 (3.24)	2.2 ! (0.83)	5.1 (1.39)	41.5 (2.96)	18.6 (2.36)	32.5 (3.34)
Asian/Pacific Islander .....	38.3 (4.50)	6.5 ! (2.29)	14.6 (2.91)	17.2 (3.50)	29.0 (4.58)	32.7 (3.51)	72.8 (3.21)	1.4 ! (0.67)	2.1 ! (0.94)	69.3 (3.22)	11.9 (2.23)	15.2 (2.59)
American Indian/Alaska Native .....	32.1 (9.62)	‡ (†)	‡ (†)	‡ (†)	28.4 ! (10.89)	39.6 (10.68)	51.5 (9.53)	‡ (†)	‡ (†)	39.3 (9.11)	19.3 ! (8.63)	29.3 ! (10.85)
Two or more races .....	33.9 (5.51)	9.0 ! (3.65)	14.6 ! (4.39)	10.3 (2.87)	21.4 (4.98)	44.7 (5.50)	57.1 (5.42)	‡ (†)	4.0 ! (1.83)	50.4 (5.57)	19.2 (4.71)	23.6 (4.32)
Highest education level of parents .....												
High school diploma or less .....	32.0 (1.42)	11.0 (1.30)	14.3 (1.05)	6.7 (0.72)	17.1 (1.18)	50.9 (1.51)	49.9 (2.12)	2.9 (0.83)	6.6 (0.97)	40.4 (2.01)	15.4 (1.33)	34.7 (1.98)
Some college/vocational .....	38.3 (2.24)	9.6 (1.48)	17.6 (1.17)	11.1 (1.07)	18.0 (1.70)	43.8 (2.06)	59.1 (1.90)	2.3 ! (0.76)	7.0 (1.08)	49.8 (2.11)	13.4 (1.24)	27.5 (1.84)
Bachelor's degree .....	39.4 (1.91)	8.2 (1.60)	14.1 (1.87)	17.2 (1.74)	20.6 (2.09)	40.0 (2.53)	70.1 (1.60)	1.2 (0.28)	3.4 (0.58)	65.6 (1.62)	11.0 (0.87)	18.9 (1.41)
Advanced (higher than bachelor's) degree .....	37.2 (3.03)	6.2 (1.70)	13.7 (1.81)	17.2 (2.09)	22.4 (2.56)	40.4 (3.74)	75.8 (1.44)	0.6 ! (0.24)	2.1 (0.39)	73.1 (1.51)	9.2 (0.78)	15.0 (1.35)
Dependency status when first enrolled .....												
Dependent .....	39.4 (1.26)	7.5 (0.76)	16.7 (0.85)	15.2 (0.88)	19.6 (1.19)	41.0 (1.15)	68.3 (1.06)	1.4 (0.22)	4.2 (0.45)	62.7 (1.22)	11.6 (0.63)	20.1 (0.90)
Independent .....	28.3 (1.44)	12.8 (1.26)	12.3 (1.13)	3.3 (0.60)	16.8 (1.42)	54.9 (1.75)	31.4 (3.08)	3.7 (1.10)	7.5 (1.92)	20.2 (2.84)	17.3 (2.61)	51.3 (3.25)
Dependent student family income in 2002 .....												
Less than \$25,000 .....	34.6 (2.35)	8.4 (1.48)	14.5 (1.54)	11.7 (1.73)	18.0 (1.91)	47.4 (2.43)	52.7 (2.28)	2.8 ! (1.09)	5.0 (1.00)	44.9 (2.40)	15.9 (1.63)	31.4 (2.38)
\$25,000 to \$44,999 .....	36.0 (2.12)	7.3 (1.36)	16.4 (1.75)	12.3 (1.60)	19.0 (2.24)	45.0 (2.67)	62.7 (2.31)	1.9 (0.53)	5.4 (1.03)	55.3 (2.50)	13.1 (1.69)	24.2 (1.97)
\$45,000 to \$69,999 .....	41.3 (2.13)	7.1 (1.29)	17.6 (1.59)	16.6 (1.58)	22.0 (1.92)	36.7 (1.86)	67.1 (1.94)	1.5 (0.34)	5.1 (0.77)	60.6 (2.00)	12.8 (1.27)	20.1 (1.86)
\$70,000 to \$99,999 .....	43.1 (3.50)	7.6 ! (3.67)	16.3 (2.58)	19.1 (2.14)	18.4 (2.75)	38.5 (2.76)	71.9 (1.64)	0.9 ! (0.30)	4.4 (0.88)	66.7 (1.85)	9.4 (0.83)	18.7 (1.37)
\$100,000 or more .....	45.0 (3.56)	6.6 (1.77)	19.6 (3.74)	18.8 (2.40)	20.5 (3.25)	34.4 (3.61)	80.0 (1.30)	0.7 ! (0.29)	1.9 (0.37)	77.5 (1.38)	8.5 (0.94)	11.4 (0.99)
Timing of postsecondary enrollment .....												
Delayed entry .....	29.1 (1.25)	11.0 (1.11)	13.2 (1.02)	4.9 (0.63)	17.2 (1.26)	53.7 (1.44)	36.6 (2.80)	3.8 (1.01)	7.9 (1.54)	24.9 (2.53)	17.8 (2.06)	45.6 (2.75)
Did not delay entry <sup>3</sup> .....	41.0 (1.36)	7.8 (0.86)	17.0 (0.99)	16.2 (1.00)	20.1 (1.44)	38.8 (1.16)	69.2 (1.05)	1.3 (0.21)	4.0 (0.40)	64.0 (1.17)	11.1 (0.61)	19.6 (0.91)
Intensity of enrollment through 2009 .....												
Always full-time .....	44.9 (1.66)	11.4 (1.50)	18.0 (1.42)	15.5 (1.11)	10.1 (0.87)	44.9 (1.65)	73.7 (1.15)	1.2 (0.26)	3.8 (0.55)	68.7 (1.41)	6.7 (0.46)	19.6 (1.03)
Always part-time .....	13.9 (2.80)	8.4 ! (2.79)	5.5 (1.12)	‡ (†)	13.3 (1.79)	72.8 (2.68)	12.5 ! (4.93)	‡ (†)	‡ (†)	‡ (†)	13.8 ! (4.23)	73.6 (6.59)
Mixed .....	36.6 (1.32)	8.7 (0.83)	16.6 (1.10)	11.4 (0.99)	26.1 (1.34)	37.2 (1.69)	48.3 (1.59)	2.7 (0.47)	6.1 (0.72)	39.5 (1.60)	23.3 (1.39)	28.4 (1.42)
Remedial course taken in 2003–04 .....												
No .....	35.4 (0.95)	10.0 (0.84)	14.5 (0.81)	10.9 (0.78)	17.6 (0.99)	47.0 (1.21)	65.2 (1.23)	1.8 (0.28)	4.4 (0.53)	59.0 (1.43)	11.5 (0.62)	23.4 (1.05)
Yes .....	34.3 (2.10)	8.3 (1.62)	16.2 (1.37)	9.8 (0.98)	21.0 (1.70)	44.7 (1.92)	59.6 (1.98)	1.2 (0.32)	5.4 (0.92)	53.0 (2.13)	15.7 (1.44)	24.6 (1.81)

See notes at end of table.

**Table 379. Percentage distribution of first-time postsecondary students starting at 2- and 4-year institutions during the 2003–04 academic year, by highest degree attained, enrollment status, and selected characteristics: Spring 2009—Continued**

[Standard errors appear in parentheses]

Selected characteristic	Students starting at 2-year institutions						Students starting at 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>			Total, any degree <sup>1</sup>	Certificate	Associate's	Bachelor's <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11	12	13
Highest degree expected in 2003–04												
No degree or certificate .....	‡ (t)	‡ (t)	‡ (t)	# (t)	‡ (t)	87.3 (4.75)	‡ (t)	‡ (t)	‡ (t)	‡ (t)	‡ (t)	‡ (t)
Certificate .....	44.8 (5.47)	42.8 (5.28)	‡ (t)	‡ (t)	6.9 (2.02)	48.3 (5.60)	41.2 ! (18.43)	‡ (t)	‡ (t)	‡ (t)	‡ (t)	‡ (t)
Associate's degree .....	34.6 (2.38)	13.9 (2.05)	19.3 (1.86)	1.4 ! (0.49)	12.3 (1.69)	53.1 (2.80)	43.7 (8.43)	16.2 ! (5.50)	21.3 ! (7.06)	6.1 ! (2.93)	12.8 ! (5.09)	43.5 (7.70)
Bachelor's degree <sup>4</sup> .....	32.7 (1.81)	8.0 (1.49)	15.4 (1.02)	9.3 (1.03)	18.1 (1.50)	49.3 (1.60)	55.2 (2.02)	2.2 (0.52)	6.8 (1.02)	46.2 (2.07)	15.1 (1.37)	29.7 (1.59)
Master's degree <sup>4</sup> .....	38.2 (1.72)	7.0 (1.32)	14.8 (1.21)	16.4 (1.19)	22.7 (1.63)	39.1 (1.66)	66.7 (1.42)	1.0 (0.25)	4.1 (0.62)	61.7 (1.42)	11.2 (0.77)	22.1 (1.32)
Doctoral/first-professional degree <sup>4</sup> .....	34.7 (2.30)	4.8 (0.93)	13.8 (2.02)	16.0 (1.65)	22.4 (2.54)	42.9 (3.25)	70.6 (1.57)	1.3 (0.36)	1.9 (0.36)	67.4 (1.69)	11.0 (0.95)	18.3 (1.35)
Work intensity (including work-study) in 2003–04												
Did not work .....	34.7 (1.79)	11.2 (1.57)	15.8 (1.20)	7.7 (0.85)	19.9 (1.80)	45.3 (2.16)	69.9 (1.35)	0.8 (0.18)	3.4 (0.55)	65.8 (1.47)	10.9 (0.92)	19.1 (1.08)
Worked part time .....	39.9 (2.08)	7.9 (1.20)	17.4 (1.00)	14.6 (1.04)	17.2 (1.28)	42.8 (1.70)	66.2 (1.42)	1.7 (0.31)	5.2 (0.69)	59.3 (1.44)	12.1 (0.85)	21.7 (1.21)
Worked full time .....	28.6 (1.96)	10.6 (1.63)	10.9 (1.08)	7.2 (0.94)	19.3 (1.53)	52.1 (2.10)	40.1 (2.93)	4.1 (1.22)	5.9 (1.20)	30.1 (2.60)	16.5 (1.77)	43.4 (2.86)
Control of first institution												
Public .....	34.4 (0.95)	8.5 (0.68)	14.4 (0.61)	11.6 (0.68)	19.6 (1.03)	46.0 (1.00)	64.8 (1.22)	1.6 (0.23)	3.8 (0.45)	59.5 (1.32)	12.9 (0.73)	22.2 (0.98)
Private, nonprofit .....	46.2 (8.52)	13.3 ! (6.56)	21.5 ! (6.76)	11.3 ! (4.99)	10.4 ! (3.32)	43.4 (8.28)	69.9 (1.45)	1.5 (0.37)	3.8 (0.95)	64.6 (1.89)	11.1 (1.02)	19.0 (1.18)
Private, for profit .....	39.5 (3.70)	19.6 (4.78)	19.5 (3.51)	‡ (t)	9.6 (2.61)	50.9 (4.64)	33.9 (4.37)	‡ (t)	14.6 (3.45)	15.7 (3.78)	11.3 (2.44)	54.8 (3.82)
Income quartile in 2003–04 <sup>5</sup>												
Lowest quartile .....	30.6 (1.45)	9.4 (1.27)	13.0 (1.14)	8.3 (0.84)	18.4 (1.46)	51.0 (1.78)	49.5 (1.91)	2.7 (0.73)	4.6 (0.74)	42.2 (2.15)	16.2 (1.37)	34.3 (1.75)
Second quartile .....	37.1 (1.58)	10.5 (1.56)	15.8 (1.26)	10.8 (0.97)	19.7 (1.58)	43.2 (1.86)	60.5 (2.04)	2.4 (0.51)	6.5 (1.10)	51.6 (2.20)	13.5 (1.16)	26.0 (1.82)
Third quartile .....	36.3 (2.51)	9.6 (1.71)	15.0 (1.35)	11.6 (1.53)	18.7 (1.64)	45.0 (2.18)	67.2 (1.58)	1.3 (0.31)	4.9 (0.80)	61.0 (1.85)	11.2 (0.88)	21.6 (1.55)
Highest quartile .....	38.6 (2.51)	8.1 (1.49)	17.3 (1.96)	13.2 (1.65)	16.5 (2.30)	45.0 (3.20)	76.8 (1.37)	0.6 ! (0.25)	2.4 (0.46)	73.8 (1.42)	8.7 (0.80)	14.4 (1.18)

‡Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes a small percentage of students who had attained a degree and were still enrolled. Includes recipients of degrees not shown separately.

<sup>2</sup>Includes a small percentage of students who had attained an advanced degree.

<sup>3</sup>Includes students with a standard high school diploma who enrolled in postsecondary education in the same year as their graduation.

<sup>4</sup>Students starting at 2-year institutions include students whose goal was to transfer to a 4-year institution.

<sup>5</sup>Indicates the income quartile of the student, based on the student's total income in 2002 for independent students or the parents' total income in 2002 for dependent students. Income quartiles were determined separately for dependent and independent students based on percentile rankings and then combined into one variable.

NOTE: Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2004/09 Beginning Postsecondary Students Longitudinal Study (BPS:04/09). (This table was prepared November 2011.)

**Table 380. Average scores on Graduate Record Examination (GRE) general and subject tests: 1965 through 2011**  
[Standard deviations appear in square brackets]

Academic year ending	Number of GRE takers	GRE takers as a percent of bachelor's degrees <sup>1</sup>	General test sections				Subject tests									
			Verbal	Quantitative	Analytical reasoning	Analytical writing	Biochemistry, cell and molecular biology	Biology	Chemistry	Computer science	Education	Engineering	Literature	Mathematics	Physics	Psychology
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1965.....	93,792	18.7	530 [124]	533 [137]	† [†]	† [†]	† [†]	617 [117]	628 [114]	† [†]	481 [86]	618 [108]	591 [95]	— [†]	— [†]	556 [91]
1966.....	123,960	23.8	520 [124]	528 [133]	† [†]	† [†]	† [†]	610 [115]	618 [110]	† [†]	474 [87]	609 [106]	588 [94]	— [†]	— [†]	552 [91]
1967.....	151,134	27.0	519 [125]	528 [134]	† [†]	† [†]	† [†]	613 [114]	615 [104]	† [†]	476 [90]	603 [104]	582 [91]	— [†]	— [†]	553 [93]
1968.....	182,432	28.8	520 [124]	527 [135]	† [†]	† [†]	† [†]	614 [114]	617 [104]	† [†]	478 [87]	601 [105]	572 [91]	— [†]	— [†]	547 [93]
1969.....	206,113	28.3	515 [124]	524 [132]	† [†]	† [†]	† [†]	613 [112]	613 [104]	† [†]	477 [88]	591 [103]	569 [89]	— [†]	— [†]	543 [89]
1970.....	265,359	33.5	503 [123]	516 [132]	† [†]	† [†]	† [†]	603 [111]	613 [113]	† [†]	462 [92]	586 [110]	556 [90]	— [†]	— [†]	532 [91]
1971.....	293,600	35.0	497 [125]	512 [134]	† [†]	† [†]	† [†]	603 [114]	618 [117]	† [†]	457 [95]	587 [115]	546 [91]	— [†]	— [†]	530 [92]
1972.....	293,506	33.1	494 [126]	508 [136]	† [†]	† [†]	† [†]	606 [115]	624 [124]	† [†]	446 [93]	594 [119]	544 [96]	— [†]	— [†]	528 [92]
1973.....	290,104	31.5	497 [125]	512 [135]	† [†]	† [†]	† [†]	619 [110]	630 [114]	† [†]	459 [96]	593 [114]	545 [96]	— [†]	— [†]	529 [92]
1974.....	301,070	31.8	492 [126]	509 [137]	† [†]	† [†]	† [†]	624 [110]	634 [115]	† [†]	452 [93]	591 [121]	547 [99]	— [†]	— [†]	530 [95]
1975.....	298,335	32.3	493 [125]	508 [137]	† [†]	† [†]	† [†]	— [†]	— [†]	† [†]	— [†]	— [†]	— [†]	— [†]	— [†]	— [†]
1976.....	299,292	32.3	492 [127]	510 [138]	† [†]	† [†]	† [†]	627 [112]	627 [107]	— [†]	454 [93]	594 [119]	539 [101]	— [†]	— [†]	531 [93]
1977.....	287,715	31.3	490 [129]	514 [139]	† [†]	† [†]	† [†]	625 [113]	630 [109]	— [†]	453 [93]	592 [115]	532 [101]	— [†]	— [†]	532 [95]
1978.....	286,383	31.1	484 [128]	518 [135]	† [†]	† [†]	† [†]	622 [113]	624 [108]	— [†]	452 [91]	594 [114]	530 [102]	— [†]	— [†]	529 [97]
1979.....	282,482	30.7	476 [130]	517 [135]	† [†]	† [†]	† [†]	621 [117]	623 [104]	— [†]	451 [89]	592 [115]	525 [102]	— [†]	— [†]	530 [97]
1980.....	272,281	29.3	474 [131]	522 [136]	† [†]	† [†]	† [†]	619 [115]	618 [105]	— [†]	449 [90]	590 [116]	521 [105]	— [†]	— [†]	534 [98]
1981.....	262,855	28.1	473 [128]	523 [136]	† [†]	† [†]	† [†]	617 [115]	615 [103]	— [†]	453 [90]	590 [116]	520 [99]	— [†]	— [†]	532 [97]
1982.....	256,381	26.9	469 [130]	533 [137]	498 [126]	† [†]	† [†]	616 [114]	616 [105]	— [†]	456 [89]	593 [115]	521 [100]	— [†]	— [†]	532 [97]
1983.....	263,674	27.2	473 [131]	541 [138]	504 [128]	† [†]	† [†]	623 [115]	620 [105]	— [†]	459 [90]	599 [114]	527 [98]	— [†]	— [†]	542 [95]
1984.....	265,221	27.2	475 [130]	541 [139]	512 [129]	† [†]	† [†]	622 [115]	619 [102]	— [†]	461 [90]	604 [114]	530 [97]	— [†]	— [†]	543 [96]
1985.....	271,972	27.8	474 [126]	545 [140]	516 [129]	† [†]	† [†]	619 [114]	621 [101]	— [†]	459 [89]	615 [120]	531 [95]	— [†]	— [†]	541 [95]
1986.....	279,428	28.3	475 [126]	552 [140]	520 [129]	† [†]	† [†]	612 [114]	628 [106]	— [†]	464 [87]	616 [119]	527 [96]	— [†]	— [†]	542 [97]
1987.....	293,560	29.6	477 [126]	550 [140]	521 [128]	† [†]	† [†]	616 [116]	629 [104]	— [†]	465 [86]	619 [119]	526 [95]	— [†]	— [†]	536 [95]
1988.....	303,703	30.5	483 [123]	557 [140]	528 [128]	† [†]	† [†]	615 [114]	631 [108]	— [†]	467 [85]	622 [120]	525 [94]	— [†]	— [†]	537 [94]
1989.....	326,096	32.0	484 [125]	560 [142]	530 [129]	† [†]	† [†]	612 [114]	642 [117]	— [†]	465 [87]	626 [116]	528 [91]	— [†]	— [†]	538 [95]
1990.....	344,572	32.8	486 [123]	562 [143]	534 [128]	† [†]	— [†]	612 [114]	662 [123]	— [†]	461 [84]	617 [111]	523 [92]	— [†]	— [†]	537 [95]
1991.....	379,882	34.7	485 [122]	562 [141]	536 [129]	† [†]	— [†]	609 [113]	660 [123]	— [†]	457 [85]	611 [111]	523 [93]	— [†]	— [†]	535 [95]
1992.....	411,528	36.2	483 [120]	561 [140]	537 [129]	† [†]	— [†]	605 [113]	654 [128]	— [†]	462 [82]	610 [117]	525 [92]	— [†]	— [†]	536 [95]
1993.....	400,246	34.4	481 [117]	557 [140]	541 [129]	† [†]	— [†]	606 [114]	662 [133]	— [†]	462 [80]	602 [115]	516 [94]	— [†]	— [†]	536 [97]
1994.....	399,395 <sup>2</sup>	34.2	479 [116]	553 [139]	545 [129]	† [†]	— [†]	620 [116]	627 [113]	— [†]	493 <sup>3</sup> [104]	601 [115]	517 [95]	— [†]	— [†]	538 [96]
1995.....	389,539 <sup>2</sup>	33.6	477 [115]	553 [140]	544 [131]	† [†]	— [†]	622 [116]	675 [138]	— [†]	488 <sup>3</sup> [102]	596 [113]	513 [96]	— [†]	— [†]	544 [98]
1996.....	376,013 <sup>2</sup>	32.3	473 [114]	558 [139]	549 [131]	† [†]	— [†]	614 [114]	678 [135]	— [†]	489 <sup>3</sup> [104]	604 [119]	512 [97]	— [†]	— [†]	547 [99]
1997.....	376,062 <sup>2</sup>	32.1	472 [113]	562 [139]	548 [129]	† [†]	— [†]	620 [115]	684 [143]	— [†]	487 <sup>3</sup> [103]	602 [114]	525 [100]	— [†]	— [†]	554 [99]
1998.....	364,554 <sup>2</sup>	30.8	471 [113]	569 [141]	543 [133]	† [†]	— [†]	628 [113]	686 [137]	— [†]	477 <sup>3</sup> [100]	609 [118]	530 [100]	— [†]	— [†]	563 [100]
1999 <sup>4</sup> .....	396,330	33.0	468 [114]	565 [143]	542 [133]	† [†]	— [†]	626 [114]	684 [137]	— [†]	† [†]	604 [115]	527 [100]	— [†]	— [†]	559 [99]

See notes at end of table.

**Table 380. Average scores on Graduate Record Examination (GRE) general and subject tests: 1965 through 2011—Continued**  
 [Standard deviations appear in square brackets]

Academic year ending	Number of GRE takers	GRE takers as a percent of bachelor's degrees <sup>1</sup>	General test sections				Subject tests									
			Verbal	Quantitative	Analytical reasoning	Analytical writing	Biochemistry, cell and molecular biology	Biology	Chemistry	Computer science	Education	Engineering	Literature	Mathematics	Physics	Psychology
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2000 <sup>4</sup> .....	387,422	31.3	465 [116]	578 [147]	562 [141]	† [†]	— [†]	629 [114]	686 [133]	— [†]	† [†]	— [†]	530 [99]	— [†]	— [†]	563 [98]
2001.....	433,109	34.8	— [†]	— [†]	— [†]	† [†]	— [†]	— [†]	— [†]	— [†]	† [†]	— [†]	— [†]	— [†]	— [†]	— [†]
2002.....	536,523	41.5	473 [123]	597 [151]	571 [139]	† [†]	— [†]	— [†]	— [†]	— [†]	† [†]	— [†]	— [†]	— [†]	— [†]	— [†]
2003 <sup>5,6</sup> .....	440,982	32.7	470 [121]	598 [148]	† [†]	4.2 [1.0]	517 [100]	635 [114]	682 [125]	712 [97]	† [†]	† [†]	538 [98]	620 [131]	669 [151]	580 [101]
2004 <sup>5,6,7</sup> .....	446,661	31.9	469 [120]	597 [148]	† [†]	4.2 [1.0]	517 [101]	643 [115]	675 [120]	715 [93]	† [†]	† [†]	537 [97]	621 [130]	665 [148]	586 [101]
2005 <sup>5,6,7</sup> .....	474,594	33.0	467 [118]	591 [148]	† [†]	4.2 [0.9]	518 [100]	647 [117]	675 [117]	715 [91]	† [†]	† [†]	540 [97]	623 [130]	672 [151]	592 [101]
2006 <sup>5,7,8</sup> .....	506,633	34.1	465 [117]	584 [149]	† [†]	4.1 [0.9]	519 [99]	650 [118]	677 [116]	717 [92]	† [†]	† [†]	541 [97]	627 [129]	678 [153]	598 [101]
2007 <sup>5,7,8</sup> .....	556,729	36.5	462 [119]	584 [151]	† [†]	4.0 [0.9]	521 [97]	650 [120]	689 [115]	715 [91]	† [†]	† [†]	542 [98]	636 [130]	686 [155]	600 [101]
2008 <sup>5,7,8</sup> .....	540,441	34.6	457 [121]	586 [152]	† [†]	3.9 [0.9]	525 [97]	651 [120]	694 [116]	712 [92]	† [†]	† [†]	541 [98]	640 [131]	692 [156]	603 [101]
2009 <sup>5,7,8</sup> .....	597,171	37.3	456 [120]	590 [150]	† [†]	3.8 [0.9]	523 [97]	650 [120]	699 [115]	708 [91]	† [†]	† [†]	541 [97]	648 [134]	692 [156]	605 [103]
2010 <sup>8</sup> .....	630,212	38.2	— [†]	— [†]	† [†]	— [†]	525 [97]	651 [121]	700 [115]	702 [96]	† [†]	† [†]	542 [98]	650 [134]	692 [157]	609 [103]
2011.....	700,713	40.8	151 <sup>9</sup> [9]	151 <sup>9</sup> [9]	† [†]	3.7 <sup>9</sup> [0.9]	525 [97]	651 [122]	703 [114]	698 [99]	† [†]	† [†]	547 [98]	655 [135]	689 [156]	612 [103]

—Not available.

†Not applicable.

<sup>1</sup>GRE takers include examinees from inside and outside of the United States, while the bachelor's degrees include only those conferred by U.S. institutions.

<sup>2</sup>Total includes examinees who received no score on one or more general test measures.

<sup>3</sup>Data reported for 1994 through 1998 are from the revised education test.

<sup>4</sup>Subject test score data reflect the 3-year average for all examinees who tested between October 1 three years prior to the reported test year and September 30 of the reported test year. These data are not directly comparable with data for most other years.

<sup>5</sup>Subject test score data reflect the 3-year average for all examinees who tested between July 1 three years prior to the reported test year and June 30 of the reported test year. These data are not directly comparable with previous years, except for 1999 and 2000.

<sup>6</sup>Analytical writing test score data reflect the average for all examinees who tested between October 1, 2002, and June 30 of the reported test year.

<sup>7</sup>Verbal and quantitative test score data reflect the 3-year average for all examinees who tested between July 1 three years prior to the reported test year and June 30 of the reported test year. These data are not directly comparable with previous years.

<sup>8</sup>Analytical writing test score data reflect the 3-year average for all examinees who tested between July 1 three years prior to the reported test year and June 30 of the reported test year.

<sup>9</sup>On August 1, 2011, the GRE revised general test was introduced. Scores for the revised verbal reasoning and quantitative reasoning sections range from 130 to 170, in 1-point increments. Scores for the revised analytical writing section continue to range from 0 to 6, in half-point increments. For all three sections of the revised general test, 2011 scores are based on the performance of all examinees who tested between August 1, 2011, and April 30, 2012. These scores are not comparable with scores from previous years.

NOTE: GRE data include test takers from both within and outside of the United States. Prior to 2011, GRE scores for the verbal, quantitative, and analytical reasoning sections range from 200 to 800. Scores for the analytical writing section range from 0 to 6, in half-point increments. The range of scores is different for the various subject tests, from as low as 200 to as high as 990. The analytical reasoning section of the GRE, a multiple-choice test, was discontinued in September 2002 and replaced by the analytical writing section, an essay-based test. The education subject test was administered for the final time in April 1998. The engineering subject test was administered for the final time in April 2001.

SOURCE: Graduate Record Examination Board, *Examinee and Score Trends for the GRE General Test, 1964–65 through 1985–86; A Summary of Data Collected From Graduate Record Examinations Test-Takers During 1986–87; Guide to the Use of Scores, 1987–88 through 2012–13; GRE Volumes by Country, 2000–2011*; and *Interpreting Your GRE Scores, 2005–06 through 2011–12*. U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), “Degrees and Other Formal Awards Conferred” surveys, 1964–65 through 1985–86; Integrated Post-secondary Education Data System (IPEDS), “Completions Survey” (IPEDS-C:87–99); and IPEDS Fall 2000 through Fall 2011, Completions component. (This table was prepared November 2012.)

**Table 381. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting institutions, by level and control of institution: 1969–70 through 2011–12**

Year and control of institution	Constant 2011–12 dollars <sup>1</sup>												Current dollars											
	Total tuition, fees, room, and board			Tuition and required fees (in-state for public institutions)			Dormitory rooms			Board (7-day basis) <sup>2</sup>			Total tuition, fees, room, and board			Tuition and required fees (in-state for public institutions)			Dormitory rooms			Board (7-day basis) <sup>2</sup>		
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>All institutions</b>																								
1969–70.....	\$9,502	\$10,180	\$6,824	\$3,889	\$4,540	\$1,507	\$2,344	\$2,359	\$2,096	\$3,269	\$3,281	\$3,222	\$1,577	\$1,690	\$1,133	\$646	\$754	\$250	\$389	\$392	\$348	\$543	\$545	\$535
1970–71.....	9,572	10,334	6,678	3,941	4,662	1,429	2,399	2,417	2,116	3,231	3,256	3,133	1,671	1,804	1,166	688	814	249	419	422	369	564	568	547
1971–72.....	9,671	10,505	6,628	4,003	4,785	1,387	2,460	2,480	2,162	3,208	3,240	3,079	1,749	1,900	1,199	724	865	251	445	448	391	580	586	557
1972–73.....	9,826	10,880	6,868	4,037	5,052	1,525	2,593	2,618	2,205	3,195	3,210	3,138	1,848	2,047	1,292	759	950	287	488	492	415	601	604	590
1973–74.....	9,392	10,354	6,718	3,883	4,806	1,603	2,418	2,440	2,097	3,090	3,109	3,018	1,924	2,121	1,376	796	985	328	495	500	430	633	637	618
1974–75.....	8,812	9,719	6,344	3,556	4,429	1,439	2,320	2,341	2,022	2,936	2,950	2,882	2,006	2,212	1,444	809	1,008	328	528	533	460	668	671	656
1975–76.....	8,723	9,774	6,076	3,402	4,403	1,220	2,334	2,364	1,945	2,987	3,007	2,911	2,126	2,382	1,481	829	1,073	297	569	576	474	728	733	709
1976–77.....	8,822	9,991	6,195	3,583	4,724	1,340	2,339	2,368	1,949	2,899	2,899	2,906	2,275	2,577	1,598	924	1,218	346	603	611	503	748	748	750
1977–78.....	8,759	9,901	6,189	3,577	4,692	1,374	2,344	2,376	1,907	2,838	2,833	2,909	2,411	2,725	1,703	984	1,291	378	645	654	525	781	780	801
1978–79.....	8,593	9,691	6,073	3,563	4,640	1,365	2,285	2,311	1,910	2,744	2,741	2,798	2,587	2,917	1,828	1,073	1,397	411	688	696	575	826	825	842
1979–80.....	8,234	9,284	5,802	3,409	4,435	1,322	2,201	2,226	1,841	2,624	2,623	2,640	2,809	3,167	1,979	1,163	1,513	451	751	759	628	895	895	900
1980–81.....	8,147	9,193	5,859	3,385	4,410	1,382	2,197	2,222	1,851	2,565	2,561	2,626	3,101	3,499	2,230	1,289	1,679	526	836	846	705	976	975	1,000
1981–82.....	8,438	9,554	5,986	3,522	4,612	1,426	2,297	2,325	1,916	2,619	2,617	2,644	3,489	3,951	2,476	1,457	1,907	590	950	961	793	1,083	1,082	1,094
1982–83.....	8,988	10,215	6,291	3,770	4,960	1,564	2,466	2,499	2,025	2,753	2,756	2,702	3,877	4,406	2,713	1,626	2,139	675	1,064	1,078	873	1,187	1,189	1,165
1983–84.....	9,317	10,614	6,382	3,986	5,240	1,633	2,560	2,598	2,048	2,771	2,776	2,701	4,167	4,747	2,854	1,783	2,344	730	1,145	1,162	916	1,239	1,242	1,208
1984–85.....	9,817	11,103	6,841	4,272	5,524	1,767	2,726	2,759	2,276	2,819	2,820	2,798	4,563	5,160	3,179	1,985	2,567	821	1,267	1,282	1,058	1,310	1,311	1,301
1985–86 <sup>3</sup> .....	10,215	11,511	7,041	4,561	5,823	1,858	2,799	2,833	2,315	2,855	2,855	2,868	4,885	5,504	3,367	2,181	2,784	888	1,338	1,355	1,107	1,365	1,365	1,372
1986–87.....	10,650	12,201	6,742	4,730	6,224	1,836	2,874	2,918	2,116	3,046	3,059	2,790	5,206	5,964	3,295	2,312	3,042	897	1,405	1,427	1,034	1,489	1,495	1,364
1987–88.....	10,794	12,322	6,410	4,829	6,288	1,590	2,922	2,979	1,998	3,043	3,055	2,822	5,494	6,272	3,263	2,458	3,201	809	1,488	1,516	1,017	1,549	1,555	1,437
1988–89.....	11,020	12,628	6,709	4,990	6,520	1,839	2,957	3,021	2,037	3,073	3,088	2,833	5,869	6,725	3,573	2,658	3,472	979	1,575	1,609	1,085	1,636	1,644	1,509
1989–90.....	11,125	12,925	6,640	5,088	6,811	1,752	2,935	3,001	1,980	3,101	3,113	2,908	6,207	7,212	3,705	2,839	3,800	978	1,638	1,675	1,105	1,730	1,737	1,622
1990–91.....	11,150	12,917	6,679	5,126	6,812	1,848	2,962	3,028	2,009	3,062	3,077	2,822	6,562	7,602	3,930	3,016	4,009	1,087	1,743	1,782	1,182	1,802	1,811	1,660
1991–92.....	11,653	13,564	6,738	5,410	7,221	1,958	3,086	3,163	1,993	3,157	3,180	2,787	7,077	8,238	4,092	3,286	4,385	1,189	1,874	1,921	1,210	1,918	1,931	1,692
1992–93.....	11,899	13,983	6,718	5,616	7,587	2,037	3,096	3,179	1,980	3,188	3,217	2,701	7,452	8,758	4,207	3,517	4,752	1,276	1,939	1,991	1,240	1,996	2,015	1,692
1993–94.....	12,344	14,468	6,924	5,957	7,967	2,177	3,202	3,285	2,073	3,186	3,216	2,674	7,931	9,296	4,449	3,827	5,119	1,399	2,057	2,111	1,332	2,047	2,067	1,718
1994–95.....	12,566	14,718	7,010	6,119	8,156	2,251	3,246	3,328	2,112	3,201	3,234	2,647	8,306	9,728	4,633	4,044	5,391	1,488	2,145	2,200	1,396	2,116	2,138	1,750
1995–96.....	12,962	15,215	6,959	6,390	8,522	2,242	3,334	3,414	2,169	3,238	3,279	2,548	8,800	10,330	4,725	4,338	5,786	1,522	2,264	2,318	1,473	2,199	2,226	1,730
1996–97.....	13,183	15,524	7,010	6,536	8,762	2,210	3,387	3,468	2,180	3,260	3,295	2,620	9,206	10,841	4,895	4,564	6,118	1,543	2,365	2,422	1,522	2,276	2,301	1,830
1997–98.....	13,489	15,866	7,305	6,690	8,935	2,384	3,439	3,527	2,248	3,361	3,404	2,673	9,588	11,277	5,192	4,755	6,351	1,695	2,444	2,507	1,598	2,389	2,419	1,900
1998–99.....	13,935	16,442	7,317	6,933	9,298	2,386	3,537	3,631	2,235	3,465	3,513	2,696	10,076	11,888	5,291	5,013	6,723	1,725	2,557	2,626	1,616	2,506	2,540	1,950
1999–2000.....	14,020	16,600	7,285	7,019	9,464	2,323	3,610	3,697	2,381	3,391	3,439	2,581	10,430	12,349	5,420	5,222	7,040	1,728	2,686	2,751	1,771	2,523	2,558	1,920
2000–01.....	14,062	16,795	7,104	6,989	9,581	2,207	3,667	3,760	2,314	3,407	3,455	2,583	10,820	12,922	5,466	5,377	7,372	1,698	2,821	2,893	1,781	2,621	2,658	1,987
2001–02.....	14,533	17,418	7,302	7,211	9,943	2,298	3,807	3,908	2,360	3,515	3,567	2,644	11,380	13,639	5,718	5,646	7,786	1,800	2,981	3,060	1,848	2,753	2,793	2,070
2002–03.....	15,012	18,043	7,813	7,500	10,382	2,378	3,973	4,078	2,596	3,539	3,583	2,839	12,014	14,439	6,252	6,002	8,309	1,903	3,179	3,263	2,077	2,832	2,867	2,272
2003–04.....	15,840	18,961	8,199	8,081	11,041	2,659	4,108	4,217	2,700	3,652	3,703	2,840	12,953	15,505	6,705	6,608	9,029	2,174	3,359	3,448	2,208	2,986	3,028	2,322
2004–05.....	16,375	19,599	8,423	8,455	11,522	2,775	4,240	4,347	2,794	3,680	3,730	2,854	13,793	16,510	7,095	7,122	9,706	2,338	3,572	3,662	2,354	3,100	3,142	2,404
2005–06.....	16,735	19,957	8,275	8,693	11,755	2,764	4,357	4,466	2,757	3,685	3,737	2,754	14,634	17,451	7,236	7,601	10,279	2,417	3,810	3,905	2,322	3,222	3,268	2,408
2006–07.....	17,260	20,591	8,323	9,021	12,185	2,782	4,480	4,588	2,817	3,759	3,817	2,723	15,483	18,471	7,466	8,092	10,931	2,496	4,019	4,116	2,527	3,372	3,424	2,443
2007–08.....	17,447	20,813	8,210	9,119	12,312	2,708	4,529	4,640	2,833	3,798	3,861	2,669	16,231	19,363	7,637	8,483	11,454	2,519	4,214	4,317	2,635	3,534	3,592	2,483
2008–09.....	18,120	21,636	8,733	9,427	12,769	2,776	4,713	4,831	2,947	3,979	4,036	2,717	17,092	20,409	8,238	8,893	12,045	2,618	4,446	4,557	2,780	3,754	3,807	2,839
2009–10.....	18,531	22,147	8,959	9,592	12,988	3,069	4,890	5,025	3,134	4,049	4,134	2,757	17,649	21,093	8,533	9,136	12,370	2,923	4,657	4,785	2,985	3,856	3,937	2,626
2010–11.....	19,039	22,740	9,170	9,879	13,347	3,185	5,016	5,162	3,167	4,143	4,231	2,817	18,497	22,092	8,909	9,598	12,967	3,095	4,874	5,015	3,077	4,025	4,111	2,737
2011–12.....	19,339	23,066	9,308	10,111	13,608	3,258	5,087	5,234	3,187	4,140	4,223	2,864	19,339	23,066	9,308	10,111	13,608	3,258	5,087	5,234	3,187	4,140	4,223	2,864

See notes at end of table.







**Table 381. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting institutions, by level and control of institution: 1969–70 through 2011–12—Continued**

Year and control of institution	Constant 2011–12 dollars <sup>1</sup>												Current dollars											
	Total tuition, fees, room, and board			Tuition and required fees (in-state for public institutions)			Dormitory rooms			Board (7-day basis) <sup>2</sup>			Total tuition, fees, room, and board			Tuition and required fees (in-state for public institutions)			Dormitory rooms			Board (7-day basis) <sup>2</sup>		
	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year	All institutions	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
<b>Nonprofit</b>																								
1999–2000 ..	28,214	28,539	15,711	20,043	20,340	9,265	4,306	4,329	2,843	3,864	3,870	3,603	20,989	21,231	11,688	14,911	15,131	6,893	3,204	3,221	2,115	2,875	2,879	2,680
2000–01 .....	28,507	28,814	15,228	20,270	20,550	9,056	4,350	4,374	2,610	3,887	3,890	3,562	21,934	22,170	11,717	15,596	15,811	6,968	3,347	3,365	2,008	2,991	2,993	2,740
2001–02 .....	29,475	29,701	16,564	20,995	21,204	10,378	4,515	4,527	2,943	3,964	3,970	3,243	23,080	23,257	12,970	16,440	16,604	8,126	3,536	3,544	2,304	3,104	3,109	2,540
2002–03 .....	30,336	30,548	18,047	21,692	21,890	11,130	4,652	4,662	3,307	3,992	3,995	3,610	24,276	24,446	14,442	17,359	17,517	8,907	3,723	3,731	2,646	3,195	3,197	2,889
2003–04 .....	31,409	31,615	19,039	22,536	22,726	11,723	4,778	4,787	3,489	4,096	4,102	3,827	25,685	25,853	15,569	18,429	18,584	9,587	3,907	3,915	2,853	3,349	3,354	3,129
2004–05 .....	32,152	32,355	18,883	23,147	23,330	11,764	4,882	4,890	3,477	4,122	4,135	3,641	27,083	27,255	15,906	19,498	19,652	9,910	4,113	4,119	2,929	3,472	3,483	3,067
2005–06 .....	32,615	32,812	18,674	23,521	23,709	11,800	4,935	4,944	3,450	4,159	4,159	3,424	28,520	28,692	16,329	20,568	20,732	10,318	4,315	4,323	3,017	3,637	3,637	2,994
2006–07 .....	33,627	33,800	19,710	24,348	24,518	12,191	5,053	5,058	3,986	4,226	4,223	3,533	30,165	30,320	17,681	21,841	21,994	10,936	4,532	4,537	3,576	3,791	3,788	3,169
2007–08 .....	34,313	34,452	20,270	24,940	25,076	12,672	5,080	5,085	4,080	4,293	4,290	3,518	31,921	32,050	18,857	23,201	23,328	11,789	4,725	4,730	3,796	3,994	3,991	3,272
2008–09 .....	35,704	35,837	21,490	25,975	26,118	13,361	5,255	5,260	4,123	4,474	4,459	4,006	33,679	33,804	20,271	24,502	24,636	12,603	4,957	4,962	3,889	4,221	4,206	3,779
2009–10 .....	36,685	36,813	21,814	26,682	26,829	13,288	5,432	5,437	4,322	4,570	4,547	4,204	34,939	35,061	20,776	25,413	25,552	12,656	5,174	5,178	4,116	4,353	4,331	4,004
2010–11 .....	37,314	37,430	20,683	27,156	27,300	13,040	5,559	5,566	4,098	4,599	4,563	3,545	36,252	36,364	20,094	26,383	26,523	12,669	5,401	5,408	3,981	4,468	4,433	3,444
2011–12 .....	37,768	37,906	23,041	27,510	27,686	14,193	5,623	5,629	4,289	4,635	4,591	4,559	37,768	37,906	23,041	27,510	27,686	14,193	5,623	5,629	4,289	4,635	4,591	4,559
<b>For-profit</b>																								
1999–2000 ..	21,674	22,243	21,149	11,704	11,642	11,783	5,708	6,226	5,258	4,262	4,376	4,108	16,124	16,547	15,734	8,707	8,661	8,766	4,247	4,631	3,912	3,171	3,255	3,056
2000–01 .....	22,988	23,681	22,174	13,247	13,531	12,926	5,857	6,447	5,140	3,884	3,703	4,108	17,688	18,220	17,061	10,192	10,411	9,945	4,507	4,960	3,955	2,988	2,849	3,161
2001–02 .....	23,723	25,251	21,655	13,869	14,136	13,574	5,912	6,892	4,571	3,943	4,223	3,509	18,576	19,772	16,956	10,860	11,069	10,629	4,629	5,396	3,579	3,087	3,307	2,748
2002–03 .....	24,610	25,041	24,248	14,133	14,254	13,907	5,721	6,727	4,411	4,756	4,060	5,930	19,694	20,039	19,404	11,310	11,407	11,129	4,578	5,384	3,530	3,806	3,249	4,746
2003–04 .....	26,685	26,760	27,356	15,015	15,161	14,703	6,227	7,037	4,881	5,443	4,562	7,772	21,822	21,883	22,371	12,278	12,398	12,024	5,092	5,754	3,992	4,451	3,730	6,355
2004–05 .....	27,421	27,797	26,536	15,475	15,667	14,967	6,714	6,960	6,113	5,232	5,170	5,456	23,098	23,415	22,353	13,036	13,197	12,607	5,655	5,863	5,149	4,407	4,355	4,596
2005–06 .....	26,940	26,560	29,356	15,138	15,226	14,819	6,959	7,416	5,462	4,843	3,918	9,075	23,557	23,225	25,670	13,237	13,315	12,959	6,085	6,485	4,776	4,235	3,426	7,935
2006–07 .....	26,760	27,545	23,689	15,916	16,268	14,586	6,917	7,399	4,978	3,928	3,878	4,124	24,005	24,710	21,250	14,277	14,593	13,085	6,205	6,638	4,466	3,523	3,479	3,700
2007–08 .....	26,600	26,963	25,284	15,488	15,742	14,364	6,928	7,289	5,268	4,183	3,932	5,652	24,745	25,083	23,522	14,409	14,644	13,363	6,445	6,781	4,901	3,892	3,658	5,258
2008–09 .....	25,785	25,917	26,152	15,169	15,290	14,550	6,585	6,829	5,194	4,030	3,798	6,407	24,322	24,447	24,669	14,309	14,423	13,725	6,212	6,441	4,899	3,802	3,583	6,044
2009–10 .....	25,016	24,733	27,292	14,419	14,108	15,903	6,560	6,655	5,973	4,037	3,970	5,416	23,826	23,556	25,993	13,733	13,437	15,146	6,248	6,338	5,689	3,845	3,781	5,158
2010–11 .....	24,183	23,993	27,417	14,670	14,577	15,083	5,619	5,640	5,472	3,894	3,777	6,862	23,495	23,310	26,637	14,253	14,162	14,654	5,459	5,479	5,316	3,783	3,669	6,667
2011–12 .....	23,330	23,364	23,228	13,822	13,819	13,834	5,826	5,866	5,485	3,682	3,679	3,909	23,330	23,364	23,228	13,822	13,819	13,834	5,826	5,866	5,485	3,682	3,679	3,909

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Data for 1986–87 and later years reflect a basis of 20 meals per week rather than meals served 7 days a week. Because of this revision in data collection and tabulation procedures, data are not entirely comparable with figures for previous years. In particular, data on board rates are somewhat higher than in earlier years because they reflect the basis of 20 meals per week rather than meals served 7 days a week. Since many institutions serve fewer than 3 meals each day, the 1986–87 and later data reflect a more accurate accounting of total board costs.

<sup>3</sup>Room and board data are estimated.

NOTE: Data are for the entire academic year and are average total charges for full-time attendance. Tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Room and board were based on full-time students. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting

institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Because of their low response rate, data for private 2-year colleges must be interpreted with caution. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" surveys, 1969–70 through 1985–86; "Fall Enrollment in Institutions of Higher Education" surveys, 1969 through 1985; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:86–99) and "Institutional Characteristics Survey" (IPEDS-IC:86–99); IPEDS Spring 2001 through Spring 2011, Enrollment component; and IPEDS Fall 2000 through Fall 2011, Institutional Characteristics component. (This table was prepared July 2012.)

**Table 382. Average undergraduate tuition and fees and room and board rates charged for full-time students in degree-granting institutions, by control and level of institution and state or jurisdiction: 2010–11 and 2011–12**  
[In current dollars]

State or jurisdiction	Public 4-year							Private 4-year						Public 2-year, tuition and required fees		
	In-state, 2010–11		In-state, 2011–12			Out-of- state tuition and required fees, 2011–12	2010–11		2011–12							
	Total	Tuition and required fees	Total	Tuition and required fees	Room		Board	Total	Tuition and required fees	Total	Tuition and required fees	Room	Board			
														15	16	17
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
United States .....	\$15,918	\$7,136	\$16,789	\$7,701	\$5,036	\$4,052	\$20,609	\$32,617	\$22,771	\$33,716	\$23,479	\$5,646	\$4,591	\$2,439	\$2,647	\$6,492
Alabama .....	14,416	6,808	15,499	7,502	4,216	3,782	18,731	24,318	16,649	22,021	13,973	4,071	3,978	3,422	3,868	7,474
Alaska .....	14,053	5,578	14,528	5,957	4,820	3,752	17,608	30,628	21,070	29,695	20,704	4,153	4,838	3,894	3,763	4,000
Arizona .....	17,083	7,685	19,227	9,021	6,223	3,983	21,529	20,979	12,261	20,466	11,790	5,024	3,653	1,671	1,803	7,607
Arkansas .....	12,580	6,117	13,044	6,367	3,682	2,996	14,315	22,934	16,103	24,032	16,969	3,574	3,489	2,311	2,417	4,211
California .....	18,933	7,357	20,780	8,907	6,206	5,667	28,177	38,047	26,519	39,039	27,193	6,748	5,098	723	976	5,873
Colorado .....	16,208	6,670	17,169	7,167	5,237	4,765	23,661	29,153	19,116	29,021	18,238	5,935	4,848	2,727	3,491	9,523
Connecticut .....	19,400	8,854	19,815	9,069	5,806	4,940	25,616	44,699	32,581	46,854	34,394	7,006	5,453	3,401	3,490	10,430
Delaware .....	19,541	9,646	20,980	10,524	6,257	4,200	24,822	22,928	12,989	23,800	13,467	4,962	5,372	2,942	3,086	7,200
District of Columbia .....	†	7,000	†	7,000	†	†	14,000	44,190	32,191	47,122	33,526	9,355	4,241	†	†	†
Florida .....	12,774	3,720	13,590	4,032	5,712	3,846	16,784	28,533	19,242	29,594	19,944	5,342	4,308	2,497	2,487	8,869
Georgia .....	14,019	5,435	14,799	6,015	5,205	3,579	20,008	30,488	20,783	31,956	21,467	5,860	4,630	2,480	2,568	7,886
Hawaii .....	15,133	6,635	16,356	7,422	4,469	4,466	21,359	23,718	12,807	24,875	13,482	4,927	6,466	2,172	2,388	7,024
Idaho .....	11,773	5,325	12,340	5,674	3,228	3,437	16,904	13,122	6,866	14,095	7,254	2,255	4,586	2,557	2,671	7,077
Illinois .....	20,054	10,562	21,142	11,252	5,437	4,453	25,820	34,411	24,070	35,219	24,638	6,216	4,365	2,947	3,084	8,770
Indiana .....	16,912	7,614	17,043	7,940	4,733	4,369	24,554	32,718	24,032	34,094	24,983	4,617	4,495	3,256	3,354	7,026
Iowa .....	14,855	7,157	15,653	7,563	4,005	4,086	22,389	22,749	16,041	23,052	16,244	3,017	3,791	3,769	3,999	5,128
Kansas .....	13,229	6,471	13,457	6,689	3,327	3,440	17,111	26,156	19,128	27,484	20,062	3,511	3,912	2,463	2,597	3,964
Kentucky .....	15,002	7,561	15,913	7,943	4,055	3,916	17,838	25,074	17,867	26,326	18,543	3,917	3,867	3,148	3,268	11,191
Louisiana .....	11,856	4,702	12,602	5,198	4,126	3,279	16,031	34,616	25,531	36,354	26,570	5,388	4,396	2,132	2,536	5,788
Maine .....	17,767	8,876	18,618	9,278	4,527	4,814	22,981	36,525	26,092	41,201	30,527	5,409	5,266	3,334	3,410	6,002
Maryland .....	16,963	7,579	17,446	7,831	5,500	4,115	20,106	40,338	29,516	43,109	30,719	6,652	5,739	3,237	3,349	7,941
Massachusetts .....	19,164	9,444	20,339	10,104	6,221	4,014	23,109	46,632	34,315	48,343	35,749	7,147	5,447	3,759	4,009	8,682
Michigan .....	18,333	9,839	19,230	10,527	4,409	4,294	30,105	23,945	16,184	24,740	16,777	3,899	4,063	2,486	2,598	5,617
Minnesota .....	16,385	9,285	17,286	9,862	3,956	3,468	14,907	32,261	23,838	33,461	24,794	4,519	4,148	4,965	5,198	5,803
Mississippi .....	12,051	5,301	12,814	5,674	3,991	3,149	13,841	20,029	14,098	20,741	14,630	3,113	2,997	2,141	2,210	3,950
Missouri .....	15,110	7,120	15,634	7,588	4,602	3,443	17,084	26,754	18,286	26,810	18,196	4,564	4,050	2,440	2,587	5,035
Montana .....	12,891	5,753	13,103	6,007	3,319	3,778	19,347	24,314	17,356	25,388	18,278	3,408	3,701	3,173	3,142	8,903
Nebraska .....	14,081	6,602	14,584	6,752	3,902	3,930	16,044	24,863	17,633	25,846	18,380	3,920	3,546	2,391	2,475	3,422
Nevada .....	14,172	4,005	15,033	4,509	5,674	4,850	17,252	25,913	15,217	29,164	15,764	7,932	5,468	2,243	2,513	9,008
New Hampshire .....	21,481	11,807	23,315	13,347	5,906	4,062	24,041	38,881	27,958	40,574	29,070	6,582	4,922	6,687	7,198	15,722
New Jersey .....	22,592	11,197	23,165	11,596	7,323	4,246	23,520	39,707	28,226	41,053	29,567	6,537	4,950	3,553	3,680	6,513
New Mexico .....	12,520	5,021	12,874	5,293	4,193	3,388	15,417	24,480	14,996	23,808	14,976	4,524	4,308	1,462	1,373	4,611
New York .....	16,606	5,764	17,558	6,192	7,084	4,282	14,681	41,626	29,742	43,559	31,178	7,379	5,002	3,848	4,146	7,435
North Carolina .....	12,874	5,270	13,687	5,701	4,543	3,443	18,959	33,290	24,313	34,695	25,266	4,886	4,543	1,832	2,138	8,163
North Dakota .....	12,503	6,162	12,801	6,414	2,812	3,575	16,007	17,342	11,869	16,386	11,268	2,272	2,847	3,929	3,988	7,368
Ohio .....	17,964	8,501	18,668	8,800	5,458	4,409	20,723	33,450	24,558	34,771	25,504	4,707	4,559	3,227	3,358	7,919
Oklahoma .....	11,938	5,244	12,585	5,538	4,001	3,045	15,352	27,059	18,921	28,285	19,780	4,347	4,158	2,578	2,730	6,643
Oregon .....	16,402	7,413	17,591	7,975	4,807	4,809	23,983	36,589	27,350	38,723	28,869	4,770	5,084	3,314	3,568	7,022
Pennsylvania .....	19,916	11,085	20,980	11,818	5,383	3,779	22,342	40,548	29,929	42,168	31,149	6,033	4,985	3,577	3,935	10,630
Rhode Island .....	19,815	9,250	20,634	9,926	6,467	4,241	25,928	42,610	31,400	44,448	32,626	6,545	5,276	3,652	3,676	9,816
South Carolina .....	17,641	10,147	18,076	10,372	4,656	3,048	24,873	27,049	19,560	27,685	19,830	3,939	3,916	3,643	3,721	7,758
South Dakota .....	12,603	6,414	13,321	6,939	2,975	3,406	8,892	21,871	15,129	22,802	15,728	3,074	4,000	4,700	4,817	4,770
Tennessee .....	13,759	6,407	14,622	7,013	4,199	3,409	21,351	28,745	20,461	30,052	21,391	4,797	3,863	3,128	3,380	13,029
Texas .....	14,585	6,742	15,355	7,116	4,427	3,812	18,772	31,674	22,832	33,215	23,976	5,161	4,078	1,585	1,762	4,632
Utah .....	10,768	4,793	11,319	5,163	2,709	3,447	15,972	14,769	7,313	14,859	7,315	3,806	3,738	2,860	3,023	8,668
Vermont .....	21,530	12,459	22,496	13,078	5,947	3,470	31,584	39,328	29,265	43,606	33,080	5,764	4,762	5,020	5,236	10,372
Virginia .....	18,110	8,658	17,967	9,373	4,823	3,771	25,760	28,317	20,178	29,098	20,658	4,293	4,147	3,384	3,748	8,430
Washington .....	16,253	6,678	17,588	7,701	5,190	4,698	23,639	36,117	27,030	38,295	28,370	5,690	4,235	3,266	3,719	6,441
West Virginia .....	12,799	4,944	13,444	5,241	4,268	3,936	15,750	18,256	10,609	18,828	10,962	3,751	4,115	2,871	2,992	7,811
Wisconsin .....	13,819	7,391	14,710	7,851	4,004	2,855	19,337	31,442	23,287	32,599	24,110	4,540	3,949	3,695	3,868	6,110
Wyoming .....	11,467	3,333	12,022	3,501	3,765	4,756	10,485	†	†	†	15,790	†	†	2,164	2,302	5,704

†Not applicable.

NOTE: Data are for the entire academic year and are average charges. In-state tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Out-of-state tuition and fees were weighted by the number of first-time freshmen attending the institution in fall 2010 from out of state. Room and board are based on full-time students. Preliminary data for 2011–12 are based on fall 2010 enrollment weights. Degree-granting institutions grant associate's or higher degrees and par-

ticipate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.  
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2010 and Fall 2011, Institutional Characteristics component; and Spring 2011, Enrollment component. (This table was prepared November 2012.)

**Table 383. Undergraduate tuition and fees and room and board rates for full-time students in degree-granting institutions, by percentile of charges and control and level of institution: Selected years, 2000–01 through 2011–12**  
[In current dollars]

Control and level of institution, and year	Tuition, fees, room, and board					Tuition and required fees				
	10th percentile	25th percentile	Median (50th percentile)	75th percentile	90th percentile	10th percentile	25th percentile	Median (50th percentile)	75th percentile	90th percentile
1	2	3	4	5	6	7	8	9	10	11
<b>All public institutions<sup>1</sup></b>										
2000–01.....	\$5,741	\$6,880	\$8,279	\$9,617	\$11,384	\$612	\$1,480	\$2,403	\$3,444	\$4,583
2005–06.....	7,700	9,623	11,348	13,543	16,264	990	2,070	3,329	5,322	6,972
2008–09.....	9,370	11,518	13,616	16,283	18,866	1,144	2,348	3,948	6,360	8,467
2009–10.....	9,433	12,069	14,446	17,146	19,898	1,200	2,492	4,370	6,726	8,726
2010–11.....	9,889	12,856	15,234	17,860	21,593	1,230	2,628	4,632	7,127	9,420
2011–12.....	10,730	13,650	16,274	18,801	22,697	1,408	2,907	5,187	7,653	10,164
<b>Public 4-year<sup>1</sup></b>										
2000–01.....	6,503	7,347	8,468	9,816	11,611	2,118	2,520	3,314	4,094	5,085
2005–06.....	8,863	10,219	11,596	13,830	16,443	3,094	3,822	5,084	6,458	8,097
2008–09.....	10,638	12,169	13,983	16,614	19,291	3,687	4,399	6,056	7,819	9,399
2009–10.....	11,158	12,793	15,040	17,661	20,253	4,044	4,900	6,458	8,266	9,886
2010–11.....	11,952	13,604	15,788	18,419	22,191	4,336	5,105	6,780	8,689	11,029
2011–12.....	12,693	14,478	16,860	19,137	23,024	4,703	5,765	7,175	9,367	12,612
<b>Public 2-year<sup>1</sup></b>										
2000–01.....	3,321	3,804	4,627	5,750	6,871	310	724	1,387	1,799	2,460
2005–06.....	4,380	4,822	6,234	7,567	8,993	691	1,109	1,920	2,589	3,100
2008–09.....	4,860	5,612	6,935	8,823	11,183	590	1,200	2,215	2,930	3,456
2009–10.....	5,114	6,008	7,048	8,981	10,977	704	1,316	2,380	3,090	3,650
2010–11.....	5,347	6,327	7,340	9,370	11,312	700	1,412	2,537	3,315	3,840
2011–12.....	5,770	6,703	7,831	9,674	11,567	960	1,600	2,704	3,542	4,132
<b>Private nonprofit institutions</b>										
2000–01.....	13,514	17,552	22,493	27,430	32,659	7,800	11,730	15,540	19,600	24,532
2005–06.....	18,243	23,258	29,497	35,918	41,707	9,981	15,375	21,070	26,265	31,690
2008–09.....	21,649	27,438	34,805	43,246	48,524	12,020	18,415	24,930	31,540	37,125
2009–10.....	22,334	28,699	36,550	44,895	50,297	11,696	18,970	25,890	32,816	38,690
2010–11.....	23,125	29,865	38,063	46,737	52,229	11,794	19,610	26,920	34,250	40,082
2011–12.....	24,471	31,398	39,540	49,146	54,258	11,986	20,230	28,128	35,992	41,576
<b>Nonprofit 4-year</b>										
2000–01.....	13,972	17,714	22,554	27,476	32,659	8,450	11,920	15,746	19,730	24,532
2005–06.....	18,350	23,322	29,598	36,028	41,774	10,300	15,560	21,190	26,500	31,690
2008–09.....	21,668	27,752	34,849	43,246	48,524	12,242	18,554	25,120	31,620	37,125
2009–10.....	22,356	28,840	36,665	44,895	50,298	12,240	19,200	26,180	32,910	38,690
2010–11.....	23,548	29,884	38,129	46,737	52,229	12,220	19,854	27,100	34,417	40,082
2011–12.....	24,608	31,460	39,596	49,146	54,258	12,338	20,640	28,310	36,130	41,576
<b>Nonprofit 2-year</b>										
2000–01.....	6,850	6,850	9,995	14,209	20,240	2,430	4,825	7,250	8,266	11,100
2005–06.....	8,030	15,680	16,830	20,829	28,643	4,218	8,640	9,940	12,270	14,472
2008–09.....	16,085	17,568	21,595	24,390	39,463	3,740	8,900	11,800	16,250	18,000
2009–10.....	13,105	18,316	20,369	26,455	40,733	3,530	8,950	12,292	15,177	19,000
2010–11.....	10,393	19,718	21,186	27,386	30,758	3,840	9,730	12,000	14,640	18,965
2011–12.....	19,325	20,300	22,303	28,506	32,679	7,036	10,904	14,531	16,131	19,880
<b>Private for-profit institutions</b>										
2000–01.....	13,396	15,778	19,403	21,400	21,845	6,900	8,202	9,644	12,090	14,600
2005–06.....	17,278	19,098	25,589	26,499	31,903	7,632	10,011	12,450	14,335	17,740
2008–09.....	17,150	17,150	20,813	29,959	30,400	11,176	12,396	12,840	15,930	19,050
2009–10.....	17,789	17,789	21,321	31,433	32,000	9,792	9,792	12,392	15,450	19,950
2010–11.....	16,097	16,097	17,484	26,175	31,639	10,200	11,520	13,700	16,440	18,209
2011–12.....	15,827	15,827	15,827	25,518	31,639	9,763	11,415	12,800	15,605	18,048
<b>For-profit 4-year</b>										
2000–01.....	13,396	15,818	20,417	21,400	21,400	7,206	8,305	9,675	12,800	15,090
2005–06.....	17,383	19,098	25,589	26,499	31,903	7,632	10,418	12,900	14,450	17,735
2008–09.....	17,150	17,150	20,813	29,959	30,400	11,288	12,840	12,840	15,930	19,080
2009–10.....	17,789	17,789	21,321	31,433	32,000	9,792	9,792	11,920	15,071	19,080
2010–11.....	16,097	16,097	17,484	26,175	31,639	10,200	11,520	14,085	16,500	18,050
2011–12.....	15,827	15,827	15,827	25,518	31,639	9,648	11,415	12,682	15,660	18,050
<b>For-profit 2-year</b>										
2000–01.....	15,778	15,778	19,403	21,845	21,845	6,025	7,365	9,644	12,000	14,255
2005–06.....	13,010	18,281	43,425	43,425	43,425	7,870	9,285	11,550	14,196	19,425
2008–09.....	21,442	23,327	26,863	43,382	43,382	9,000	10,910	12,600	16,356	18,175
2009–10.....	22,857	22,857	26,696	26,696	26,696	10,116	11,735	13,548	17,148	21,245
2010–11.....	23,687	23,687	25,161	25,161	25,161	9,940	12,094	13,599	15,960	20,533
2011–12.....	24,366	24,366	25,172	25,172	25,172	10,620	12,094	13,500	15,064	17,762

<sup>1</sup> Average undergraduate tuition and fees are based on in-state students only.

NOTE: Data are for the entire academic year and are average rates for full-time students. Student charges were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. The data have not been adjusted for changes in the purchasing power of the dollar. Degree-granting institutions grant associate's or higher degrees and

participate in Title IV federal financial aid programs. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Fall 2000 through Fall 2011, Institutional Characteristics component; and Spring 2001 through Spring 2012, Enrollment component. (This table was prepared January 2013.)

**Table 384. Average total cost of attendance for first-time, full-time undergraduate students in degree-granting institutions, by control and level of institution, living arrangement, and component of student costs: 2009–10, 2010–11, and 2011–12**

[In current dollars]

Level of institution, living arrangement, and component of student costs	2009–10				2010–11				2011–12			
	All institutions	Public, in-state	Private		All institutions	Public, in-state	Private		All institutions	Public, in-state	Private	
			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>4-year institutions</b>												
Average total cost, by living arrangement												
On campus .....	\$26,380	\$19,312	\$38,240	\$28,555	\$27,435	\$20,114	\$39,772	\$30,130	\$28,739	\$20,997	\$41,418	\$30,840
Off campus, living with family .....	19,491	12,103	30,456	18,969	19,940	12,561	31,630	20,226	20,989	13,328	32,939	22,595
Off campus, not living with family .....	28,312	20,952	38,753	27,412	29,390	21,665	40,148	29,114	29,736	22,364	41,582	30,121
Component of student costs												
Tuition and required fees .....	13,994	6,893	25,702	13,242	14,551	7,249	26,769	14,236	15,359	7,731	27,949	15,643
Books and supplies .....	1,055	1,166	1,179	523	1,134	1,194	1,217	799	1,245	1,232	1,238	1,416
Room, board, and other expenses												
On campus												
Room and board .....	8,561	8,134	9,071	10,420	8,921	8,502	9,464	9,370	9,271	8,831	9,853	9,533
Other .....	2,770	3,118	2,288	4,370	2,829	3,169	2,323	5,726	2,864	3,203	2,378	4,249
Off campus, living with family												
Other .....	4,442	4,044	3,575	5,204	4,256	4,118	3,645	5,191	4,385	4,365	3,752	5,537
Off campus, not living with family												
Room and board .....	8,584	8,924	8,140	8,472	8,679	9,085	8,391	8,543	8,759	9,263	8,421	8,256
Other .....	4,680	3,968	3,732	5,175	5,026	4,137	3,772	5,536	4,372	4,138	3,974	4,807
<b>2-year institutions</b>												
Average total cost, by living arrangement												
On campus .....	\$14,398	\$11,815	\$23,553	\$29,352	\$15,267	\$12,398	\$24,654	\$29,587	\$14,383	\$12,823	\$26,840	\$27,713
Off campus, living with family .....	9,822	7,579	17,311	20,477	10,451	7,933	17,334	21,143	9,421	8,150	20,324	19,692
Off campus, not living with family .....	17,294	14,873	25,754	28,201	17,934	15,278	25,773	28,805	16,882	15,526	29,301	27,362
Component of student costs												
Tuition and required fees .....	4,816	2,640	12,698	14,918	5,230	2,794	12,839	15,373	4,222	2,970	14,335	14,343
Books and supplies .....	1,255	1,235	1,229	1,392	1,324	1,292	1,276	1,514	1,314	1,314	1,413	1,301
Room, board, and other expenses												
On campus												
Room and board .....	5,518	5,186	7,061	8,979	5,719	5,384	7,460	8,628	5,829	5,552	7,880	8,655
Other .....	2,809	2,754	2,565	4,063	2,994	2,928	3,079	4,071	3,018	2,988	3,212	3,414
Off campus, living with family												
Other .....	3,751	3,704	3,384	4,167	3,897	3,847	3,219	4,256	3,884	3,866	4,576	4,048
Off campus, not living with family												
Room and board .....	7,494	7,344	8,105	7,933	7,539	7,428	8,267	7,836	7,507	7,466	8,270	7,670
Other .....	3,729	3,654	3,721	3,958	3,841	3,763	3,391	4,082	3,839	3,776	5,283	4,048

NOTE: Excludes students who previously attended another postsecondary institution or who began their studies on a part-time basis. Tuition and fees at public institutions are the lower of either in-district or in-state tuition and fees. Data illustrating the average total cost of attendance for all students are weighted by the number of students at the institution receiving Title IV aid. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2010 through Spring 2012, Student Financial Aid component; and Fall 2009 through Fall 2011, Institutional Characteristics component. (This table was prepared November 2012.)

**Table 385. Average graduate tuition and required fees in degree-granting institutions, by control of institution and percentile: 1989–90 through 2011–12**

Year	Total	Public institutions <sup>1</sup>	Private institutions			Public institutions, <sup>1</sup> by percentile			Nonprofit institutions, by percentile		
			Total	Nonprofit	For-profit	25th percentile	Median (50th percentile)	75th percentile	25th percentile	Median (50th percentile)	75th percentile
1	2	3	4	5	6	7	8	9	10	11	12
Current dollars											
1989–90.....	\$4,135	\$1,999	\$7,881	—	—	—	—	—	—	—	—
1990–91.....	4,488	2,206	8,507	—	—	—	—	—	—	—	—
1991–92.....	5,116	2,524	9,592	—	—	—	—	—	—	—	—
1992–93.....	5,475	2,791	10,008	—	—	—	—	—	—	—	—
1993–94.....	5,973	3,050	10,790	—	—	—	—	—	—	—	—
1994–95.....	6,247	3,250	11,338	—	—	—	—	—	—	—	—
1995–96.....	6,741	3,449	12,083	—	—	—	—	—	—	—	—
1996–97.....	7,111	3,607	12,537	—	—	—	—	—	—	—	—
1997–98.....	7,246	3,744	12,774	—	—	—	—	—	—	—	—
1998–99.....	7,685	3,897	13,299	—	—	—	—	—	—	—	—
1999–2000.....	8,069	4,042	13,821	\$14,123	\$9,611	\$2,640	\$3,637	\$5,163	\$7,998	\$12,870	\$20,487
2000–01.....	8,429	4,243	14,420	14,457	13,229	2,931	3,822	5,347	8,276	13,200	21,369
2001–02.....	8,857	4,496	15,165	15,232	13,414	3,226	4,119	5,596	8,583	14,157	22,054
2002–03.....	9,226	4,842	14,983	15,676	9,644	3,395	4,452	5,927	8,690	14,140	22,700
2003–04.....	10,312	5,544	16,209	16,807	12,542	3,795	5,103	7,063	9,072	15,030	25,600
2004–05.....	11,004	6,080	16,751	17,551	13,133	4,236	5,663	7,616	9,300	16,060	26,140
2005–06.....	11,621	6,493	17,244	18,171	13,432	4,608	6,209	7,977	9,745	16,222	26,958
2006–07.....	12,312	6,894	18,108	19,033	14,421	4,909	6,594	8,341	10,346	17,057	29,118
2007–08.....	13,002	7,415	18,878	19,896	14,713	5,176	6,990	9,288	10,705	17,647	30,247
2008–09.....	13,647	7,999	19,230	20,485	14,418	5,612	7,376	9,912	11,290	18,270	30,514
2009–10.....	14,537	8,763	20,368	21,307	14,550	6,084	7,983	10,658	12,285	19,350	31,730
2010–11.....	14,993	9,247	20,335	21,996	13,506	6,550	8,788	10,933	12,510	19,586	33,215
2011–12.....	15,787	9,980	21,105	22,872	13,823	7,506	9,445	11,954	12,936	20,625	34,680
Constant 2011–12 dollars											
1989–90.....	\$7,411	\$3,583	\$14,124	—	—	—	—	—	—	—	—
1990–91.....	7,626	3,749	14,456	—	—	—	—	—	—	—	—
1991–92.....	8,424	4,156	15,794	—	—	—	—	—	—	—	—
1992–93.....	8,742	4,456	15,979	—	—	—	—	—	—	—	—
1993–94.....	9,296	4,747	16,793	—	—	—	—	—	—	—	—
1994–95.....	9,452	4,918	17,155	—	—	—	—	—	—	—	—
1995–96.....	9,929	5,080	17,797	—	—	—	—	—	—	—	—
1996–97.....	10,183	5,165	17,954	—	—	—	—	—	—	—	—
1997–98.....	10,195	5,268	17,973	—	—	—	—	—	—	—	—
1998–99.....	10,628	5,389	18,392	—	—	—	—	—	—	—	—
1999–2000.....	10,847	5,434	18,578	\$18,985	\$12,919	\$3,549	\$4,889	\$6,940	\$10,751	\$17,300	\$27,539
2000–01.....	10,956	5,515	18,741	18,789	17,193	3,809	4,967	6,949	10,756	17,156	27,773
2001–02.....	11,311	5,741	19,367	19,453	17,130	4,120	5,260	7,147	10,961	18,080	28,165
2002–03.....	11,528	6,050	18,723	19,589	12,052	4,242	5,563	7,406	10,859	17,670	28,366
2003–04.....	12,610	6,779	19,821	20,553	15,338	4,641	6,240	8,637	11,094	18,380	31,305
2004–05.....	13,064	7,218	19,886	20,836	15,591	5,029	6,723	9,041	11,040	19,065	31,032
2005–06.....	13,290	7,426	19,720	20,780	15,361	5,270	7,101	9,122	11,144	18,551	30,829
2006–07.....	13,724	7,685	20,186	21,218	16,076	5,472	7,351	9,298	11,533	19,014	32,460
2007–08.....	13,976	7,971	20,292	21,387	15,815	5,564	7,514	9,984	11,507	18,969	32,513
2008–09.....	14,468	8,479	20,386	21,717	15,285	5,949	7,820	10,508	11,969	19,369	32,349
2009–10.....	15,264	9,201	21,385	22,371	15,278	6,388	8,382	11,191	12,899	20,317	33,316
2010–11.....	15,432	9,518	20,930	22,641	13,902	6,742	9,045	11,253	12,877	20,160	34,188
2011–12.....	15,787	9,980	21,105	22,872	13,823	7,506	9,445	11,954	12,936	20,625	34,680

—Not available.

<sup>1</sup>Data are based on in-state tuition only.

NOTE: Average graduate student tuition weighted by fall full-time-equivalent graduate enrollment. Data through 1995–96 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and

excludes a few higher education institutions that did not grant degrees. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:89–99); "Completions Survey" (IPEDS-C:90–99); "Institutional Characteristics Survey" (IPEDS-IC:89–99); IPEDS Fall 2000 through Fall 2011, Institutional Characteristics component; and IPEDS Spring 2001 through Spring 2012, Enrollment component. (This table was prepared January 2013.)

**Table 386. Percentage of undergraduates receiving financial aid, by type and source of aid and selected student characteristics: 2007–08**

[Standard errors appear in parentheses]

Selected student characteristic	Number of undergraduates <sup>1</sup> (in thousands)	Any aid			Grants			Loans			Work study
		Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total <sup>5</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>All undergraduates .....</b>	<b>20,762</b>	<b>65.6 (0.30)</b>	<b>48.5 (0.18)</b>	<b>47.3 (0.33)</b>	<b>51.4 (0.32)</b>	<b>28.0 (0.14)</b>	<b>37.7 (0.35)</b>	<b>39.1 (0.12)</b>	<b>35.1 (0.08)</b>	<b>14.9 (0.21)</b>	<b>7.2 (0.15)</b>
<b>Sex</b>											
Male .....	8,922	61.2 (0.47)	43.4 (0.40)	45.0 (0.50)	46.4 (0.47)	22.1 (0.30)	36.3 (0.50)	35.2 (0.40)	31.2 (0.39)	13.8 (0.27)	7.0 (0.20)
Female .....	11,840	68.8 (0.36)	52.4 (0.31)	49.1 (0.38)	55.2 (0.37)	32.5 (0.26)	38.7 (0.41)	42.0 (0.29)	38.1 (0.29)	15.7 (0.29)	7.3 (0.17)
<b>Race/ethnicity</b>											
White .....	12,709	63.5 (0.41)	44.8 (0.31)	47.2 (0.38)	47.9 (0.40)	21.1 (0.27)	37.7 (0.41)	39.0 (0.30)	35.0 (0.29)	15.1 (0.29)	7.1 (0.18)
Black .....	2,992	75.9 (0.74)	63.0 (0.84)	49.8 (0.73)	62.8 (0.75)	46.1 (0.73)	37.6 (0.77)	49.5 (0.92)	45.6 (0.92)	17.6 (0.56)	7.0 (0.34)
Hispanic .....	2,966	69.0 (0.78)	53.7 (0.79)	47.7 (0.80)	57.9 (0.79)	39.9 (0.72)	38.3 (0.79)	34.5 (0.73)	30.2 (0.71)	13.9 (0.43)	6.9 (0.33)
Asian .....	1,220	52.5 (1.13)	36.6 (1.01)	41.0 (1.06)	42.4 (1.01)	22.9 (0.75)	35.0 (0.95)	25.8 (1.00)	22.6 (0.98)	9.3 (0.58)	8.3 (0.50)
American Indian/Alaska Native .....	173	70.4 (2.96)	54.5 (3.08)	48.0 (2.88)	60.4 (3.06)	39.3 (3.35)	41.5 (2.81)	35.9 (3.55)	32.3 (3.62)	12.1 (2.47)	5.1 (0.88)
Pacific Islander .....	149	62.8 (3.73)	43.7 (3.93)	43.9 (3.44)	51.3 (3.72)	28.8 (3.79)	36.1 (3.13)	33.5 (3.48)	29.5 (3.43)	11.6 (1.66)	7.4 (1.40)
Other .....	61	64.0 (4.63)	46.9 (3.77)	41.9 (4.66)	49.2 (4.23)	31.4 (2.78)	32.2 (4.06)	36.5 (4.03)	31.9 (3.54)	14.1 (3.08)	5.7 (1.53)
Two or more races .....	493	67.8 (1.50)	53.7 (1.44)	49.3 (1.56)	53.1 (1.53)	31.4 (1.28)	40.0 (1.48)	41.7 (1.42)	38.7 (1.41)	14.5 (1.07)	11.2 (0.98)
<b>Age</b>											
15 to 23 years old .....	12,096	67.0 (0.33)	50.1 (0.25)	50.9 (0.37)	52.4 (0.38)	25.9 (0.22)	42.0 (0.38)	41.0 (0.24)	36.9 (0.24)	15.7 (0.23)	10.3 (0.21)
24 to 29 years old .....	3,722	66.2 (0.69)	52.2 (0.57)	42.5 (0.72)	51.6 (0.65)	36.1 (0.52)	30.0 (0.69)	41.8 (0.55)	37.2 (0.50)	16.2 (0.54)	3.6 (0.20)
30 years old or over .....	4,944	61.5 (0.63)	41.9 (0.51)	42.2 (0.67)	48.8 (0.62)	27.0 (0.44)	32.8 (0.63)	32.5 (0.41)	29.3 (0.39)	11.8 (0.42)	2.2 (0.15)
<b>Marital status</b>											
Not married <sup>6</sup> .....	16,463	66.4 (0.35)	50.1 (0.24)	48.6 (0.35)	52.5 (0.35)	28.8 (0.18)	39.0 (0.35)	40.7 (0.20)	36.5 (0.16)	15.5 (0.23)	8.4 (0.17)
Married .....	3,886	60.8 (0.68)	40.4 (0.63)	42.1 (0.70)	45.1 (0.70)	21.7 (0.48)	32.6 (0.74)	31.5 (0.56)	28.3 (0.57)	11.9 (0.45)	2.4 (0.17)
Separated .....	414	76.2 (1.63)	63.8 (1.77)	46.6 (2.04)	67.0 (1.87)	54.7 (1.90)	32.2 (1.92)	48.0 (1.80)	43.9 (1.77)	17.6 (1.52)	3.1 (0.48)
<b>Attendance status<sup>7</sup></b>											
Full-time, full-year .....	7,650	80.3 (0.28)	64.3 (0.32)	63.7 (0.36)	65.1 (0.36)	34.0 (0.27)	53.5 (0.40)	54.4 (0.32)	50.6 (0.31)	20.4 (0.31)	13.7 (0.28)
Part-time or part-year .....	13,112	56.9 (0.45)	39.3 (0.30)	37.8 (0.46)	43.4 (0.46)	24.5 (0.29)	28.4 (0.45)	30.1 (0.22)	26.1 (0.19)	11.6 (0.28)	3.4 (0.16)
<b>Dependency status and family income</b>											
Dependent .....	10,652	66.6 (0.55)	49.0 (0.60)	52.0 (0.72)	51.3 (0.74)	22.9 (0.88)	43.3 (0.91)	41.3 (0.70)	37.2 (0.73)	16.0 (1.50)	11.0 (2.07)
Less than \$20,000 .....	1,263	80.9 (0.84)	71.9 (0.85)	57.2 (0.95)	76.9 (0.87)	68.6 (0.87)	49.9 (0.98)	40.4 (0.92)	36.9 (0.89)	12.6 (0.58)	12.0 (0.54)
\$20,000–\$39,999 .....	1,836	77.9 (0.78)	68.5 (0.78)	58.7 (0.78)	71.2 (0.80)	59.4 (0.78)	51.2 (0.82)	45.0 (0.74)	42.1 (0.71)	15.0 (0.47)	14.5 (0.51)
\$40,000–\$59,999 .....	1,793	66.8 (0.78)	49.9 (0.77)	54.4 (0.80)	52.9 (0.80)	24.2 (0.62)	45.8 (0.79)	43.9 (0.75)	39.8 (0.71)	17.4 (0.57)	12.5 (0.47)
\$60,000–\$79,999 .....	1,566	63.2 (0.85)	42.2 (0.76)	50.7 (0.93)	40.9 (0.90)	1.6 (0.18)	40.4 (0.90)	43.9 (0.78)	39.2 (0.79)	18.2 (0.62)	10.9 (0.52)
\$80,000–\$99,999 .....	1,321	63.0 (0.89)	40.5 (0.76)	50.8 (0.95)	41.0 (0.92)	0.5 ! (0.16)	41.0 (0.92)	43.4 (0.78)	38.3 (0.77)	18.9 (0.66)	10.2 (0.61)
\$100,000 or more .....	2,873	56.3 (0.62)	33.6 (0.52)	45.4 (0.61)	36.6 (0.63)	0.5 (0.08)	36.5 (0.63)	35.1 (0.55)	30.9 (0.52)	14.8 (0.39)	7.9 (0.30)
Independent .....	10,110	64.5 (0.75)	48.0 (0.75)	42.4 (1.20)	51.5 (0.92)	33.4 (0.83)	31.7 (1.59)	36.8 (0.76)	33.0 (0.76)	13.7 (2.44)	3.2 (4.25)
Less than \$10,000 .....	2,341	73.9 (0.66)	63.1 (0.69)	45.2 (0.82)	66.8 (0.66)	58.1 (0.61)	32.5 (0.79)	45.2 (0.74)	40.3 (0.76)	16.1 (0.62)	6.4 (0.34)
\$10,000–\$19,999 .....	1,750	71.2 (0.92)	61.8 (0.90)	42.3 (0.89)	62.0 (0.89)	52.0 (0.82)	30.1 (0.80)	45.7 (0.90)	41.7 (0.87)	15.8 (0.73)	3.6 (0.34)
\$20,000–\$29,999 .....	1,529	68.4 (1.05)	54.5 (1.00)	42.0 (1.09)	50.7 (1.08)	34.3 (0.86)	30.0 (0.92)	40.9 (0.86)	36.7 (0.88)	15.2 (0.71)	2.9 (0.29)
\$30,000–\$49,999 .....	2,049	62.7 (1.05)	44.3 (0.93)	43.5 (1.07)	48.8 (1.10)	28.1 (0.91)	33.3 (1.03)	34.9 (0.79)	31.5 (0.78)	13.1 (0.66)	1.7 (0.16)
\$50,000 or more .....	2,442	49.6 (0.84)	22.6 (0.76)	39.0 (0.77)	32.0 (0.76)	0.3 ! (0.09)	31.9 (0.75)	21.4 (0.63)	18.7 (0.65)	9.3 (0.49)	1.1 (0.16)
<b>Housing status<sup>8</sup></b>											
School-owned .....	2,794	80.5 (0.52)	62.0 (0.52)	70.2 (0.63)	66.9 (0.61)	24.7 (0.45)	62.3 (0.65)	59.2 (0.55)	55.1 (0.51)	22.3 (0.54)	22.8 (0.56)
Off-campus, not with parents .....	11,445	65.3 (0.41)	48.4 (0.34)	44.8 (0.45)	50.9 (0.43)	30.0 (0.27)	34.2 (0.47)	38.6 (0.26)	34.8 (0.23)	14.5 (0.30)	4.3 (0.15)
With parents .....	4,931	56.1 (0.56)	39.1 (0.49)	39.8 (0.58)	43.5 (0.55)	24.8 (0.38)	31.7 (0.51)	26.3 (0.51)	22.3 (0.46)	10.7 (0.35)	4.8 (0.24)

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the school year. Includes all postsecondary institutions.

<sup>3</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>4</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>5</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>6</sup>Details on federal and nonfederal work-study participants are not available.

<sup>7</sup>Includes students who were single, divorced, or widowed.

<sup>8</sup>Full-time, full-year includes students enrolled full time for 9 or more months. Part-time or part-year includes students enrolled part time for 9 or more months and students enrolled less than 9 months either part time or full time.

<sup>9</sup>Excludes students attending more than one institution.

NOTE: Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include undergraduates in degree-granting and non-degree-granting institutions. Data include Puerto Rico. Race categories exclude persons of Hispanic ethnicity. Data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2007–08 National Postsecondary Student Aid Study (NPSAS:08). (This table was prepared July 2013.)



**Table 387. Full-time, first-time degree/certificate-seeking undergraduate students enrolled in degree-granting institutions, by participation and average amount awarded in financial aid programs, and control and level of institution: 2000–01 through 2010–11**

Control and level of institution, and year	Number enrolled	Number receiving financial aid	Percent receiving aid	Percent of enrolled students in student aid programs				Average award for students in aid programs <sup>1</sup>							
				Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>	Current dollars				Constant 2011–12 dollars			
								Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>	Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All institutions</b>															
2000–01.....	1,976,600	1,390,527	70.3	31.6	31.2	31.1	40.1	\$2,486	\$2,039	\$4,740	\$3,764	\$3,232	\$2,650	\$6,160	\$4,892
2001–02.....	2,050,016	1,481,592	72.3	33.3	32.5	31.5	40.7	2,739	2,057	4,918	3,970	3,498	2,627	6,281	5,070
2002–03.....	2,135,613	1,553,024	72.7	34.1	30.9	31.5	41.4	2,947	2,189	5,267	4,331	3,683	2,735	6,582	5,412
2003–04.....	2,178,517	1,610,967	73.9	34.6	31.2	31.9	43.1	2,934	2,226	5,648	4,193	3,587	2,722	6,907	5,128
2004–05.....	2,260,590	1,689,910	74.8	35.2	31.3	31.7	44.0	2,939	2,343	5,958	4,463	3,489	2,782	7,073	5,298
2005–06.....	2,309,543	1,731,315	75.0	33.7	30.8	32.7	44.6	2,959	2,441	6,213	4,831	3,384	2,791	7,105	5,525
2006–07.....	2,427,043	1,766,257	72.8	32.1	30.0	32.2	43.5	3,125	2,526	6,593	5,014	3,484	2,816	7,349	5,590
2007–08.....	2,532,955	1,914,567	75.6	35.4	30.6	33.6	45.6	3,376	2,580	6,791	6,009	3,629	2,773	7,300	6,459
2008–09.....	2,675,974	2,089,288	78.1	38.0	30.2	34.1	48.6	3,915	2,705	7,250	6,974	4,151	2,867	7,686	7,394
2009–10.....	2,857,363	2,323,660	81.3	46.1	28.6	33.2	51.1	4,688	2,766	7,679	7,013	4,923	2,905	8,063	7,364
2010–11.....	2,654,501	2,184,367	82.3	47.8	30.9	35.7	50.1	4,755	2,844	8,386	6,618	4,894	2,927	8,631	6,812
<b>Public</b>															
2000–01.....	1,333,236	872,109	65.4	30.0	33.5	22.7	30.7	2,408	1,707	2,275	3,050	3,129	2,218	2,956	3,964
2005–06.....	1,510,268	1,066,041	70.6	31.1	34.8	25.1	34.2	2,926	2,226	3,162	3,866	3,346	2,546	3,616	4,422
2006–07.....	1,568,395	1,096,808	69.9	30.9	34.9	25.2	34.2	3,099	2,318	3,316	4,081	3,454	2,584	3,696	4,550
2007–08.....	1,648,583	1,173,222	71.2	32.6	35.8	25.9	34.7	3,368	2,351	3,530	4,803	3,621	2,527	3,795	5,163
2008–09.....	1,700,907	1,246,670	73.3	33.7	36.9	26.5	36.3	3,869	2,486	3,755	5,542	4,102	2,635	3,981	5,875
2009–10.....	1,804,811	1,383,069	76.6	41.1	35.6	26.3	38.6	4,696	2,553	3,897	5,680	4,930	2,681	4,092	5,964
2010–11.....	1,802,565	1,421,056	78.8	46.0	35.9	27.2	40.2	4,768	2,680	4,157	5,782	4,907	2,759	4,279	5,951
<b>4-year</b>															
2000–01.....	804,793	573,430	71.3	26.6	36.5	29.6	40.7	2,569	2,068	2,616	3,212	3,339	2,688	3,400	4,174
2005–06.....	906,948	695,017	76.6	26.6	36.8	34.2	44.4	3,071	2,752	3,573	4,166	3,512	3,147	4,086	4,764
2006–07.....	949,162	716,323	75.5	26.6	36.7	34.2	43.8	3,365	2,848	3,759	4,433	3,751	3,175	4,190	4,941
2007–08.....	976,830	753,643	77.2	28.0	37.4	36.2	45.2	3,675	2,963	3,956	5,190	3,950	3,185	4,253	5,579
2008–09.....	1,007,609	792,028	78.6	28.4	37.9	37.2	46.9	4,157	3,152	4,186	5,972	4,407	3,341	4,437	6,331
2009–10.....	1,021,259	832,561	81.5	34.4	37.4	38.8	50.0	4,965	3,300	4,339	6,063	5,213	3,465	4,556	6,366
2010–11.....	1,039,170	858,433	82.6	38.9	38.3	39.6	51.5	4,988	3,474	4,630	6,130	5,134	3,576	4,765	6,310
<b>2-year</b>															
2000–01.....	528,443	298,679	56.5	35.2	28.8	12.1	15.3	2,222	1,009	1,004	2,396	2,888	1,312	1,305	3,114
2005–06.....	603,320	371,024	61.5	38.0	31.9	11.3	19.0	2,774	1,314	1,297	2,812	3,172	1,503	1,483	3,216
2006–07.....	619,233	380,485	61.4	37.5	32.2	11.6	19.6	2,810	1,393	1,311	2,877	3,132	1,553	1,461	3,207
2007–08.....	671,753	419,579	62.5	39.1	33.4	10.8	19.4	3,048	1,354	1,458	3,488	3,277	1,456	1,568	3,750
2008–09.....	693,298	454,642	65.6	41.5	35.4	11.0	21.1	3,584	1,451	1,637	4,152	3,799	1,538	1,735	4,402
2009–10.....	783,552	550,508	70.3	49.7	33.2	9.9	23.7	4,453	1,460	1,646	4,627	4,675	1,533	1,728	4,858
2010–11.....	763,395	562,623	73.7	55.6	32.7	10.3	24.8	4,558	1,418	1,681	4,800	4,691	1,460	1,730	4,940
<b>Private nonprofit</b>															
2000–01.....	439,369	363,044	82.6	28.4	31.8	68.1	57.7	2,879	2,998	7,368	4,019	3,741	3,896	9,576	5,224
2005–06.....	471,069	401,908	85.3	26.5	31.3	73.8	59.8	3,426	3,117	9,932	5,270	3,918	3,565	11,358	6,026
2006–07.....	477,698	407,247	85.3	26.2	30.5	73.9	59.3	3,704	3,321	10,724	5,544	4,129	3,702	11,955	6,181
2007–08.....	494,088	424,943	86.0	27.3	30.0	74.4	60.2	3,928	3,386	11,465	6,415	4,223	3,639	12,324	6,896
2008–09.....	496,638	433,208	87.2	27.4	30.2	76.6	60.6	4,450	3,523	12,699	7,609	4,717	3,735	13,463	8,067
2009–10.....	501,223	445,309	88.8	33.0	27.8	78.2	62.9	5,067	3,644	13,638	7,440	5,320	3,826	14,320	7,812
2010–11.....	518,433	463,163	89.3	36.4	27.7	78.2	64.3	5,065	3,544	14,316	7,302	5,214	3,648	14,735	7,516
<b>4-year</b>															
2000–01.....	419,499	347,638	82.9	27.4	32.2	70.1	58.1	2,930	3,001	7,458	4,000	3,809	3,901	9,693	5,198
2005–06.....	460,832	393,429	85.4	26.0	31.2	74.6	59.8	3,437	3,121	10,002	5,264	3,931	3,569	11,439	6,020
2006–07.....	468,969	400,044	85.3	25.8	30.4	74.4	59.4	3,729	3,329	10,797	5,558	4,156	3,711	12,036	6,196
2007–08.....	484,021	416,405	86.0	26.7	30.0	75.1	60.3	3,960	3,391	11,539	6,435	4,257	3,645	12,404	6,917
2008–09.....	487,050	424,881	87.2	26.8	30.1	77.4	60.6	4,488	3,523	12,780	7,638	4,758	3,734	13,549	8,097
2009–10.....	491,136	436,294	88.8	32.3	27.7	79.0	63.0	5,099	3,658	13,733	7,466	5,354	3,841	14,420	7,839
2010–11.....	504,874	450,906	89.3	35.4	27.7	79.6	64.3	5,098	3,567	14,404	7,314	5,248	3,671	14,826	7,529

See notes at end of table.

**Table 387. Full-time, first-time degree/certificate-seeking undergraduate students enrolled in degree-granting institutions, by participation and average amount awarded in financial aid programs, and control and level of institution: 2000–01 through 2010–11—Continued**

Control and level of institution, and year	Number enrolled	Number receiving financial aid	Percent receiving aid	Percent of enrolled students in student aid programs				Average award for students in aid programs <sup>1</sup>							
				Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>	Current dollars				Constant 2011–12 dollars			
								Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>	Federal grants	State/local grants	Institutional grants	Student loans <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>2-year</b>															
2000–01 .....	19,870	15,406	77.5	49.2	23.9	25.7	49.5	2,269	2,892	2,168	4,509	2,949	3,759	2,817	5,861
2005–06 .....	10,237	8,479	82.8	51.6	36.1	38.5	55.9	3,176	2,974	3,799	5,531	3,632	3,401	4,345	6,325
2006–07 .....	8,729	7,203	82.5	47.6	37.2	44.0	53.5	2,992	2,963	4,122	4,715	3,335	3,303	4,596	5,256
2007–08 .....	10,067	8,538	84.8	53.3	31.6	37.7	54.1	3,161	3,138	4,364	5,323	3,398	3,374	4,691	5,722
2008–09 .....	9,588	8,327	86.8	59.2	32.0	37.5	58.1	3,563	3,550	4,194	6,089	3,777	3,764	4,446	6,455
2009–10 .....	10,087	9,015	89.4	66.9	29.1	41.5	58.6	4,294	3,000	4,798	6,078	4,509	3,149	5,037	6,382
2010–11 .....	13,559	12,257	90.4	73.5	27.4	28.4	65.2	4,470	2,696	5,138	6,844	4,601	2,775	5,289	7,045
<b>Private for-profit</b>															
2000–01 .....	203,995	155,374	76.2	49.3	15.2	6.2	63.5	2,312	2,494	1,540	5,517	3,005	3,241	2,001	7,171
2005–06 .....	328,206	263,366	80.2	55.6	11.4	8.8	70.4	2,725	2,796	1,423	6,454	3,116	3,197	1,627	7,380
2006–07 .....	380,950	262,202	68.8	44.8	9.3	8.4	61.7	2,776	2,474	1,545	6,506	3,094	2,758	1,722	7,253
2007–08 .....	390,284	316,402	81.1	57.8	9.5	14.9	72.9	3,066	2,996	1,154	8,010	3,296	3,221	1,240	8,610
2008–09 .....	478,429	409,410	85.6	64.5	6.6	17.2	79.6	3,766	3,167	1,184	8,798	3,992	3,357	1,255	9,327
2009–10 .....	551,329	495,282	89.8	74.5	6.3	15.1	81.3	4,523	3,190	1,171	8,786	4,749	3,350	1,230	9,225
2010–11 .....	333,503	300,148	90.0	75.2	8.9	15.3	82.0	4,479	3,020	1,881	8,003	4,610	3,108	1,936	8,237
<b>4-year</b>															
2000–01 .....	81,075	51,739	63.8	36.1	11.9	8.3	57.7	2,295	2,889	1,616	5,749	2,983	3,754	2,100	7,471
2005–06 .....	157,705	116,237	73.7	46.8	8.9	10.9	67.2	2,490	2,945	1,641	7,046	2,848	3,368	1,877	8,058
2006–07 .....	229,746	127,215	55.4	32.5	5.7	8.4	52.0	2,608	2,622	1,878	6,989	2,907	2,923	2,094	7,791
2007–08 .....	210,468	159,991	76.0	51.5	7.2	20.4	68.7	3,030	2,922	1,235	8,799	3,257	3,141	1,327	9,459
2008–09 .....	258,498	221,487	85.7	62.7	5.8	23.5	81.4	3,745	3,139	1,296	9,660	3,970	3,328	1,374	10,241
2009–10 .....	243,429	223,526	91.8	75.3	6.6	23.5	86.1	4,547	2,715	1,311	9,641	4,774	2,851	1,377	10,123
2010–11 .....	113,482	102,643	90.4	73.5	11.3	23.6	82.8	4,736	2,950	2,790	8,484	4,875	3,036	2,872	8,733
<b>2-year</b>															
2000–01 .....	122,920	103,635	84.3	58.0	17.3	4.8	67.3	2,319	2,314	1,453	5,387	3,014	3,007	1,888	7,001
2005–06 .....	170,501	147,129	86.3	63.6	13.7	6.8	73.4	2,885	2,706	1,098	5,951	3,299	3,094	1,256	6,806
2006–07 .....	151,204	134,987	89.3	63.4	14.7	8.3	76.4	2,906	2,386	1,029	6,007	3,240	2,660	1,147	6,696
2007–08 .....	179,816	156,411	87.0	65.0	12.3	8.4	77.9	3,100	3,047	924	7,195	3,332	3,276	993	7,734
2008–09 .....	219,931	187,923	85.4	66.6	7.6	9.8	77.5	3,788	3,191	869	7,734	4,016	3,383	921	8,199
2009–10 .....	307,900	271,756	88.3	74.0	6.1	8.5	77.5	4,503	3,597	865	8,035	4,729	3,777	908	8,436
2010–11 .....	220,021	197,505	89.8	76.1	7.6	11.0	81.5	4,350	3,074	876	7,751	4,478	3,164	902	7,978

<sup>1</sup>Average amounts for students participating in indicated programs.

<sup>2</sup>Includes only loans made directly to students. Does not include Parent Loans for Undergraduate Students (PLUS) and other loans made directly to parents.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2002 through Spring 2012, Student Financial Aid component. (This table was prepared August 2012.)

**Table 388. Average amount of grant and scholarship aid and average net price for first-time, full-time students receiving Title IV aid, and percentage distribution of students, by control and level of institution and income level: 2009–10 and 2010–11**

Selected characteristic	Average per student who received any Title IV aid (in current dollars)								Percentage distribution of students who received any Title IV aid							
	2009–10				2010–11				2009–10				2010–11			
	All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private		All institutions	Public	Private	
			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit			Nonprofit	For-profit
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>4-year institutions</b>																
Grant and scholarship aid <sup>1</sup>																
All income levels .....	\$9,060	\$5,980	\$15,510	\$4,450	\$9,660	\$6,430	\$16,260	\$4,880	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$0 to \$30,000 .....	10,350	9,110	17,380	5,160	10,900	9,530	17,740	5,470	34.8	34.6	25.1	67.6	35.3	35.5	26.1	69.0
\$30,001 to \$48,000 .....	11,200	8,350	18,650	4,540	11,800	8,810	19,340	5,070	15.3	16.3	14.0	14.1	15.5	16.5	14.1	14.0
\$48,001 to \$75,000 .....	9,140	4,920	16,770	2,400	9,700	5,410	17,590	3,080	16.6	17.2	18.0	8.9	17.0	17.7	17.9	8.7
\$75,001 to \$110,000 .....	7,150	2,270	14,630	1,210	7,650	2,470	15,560	1,570	15.7	16.0	18.4	5.3	15.4	15.5	17.8	4.8
\$110,001 or more .....	6,290	1,590	11,530	1,020	6,890	1,640	12,390	1,410	17.6	15.8	24.5	4.1	16.9	14.7	24.1	3.5
Net price <sup>2</sup>																
All income levels .....	16,490	11,930	21,820	23,490	16,820	12,280	22,620	23,460	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$0 to \$30,000 .....	12,560	7,730	15,850	21,880	12,810	8,050	17,010	22,280	34.8	34.6	25.1	67.6	35.3	35.5	26.1	69.0
\$30,001 to \$48,000 .....	13,100	9,260	17,140	23,830	13,410	9,660	18,060	23,520	15.3	16.3	14.0	14.1	15.5	16.5	14.1	14.0
\$48,001 to \$75,000 .....	16,610	13,290	20,260	26,940	16,900	13,640	21,020	26,500	16.6	17.2	18.0	8.9	17.0	17.7	17.9	8.7
\$75,001 to \$110,000 .....	19,860	16,400	23,900	29,970	20,420	17,100	24,620	28,990	15.7	16.0	18.4	5.3	15.4	15.5	17.8	4.8
\$110,001 or more .....	24,090	17,870	30,230	33,050	25,000	18,730	31,090	31,280	17.6	15.8	24.5	4.1	16.9	14.7	24.1	3.5
<b>2-year institutions</b>																
Grant and scholarship aid <sup>1</sup>																
All income levels .....	\$4,470	\$4,530	\$5,620	\$4,120	\$4,630	\$4,680	\$6,200	\$4,270	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$0 to \$30,000 .....	5,250	5,450	5,900	4,580	5,370	5,510	6,300	4,770	66.4	63.9	67.7	75.0	67.1	65.5	66.9	73.9
\$30,001 to \$48,000 .....	4,390	4,520	5,470	3,720	4,610	4,740	6,170	3,900	15.8	16.4	15.9	13.6	15.4	15.6	16.9	14.3
\$48,001 to \$75,000 .....	2,250	2,240	4,550	2,040	2,490	2,480	5,790	2,240	10.0	11.0	9.1	6.8	10.3	11.1	8.7	7.1
\$75,001 to \$110,000 .....	820	740	4,280	840	910	850	5,560	660	5.2	5.8	4.9	2.9	4.9	5.4	4.8	3.0
\$110,001 or more .....	660	590	5,450	480	730	650	6,470	310	2.6	2.9	2.5	1.6	2.3	2.5	2.8	1.6
Net price <sup>2</sup>																
All income levels .....	9,170	6,400	16,770	18,430	9,370	6,630	17,180	19,770	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$0 to \$30,000 .....	8,620	5,380	16,160	17,940	8,810	5,730	16,230	19,250	66.4	63.9	67.7	75.0	67.1	65.5	66.9	73.9
\$30,001 to \$48,000 .....	8,770	6,380	16,370	18,340	9,190	6,570	17,580	19,880	15.8	16.4	15.9	13.6	15.4	15.6	16.9	14.3
\$48,001 to \$75,000 .....	10,790	8,900	18,600	20,760	10,900	8,990	19,340	21,980	10.0	11.0	9.1	6.8	10.3	11.1	8.7	7.1
\$75,001 to \$110,000 .....	12,330	10,710	20,510	22,680	12,630	10,860	20,950	24,100	5.2	5.8	4.9	2.9	4.9	5.4	4.8	3.0
\$110,001 or more .....	12,860	10,880	21,690	24,350	13,180	11,080	24,210	24,870	2.6	2.9	2.5	1.6	2.3	2.5	2.8	1.6

<sup>1</sup>Grant and scholarship aid consists of federal Title IV grants, as well as other grant or scholarship aid from the federal government, state or local governments, or institutional sources. Title IV grants include Federal Pell Grants, Federal Supplemental Educational Opportunity Grants (FSEOGs), Academic Competitiveness Grants (ACGs), National Science and Mathematics Access to Retain Talent Grants (National SMART Grants), and Teacher Education Assistance for College and Higher Education (TEACH) Grants. The average amount of grant and scholarship aid by income level was calculated based on all students who received any type of Title IV aid, even those students who received zero Title IV aid in the form of grants and received Title IV aid only in the form of work-study aid or loan aid.

<sup>2</sup>Net price is the total cost of attendance minus grant and scholarship aid from the federal government, state or local governments, or institutional sources. However, average net price by income level was calculated based on all students who received

any type of Title IV aid, even those who received zero Title IV aid in the form of grants and received Title IV aid only in the form of work-study aid or loan aid.

NOTE: Excludes students who previously attended another postsecondary institution or who began their studies on a part-time basis. Includes only first-time, full-time students who paid the in-state or in-district tuition rate (if they attended public institutions) and who received Title IV aid. Excludes the 17.7 percent of students who did not receive any Title IV aid. Title IV aid includes grant aid, work-study aid, and loan aid. Data are weighted by the number of students at the institution receiving Title IV aid.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Student Financial Aid component. (This table was prepared December 2012.)

**Table 389. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and selected student characteristics: 2007–08**

[Standard errors appear in parentheses]

Selected student characteristic	Any aid			Grants			Loans			Work study	
	Total <sup>1</sup>	Federal <sup>2</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>3</sup>	Federal <sup>3</sup>	Nonfederal	Total <sup>4</sup>	
1	2	3	4	5	6	7	8	9	10	11	
<b>All full-time, full-year undergraduates .....</b>	<b>\$12,860 (98)</b>	<b>\$8,100 (51)</b>	<b>\$8,040 (89)</b>	<b>\$7,190 (72)</b>	<b>\$3,690 (18)</b>	<b>\$6,390 (80)</b>	<b>\$9,470 (76)</b>	<b>\$7,050 (55)</b>	<b>\$7,760 (111)</b>	<b>\$2,260 (26)</b>	
<b>Sex</b>											
Male .....	12,950 (140)	8,220 (91)	8,170 (109)	7,230 (95)	3,720 (30)	6,410 (98)	9,660 (116)	7,180 (92)	7,980 (165)	2,330 (38)	
Female .....	12,790 (114)	8,020 (56)	7,950 (112)	7,150 (84)	3,680 (24)	6,380 (100)	9,340 (85)	6,970 (58)	7,600 (131)	2,210 (33)	
<b>Race/ethnicity</b>											
White .....	12,990 (126)	8,080 (70)	8,420 (114)	7,150 (91)	3,520 (26)	6,590 (99)	9,780 (97)	7,150 (77)	8,090 (126)	2,250 (33)	
Black .....	13,560 (166)	8,970 (111)	7,320 (162)	7,100 (141)	3,840 (46)	5,990 (170)	8,900 (150)	6,990 (114)	6,770 (218)	2,160 (64)	
Hispanic .....	11,470 (196)	7,390 (104)	6,670 (175)	6,610 (115)	3,790 (35)	5,200 (131)	8,950 (206)	6,670 (130)	7,130 (323)	2,330 (82)	
Asian .....	12,740 (284)	7,470 (180)	8,410 (251)	8,840 (241)	3,980 (54)	7,400 (255)	8,720 (248)	6,860 (220)	7,670 (450)	2,400 (99)	
American Indian/Alaska Native .....	10,980 (785)	7,710 (519)	6,380 (645)	6,710 (598)	4,160 (322)	5,110 (597)	8,100 (598)	6,620 (500)	6,340 (863)	1,650 (256)	
Pacific Islander .....	13,560 (897)	8,980 (713)	7,790 (734)	6,300 (520)	3,450 (240)	5,600 (620)	11,160 (696)	8,470 (589)	8,570 (659)	2,460 (244)	
Other .....	12,530 (1,240)	7,890 (594)	8,350 (1,165)	7,560 (1,112)	3,490 (304)	7,070 (1,155)	7,340 (742)	5,690 (492)	† (†)	† (†)	
Two or more races .....	13,860 (393)	8,610 (231)	8,480 (350)	8,270 (335)	3,950 (128)	7,140 (343)	8,950 (342)	6,930 (257)	7,510 (530)	2,380 (103)	
<b>Age</b>											
15 to 23 years old .....	13,150 (112)	7,880 (59)	8,600 (100)	7,760 (82)	3,760 (19)	6,890 (88)	9,580 (93)	7,040 (69)	8,130 (134)	2,240 (26)	
24 to 29 years old .....	12,290 (154)	9,140 (109)	5,750 (132)	5,200 (110)	3,570 (50)	3,750 (127)	9,290 (128)	7,150 (82)	6,750 (219)	2,430 (114)	
30 years old or over .....	11,250 (176)	8,480 (134)	5,400 (155)	4,900 (90)	3,500 (53)	3,620 (120)	8,960 (167)	7,040 (104)	6,390 (253)	2,470 (136)	
<b>Marital status</b>											
Not married <sup>5</sup> .....	13,040 (104)	8,060 (55)	8,270 (92)	7,410 (75)	3,730 (18)	6,580 (82)	9,520 (86)	7,060 (61)	7,950 (120)	2,260 (26)	
Married .....	11,130 (176)	8,290 (129)	5,790 (157)	5,020 (117)	3,370 (64)	4,170 (140)	9,060 (162)	7,000 (104)	6,330 (263)	2,410 (124)	
Separated .....	12,090 (351)	9,130 (276)	4,920 (267)	5,060 (164)	3,800 (95)	3,130 (224)	8,980 (304)	6,910 (168)	5,990 (472)	1,720 (290)	
<b>Dependency status and family income</b>											
Dependent .....	13,280 (120)	7,840 (65)	8,770 (103)	7,880 (88)	3,740 (21)	7,010 (91)	9,690 (97)	7,080 (74)	8,290 (140)	2,230 (26)	
Less than \$20,000 .....	12,990 (210)	8,120 (103)	6,860 (177)	6,680 (151)	4,570 (28)	5,990 (161)	7,020 (151)	5,650 (117)	5,860 (270)	2,210 (65)	
\$20,000–\$39,999 .....	13,910 (224)	7,980 (123)	7,930 (168)	8,650 (153)	3,760 (29)	6,740 (149)	8,020 (219)	6,230 (153)	6,510 (221)	2,160 (70)	
\$40,000–\$59,999 .....	13,420 (213)	7,180 (135)	8,930 (216)	7,550 (166)	2,390 (42)	7,030 (168)	9,190 (216)	6,590 (155)	7,880 (447)	2,250 (48)	
\$60,000–\$79,999 .....	12,790 (226)	7,160 (148)	9,120 (206)	7,100 (202)	1,630 (228)	7,090 (201)	9,770 (170)	6,930 (151)	8,290 (229)	2,300 (68)	
\$80,000–\$99,999 .....	13,450 (294)	7,720 (163)	9,870 (289)	7,640 (277)	† (†)	7,620 (275)	10,660 (222)	7,530 (167)	9,070 (249)	2,220 (79)	
\$100,000 or more .....	13,090 (199)	8,490 (178)	9,430 (156)	7,390 (142)	2,930 (845)	7,370 (143)	11,810 (187)	8,560 (177)	9,870 (254)	2,280 (57)	
Independent .....	11,690 (114)	8,700 (73)	5,630 (99)	5,330 (68)	3,620 (31)	3,970 (85)	8,940 (96)	7,000 (57)	6,420 (147)	2,430 (80)	
Less than \$10,000 .....	12,520 (198)	9,360 (116)	5,570 (161)	6,280 (105)	4,140 (37)	4,180 (127)	8,470 (146)	6,950 (96)	6,040 (239)	2,380 (100)	
\$10,000–\$19,999 .....	11,530 (219)	8,660 (126)	5,220 (201)	4,950 (120)	3,280 (49)	3,730 (176)	8,590 (193)	7,000 (116)	6,020 (306)	2,680 (198)	
\$20,000–\$29,999 .....	11,630 (266)	8,390 (170)	5,790 (288)	5,120 (171)	3,680 (60)	3,610 (213)	9,150 (272)	6,800 (146)	7,140 (498)	2,480 (258)	
\$30,000–\$49,999 .....	10,860 (233)	8,210 (179)	5,130 (179)	3,930 (115)	2,510 (76)	3,430 (160)	9,120 (204)	7,130 (134)	5,950 (318)	2,280 (231)	
\$50,000 or more .....	10,770 (324)	7,680 (226)	6,900 (327)	4,710 (245)	† (†)	4,790 (235)	10,250 (376)	7,220 (163)	7,450 (440)	2,210 (306)	
<b>Housing status</b>											
School-owned .....	17,450 (206)	9,200 (122)	11,560 (174)	10,320 (153)	4,040 (41)	9,350 (154)	10,670 (173)	7,700 (135)	9,180 (240)	2,120 (36)	
Off-campus, not with parents .....	11,910 (110)	8,290 (63)	6,700 (103)	5,950 (79)	3,600 (30)	5,010 (89)	9,320 (92)	7,080 (62)	7,260 (151)	2,430 (53)	
With parents .....	8,670 (127)	6,150 (85)	5,250 (115)	5,360 (84)	3,640 (33)	4,060 (99)	7,710 (155)	5,730 (107)	6,710 (198)	2,600 (82)	
Attended more than one institution .....	11,280 (153)	7,670 (107)	6,750 (149)	5,960 (120)	3,480 (38)	5,210 (145)	8,770 (130)	6,690 (111)	6,860 (156)	2,140 (67)	

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>2</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>3</sup>Includes Parent Loans for Undergraduate Students (PLUS).

<sup>4</sup>Details on federal and nonfederal work-study participants are not available.

<sup>5</sup>Includes students who were single, divorced, or widowed.

NOTE: Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Full-time, full-year undergraduates were enrolled full time for 9 or more months at one or more institutions. Data include undergraduates in degree-granting and non-degree-granting institutions. Data include Puerto Rico. Race categories exclude persons of Hispanic ethnicity. Data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2007–08 National Postsecondary Student Aid Study (NPSAS:08). (This table was prepared July 2013.)

**Table 390. Average amount of financial aid awarded to part-time or part-year undergraduates, by type and source of aid and selected student characteristics: 2007–08**  
[Standard errors appear in parentheses]

Selected student characteristic	Any aid			Grants			Loans			Work study	
	Total <sup>1</sup>	Federal <sup>2</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>3</sup>	Federal <sup>3</sup>	Nonfederal	Total <sup>4</sup>	
1	2	3	4	5	6	7	8	9	10	11	
<b>All part-time or part-year undergraduates</b>	<b>\$5,860 (74)</b>	<b>\$5,220 (53)</b>	<b>\$3,400 (68)</b>	<b>\$2,680 (39)</b>	<b>\$2,050 (17)</b>	<b>\$2,330 (54)</b>	<b>\$6,490 (78)</b>	<b>\$5,240 (48)</b>	<b>\$5,060 (106)</b>	<b>\$2,720 (72)</b>	
Sex											
Male	5,860 (117)	5,390 (124)	3,540 (88)	2,730 (57)	2,040 (30)	2,460 (70)	6,700 (142)	5,390 (126)	5,330 (167)	3,020 (121)	
Female	5,860 (81)	5,130 (53)	3,310 (76)	2,650 (43)	2,060 (20)	2,240 (64)	6,370 (86)	5,150 (52)	4,890 (105)	2,490 (75)	
Race/ethnicity											
White	5,900 (99)	5,290 (78)	3,570 (93)	2,690 (49)	1,970 (23)	2,470 (66)	6,530 (111)	5,220 (72)	5,280 (144)	2,600 (86)	
Black	6,110 (121)	5,270 (82)	3,250 (107)	2,550 (53)	2,070 (33)	2,000 (66)	6,370 (127)	5,090 (81)	4,790 (222)	2,780 (159)	
Hispanic	5,380 (155)	4,910 (127)	2,870 (117)	2,580 (72)	2,140 (39)	1,940 (98)	6,510 (172)	5,540 (167)	4,600 (167)	2,950 (198)	
Asian	6,030 (333)	5,300 (300)	3,840 (307)	3,530 (278)	2,300 (88)	3,160 (341)	6,590 (328)	5,430 (281)	5,090 (377)	2,850 (247)	
American Indian/Alaska Native	4,980 (547)	4,520 (558)	2,450 (257)	2,820 (332)	2,600 (322)	1,840 (226)	4,810 (554)	4,160 (512)	3,240 (534)	‡ (†)	
Pacific Islander	5,080 (460)	5,120 (502)	3,040 (414)	2,370 (306)	1,950 (180)	1,940 (415)	6,270 (666)	5,120 (540)	6,340 (796)	‡ (†)	
Other	5,570 (796)	4,950 (577)	3,630 (1,036)	2,110 (206)	2,050 (152)	1,530 (275)	7,660 (1,054)	5,570 (771)	6,760 (1,866)	‡ (†)	
Two or more races	6,740 (285)	5,690 (235)	3,680 (298)	3,080 (196)	2,050 (73)	2,770 (267)	6,790 (300)	5,470 (218)	4,820 (570)	3,080 (308)	
Age											
15 to 23 years old	6,360 (123)	5,100 (83)	4,090 (116)	3,220 (72)	2,200 (26)	2,930 (100)	6,710 (129)	5,260 (100)	5,570 (148)	2,640 (87)	
24 to 29 years old	6,050 (114)	5,560 (87)	3,060 (97)	2,360 (41)	1,970 (26)	1,870 (63)	6,380 (132)	5,260 (74)	4,620 (166)	2,870 (145)	
30 years old or over	5,050 (84)	5,100 (69)	2,720 (75)	2,230 (38)	1,920 (26)	1,860 (47)	6,240 (138)	5,170 (59)	4,600 (208)	2,940 (161)	
Marital status											
Not married <sup>5</sup>	6,120 (92)	5,230 (63)	3,640 (80)	2,850 (48)	2,100 (19)	2,500 (68)	6,530 (95)	5,250 (64)	5,140 (106)	2,650 (73)	
Married	5,070 (98)	5,180 (87)	2,790 (99)	2,210 (42)	1,850 (40)	1,920 (51)	6,400 (167)	5,240 (81)	4,800 (288)	3,230 (222)	
Separated	6,010 (268)	5,340 (155)	2,990 (296)	2,450 (107)	2,080 (65)	1,750 (166)	6,140 (357)	4,970 (163)	4,780 (691)	2,580 (295)	
Dependency status and family income											
Dependent	6,580 (148)	5,160 (103)	4,350 (133)	3,430 (90)	2,210 (30)	3,160 (115)	6,930 (149)	5,390 (121)	5,740 (166)	2,620 (83)	
Less than \$20,000	5,450 (174)	4,540 (132)	2,820 (130)	3,260 (97)	2,560 (46)	2,100 (124)	5,410 (173)	4,500 (142)	4,370 (248)	2,210 (193)	
\$20,000–\$39,999	6,150 (168)	4,790 (136)	3,420 (123)	3,270 (86)	2,220 (45)	2,570 (109)	6,060 (190)	4,850 (181)	4,650 (278)	2,610 (177)	
\$40,000–\$59,999	6,580 (218)	4,990 (168)	4,320 (213)	3,070 (145)	1,470 (55)	3,110 (185)	6,710 (233)	5,120 (196)	5,540 (300)	2,430 (207)	
\$60,000–\$79,999	6,780 (240)	5,600 (345)	4,810 (176)	3,510 (198)	760 (212)	3,570 (200)	7,180 (316)	5,610 (369)	5,820 (291)	2,770 (211)	
\$80,000–\$99,999	7,570 (438)	5,800 (352)	5,720 (395)	4,050 (405)	‡ (†)	4,050 (406)	7,720 (466)	5,670 (342)	6,640 (427)	3,030 (277)	
\$100,000 or more	7,530 (284)	6,350 (284)	5,520 (272)	4,100 (245)	‡ (†)	4,100 (245)	8,460 (289)	6,630 (307)	6,960 (346)	2,790 (228)	
Independent	5,480 (61)	5,250 (50)	2,860 (59)	2,330 (28)	1,990 (19)	1,850 (37)	6,240 (75)	5,150 (39)	4,630 (123)	2,890 (115)	
Less than \$10,000	6,150 (113)	5,470 (88)	2,960 (104)	2,670 (51)	2,300 (31)	1,710 (71)	5,920 (138)	4,890 (88)	4,560 (208)	2,390 (140)	
\$10,000–\$19,999	5,990 (149)	5,150 (102)	2,910 (136)	2,290 (60)	1,850 (27)	1,670 (103)	6,020 (137)	4,940 (79)	4,470 (208)	2,610 (224)	
\$20,000–\$29,999	5,600 (130)	5,190 (119)	2,810 (100)	2,400 (57)	2,130 (43)	1,780 (78)	6,190 (154)	5,270 (128)	4,270 (183)	3,160 (295)	
\$30,000–\$49,999	5,170 (120)	5,010 (94)	2,710 (95)	2,070 (59)	1,460 (33)	1,830 (75)	6,350 (146)	5,320 (91)	4,520 (213)	3,440 (246)	
\$50,000 or more	4,480 (114)	5,450 (132)	2,910 (96)	2,100 (68)	‡ (†)	2,100 (68)	7,010 (183)	5,570 (137)	5,410 (255)	3,870 (358)	
Housing status											
School-owned	11,230 (366)	6,720 (212)	7,850 (331)	6,400 (253)	2,580 (84)	6,250 (276)	8,210 (262)	5,940 (234)	7,390 (380)	1,690 (84)	
Off-campus, not with parents	5,640 (75)	5,220 (55)	3,090 (66)	2,430 (31)	2,000 (20)	2,010 (43)	6,390 (87)	5,160 (45)	4,940 (128)	2,900 (114)	
With parents	4,830 (138)	4,560 (139)	2,790 (87)	2,420 (50)	2,140 (36)	1,830 (65)	6,060 (191)	5,070 (185)	4,640 (146)	3,250 (165)	
Attended more than one institution	6,660 (132)	5,760 (113)	3,660 (129)	2,830 (93)	2,000 (48)	2,490 (122)	6,600 (137)	5,470 (124)	4,720 (210)	2,400 (204)	

†Not applicable.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Includes students who reported they were awarded aid, but did not specify the source or type of aid.<sup>2</sup>Includes Department of Veterans Affairs and Department of Defense benefits.<sup>3</sup>Includes Parent Loans for Undergraduate Students (PLUS).<sup>4</sup>Details on federal and nonfederal work-study participants are not available.<sup>5</sup>Includes students who were single, divorced, or widowed.

NOTE: Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Part-time or part-year undergraduates include students enrolled part time for 9 or more months and students enrolled less than 9 months either part time or full time. Data include undergraduates in degree-granting and non-degree-granting institutions. Data include veteran's benefits and Department of Defense aid. Data include Puerto Rico. Race categories exclude persons of Hispanic ethnicity. Data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2007–08 National Postsecondary Student Aid Study (NPSAS:08). (This table was prepared July 2013.)

**Table 391. Amount borrowed, aid status, and sources of aid for full-time and part-time undergraduates, by control and level of institution: 2003–04 and 2007–08**

[Standard errors appear in parentheses]

Control and level of institution	Number of undergraduates <sup>1</sup> (in thousands)	Cumulative amount borrowed for undergraduate education <sup>2</sup>	Aid status (percent of students)													
			Nonaided	Source of aid												
				Any aid <sup>3,4</sup>	Federal <sup>4</sup>	State		Institutional		Other <sup>3</sup>						
1	2	3	4	5	6	7	8	9								
	2003–04															
Full-time, full-year students	7,679	(79.8)	\$11,800	(106)	24.5	(0.56)	75.5	(0.56)	60.7	(0.42)	24.3	(0.59)	32.0	(0.72)	23.4	(0.45)
All institutions.....																
Public.....	5,569	(72.0)	10,560	(115)	29.7	(0.54)	70.3	(0.54)	55.0	(0.41)	23.6	(0.54)	24.0	(0.59)	19.9	(0.37)
4-year doctoral.....	2,375	(30.0)	11,810	(136)	24.4	(0.63)	75.6	(0.63)	58.3	(0.68)	24.5	(0.75)	32.4	(0.82)	23.1	(0.51)
Other 4-year.....	1,201	(41.0)	10,790	(294)	22.6	(1.36)	77.4	(1.36)	64.7	(1.25)	29.8	(1.62)	23.9	(1.45)	20.5	(0.93)
2-year.....	1,967	(52.1)	7,390	(245)	40.5	(0.86)	59.5	(0.86)	45.1	(0.76)	18.7	(0.81)	14.3	(0.89)	15.5	(0.67)
Less-than-2-year.....	26	(2.2)	6,230	(518)	34.3	(3.09)	65.7	(3.09)	45.1	(2.95)	18.0	(2.62)	7.0	(1.39)	20.6	(2.38)
Private, nonprofit.....	1,623	(38.6)	14,310	(275)	11.6	(0.74)	88.4	(0.74)	72.4	(0.72)	29.4	(1.77)	65.4	(2.19)	34.0	(1.21)
4-year doctoral.....	653	(27.8)	15,010	(445)	16.1	(1.02)	83.9	(1.02)	65.7	(1.53)	23.8	(1.90)	64.2	(2.12)	34.2	(1.29)
Other 4-year.....	925	(33.9)	14,040	(398)	8.4	(1.11)	91.6	(1.11)	77.1	(1.17)	33.3	(2.73)	67.5	(3.34)	34.4	(1.96)
Less-than-4-year.....	45	(4.1)	9,730	(1,240)	13.8	(3.04)	86.2	(3.04)	71.4	(3.93)	30.1	(5.32)	38.1	(7.04)	20.8	(3.58)
Private, for-profit.....	487	(17.9)	12,950	(344)	7.6	(0.86)	92.4	(0.86)	87.2	(1.26)	15.6	(2.22)	12.3	(1.54)	28.1	(1.89)
2-year and above.....	355	(19.3)	14,670	(448)	6.0	(0.91)	94.0	(0.91)	89.3	(1.30)	19.6	(3.01)	12.3	(2.08)	30.9	(2.56)
Less-than-2-year.....	132	(3.8)	7,730	(278)	12.0	(1.15)	88.0	(1.15)	81.8	(1.72)	5.0	(0.74)	12.2	(0.95)	20.5	(1.09)
Part-time or part-year students	11,375	(79.8)	10,660	(132)	45.9	(0.79)	54.1	(0.79)	38.3	(0.76)	10.2	(0.44)	10.3	(0.49)	19.2	(0.34)
All institutions.....																
Public.....	9,095	(74.6)	10,230	(134)	53.1	(1.01)	46.9	(1.01)	31.2	(1.06)	10.1	(0.44)	7.9	(0.45)	16.6	(0.36)
Private, nonprofit.....	1,232	(36.9)	13,790	(470)	23.2	(1.04)	76.8	(1.04)	53.2	(1.27)	13.9	(1.52)	30.7	(2.39)	33.1	(1.25)
Private, for-profit.....	1,048	(20.4)	9,520	(291)	10.3	(0.52)	89.7	(0.52)	83.1	(0.70)	6.8	(0.87)	6.9	(0.91)	25.0	(1.43)
	2007–08 <sup>5</sup>															
Full-time, full-year students	7,650	(—)	\$15,170	(127)	19.7	(0.28)	80.3	(0.28)	64.3	(0.32)	28.5	(0.38)	34.1	(0.47)	32.7	(0.32)
All institutions.....																
Public.....	5,189	(—)	13,150	(117)	24.6	(0.33)	75.4	(0.33)	58.8	(0.35)	29.8	(0.42)	27.0	(0.39)	26.4	(0.32)
4-year doctoral.....	2,531	(—)	14,710	(169)	22.2	(0.40)	77.8	(0.40)	59.6	(0.48)	30.6	(0.60)	33.6	(0.59)	30.8	(0.43)
Other 4-year.....	1,051	(—)	13,430	(202)	17.5	(0.58)	82.5	(0.58)	67.9	(0.67)	34.5	(0.94)	25.0	(0.89)	29.2	(0.67)
2-year.....	1,584	(—)	8,710	(176)	33.1	(0.69)	66.9	(0.69)	51.4	(0.73)	25.8	(0.76)	18.1	(0.71)	17.6	(0.56)
Less-than-2-year.....	22	(—)	10,000	(996)	30.9	(3.87)	69.1	(3.87)	58.6	(3.84)	17.1	(4.00)	†	(†)	21.6	(3.23)
Private, nonprofit.....	1,737	(—)	19,300	(325)	10.2	(0.56)	89.8	(0.56)	72.2	(0.64)	32.3	(1.01)	66.6	(1.54)	42.9	(0.68)
4-year doctoral.....	861	(—)	20,730	(499)	14.2	(0.93)	85.8	(0.93)	67.8	(1.20)	27.9	(0.96)	65.0	(2.09)	41.6	(1.04)
Other 4-year.....	854	(—)	18,100	(439)	6.1	(0.71)	93.9	(0.71)	76.2	(1.09)	36.6	(1.90)	69.4	(2.31)	44.7	(1.04)
Less-than-4-year.....	22	(—)	12,740	(1,267)	6.2	(2.01)	93.8	(2.01)	88.8	(2.95)	40.1	(7.04)	15.4	! (7.51)	23.4	(4.97)
Private, for-profit.....	724	(—)	15,960	(382)	7.2	(0.67)	92.8	(0.67)	85.1	(1.21)	9.4	(1.06)	7.6	(1.54)	53.8	(1.24)
2-year and above.....	610	(—)	17,030	(453)	7.5	(0.79)	92.5	(0.79)	84.4	(1.41)	8.9	(1.18)	7.7	(1.83)	56.7	(1.41)
Less-than-2-year.....	115	(—)	9,570	(215)	5.7	(0.85)	94.3	(0.85)	88.9	(1.71)	12.3	(2.45)	6.9	(1.48)	38.5	(1.30)
Part-time or part-year students	13,112	(—)	\$12,770	(117)	43.1	(0.45)	56.9	(0.45)	39.3	(0.30)	10.6	(0.23)	11.9	(0.36)	24.0	(0.35)
All institutions.....																
Public.....	10,402	(—)	11,800	(114)	50.7	(0.54)	49.3	(0.54)	30.3	(0.36)	10.6	(0.25)	10.5	(0.33)	19.0	(0.31)
4-year doctoral.....	1,685	(—)	16,390	(249)	35.8	(0.73)	64.2	(0.73)	44.0	(0.74)	15.9	(0.57)	16.6	(0.59)	26.6	(0.78)
Other 4-year.....	1,164	(—)	13,670	(284)	39.9	(1.02)	60.1	(1.02)	43.2	(0.97)	11.4	(0.57)	7.4	(0.42)	25.1	(0.95)
2-year.....	7,477	(—)	9,360	(152)	55.8	(0.68)	44.2	(0.68)	25.2	(0.42)	9.4	(0.32)	9.8	(0.44)	16.4	(0.36)
Less-than-2-year.....	76	(—)	8,140	(574)	53.3	(2.17)	46.7	(2.17)	31.4	(1.91)	9.9	! (3.86)	4.0	! (1.25)	15.5	(1.43)
Private, nonprofit.....	1,168	(—)	18,480	(349)	22.7	(0.90)	77.3	(0.90)	55.4	(0.87)	15.6	(0.80)	27.9	(1.18)	40.8	(0.95)
4-year doctoral.....	465	(—)	20,420	(595)	24.5	(1.37)	75.5	(1.37)	49.7	(1.87)	12.7	(1.00)	30.9	(2.11)	43.2	(1.49)
Other 4-year.....	637	(—)	17,690	(463)	21.2	(1.29)	78.8	(1.29)	58.2	(1.43)	17.5	(1.21)	27.7	(1.45)	40.8	(1.42)
Less-than-4-year.....	66	(—)	12,380	(1,756)	24.7	(4.14)	75.3	(4.14)	67.4	(3.94)	18.5	(5.28)	8.1	! (3.49)	24.1	(2.18)
Private, for-profit.....	1,542	(—)	12,470	(336)	6.8	(0.56)	93.2	(0.56)	87.7	(0.73)	6.6	(0.68)	8.7	(1.74)	44.5	(1.62)
2-year and above.....	1,205	(—)	13,410	(416)	5.5	(0.70)	94.5	(0.70)	89.6	(0.90)	7.0	(0.80)	9.0	(2.16)	46.7	(2.01)
Less-than-2-year.....	337	(—)	8,840	(200)	11.4	(0.81)	88.6	(0.81)	80.7	(1.24)	5.3	(1.07)	7.5	(1.98)	36.5	(1.40)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any time during the academic year.

<sup>2</sup>Includes only those students who borrowed to finance their undergraduate education. Excludes loans from family sources.

<sup>3</sup>Includes students who reported that they were awarded aid, but did not specify the source of the aid.

<sup>4</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>5</sup>Data have been revised from previously published figures.

NOTE: Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 and 2007–08 National Postsecondary Student Aid Study (NPSAS:04 and NPSAS:08). (This table was prepared July 2013.)

**Table 392. Percentage of full-time, full-year undergraduates receiving financial aid, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2007–08**  
[Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>	
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total	Federal
1	2	3	4	5	6	7	8	9	10	11	12
<b>1992–93, all institutions .....</b>	<b>58.7 (0.81)</b>	<b>45.6 (0.80)</b>	<b>37.9 (0.76)</b>	<b>48.9 (0.75)</b>	<b>29.4 (0.76)</b>	<b>34.0 (0.71)</b>	<b>32.3 (0.78)</b>	<b>31.3 (0.77)</b>	<b>2.7 (0.20)</b>	<b>10.2 (0.48)</b>	<b>6.8 (0.39)</b>
Public.....	52.6 (1.03)	40.0 (0.98)	33.0 (0.88)	43.1 (0.94)	27.8 (0.83)	29.1 (0.79)	25.5 (0.89)	24.8 (0.88)	2.0 (0.22)	6.8 (0.43)	4.2 (0.30)
4-year doctoral.....	54.1 (1.18)	39.3 (1.17)	34.8 (0.81)	42.4 (1.02)	23.8 (0.96)	30.8 (0.74)	31.2 (1.05)	30.4 (1.04)	2.4 (0.26)	7.1 (0.55)	4.3 (0.37)
Other 4-year.....	57.1 (1.56)	46.1 (1.61)	37.4 (1.69)	46.1 (1.65)	32.1 (1.63)	32.4 (1.55)	32.2 (1.38)	31.1 (1.34)	2.8 (0.59)	9.5 (0.76)	5.4 (0.57)
2-year.....	47.2 (2.35)	36.0 (2.09)	27.0 (1.96)	41.9 (2.19)	29.9 (1.81)	24.3 (1.87)	12.1 (1.40)	11.7 (1.38)	0.7 ! (0.24)	4.1 (0.75)	3.0 (0.58)
Less-than-2-year.....	35.4 (7.28)	31.6 (7.27)	15.7 ! (6.50)	30.3 (5.52)	26.6 (5.70)	12.8 ! (5.75)	† (†)	† (†)	† (†)	† (†)	† (†)
Private, nonprofit.....	70.2 (1.52)	53.4 (1.43)	58.0 (1.60)	62.9 (1.50)	27.7 (1.78)	54.1 (1.64)	45.4 (1.33)	43.6 (1.31)	5.0 (0.48)	22.2 (1.11)	15.9 (0.99)
4-year doctoral.....	63.6 (1.80)	44.5 (1.57)	54.8 (1.78)	56.1 (1.79)	17.3 (1.29)	51.8 (1.70)	40.5 (1.37)	38.5 (1.31)	6.1 (0.65)	18.9 (1.24)	13.2 (1.38)
Other 4-year.....	76.2 (2.07)	60.8 (2.07)	62.7 (2.66)	69.4 (2.07)	35.6 (2.77)	58.1 (2.81)	50.6 (2.17)	49.0 (2.20)	4.1 (0.77)	27.0 (1.61)	19.7 (1.47)
Less-than-4-year.....	73.9 (4.01)	63.9 (5.69)	42.0 (5.38)	61.3 (4.73)	47.3 (7.16)	35.4 (6.71)	39.7 (5.73)	38.1 (5.51)	2.5 ! (0.97)	4.6 (1.36)	3.0 ! (1.01)
Private, for-profit.....	77.3 (2.53)	72.4 (2.76)	16.4 (2.97)	57.0 (2.67)	50.9 (2.69)	11.4 (2.75)	52.9 (3.87)	52.4 (3.87)	2.1 ! (0.66)	† (†)	0.8 ! (0.36)
2-year and above.....	82.7 (3.43)	77.4 (4.27)	22.7 (5.67)	52.5 (4.19)	43.4 (4.13)	16.4 ! (5.15)	63.3 (4.16)	63.0 (4.18)	3.0 ! (1.41)	† (†)	† (†)
Less-than-2-year.....	73.2 (3.27)	68.6 (3.26)	11.5 (2.43)	60.4 (3.57)	56.7 (3.75)	7.5 ! (2.47)	45.0 (5.12)	44.3 (5.09)	1.5 (0.40)	† (†)	0.2 ! (0.09)
<b>1999–2000, all institutions .....</b>	<b>72.5 (0.51)</b>	<b>57.7 (0.56)</b>	<b>51.8 (0.64)</b>	<b>58.7 (0.59)</b>	<b>30.3 (0.59)</b>	<b>48.3 (0.65)</b>	<b>45.4 (0.62)</b>	<b>44.3 (0.63)</b>	<b>6.8 (0.25)</b>	<b>11.2 (0.38)</b>	<b>8.5 (0.31)</b>
Public.....	67.5 (0.64)	52.6 (0.68)	46.0 (0.72)	53.0 (0.70)	29.8 (0.69)	42.5 (0.72)	38.9 (0.74)	37.9 (0.75)	4.4 (0.24)	7.2 (0.36)	5.4 (0.30)
4-year doctoral.....	71.0 (0.65)	54.7 (0.70)	48.7 (0.74)	53.1 (0.70)	25.7 (0.72)	44.6 (0.71)	48.3 (0.76)	47.2 (0.78)	5.5 (0.36)	8.3 (0.46)	5.8 (0.38)
Other 4-year.....	75.0 (1.24)	62.2 (1.48)	50.0 (1.61)	57.7 (1.74)	34.5 (2.11)	46.2 (1.60)	49.1 (1.75)	48.2 (1.78)	4.5 (0.46)	10.4 (1.05)	7.7 (0.83)
2-year.....	58.2 (1.34)	43.8 (1.28)	40.0 (1.56)	49.9 (1.42)	32.1 (1.17)	37.7 (1.60)	20.5 (1.26)	19.6 (1.24)	3.1 (0.47)	3.8 (0.53)	3.4 (0.50)
Less-than-2-year.....	60.7 (5.94)	48.1 (6.42)	33.6 (4.81)	49.2 (6.35)	40.8 (6.85)	25.0 (5.05)	11.0 ! (4.14)	11.0 ! (4.14)	† (†)	† (†)	# (†)
Private, nonprofit.....	84.0 (0.77)	67.6 (1.02)	71.6 (1.27)	74.7 (1.12)	27.7 (1.23)	68.9 (1.36)	59.3 (1.14)	57.7 (1.18)	13.4 (0.65)	24.4 (1.07)	18.8 (0.82)
4-year doctoral.....	78.8 (1.13)	62.3 (1.41)	69.4 (1.29)	69.7 (1.24)	22.4 (0.95)	66.4 (1.36)	57.3 (1.42)	55.5 (1.43)	15.1 (0.86)	24.7 (1.17)	20.9 (1.06)
Other 4-year.....	88.3 (1.12)	72.2 (1.53)	74.1 (2.12)	78.7 (1.81)	30.9 (2.13)	71.6 (2.27)	62.2 (1.79)	60.6 (1.87)	12.8 (1.01)	24.8 (1.75)	17.7 (1.26)
Less-than-4-year.....	81.1 (3.64)	62.6 (3.94)	61.5 (4.76)	73.9 (3.59)	40.0 (3.66)	59.4 (5.18)	40.3 (5.18)	40.2 (5.19)	5.0 (0.80)	15.1 (2.91)	10.9 (2.54)
Private, for-profit.....	89.2 (1.25)	86.0 (1.50)	35.3 (3.45)	61.8 (2.49)	52.0 (2.95)	28.8 (3.14)	75.0 (2.87)	74.1 (2.93)	7.3 (1.69)	2.3 ! (0.84)	2.0 ! (0.83)
2-year and above.....	88.3 (1.60)	85.3 (1.90)	38.3 (4.46)	58.5 (2.99)	46.3 (3.47)	33.1 (4.01)	79.5 (2.77)	78.7 (2.80)	6.8 ! (2.15)	2.6 ! (1.03)	2.1 ! (1.00)
Less-than-2-year.....	91.7 (1.27)	88.3 (1.92)	26.1 (3.49)	71.9 (3.47)	69.9 (3.52)	15.6 (3.83)	61.0 (7.08)	59.9 (7.28)	8.9 (1.89)	† (†)	† (†)
<b>2003–04, all institutions .....</b>	<b>75.5 (0.56)</b>	<b>60.7 (0.42)</b>	<b>54.7 (0.68)</b>	<b>62.6 (0.51)</b>	<b>33.4 (0.29)</b>	<b>49.9 (0.64)</b>	<b>48.2 (0.45)</b>	<b>46.7 (0.44)</b>	<b>8.9 (0.31)</b>	<b>13.9 (0.41)</b>	<b>10.7 (0.36)</b>
Public.....	70.3 (0.54)	55.0 (0.41)	48.8 (0.55)	56.3 (0.51)	31.6 (0.37)	44.3 (0.53)	40.5 (0.41)	39.0 (0.40)	5.9 (0.18)	10.1 (0.31)	7.6 (0.27)
4-year doctoral.....	75.6 (0.63)	58.3 (0.68)	55.4 (0.67)	59.3 (0.62)	28.1 (0.78)	50.8 (0.73)	51.7 (0.75)	50.2 (0.73)	7.4 (0.38)	11.1 (0.40)	8.2 (0.36)
Other 4-year.....	77.4 (1.36)	64.7 (1.25)	54.3 (1.23)	59.6 (1.74)	35.0 (1.54)	48.9 (1.21)	53.2 (1.33)	51.6 (1.32)	7.6 (0.52)	13.4 (0.77)	10.3 (0.71)
2-year.....	59.5 (0.86)	45.1 (0.76)	37.6 (1.02)	50.6 (0.96)	33.7 (0.75)	34.0 (1.01)	19.6 (0.80)	18.2 (0.80)	3.1 (0.22)	7.0 (0.54)	5.2 (0.46)
Less-than-2-year.....	65.7 (3.09)	45.1 (2.95)	37.9 (2.69)	51.7 (3.06)	36.4 (2.20)	24.9 (2.59)	17.5 (4.55)	16.8 (4.64)	2.9 ! (0.88)	2.4 ! (1.00)	1.2 ! (0.59)
Private, nonprofit.....	88.4 (0.74)	72.4 (0.72)	78.3 (1.77)	81.2 (0.92)	31.9 (0.64)	74.6 (1.81)	64.9 (1.04)	63.1 (1.00)	16.8 (0.97)	29.8 (1.49)	23.5 (1.34)
4-year doctoral.....	83.9 (1.02)	65.7 (1.53)	76.0 (1.43)	75.9 (1.16)	24.2 (2.24)	72.2 (1.38)	60.3 (1.59)	58.4 (1.59)	17.5 (1.71)	28.1 (1.42)	22.9 (1.44)
Other 4-year.....	91.6 (1.11)	77.1 (1.17)	80.7 (2.87)	85.2 (1.48)	36.6 (1.64)	77.2 (2.99)	69.1 (1.95)	67.6 (1.90)	16.6 (1.35)	31.9 (2.18)	24.7 (1.95)
Less-than-4-year.....	86.2 (3.04)	71.4 (3.93)	62.2 (4.94)	75.4 (3.74)	49.4 (4.06)	55.4 (5.88)	44.2 (4.56)	41.5 (4.18)	9.1 ! (3.53)	10.2 ! (3.20)	8.5 ! (2.74)
Private, for-profit.....	92.4 (0.86)	87.2 (1.26)	44.1 (2.44)	72.6 (1.46)	58.9 (1.29)	31.6 (2.43)	80.6 (1.83)	79.5 (1.85)	16.3 (1.66)	3.7 (0.69)	3.1 (0.58)
2-year and above.....	94.0 (0.91)	89.3 (1.30)	48.5 (3.23)	73.8 (1.93)	58.7 (1.65)	36.3 (3.15)	84.5 (1.62)	83.7 (1.64)	17.5 (2.14)	4.5 (0.90)	3.8 (0.76)
Less-than-2-year.....	88.0 (1.15)	81.8 (1.72)	32.5 (1.45)	69.2 (0.98)	59.5 (1.11)	19.0 (1.98)	70.2 (3.73)	68.4 (3.73)	13.1 (1.34)	1.6 (0.31)	1.5 (0.33)
<b>2007–08,<sup>5</sup> all institutions .....</b>	<b>80.3 (0.28)</b>	<b>64.3 (0.32)</b>	<b>63.7 (0.36)</b>	<b>65.1 (0.36)</b>	<b>34.0 (0.27)</b>	<b>53.5 (0.40)</b>	<b>54.4 (0.32)</b>	<b>50.6 (0.31)</b>	<b>20.4 (0.31)</b>	<b>13.7 (0.28)</b>	<b>10.6 (0.22)</b>
Public.....	75.4 (0.33)	58.8 (0.35)	57.9 (0.39)	59.3 (0.38)	32.5 (0.29)	49.6 (0.40)	46.0 (0.33)	42.5 (0.33)	14.2 (0.24)	9.5 (0.25)	7.1 (0.22)
4-year doctoral.....	77.8 (0.40)	59.6 (0.48)	62.8 (0.49)	59.9 (0.54)	27.9 (0.38)	53.9 (0.53)	54.6 (0.50)	50.7 (0.50)	17.4 (0.37)	10.2 (0.35)	7.6 (0.32)
Other 4-year.....	82.5 (0.58)	67.9 (0.67)	62.3 (0.79)	63.5 (0.80)	36.0 (0.65)	52.3 (0.83)	56.7 (0.71)	53.5 (0.71)	16.2 (0.60)	11.5 (0.59)	8.7 (0.45)
2-year.....	66.9 (0.69)	51.4 (0.73)	47.5 (0.79)	55.5 (0.63)	37.3 (0.65)	41.3 (0.76)	25.5 (0.59)	22.3 (0.57)	7.8 (0.37)	7.1 (0.36)	5.5 (0.29)
Less-than-2-year.....	69.1 (3.87)	58.6 (3.84)	33.0 (4.74)	56.6 (3.58)	50.0 (3.97)	16.1 (2.88)	26.5 (4.79)	23.6 (4.33)	10.7 (2.75)	# (†)	# (†)
Private, nonprofit.....	89.8 (0.56)	72.2 (0.64)	82.5 (0.80)	81.5 (0.82)	30.0 (0.44)	76.6 (1.01)	67.1 (0.63)	63.3 (0.58)	29.9 (0.71)	31.4 (1.03)	24.5 (0.83)
4-year doctoral.....	85.8 (0.93)	67.8 (1.20)	79.1 (1.14)	76.9 (1.17)	25.1 (1.05)	73.2 (1.42)	63.9 (1.19)	59.7 (1.21)	29.5 (1.01)	29.8 (1.13)	24.2 (1.06)
Other 4-year.....	93.9 (0.71)	76.2 (1.09)	86.5 (1.07)	86.4 (1.06)	34.1 (1.19)	80.8 (1.37)	70.9 (1.14)	67.6 (1.17)	30.6 (1.03)	33.7 (1.77)	25.3 (1.37)
Less-than-4-year.....	93.8 (2.01)	88.8 (2.95)	58.7 (7.48)	73.6 (5.18)	63.0 (6.84)	46.8 (6.64)	44.6 (6.58)	41.4 (6.20)	19.2 (5.61)	4.9 (1.07)	4.2 (1.13)
Private, for-profit.....	92.8 (0.67)	85.1 (1.21)	59.7 (1.55)	66.8 (1.42)	54.8 (1.41)	26.3 (1.60)	84.4 (1.11)	78.2 (1.23)	42.5 (1.58)	1.9 (0.29)	1.6 (0.28)
2-year and above.....	92.5 (0.79)	84.4 (1.41)	61.5 (1.78)	65.3 (1.64)	51.5 (1.63)	27.9 (1.87)	85.6 (1.27)	80.2 (1.34)	43.7 (1.87)	2.1 (0.34)	1.8 (0.33)
Less-than-2-year.....	94.3 (0.85)	88.9 (1.71)	50.2 (2.53)	75.1 (1.87)	72.3 (1.88)	17.9 (2.11)	78.0 (1.79)	67.7 (3.00)	35.8 (1.43)	0.8 ! (0.28)	0.6 ! (0.28)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Details on nonfederal work-study participants are not available.<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.<sup>4</sup>The 2003–04 and 2007–08 data include Parent Loans for Undergraduate Students (PLUS).<sup>5</sup>Data have been revised from previously published figures.

NOTE: Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 393. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2007–08**

[Standard errors appear in parentheses]

Control and level of institution	Any aid						Grants					Loans					Work study¹					
	Total²		Federal³		Nonfederal		Total⁴		Federal		Nonfederal		Total⁵		Federal⁵		Nonfederal		Total		Federal	
1	2		3		4		5		6		7		8		9		10		11		12	
1992–93, all institutions.....	\$5,730	(1,344)	\$4,300	(334)	\$3,480	(915)	\$3,550	(643)	\$1,980	(32)	\$3,320	(807)	\$3,880	(293)	\$3,760	(198)	\$2,730	(664)	\$1,380	(103)	\$1,290	(93)
Public.....	4,070	(314)	3,700	(45)	1,800	(262)	2,400	(60)	1,880	(21)	1,660	(325)	3,330	(41)	3,270	(46)	2,020	(133)	1,370	(84)	1,350	(65)
4-year doctoral.....	4,750	(349)	4,360	(55)	2,280	(235)	2,710	(106)	1,970	(25)	2,140	(278)	3,640	(60)	3,560	(68)	2,110	(269)	1,430	(116)	1,360	(102)
Other 4-year.....	4,240	(302)	3,780	(71)	1,660	(85)	2,420	(49)	1,940	(29)	1,450	(123)	3,200	(64)	3,120	(66)	2,150	(204)	1,240	(61)	1,270	(69)
2-year.....	2,760	(189)	2,620	(100)	1,090	(461)	1,930	(76)	1,720	(61)	+	(+)	2,530	(163)	2,560	(152)	+	(+)	1,470	(165)	1,470	(156)
Less-than-2-year.....	2,300	(322)	1,950	(217)	1,140	(503)	1,970	(305)	1,760	(44)	880	(163)	3,140	(801)	2,970	(885)	+	(+)	+	(+)	+	(+)
Private, nonprofit.....	9,220	! (3,036)	5,250	(949)	6,050	! (1,869)	6,030	(1,564)	2,310	(124)	5,740	(1,651)	4,430	(809)	4,190	(600)	3,440	(772)	1,360	(268)	1,250	(194)
4-year doctoral.....	10,240	(932)	5,630	(341)	6,920	(326)	6,810	(241)	2,410	(59)	6,390	(422)	4,880	(142)	4,540	(121)	3,690	(468)	1,520	(63)	1,370	(80)
Other 4-year.....	8,280	(1,403)	4,920	(363)	5,160	(315)	5,370	(359)	2,260	(71)	4,790	(316)	4,170	(175)	4,020	(155)	2,910	(318)	1,280	(74)	1,180	(62)
Less-than-4-year.....	7,670	(920)	4,750	(225)	4,580	(434)	4,860	(405)	2,230	(25)	4,620	(389)	3,730	(124)	3,640	(111)	2,670	(405)	1,120	(68)	1,100	(66)
Private, for-profit.....	5,210	(294)	4,920	(284)	2,350	! (1,168)	2,120	(307)	1,900	(71)	+	(+)	4,740	(287)	4,680	(286)	2,360	(605)	2,420	(593)	+	(+)
2-year and above.....	6,010	(328)	5,530	(285)	+	(+)	2,410	(528)	1,970	(142)	+	(+)	5,190	(417)	5,110	(381)	+	(+)	+	(+)	+	(+)
Less-than-2-year.....	4,510	(434)	4,390	(430)	+	(+)	1,920	(158)	1,860	(70)	+	(+)	4,240	(420)	4,210	(384)	+	(+)	+	(+)	+	(+)
1995–96, all institutions.....	\$6,860	(240)	\$5,370	(115)	\$3,800	(253)	\$3,900	(212)	\$2,010	(22)	\$3,610	(253)	\$5,020	(95)	\$4,970	(94)	\$2,750	(363)	\$1,370	(75)	\$1,300	(66)
Public.....	5,230	(148)	4,820	(136)	2,210	(74)	2,700	(76)	1,930	(26)	2,080	(72)	4,620	(138)	4,610	(139)	2,350	(564)	1,350	(100)	1,290	(77)
4-year doctoral.....	6,290	(165)	5,670	(248)	2,860	(104)	3,190	(142)	1,910	(24)	2,730	(106)	5,180	(233)	5,130	(232)	2,690	(715)	1,310	(199)	1,280	(147)
Other 4-year.....	5,420	(229)	4,850	(197)	1,980	(63)	2,700	(68)	1,950	(73)	1,850	(53)	4,310	(135)	4,300	(133)	+	(+)	1,440	(102)	1,370	(70)
2-year.....	3,420	(232)	3,460	(206)	1,270	(112)	2,010	(75)	1,940	(185)	1,090	(91)	3,620	(303)	3,680	(319)	+	(+)	1,270	(171)	1,220	(175)
Less-than-2-year.....	+	(+)	2,660	! (1,040)	2,410	(471)	2,370	(113)	1,740	(328)	2,550	(282)	3,600	(564)	3,600	(564)	+	(+)	+	(+)	+	(+)
Private, nonprofit.....	10,540	(660)	6,500	(236)	6,390	(586)	6,360	(576)	2,270	(60)	5,990	(567)	5,700	(137)	5,580	(130)	3,110	(620)	1,390	(109)	1,310	(100)
4-year doctoral.....	13,040	(1,635)	7,310	(433)	8,450	(1,494)	8,240	(1,549)	2,350	(61)	7,870	(1,465)	6,450	(276)	6,320	(217)	3,560	! (1,564)	1,650	(239)	1,540	(204)
Other 4-year.....	9,810	(240)	6,270	(237)	5,700	(133)	5,790	(120)	2,270	(101)	5,330	(126)	5,420	(161)	5,310	(148)	3,340	(329)	1,280	(69)	1,210	(62)
Less-than-4-year.....	6,190	(296)	5,100	(183)	2,850	(303)	3,190	(622)	2,030	(32)	2,760	(619)	5,000	(349)	4,870	(236)	1,280	(90)	1,190	(55)	1,090	(213)
Private, for-profit.....	6,400	(158)	5,870	(114)	2,700	(273)	2,510	(97)	1,950	(33)	2,360	(253)	5,280	(245)	5,210	(230)	2,350	(255)	+	(+)	+	(+)
2-year and above.....	7,040	(389)	6,370	(328)	2,950	(197)	2,830	(193)	2,000	(33)	2,690	(149)	5,670	(220)	5,620	(224)	+	(+)	+	(+)	+	(+)
Less-than-2-year.....	5,650	(525)	5,270	(461)	2,370	(527)	2,140	(102)	1,900	(88)	1,620	(407)	4,770	(713)	4,680	(678)	2,070	(404)	+	(+)	+	(+)
1999–2000, all institutions.....	\$8,520	(78)	\$6,160	(57)	\$5,030	(97)	\$4,980	(69)	\$2,520	(17)	\$4,460	(90)	\$6,280	(72)	\$5,690	(69)	\$4,940	(128)	\$1,670	(33)	\$1,560	(26)
Public.....	6,340	(74)	5,500	(60)	3,000	(57)	3,490	(38)	2,460	(13)	2,620	(42)	5,450	(65)	5,130	(68)	3,930	(212)	1,730	(38)	1,640	(53)
4-year doctoral.....	7,560	(85)	6,420	(68)	3,800	(74)	4,110	(57)	2,510	(38)	3,440	(72)	5,950	(74)	5,620	(59)	3,950	(204)	1,790	(54)	1,690	(31)
Other 4-year.....	6,310	(193)	5,480	(149)	2,630	(141)	3,240	(104)	2,410	(26)	2,240	(99)	5,120	(197)	4,880	(197)	3,630	(477)	1,660	(103)	1,570	(171)
2-year.....	4,400	(109)	4,000	(70)	1,990	(82)	2,810	(72)	2,450	(154)	1,630	(49)	4,430	(100)	3,990	(86)	4,160	(454)	1,690	(135)	1,610	(74)
Less-than-2-year.....	4,480	(947)	4,100	(1,163)	2,040	(391)	2,850	(210)	2,380	(308)	1,770	(430)	5,540	(1,081)	5,490	(1,157)	+	(+)	+	(+)	+	(+)
Private, nonprofit.....	13,490	(218)	7,260	(78)	8,920	(258)	8,270	(276)	2,700	(70)	7,870	(233)	7,610	(83)	6,480	(84)	5,790	(160)	1,610	(52)	1,480	(30)
4-year doctoral.....	15,670	(268)	7,960	(169)	10,610	(325)	9,850	(290)	2,610	(66)	9,370	(261)	8,350	(146)	6,870	(178)	6,500	(310)	1,820	(52)	1,700	(59)
Other 4-year.....	12,280	(259)	6,860	(94)	7,920	(257)	7,380	(290)	2,620	(136)	6,980	(255)	7,140	(96)	6,250	(67)	5,150	(196)	1,470	(63)	1,290	(37)
Less-than-4-year.....	8,520	(981)	6,110	(464)	4,940	(618)	5,040	(637)	2,510	(22)	4,460	(710)	6,100	(326)	5,440	(268)	5,520	(1,439)	960	(119)	870	(80)
Private, for-profit.....	9,300	(345)	8,030	(233)	3,880	(344)	3,500	(190)	2,570	(87)	2,850	(331)	7,460	(256)	6,930	(232)	6,210	(478)	+	(+)	+	(+)
2-year and above.....	9,980	(441)	8,520	(308)	3,980	(377)	3,780	(247)	2,460	(96)	3,010	(350)	7,840	(311)	7,320	(281)	6,820	(659)	+	(+)	+	(+)
Less-than-2-year.....	6,930	(390)	6,290	(374)	3,310	(597)	2,610	(72)	2,880	(78)	1,270	! (411)	5,940	(357)	5,330	(339)	4,680	(617)	+	(+)	+	(+)
2003–04, all institutions.....	\$9,670	(100)	\$6,950	(50)	\$5,640	(126)	\$5,630	(107)	\$3,240	(23)	\$4,890	(132)	\$6,970	(67)	\$6,040	(52)	\$6,080	(137)	\$1,930	(35)	\$1,780	(37)
Public.....	7,380	(93)	6,240	(89)	3,610	(45)	4,230	(45)	3,200	(31)	3,090	(45)	6,060	(72)	5,520	(64)	5,090	(114)	2,010	(45)	1,850	(51)
4-year doctoral.....	8,930	(106)	7,330	(96)	4,480	(72)	4,880	(65)	3,230	(60)	3,910	(66)	6,750	(99)	6,150	(81)	5,500	(160)	2,070	(64)	1,900	(65)
Other 4-year.....	7,820	(190)	6,400	(152)	3,530	(87)	4,220	(116)	3,170	(45)	2,880	(95)	5,870	(127)	5,280	(111)	5,250	(226)	1,930	(85)	1,810	(100)
2-year.....	4,690	(130)	4,410	(143)	2,140	(84)	3,330	(64)	3,180	(157)	1,810	(86)	4,170	(146)	3,850	(147)	3,700	(207)	2,000	(99)	1,820	(108)
Less-than-2-year.....	4,770	(388)	4,490	(366)	2,920	(250)	3,180	(205)	2,800	(297)	2,500	(243)	5,260	(621)	4,740	(402)	4,230	(802)	2,430	! (1,160)	+	(+)
Private, nonprofit.....	15,700	(359)	8,270	(114)	10,080	(266)	9,330	(328)	3,410	(47)	8,690	(275)	8,680	(157)	6,960	(113)	7,390	(269)	1,810	(53)	1,670	(51)
4-year doctoral.....	17,230	(529)	8,830	(244)	11,390	(430)	10,410	(510)	3,510	(55)	9,770	(487)	9,640	(290)	7,500	(192)	8,200	(335)	2,100	(77)	1,960	(74)
Other 4-year.....	15,040	(513)	8,030	(177)	9,400	(331)	8,800	(389)	3,350	(264)	8,130	(309)	8,170	(206)	6,660	(144)	6,870	(388)	1,630	(58)	1,480	(53)
Less-than-4-year.....	8,580	(641)	6,040	(334)	4,960	(543)	5,590	(536)	3,580	(40)	4,400	(635)	6,160	(572)	5,580	(456)	4,460	(763)	1,540	(456)	1,540	(449)
Private, for-profit.....	10,380	(335)	8,460	(228)	5,000	(286)	4,280	(165)	3,240	(69)	3,800	(319)	7,640	(267)	6,580	(190)	5,720	(524)	2,650	(274)	2,720	(326)
2-year and above.....	11,330	(435)	9,050	(297)	5,300	(349)	4,650	(221)	3,370	(67)	4,000	(366)	8,140	(351)	6,950	(253)	6,050	(657)	2,780	(308)	2,890	(361)
Less-than-2-year.....	7,650	(128)	6,740	(85)	3,780	(130)	3,240	(111)	2,880	(104)	2,770	(145)	6,050	(139)	5,340	(112)	4,540	(203)	1,730	(116)	1,550	(101)

See notes at end of table.



**Table 393. Average amount of financial aid awarded to full-time, full-year undergraduates, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2007–08—Continued**

[Standard errors appear in parentheses]

Control and level of institution	Any aid						Grants						Loans						Work study <sup>1</sup>			
	Total <sup>2</sup>		Federal <sup>3</sup>		Nonfederal		Total <sup>4</sup>		Federal		Nonfederal		Total <sup>5</sup>		Federal <sup>5</sup>		Nonfederal		Total	Federal		
1	2		3		4		5		6		7		8		9		10		11	12		
2007–08, <sup>6</sup> all institutions .....	\$12,860	(98)	\$8,100	(51)	\$8,040	(89)	\$7,190	(72)	\$3,690	(18)	\$6,390	(80)	\$9,470	(76)	\$7,050	(55)	\$7,760	(111)	\$2,260	(26)	\$2,150	(30)
Public.....	9,650	(62)	7,240	(51)	5,220	(50)	5,410	(40)	3,670	(18)	4,060	(42)	7,980	(60)	6,470	(58)	6,510	(108)	2,420	(36)	2,360	(44)
4-year doctoral.....	11,640	(96)	8,310	(82)	6,530	(83)	6,390	(71)	3,780	(33)	5,150	(67)	8,860	(90)	7,100	(83)	7,130	(155)	2,440	(42)	2,300	(46)
Other 4-year.....	9,950	(135)	7,370	(107)	5,150	(95)	5,390	(86)	3,710	(32)	4,000	(99)	7,670	(123)	6,230	(94)	6,270	(206)	2,270	(68)	2,110	(80)
2-year.....	5,750	(68)	5,160	(63)	2,510	(45)	3,750	(44)	3,530	(29)	1,860	(35)	5,450	(91)	4,600	(73)	4,670	(150)	2,560	(107)	2,760	(122)
Less-than-2-year.....	6,210	(528)	5,200	(441)	3,750	(477)	3,610	(212)	3,320	(153)	2,390	(351)	6,910	(500)	5,550	(388)	4,920	(284)	†	(†)	†	(†)
Private, nonprofit.....	21,030	(311)	9,790	(156)	14,340	(220)	12,120	(200)	4,090	(48)	11,300	(180)	12,150	(198)	8,240	(158)	9,820	(222)	2,080	(35)	1,920	(36)
4-year doctoral.....	22,500	(480)	10,230	(214)	15,620	(335)	12,950	(314)	4,260	(82)	12,150	(267)	13,270	(263)	8,750	(213)	11,050	(358)	2,220	(53)	2,070	(57)
Other 4-year.....	19,960	(421)	9,480	(211)	13,310	(324)	11,510	(247)	3,950	(54)	10,640	(252)	11,160	(302)	7,800	(214)	8,640	(260)	1,960	(40)	1,770	(43)
Less-than-4-year.....	9,890	(1,546)	6,890	(879)	5,390	(1,352)	5,730	(1,362)	4,360	(663)	3,130	(1,131)	10,570	(684)	7,530	(1,074)	8,350	(1,060)	2,160	(264)	2,200	(323)
Private, for-profit.....	12,570	(279)	8,930	(177)	6,810	(260)	4,050	(91)	3,250	(58)	3,520	(188)	10,170	(228)	7,020	(133)	7,270	(300)	3,540	(384)	3,700	(379)
2-year and above.....	13,120	(332)	9,170	(204)	7,150	(300)	4,130	(109)	3,210	(70)	3,750	(214)	10,550	(266)	7,120	(152)	7,580	(347)	3,680	(393)	3,840	(377)
Less-than-2-year.....	9,680	(245)	7,700	(241)	4,560	(223)	3,680	(89)	3,400	(78)	1,690	(225)	7,930	(207)	6,370	(166)	5,230	(188)	†	(†)	†	(†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Details on nonfederal work-study participants are not available.

<sup>2</sup>Includes students who reported that they were awarded aid, but did not specify the source or type of aid.

<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>4</sup>Indicates all grants, scholarships, or tuition waivers received from federal, state, institutional, or private sources, including employers.

<sup>5</sup>The 2003–04 and 2007–08 data include Parent Loans for Undergraduate Students (PLUS).

<sup>6</sup>Data have been revised from previously published figures.

NOTE: Aid averages are for those students who received the specified type of aid. Full-time, full-year students were enrolled full time for 9 or more months from July 1 through June 30. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1995–96, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:96, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 394. Percentage of part-time or part-year undergraduates receiving financial aid, by type and source of aid and control and level of institution: Selected years, 1992–93 through 2007–08**  
[Standard errors appear in parentheses]

Control and level of institution	Any aid			Grants			Loans			Work study <sup>1</sup>	
	Total <sup>2</sup>	Federal <sup>3</sup>	Nonfederal	Total	Federal	Nonfederal	Total <sup>4</sup>	Federal <sup>4</sup>	Nonfederal	Total	Federal
1	2	3	4	5	6	7	8	9	10	11	12
<b>1992–93, all institutions .....</b>	<b>37.6 (0.80)</b>	<b>25.0 (0.83)</b>	<b>16.5 (0.44)</b>	<b>32.4 (0.76)</b>	<b>18.8 (0.77)</b>	<b>14.5 (0.39)</b>	<b>13.5 (0.50)</b>	<b>13.1 (0.49)</b>	<b>0.8 (0.09)</b>	<b>2.1 (0.13)</b>	<b>1.2 (0.09)</b>
Public.....	31.7 (0.71)	19.8 (0.67)	14.5 (0.46)	27.6 (0.66)	15.3 (0.60)	12.6 (0.40)	9.3 (0.41)	8.9 (0.39)	0.6 (0.09)	1.7 (0.12)	0.9 (0.09)
4-year doctoral.....	40.5 (1.02)	27.5 (0.95)	19.5 (0.66)	31.3 (0.85)	17.1 (0.68)	16.6 (0.61)	20.9 (0.83)	20.4 (0.82)	1.1 (0.18)	3.6 (0.32)	2.1 (0.24)
Other 4-year.....	39.5 (1.24)	28.4 (1.25)	19.2 (1.00)	33.8 (1.17)	22.0 (1.17)	16.1 (0.88)	16.2 (0.99)	15.6 (0.93)	1.3 (0.32)	3.1 (0.42)	1.6 (0.26)
2-year.....	28.6 (0.91)	16.5 (0.83)	12.7 (0.61)	25.9 (0.87)	13.7 (0.76)	11.2 (0.52)	5.6 (0.44)	5.3 (0.43)	0.4 (0.11)	1.1 (0.11)	0.6 (0.10)
Less-than-2-year.....	21.2 (3.11)	15.1 (3.55)	6.9 (1.47)	19.4 (3.43)	13.8 (3.90)	6.0 (1.41)	0.7 ! (0.32)	0.7 ! (0.32)	# (†)	# (†)	# (†)
Private, nonprofit.....	56.4 (1.96)	35.1 (2.65)	33.7 (1.54)	50.2 (2.12)	23.2 (2.96)	31.7 (1.49)	23.7 (1.38)	23.2 (1.34)	1.8 (0.23)	5.9 (0.71)	3.8 (0.42)
4-year doctoral.....	51.4 (1.91)	28.3 (1.49)	33.0 (1.91)	44.4 (1.90)	12.8 (0.98)	31.7 (1.91)	24.2 (1.42)	23.3 (1.39)	2.7 (0.47)	5.4 (0.88)	3.1 (0.58)
Other 4-year.....	59.4 (2.83)	38.1 (4.18)	35.6 (2.25)	53.8 (3.14)	26.8 (4.73)	33.6 (2.19)	24.4 (2.08)	23.9 (2.02)	1.5 (0.32)	7.3 (1.14)	4.8 (0.65)
Less-than-4-year.....	53.9 (5.17)	35.8 (4.98)	28.4 (4.07)	47.3 (4.83)	28.3 (4.56)	24.4 (4.05)	20.7 (3.59)	20.3 (3.58)	1.2 ! (0.44)	# (†)	# (†)
Private, for-profit.....	71.0 (3.08)	64.4 (3.44)	11.8 (1.58)	55.3 (3.30)	48.8 (3.61)	8.6 (1.34)	42.3 (3.54)	41.9 (3.51)	1.5 ! (0.46)	0.9 ! (0.29)	0.4 (0.11)
2-year and above.....	64.4 (5.75)	54.9 (5.93)	14.3 (2.75)	46.2 (4.25)	35.0 (4.19)	12.1 (2.45)	45.7 (5.59)	45.5 (5.58)	# (†)	1.4 ! (0.58)	0.6 ! (0.24)
Less-than-2-year.....	75.5 (2.78)	70.8 (3.36)	10.2 (1.74)	61.5 (4.15)	58.1 (4.52)	6.3 (1.27)	40.0 (4.50)	39.4 (4.42)	1.8 ! (0.63)	# (†)	0.3 ! (0.08)
<b>1999–2000, all institutions .....</b>	<b>44.6 (0.81)</b>	<b>29.8 (0.64)</b>	<b>27.4 (0.75)</b>	<b>35.4 (0.70)</b>	<b>18.6 (0.52)</b>	<b>25.0 (0.73)</b>	<b>18.4 (0.56)</b>	<b>17.7 (0.55)</b>	<b>2.1 (0.12)</b>	<b>1.9 (0.11)</b>	<b>1.4 (0.10)</b>
Public.....	39.7 (0.85)	24.8 (0.57)	25.3 (0.86)	31.7 (0.78)	15.9 (0.48)	23.3 (0.83)	13.5 (0.41)	13.0 (0.39)	1.3 (0.11)	1.5 (0.11)	1.1 (0.10)
4-year doctoral.....	51.0 (0.93)	36.8 (0.93)	30.0 (0.83)	35.7 (0.79)	17.9 (0.70)	26.7 (0.70)	31.5 (0.96)	30.3 (0.87)	3.3 (0.42)	3.0 (0.28)	1.9 (0.25)
Other 4-year.....	51.2 (1.33)	37.0 (1.36)	29.9 (1.10)	39.1 (1.24)	21.5 (1.33)	27.9 (1.10)	27.4 (1.04)	26.6 (1.02)	2.4 (0.34)	3.1 (0.48)	2.5 (0.44)
2-year.....	34.9 (1.14)	19.8 (0.69)	23.5 (1.20)	29.5 (1.08)	14.4 (0.62)	21.9 (1.16)	6.9 (0.42)	6.5 (0.40)	0.6 (0.10)	0.8 (0.12)	0.7 (0.11)
Less-than-2-year.....	38.6 (3.11)	21.9 (3.93)	22.2 (1.77)	29.6 (3.16)	18.2 (3.53)	14.4 (2.46)	# (†)	# (†)	# (†)	1.6 (0.47)	0.9 ! (0.33)
Private, nonprofit.....	64.8 (1.02)	44.5 (1.56)	47.2 (1.32)	53.9 (1.15)	22.1 (1.33)	44.8 (1.44)	34.8 (1.48)	33.4 (1.39)	6.0 (0.50)	5.9 (0.52)	4.0 (0.41)
4-year doctoral.....	60.2 (1.59)	40.9 (1.74)	46.8 (1.64)	49.9 (1.54)	17.0 (1.15)	44.2 (1.48)	35.1 (1.76)	34.1 (1.74)	7.6 (1.01)	6.5 (0.93)	4.7 (0.80)
Other 4-year.....	66.2 (1.33)	44.6 (2.23)	48.5 (1.78)	54.9 (1.58)	22.2 (1.94)	46.3 (2.02)	34.4 (2.11)	32.8 (1.95)	5.7 (0.63)	5.8 (0.68)	3.7 (0.52)
Less-than-4-year.....	71.2 (4.24)	57.3 (5.11)	37.2 (6.39)	61.0 (4.36)	41.7 (4.22)	34.4 (6.66)	36.4 (5.14)	35.9 (5.04)	2.9 (0.62)	4.6 ! (1.49)	3.5 ! (1.12)
Private, for-profit.....	83.1 (1.78)	78.5 (1.53)	22.3 (1.82)	58.9 (2.03)	53.3 (2.19)	14.6 (1.69)	62.7 (3.06)	61.2 (3.07)	6.1 (0.86)	0.3 ! (0.16)	0.3 ! (0.15)
2-year and above.....	81.8 (2.03)	77.9 (2.24)	25.4 (2.77)	54.0 (2.92)	45.6 (2.94)	19.3 (2.16)	69.5 (3.09)	68.5 (3.12)	6.0 (1.28)	# (†)	# (†)
Less-than-2-year.....	84.7 (2.75)	79.1 (1.97)	18.7 (2.41)	64.5 (2.44)	62.2 (2.45)	9.1 (1.83)	54.8 (6.25)	52.9 (6.32)	6.3 (1.11)	# (†)	# (†)
<b>2003–04, all institutions .....</b>	<b>54.1 (0.79)</b>	<b>38.3 (0.76)</b>	<b>31.6 (0.59)</b>	<b>43.3 (0.72)</b>	<b>24.4 (0.59)</b>	<b>28.2 (0.57)</b>	<b>24.5 (0.23)</b>	<b>23.4 (0.23)</b>	<b>3.7 (0.17)</b>	<b>3.5 (0.17)</b>	<b>2.3 (0.12)</b>
Public.....	46.9 (1.01)	31.2 (1.06)	28.3 (0.61)	37.7 (0.86)	20.3 (0.80)	25.8 (0.58)	15.9 (0.32)	15.0 (0.31)	2.0 (0.10)	3.0 (0.18)	1.9 (0.11)
4-year doctoral.....	60.1 (0.92)	44.5 (0.89)	35.5 (0.86)	42.8 (0.93)	21.7 (0.74)	31.2 (0.96)	39.1 (0.95)	37.2 (0.90)	4.8 (0.33)	4.4 (0.38)	2.9 (0.27)
Other 4-year.....	57.8 (2.31)	44.0 (2.18)	31.2 (2.15)	41.5 (2.63)	24.2 (1.87)	28.1 (1.96)	33.5 (1.49)	32.4 (1.42)	3.4 (0.53)	3.4 (0.54)	2.2 (0.41)
2-year.....	42.2 (1.17)	26.2 (1.21)	26.1 (0.73)	35.9 (0.95)	19.5 (0.90)	24.2 (0.70)	7.9 (0.35)	7.2 (0.32)	1.1 (0.10)	2.6 (0.21)	1.6 (0.13)
Less-than-2-year.....	41.6 (3.49)	20.5 (3.03)	28.5 (3.70)	32.6 (3.01)	16.3 (2.66)	19.8 (3.08)	6.2 (1.65)	4.7 ! (1.42)	1.7 ! (0.72)	3.5 ! (1.13)	1.1 ! (0.49)
Private, nonprofit.....	76.8 (1.04)	53.2 (1.27)	55.8 (2.12)	63.9 (1.69)	26.5 (0.98)	52.5 (2.13)	44.2 (1.05)	41.9 (2.08)	8.6 (0.72)	8.9 (0.72)	6.4 (0.60)
4-year doctoral.....	73.5 (1.36)	46.4 (1.91)	61.0 (1.89)	63.7 (1.59)	20.0 (1.76)	57.6 (1.86)	42.2 (1.99)	39.2 (2.01)	11.0 (1.05)	13.3 (1.42)	8.8 (1.20)
Other 4-year.....	78.1 (1.32)	55.5 (2.15)	54.1 (2.78)	63.8 (2.25)	27.7 (1.65)	51.3 (2.93)	45.7 (1.78)	44.0 (1.80)	7.6 (0.86)	7.4 (0.82)	5.6 (0.69)
Less-than-4-year.....	78.5 (4.82)	63.1 (3.84)	47.3 (5.70)	67.2 (3.34)	48.6 (3.77)	40.1 (4.26)	35.5 (4.92)	30.7 (2.84)	8.2 ! (3.82)	3.7 (0.99)	2.8 (0.79)
Private, for-profit.....	89.7 (0.52)	83.1 (0.70)	32.1 (1.50)	67.5 (1.04)	56.8 (1.23)	20.5 (1.24)	75.8 (0.92)	74.2 (0.92)	12.3 (1.24)	1.8 (0.30)	1.1 (0.28)
2-year and above.....	91.1 (0.79)	83.9 (1.24)	35.7 (2.50)	69.1 (1.68)	56.4 (2.23)	24.2 (2.13)	78.4 (1.67)	77.0 (1.65)	13.2 (1.92)	1.5 ! (0.48)	1.1 ! (0.46)
Less-than-2-year.....	87.4 (0.69)	81.6 (1.07)	25.7 (0.87)	64.7 (0.55)	57.5 (0.88)	13.8 (1.02)	71.0 (1.59)	69.2 (1.66)	10.8 (0.51)	2.3 (0.13)	1.2 (0.12)
<b>2007–08,<sup>5</sup> all institutions .....</b>	<b>56.9 (0.45)</b>	<b>39.3 (0.30)</b>	<b>37.8 (0.46)</b>	<b>43.4 (0.46)</b>	<b>24.5 (0.29)</b>	<b>28.4 (0.45)</b>	<b>30.1 (0.22)</b>	<b>26.1 (0.19)</b>	<b>11.6 (0.28)</b>	<b>3.4 (0.16)</b>	<b>2.6 (0.11)</b>
Public.....	49.3 (0.54)	30.3 (0.36)	33.3 (0.46)	38.0 (0.53)	19.2 (0.31)	27.7 (0.46)	19.6 (0.21)	15.9 (0.17)	6.6 (0.17)	2.9 (0.17)	2.2 (0.10)
4-year doctoral.....	64.2 (0.73)	44.0 (0.74)	44.9 (0.72)	43.1 (0.61)	19.7 (0.57)	34.3 (0.62)	42.5 (0.81)	36.8 (0.76)	14.0 (0.56)	4.5 (0.30)	3.3 (0.26)
Other 4-year.....	60.1 (1.02)	43.2 (0.97)	35.9 (1.08)	42.5 (0.79)	25.5 (0.80)	26.9 (0.85)	34.7 (0.96)	29.5 (0.82)	10.6 (0.64)	3.3 (0.30)	2.5 (0.28)
2-year.....	44.2 (0.68)	25.2 (0.42)	30.4 (0.58)	36.2 (0.69)	18.0 (0.38)	26.4 (0.60)	12.1 (0.20)	9.1 (0.13)	4.3 (0.18)	2.5 (0.22)	2.0 (0.13)
Less-than-2-year.....	46.7 (2.17)	31.4 (1.91)	26.5 (4.22)	38.5 (1.87)	27.6 (1.43)	15.8 (2.14)	14.6 (1.79)	11.3 (1.91)	5.7 (1.24)	# (†)	# (†)
Private, nonprofit.....	77.3 (0.90)	55.4 (0.87)	59.7 (1.04)	60.5 (1.00)	25.3 (0.76)	49.5 (1.10)	50.9 (0.77)	46.2 (0.79)	19.9 (0.74)	9.3 (0.72)	7.0 (0.63)
4-year doctoral.....	75.5 (1.37)	49.7 (1.87)	62.1 (1.69)	59.0 (1.68)	20.1 (1.38)	51.6 (1.86)	49.7 (1.58)	43.5 (1.90)	21.4 (1.23)	11.0 (1.42)	8.2 (1.19)
Other 4-year.....	78.8 (1.29)	58.2 (1.43)	59.8 (1.33)	62.0 (1.39)	26.9 (1.29)	50.4 (1.39)	52.3 (1.34)	48.6 (1.37)	19.0 (1.12)	8.8 (0.80)	6.7 (0.73)
Less-than-4-year.....	75.3 (4.14)	67.4 (3.94)	42.3 (5.29)	55.8 (3.11)	45.9 (3.45)	25.6 (3.85)	45.5 (1.97)	42.0 (2.21)	18.2 (2.47)	1.9 ! (0.59)	1.6 (0.42)
Private, for-profit.....	93.2 (0.56)	87.7 (0.73)	51.2 (1.72)	66.7 (1.02)	59.7 (1.18)	17.6 (1.73)	85.6 (0.71)	79.8 (0.66)	39.4 (1.65)	2.0 (0.34)	1.7 (0.34)
2-year and above.....	94.5 (0.70)	89.6 (0.90)	53.0 (2.16)	67.0 (1.28)	58.9 (1.48)	18.7 (2.16)	88.0 (0.79)	83.6 (0.76)	40.9 (2.04)	2.5 (0.43)	2.1 (0.43)
Less-than-2-year.....	88.6 (0.81)	80.7 (1.24)	44.8 (1.91)	65.8 (1.15)	62.4 (1.05)	13.8 (2.11)	76.8 (1.43)	66.5 (1.23)	34.1 (1.58)	0.1 ! (0.07)	# (†)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Details on nonfederal work-study participants are not available.

<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.

<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>4</sup>The 2003–04 and 2007–08 data include Parent Loans for Undergraduate Students (PLUS).

<sup>5</sup>Data have been revised from previously published figures.

NOTE: Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 395. Percentage of full-time and part-time undergraduates receiving federal aid, by aid program and control and level of institution: 2003–04 and 2007–08**

[Standard errors appear in parentheses]

Control and level of institution	Number of undergraduates <sup>1</sup> (in thousands)	Percent receiving federal aid										
		Any federal aid	Selected Title IV programs <sup>2</sup>								PLUS <sup>7</sup>	
			Any Title IV aid	Pell	SEOG <sup>3</sup>	CWS <sup>4</sup>	Perkins <sup>5</sup>	Stafford <sup>6</sup>				
1	2	3	4	5	6	7	8	9	10			
Full-time, full-year students	2003–04											
	7,679 (79.8)	60.7 (0.42)	59.6 (0.43)	32.2 (0.30)	10.2 (0.31)	10.7 (0.36)	7.3 (0.27)	45.3 (0.43)	6.7 (0.22)			
	Public.....	5,569 (72.0)	55.0 (0.41)	53.7 (0.42)	30.6 (0.38)	8.1 (0.36)	7.6 (0.27)	5.6 (0.26)	37.8 (0.41)	5.1 (0.22)		
	4-year doctoral.....	2,375 (30.0)	58.3 (0.68)	57.1 (0.71)	26.8 (0.77)	8.3 (0.48)	8.2 (0.36)	9.0 (0.39)	48.4 (0.76)	8.2 (0.37)		
	Other 4-year.....	1,201 (41.0)	64.7 (1.25)	63.9 (1.26)	34.3 (1.59)	8.4 (0.67)	10.3 (0.71)	6.8 (0.81)	50.7 (1.32)	6.0 (0.69)		
	2-year.....	1,967 (52.1)	45.1 (0.76)	43.6 (0.77)	32.7 (0.77)	7.7 (0.56)	5.2 (0.46)	0.9 (0.13)	17.5 (0.81)	1.0 (0.15)		
	Less-than-2-year.....	26 (2.2)	45.1 (2.95)	44.0 (3.01)	36.2 (2.14)	2.2 † (0.74)	1.2 † (0.59)	‡ (†)	16.6 (4.65)	‡ (†)		
	Private, nonprofit.....	1,623 (38.6)	72.4 (0.72)	71.8 (0.72)	30.5 (0.65)	14.6 (0.83)	23.5 (1.34)	14.3 (0.84)	60.9 (0.99)	11.5 (0.47)		
	4-year doctoral.....	653 (27.8)	65.7 (1.53)	64.9 (1.56)	22.8 (2.28)	11.5 (1.66)	22.9 (1.44)	18.3 (0.93)	54.9 (1.78)	12.0 (0.69)		
	Other 4-year.....	925 (33.9)	77.1 (1.17)	76.7 (1.18)	35.0 (1.70)	16.9 (1.05)	24.7 (1.95)	12.2 (1.34)	66.2 (1.88)	11.3 (0.76)		
	Less-than-4-year.....	45 (4.1)	71.4 (3.93)	69.8 (3.79)	47.7 (3.71)	12.4 (2.74)	8.5 † (2.74)	‡ (†)	40.5 (4.25)	8.0 (2.12)		
	Private, for-profit.....	487 (17.9)	87.2 (1.26)	86.4 (1.35)	57.2 (1.34)	20.1 (2.05)	3.1 (0.58)	2.5 † (1.08)	79.2 (1.84)	8.8 (1.04)		
	2-year and above.....	355 (19.3)	89.3 (1.30)	88.2 (1.44)	57.7 (1.64)	19.1 (2.65)	3.8 (0.76)	3.1 † (1.48)	83.3 (1.64)	9.0 (1.36)		
	Less-than-2-year.....	132 (3.8)	81.8 (1.72)	81.6 (1.72)	55.7 (1.26)	22.8 (1.67)	1.5 (0.33)	0.9 † (0.45)	68.2 (3.73)	8.2 (0.74)		
	Part-time or part-year students											
	All institutions.....	11,375 (79.8)	38.3 (0.76)	36.1 (0.71)	23.8 (0.59)	4.7 (0.22)	2.3 (0.12)	1.3 (0.08)	23.0 (0.23)	1.4 (0.09)		
	Public.....	9,095 (74.6)	31.2 (1.06)	28.9 (0.98)	19.9 (0.80)	3.0 (0.20)	1.9 (0.11)	1.0 (0.08)	14.7 (0.31)	0.7 (0.06)		
	Private, nonprofit.....	1,232 (36.9)	53.2 (1.27)	50.2 (1.28)	25.8 (0.91)	6.8 (0.52)	6.4 (0.60)	3.7 (0.39)	41.2 (1.10)	3.6 (0.45)		
	Private, for-profit.....	1,048 (20.4)	83.1 (0.70)	82.1 (0.71)	54.9 (1.11)	16.5 (1.49)	1.1 (0.28)	0.9 † (0.41)	74.0 (0.95)	4.8 (0.44)		
	Full-time, full-year students	2007–08 <sup>8</sup>										
7,650 (—)		64.3 (0.32)	63.3 (0.32)	33.6 (0.28)	9.1 (0.20)	10.6 (0.22)	5.9 (0.17)	49.8 (0.31)	7.4 (0.20)			
Public.....		5,189 (—)	58.8 (0.35)	57.7 (0.36)	32.2 (0.29)	6.8 (0.18)	7.1 (0.22)	4.1 (0.15)	41.8 (0.33)	6.1 (0.21)		
4-year doctoral.....		2,531 (—)	59.6 (0.48)	58.7 (0.48)	27.4 (0.37)	6.5 (0.23)	7.6 (0.32)	6.1 (0.27)	49.6 (0.49)	9.2 (0.38)		
Other 4-year.....		1,051 (—)	67.9 (0.67)	66.9 (0.70)	35.8 (0.65)	7.9 (0.37)	8.7 (0.45)	4.9 (0.41)	53.0 (0.71)	6.3 (0.39)		
2-year.....		1,584 (—)	51.4 (0.73)	49.9 (0.75)	37.2 (0.65)	6.6 (0.36)	5.5 (0.29)	0.4 (0.08)	22.1 (0.58)	1.1 (0.12)		
Less-than-2-year.....		22 (—)	58.6 (3.84)	57.1 (4.15)	49.7 (4.14)	‡ (†)	# (†)	# (†)	23.6 (4.33)	‡ (†)		
Private, nonprofit.....		1,737 (—)	72.2 (0.64)	71.5 (0.64)	29.1 (0.43)	13.5 (0.47)	24.5 (0.83)	13.4 (0.61)	62.0 (0.61)	11.8 (0.57)		
4-year doctoral.....		861 (—)	67.8 (1.20)	66.8 (1.23)	23.7 (1.06)	12.0 (0.55)	24.2 (1.06)	16.0 (1.03)	58.1 (1.26)	12.0 (0.67)		
Other 4-year.....		854 (—)	76.2 (1.09)	75.7 (1.09)	33.8 (1.20)	14.9 (0.77)	25.3 (1.37)	11.0 (0.75)	66.4 (1.21)	11.6 (0.89)		
Less-than-4-year.....		22 (—)	88.8 (2.95)	87.8 (3.42)	61.7 (7.02)	23.3 (5.78)	4.2 (1.13)	‡ (†)	40.7 (6.36)	‡ (†)		
Private, for-profit.....		724 (—)	85.1 (1.21)	84.4 (1.32)	54.6 (1.39)	14.3 (1.23)	1.6 (0.28)	0.9 (0.18)	78.1 (1.23)	5.6 (0.61)		
2-year and above.....		610 (—)	84.4 (1.41)	83.6 (1.55)	51.3 (1.61)	12.7 (1.43)	1.8 (0.33)	1.0 (0.21)	80.1 (1.35)	4.9 (0.67)		
Less-than-2-year.....		115 (—)	88.9 (1.71)	88.7 (1.79)	72.2 (1.90)	22.6 (2.06)	0.6 † (0.28)	‡ (†)	67.0 (2.92)	9.5 (1.06)		
Part-time or part-year students												
All institutions.....		13,112 (—)	39.3 (0.30)	37.7 (0.29)	24.4 (0.28)	4.4 (0.23)	2.6 (0.11)	0.9 (0.05)	25.9 (0.19)	1.6 (0.10)		
Public.....		10,402 (—)	30.3 (0.36)	28.6 (0.34)	19.1 (0.30)	2.1 (0.11)	2.2 (0.10)	0.6 (0.04)	15.7 (0.16)	0.9 (0.06)		
4-year doctoral.....		1,685 (—)	44.0 (0.74)	42.2 (0.77)	19.6 (0.57)	3.2 (0.24)	3.3 (0.26)	2.5 (0.20)	36.1 (0.76)	3.6 (0.34)		
Other 4-year.....		1,164 (—)	43.2 (0.97)	40.7 (0.95)	25.3 (0.80)	2.6 (0.27)	2.5 (0.28)	1.4 (0.20)	29.3 (0.81)	1.5 (0.22)		
2-year.....		7,477 (—)	25.2 (0.42)	23.7 (0.41)	17.9 (0.38)	1.8 (0.14)	2.0 (0.13)	0.1 (0.02)	9.0 (0.13)	0.2 (0.03)		
Less-than-2-year.....	76 (—)	31.4 (1.91)	30.9 (1.85)	27.6 (1.43)	‡ (†)	# (†)	# (†)	11.3 (1.91)	‡ (†)			
Private, nonprofit.....	1,168 (—)	55.4 (0.87)	53.2 (0.87)	25.0 (0.75)	6.5 (0.48)	7.0 (0.63)	3.4 (0.47)	45.6 (0.78)	3.5 (0.41)			
4-year doctoral.....	465 (—)	49.7 (1.87)	48.4 (1.82)	20.0 (1.40)	5.4 (0.70)	8.2 (1.19)	4.0 (0.89)	42.7 (1.91)	2.4 (0.24)			
Other 4-year.....	637 (—)	58.2 (1.43)	55.3 (1.47)	26.7 (1.25)	6.9 (0.72)	6.7 (0.73)	3.2 (0.56)	48.1 (1.36)	4.3 (0.70)			
Less-than-4-year.....	66 (—)	67.4 (3.94)	66.1 (4.04)	44.1 (3.48)	11.8 (2.89)	1.6 (0.42)	‡ (†)	42.0 (2.23)	2.9 † (1.24)			
Private, for-profit.....	1,542 (—)	87.7 (0.73)	87.2 (0.73)	59.5 (1.17)	18.4 (1.63)	1.7 (0.34)	0.9 (0.13)	79.6 (0.65)	5.1 (0.58)			
2-year and above.....	1,205 (—)	89.6 (0.90)	89.1 (0.89)	58.7 (1.47)	18.2 (2.02)	2.1 (0.43)	1.0 (0.16)	83.4 (0.74)	4.9 (0.72)			
Less-than-2-year.....	337 (—)	80.7 (1.24)	80.6 (1.24)	62.3 (1.06)	19.1 (1.35)	‡ (†)	0.4 (0.05)	66.0 (1.21)	5.9 (0.62)			

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey of students who enrolled at any point during the year.

<sup>2</sup>Title IV of the Higher Education Act.

<sup>3</sup>Supplemental Educational Opportunity Grants.

<sup>4</sup>College Work Study. Prior to October 17, 1986, private, for-profit institutions were prohibited by law from spending CWS funds for on-campus work. Includes persons who participated in the program, but had no earnings.

<sup>5</sup>Formerly National Direct Student Loans (NDSL).

<sup>6</sup>Formerly Guaranteed Student Loans (GSL).

<sup>7</sup>Parent Loans for Undergraduate Students.

<sup>8</sup>Data have been revised from previously published figures.

NOTE: Excludes students whose attendance status was not reported. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2003–04 and 2007–08 National National Postsecondary Student Aid Study (NPSAS:04 and NPSAS:08). (This table was prepared July 2013.)

**Table 396. Amount borrowed, aid status, and sources of aid for full-time, full-year postbaccalaureate students, by level of study and control and level of institution: Selected years, 1992–93 through 2007–08**  
[Standard errors appear in parentheses]

Level of study, control and level of institution	Cumulative borrowing for undergraduate and graduate education <sup>1</sup>				Aid status (percent of students)								
					Nonaided	Source of aid					Institutional	Employer	
	Percent who borrowed	Average amount for those who borrowed (in current dollars)	Any aid <sup>2</sup>	Federal <sup>3</sup>		State							
1	2	3	4	5	6	7	8	9					
1992–93, all institutions .....	— (†)	— (†)	31.9 (1.03)	68.1 (1.03)	44.4 (1.47)	7.0 (0.66)	40.6 (1.73)	5.3 (0.52)					
Master's degree .....	— (†)	— (†)	37.5 (2.13)	62.5 (2.13)	33.8 (2.01)	5.8 (0.79)	42.4 (2.70)	8.3 (0.87)					
Public .....	— (†)	— (†)	34.6 (1.98)	65.4 (1.98)	33.9 (1.93)	7.8 (1.07)	44.0 (2.31)	7.6 (1.02)					
4-year doctoral .....	— (†)	— (†)	34.3 (2.14)	65.7 (2.14)	32.4 (2.02)	6.7 (1.18)	46.3 (2.52)	7.7 (1.09)					
Other 4-year .....	— (†)	— (†)	36.1 (4.12)	63.9 (4.12)	42.5 (4.41)	14.4 (2.90)	30.4 (4.28)	6.8 † (2.59)					
Private .....	— (†)	— (†)	41.6 (4.05)	58.4 (4.05)	33.7 (3.69)	3.2 † (1.04)	40.2 (5.27)	9.4 (1.56)					
4-year doctoral .....	— (†)	— (†)	39.3 (4.44)	60.7 (4.44)	34.2 (4.37)	2.9 † (1.20)	42.9 (5.75)	8.9 (1.84)					
Other 4-year .....	— (†)	— (†)	56.5 (3.79)	43.5 (3.79)	30.5 (3.17)	‡ (†)	22.8 (2.27)	12.1 (2.27)					
Doctor's degree .....	— (†)	— (†)	30.4 (2.28)	69.6 (2.28)	28.3 (2.45)	4.4 (0.71)	51.6 (2.32)	3.0 (0.85)					
Public .....	— (†)	— (†)	30.3 (2.77)	69.7 (2.77)	22.3 (2.44)	6.5 (1.02)	55.5 (2.70)	3.9 † (1.23)					
Private .....	— (†)	— (†)	30.4 (4.11)	69.6 (4.11)	37.8 (4.48)	‡ (†)	45.5 (4.00)	‡ (†)					
First-professional .....	— (†)	— (†)	23.0 (1.17)	77.0 (1.17)	68.2 (1.82)	10.0 (1.54)	37.0 (1.89)	2.3 (0.47)					
Public .....	— (†)	— (†)	20.7 (1.30)	79.3 (1.30)	72.5 (1.78)	13.4 (2.13)	37.7 (2.04)	2.3 † (0.70)					
Private .....	— (†)	— (†)	25.1 (1.71)	74.9 (1.71)	64.3 (2.29)	6.8 (1.32)	36.4 (3.10)	2.3 (0.62)					
Other graduate .....	— (†)	— (†)	39.3 (5.42)	60.7 (5.42)	42.4 (4.39)	6.7 (1.44)	22.9 (3.01)	6.0 † (1.91)					
1999–2000, all institutions .....	— (†)	— (†)	17.8 (0.73)	82.2 (0.73)	54.0 (1.05)	6.2 (0.53)	48.7 (1.17)	5.8 (0.45)					
Master's degree .....	— (†)	— (†)	20.6 (1.09)	79.4 (1.09)	50.4 (1.33)	5.4 (0.72)	46.2 (1.38)	8.4 (0.88)					
Public .....	— (†)	— (†)	21.5 (1.49)	78.5 (1.49)	45.8 (1.62)	7.7 (1.17)	49.6 (1.74)	6.8 (0.88)					
4-year doctoral .....	— (†)	— (†)	19.8 (1.60)	80.2 (1.60)	43.9 (1.74)	7.2 (1.34)	54.3 (1.93)	7.1 (1.03)					
Other 4-year .....	— (†)	— (†)	29.8 (3.69)	70.2 (3.69)	54.9 (4.45)	10.4 (2.31)	26.8 (3.17)	5.3 (1.30)					
Private .....	— (†)	— (†)	19.4 (1.59)	80.6 (1.59)	56.3 (2.16)	2.5 (0.60)	41.9 (2.22)	10.4 (1.66)					
4-year doctoral .....	— (†)	— (†)	17.5 (1.82)	82.5 (1.82)	57.7 (2.32)	3.0 (0.79)	49.4 (2.56)	8.3 (1.06)					
Other 4-year .....	— (†)	— (†)	24.8 (3.30)	75.2 (3.31)	52.4 (5.10)	1.1 † (0.36)	20.9 (4.74)	16.3 † (5.55)					
Doctor's degree .....	— (†)	— (†)	11.5 (1.39)	88.6 (1.39)	30.2 (2.85)	2.6 (0.63)	77.5 (1.73)	5.4 (0.65)					
Public .....	— (†)	— (†)	10.7 (1.23)	89.4 (1.23)	26.5 (1.60)	3.2 (0.88)	80.6 (1.71)	7.4 (0.97)					
Private .....	— (†)	— (†)	12.7 (2.94)	87.3 (2.94)	35.9 (6.36)	1.6 † (0.79)	72.9 (3.44)	2.3 (0.54)					
First-professional .....	— (†)	— (†)	11.5 (1.06)	88.5 (1.06)	80.1 (1.48)	9.8 (1.43)	40.2 (2.65)	1.6 (0.44)					
Public .....	— (†)	— (†)	11.4 (1.57)	88.6 (1.57)	81.7 (1.81)	13.1 (2.18)	39.5 (2.87)	1.6 † (0.64)					
Private .....	— (†)	— (†)	11.6 (1.45)	88.4 (1.45)	78.8 (2.29)	7.1 (1.84)	40.8 (4.22)	1.5 † (0.60)					
Other graduate .....	— (†)	— (†)	37.3 (3.60)	62.7 (3.60)	44.4 (3.70)	6.3 (1.44)	23.3 (3.35)	7.3 (1.82)					
2003–04, all institutions .....	74.8 (1.12)	\$50,740 (1,361)	14.1 (1.06)	85.9 (1.06)	59.6 (1.29)	4.0 (0.74)	41.1 (1.14)	8.6 (0.85)					
Master's degree .....	71.5 (2.05)	36,770 (1,294)	19.5 (1.95)	80.5 (1.95)	54.6 (2.25)	2.8 (0.63)	35.5 (2.00)	10.5 (1.36)					
Public .....	63.3 (2.45)	32,370 (1,202)	21.7 (2.11)	78.3 (2.11)	44.9 (2.46)	2.8 (0.66)	45.0 (2.56)	7.0 (1.06)					
4-year doctoral .....	63.0 (2.62)	33,340 (1,332)	18.7 (1.75)	81.3 (1.75)	46.3 (2.40)	3.1 (0.75)	47.5 (2.57)	7.7 (1.17)					
Other 4-year .....	65.3 (10.80)	25,150 (3,958)	44.6 (10.59)	55.4 (10.59)	34.2 (10.25)	‡ (†)	26.2 † (9.64)	‡ (†)					
Private .....	79.6 (3.32)	40,250 (2,071)	17.4 (3.45)	82.6 (3.45)	64.1 (3.42)	2.8 † (1.08)	26.1 (2.97)	14.0 (2.47)					
4-year doctoral .....	79.1 (2.58)	44,090 (2,641)	14.2 (2.53)	85.8 (2.53)	61.5 (3.60)	‡ (†)	37.1 (2.89)	10.3 (2.13)					
Other 4-year .....	80.2 (7.39)	34,450 (3,261)	22.3 † (6.94)	77.7 (6.94)	68.1 (6.49)	‡ (†)	9.1 † (4.28)	19.7 (5.43)					
Doctor's degree .....	58.7 (1.38)	48,810 (2,468)	7.7 (0.86)	92.3 (0.86)	36.0 (1.67)	2.9 (0.80)	72.8 (1.87)	7.9 (0.79)					
Public .....	55.0 (1.57)	40,150 (1,519)	6.6 (0.85)	93.4 (0.85)	33.5 (1.72)	2.7 (0.61)	79.2 (1.59)	8.5 (0.94)					
Private .....	63.9 (2.42)	59,420 (4,821)	9.3 (1.63)	90.7 (1.63)	39.6 (3.33)	‡ (†)	63.8 (3.54)	7.1 (1.26)					
First-professional .....	87.3 (1.23)	70,710 (2,425)	9.7 (1.23)	90.3 (1.23)	79.5 (1.85)	6.4 (1.79)	33.0 (1.55)	5.0 (0.76)					
Public .....	88.2 (1.77)	61,830 (2,127)	9.4 (1.45)	90.6 (1.45)	79.4 (2.30)	5.1 (0.84)	36.6 (2.15)	5.0 (0.93)					
Private .....	86.5 (1.65)	78,500 (3,687)	9.9 (1.71)	90.1 (1.71)	79.7 (2.37)	7.5 † (3.19)	29.9 (2.34)	5.0 (1.05)					
Other graduate .....	88.0 (3.13)	38,880 (3,212)	19.1 (4.80)	80.9 (4.80)	73.0 (5.69)	3.8 † (1.39)	17.1 (4.29)	14.1 † (5.74)					
2007–08, <sup>4</sup> all institutions .....	71.3 (1.04)	\$54,980 (992)	13.1 (0.80)	86.9 (0.80)	56.5 (1.18)	3.9 (0.29)	43.9 (1.17)	11.6 (0.92)					
Master's degree .....	71.8 (1.76)	43,140 (1,370)	15.6 (1.33)	84.4 (1.33)	55.4 (1.93)	3.0 (0.43)	35.6 (1.47)	16.3 (1.75)					
Public .....	66.5 (1.77)	37,640 (1,466)	13.3 (1.27)	86.7 (1.27)	50.5 (1.89)	4.2 (0.85)	52.4 (2.38)	13.5 (1.50)					
4-year doctoral .....	65.1 (1.92)	38,290 (1,636)	12.0 (1.33)	88.0 (1.33)	49.8 (2.05)	4.3 (0.95)	56.2 (2.60)	14.6 (1.68)					
Other 4-year .....	77.1 (4.81)	33,440 (2,285)	22.7 (3.92)	77.3 (3.92)	55.6 (5.96)	‡ (†)	23.5 (4.89)	5.1 † (1.92)					
Private .....	75.5 (2.57)	46,490 (1,969)	17.2 (1.96)	82.8 (1.96)	58.9 (2.81)	2.2 (0.40)	23.9 (1.58)	18.3 (2.78)					
4-year doctoral .....	71.5 (1.85)	46,370 (1,644)	19.1 (1.46)	80.9 (1.46)	55.3 (1.51)	2.6 (0.59)	35.9 (2.46)	14.4 (1.17)					
Other <sup>5</sup> .....	80.7 (5.13)	46,630 (3,671)	14.9 (3.91)	85.1 (3.91)	63.5 (5.95)	1.6 (0.43)	8.4 (1.44)	23.3 (6.22)					
Doctor's degree .....	59.8 (1.73)	55,170 (2,106)	7.1 (0.87)	92.9 (0.87)	38.4 (2.18)	2.9 (0.41)	70.7 (3.02)	7.9 (0.80)					
Public .....	52.1 (2.16)	44,190 (1,604)	7.9 (1.48)	92.1 (1.48)	29.6 (1.80)	3.6 (0.65)	81.2 (1.88)	7.9 (0.94)					
Private .....	67.8 (2.41)	64,060 (3,121)	6.2 (1.08)	93.8 (1.08)	47.7 (3.42)	2.2 † (0.65)	59.7 (5.01)	8.0 (1.35)					
First-professional .....	85.0 (1.28)	81,140 (1,776)	11.6 (1.15)	88.4 (1.15)	81.6 (1.37)	7.7 (0.85)	35.5 (1.89)	4.6 (0.75)					
Public .....	84.5 (1.94)	72,750 (2,697)	11.7 (1.69)	88.3 (1.69)	81.6 (2.14)	10.9 (1.51)	33.7 (2.65)	4.9 (1.43)					
Private .....	85.4 (1.57)	87,760 (2,185)	11.5 (1.46)	88.5 (1.46)	81.5 (1.67)	5.2 (0.86)	37.0 (2.55)	4.4 (0.71)					
Other graduate .....	62.5 (6.48)	43,700 (3,904)	30.8 (6.54)	69.2 (6.54)	51.0 (6.62)	‡ (†)	25.4 (5.77)	6.2 † (2.33)					

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes all loans ever taken out for both graduate and undergraduate education. Does not include Parent Loans for Undergraduate Students (PLUS) or loans from families and friends.

<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.

<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.

<sup>4</sup>Data have been revised from previously published figures.

<sup>5</sup>Includes nonprofit 4-year nondoctoral institutions and for-profit 2-year-and-above institutions.

NOTE: Total includes some students whose level of study was unknown. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 397. Amount borrowed, aid status, and sources of aid for part-time or part-year postbaccalaureate students, by level of study and control and level of institution: Selected years, 1992–93 through 2007–08**

(Standard errors appear in parentheses)

Level of study, control and level of institution	Cumulative borrowing for undergraduate and graduate education <sup>1</sup>				Aid status (percent of students)											
					Source of aid											
	Percent who borrowed		Average amount for those who borrowed (in current dollars)		Nonaided	Any aid <sup>2</sup>		Federal <sup>3</sup>		State	Institutional	Employer				
1	2	3	4	5	6	7	8	9								
1992–93, all institutions .....	—	(†)	—	(†)	71.3	(0.84)	28.7	(0.84)	10.8	(0.48)	1.9	(0.19)	12.7	(0.65)	16.7	(0.69)
Master's degree .....	—	(†)	—	(†)	71.7	(0.93)	28.3	(0.93)	10.5	(0.56)	1.6	(0.21)	11.1	(0.67)	18.7	(0.85)
Public.....	—	(†)	—	(†)	73.9	(0.99)	26.1	(0.99)	10.1	(0.64)	2.5	(0.36)	11.7	(0.79)	14.6	(0.90)
4-year doctoral .....	—	(†)	—	(†)	69.6	(1.28)	30.4	(1.28)	11.9	(0.80)	2.5	(0.43)	15.3	(1.03)	14.6	(1.06)
Other 4-year .....	—	(†)	—	(†)	81.2	(1.59)	18.8	(1.59)	6.9	(0.99)	2.4	(0.56)	5.5	(1.01)	14.4	(1.30)
Private.....	—	(†)	—	(†)	68.6	(1.73)	31.4	(1.73)	11.1	(0.95)	0.4	(0.14)	10.3	(1.02)	24.4	(1.25)
4-year doctoral .....	—	(†)	—	(†)	66.9	(1.96)	33.1	(1.96)	12.1	(1.30)	0.4	(0.16)	12.1	(1.43)	25.1	(1.65)
Other 4-year .....	—	(†)	—	(†)	71.7	(2.92)	28.3	(2.92)	9.3	(1.25)	0.6	(0.27)	6.9	(1.13)	23.1	(2.32)
Doctor's degree .....	—	(†)	—	(†)	56.2	(2.41)	43.8	(2.41)	8.6	(1.07)	3.5	(0.83)	33.1	(2.18)	12.0	(1.53)
Public.....	—	(†)	—	(†)	56.1	(2.58)	43.9	(2.58)	8.5	(1.19)	4.4	(1.23)	33.3	(2.48)	12.9	(1.63)
Private.....	—	(†)	—	(†)	56.4	(4.85)	43.6	(4.85)	8.9	(2.03)	1.6	(0.69)	32.6	(4.21)	10.2	(3.19)
First-professional .....	—	(†)	—	(†)	42.6	(3.20)	57.4	(3.20)	44.9	(3.10)	3.3	(0.70)	25.7	(2.26)	6.1	(1.16)
Public.....	—	(†)	—	(†)	50.8	(5.23)	49.2	(5.23)	42.9	(4.44)	3.6	(1.19)	22.2	(3.54)	5.1	(1.87)
Private.....	—	(†)	—	(†)	37.8	(3.98)	62.2	(3.98)	46.1	(4.24)	3.2	(0.88)	27.8	(2.91)	6.7	(1.50)
Other graduate.....	—	(†)	—	(†)	79.7	(1.50)	20.3	(1.50)	7.7	(0.83)	1.7	(0.45)	8.4	(0.97)	13.4	(1.17)
1999–2000, all institutions .....	—	(†)	—	(†)	52.1	(0.77)	47.9	(0.77)	18.1	(0.60)	1.6	(0.19)	15.9	(0.55)	20.3	(0.67)
Master's degree .....	—	(†)	—	(†)	50.3	(0.92)	49.7	(0.92)	18.6	(0.73)	1.4	(0.21)	14.2	(0.68)	23.2	(0.84)
Public.....	—	(†)	—	(†)	53.7	(1.30)	46.3	(1.30)	15.9	(0.92)	2.0	(0.33)	15.3	(0.95)	20.6	(1.15)
4-year doctoral .....	—	(†)	—	(†)	50.3	(1.61)	49.7	(1.61)	17.1	(1.12)	2.0	(0.43)	17.9	(1.22)	21.5	(1.40)
Other 4-year .....	—	(†)	—	(†)	61.5	(2.03)	38.5	(2.03)	13.3	(1.54)	2.0	(0.49)	9.5	(1.43)	18.6	(2.04)
Private.....	—	(†)	—	(†)	45.9	(1.28)	54.1	(1.28)	22.0	(1.14)	0.6	(0.22)	12.7	(0.95)	26.5	(1.20)
4-year doctoral .....	—	(†)	—	(†)	43.6	(1.48)	56.4	(1.48)	23.1	(1.40)	0.8	(0.32)	14.7	(1.16)	25.9	(1.33)
Other 4-year .....	—	(†)	—	(†)	50.6	(2.47)	49.4	(2.47)	19.7	(1.97)	†	(†)	8.4	(1.53)	27.7	(2.41)
Doctor's degree .....	—	(†)	—	(†)	45.5	(1.68)	54.5	(1.68)	14.5	(1.30)	1.0	(0.33)	37.8	(1.69)	13.9	(1.30)
Public.....	—	(†)	—	(†)	46.4	(2.13)	53.6	(2.13)	12.8	(1.16)	1.5	(0.48)	40.8	(2.01)	12.2	(1.30)
Private.....	—	(†)	—	(†)	43.4	(2.66)	56.6	(2.66)	18.1	(3.18)	#	(†)	31.4	(2.97)	17.5	(2.96)
First-professional .....	—	(†)	—	(†)	22.2	(2.29)	77.8	(2.29)	58.1	(4.76)	5.2	(1.35)	28.3	(2.81)	10.1	(1.90)
Public.....	—	(†)	—	(†)	20.6	(4.87)	79.4	(4.87)	60.7	(6.96)	6.6	(3.17)	23.9	(5.65)	†	(†)
Private.....	—	(†)	—	(†)	22.8	(2.56)	77.2	(2.56)	57.0	(6.00)	4.6	(1.40)	30.1	(3.19)	11.5	(2.22)
Other graduate.....	—	(†)	—	(†)	58.9	(2.85)	41.1	(2.85)	16.8	(2.46)	1.5	(0.74)	9.1	(1.52)	18.6	(2.40)
2003–04, all institutions .....	60.6	(0.87)	\$30,150	(733)	35.7	(1.08)	64.3	(1.08)	30.0	(1.05)	1.9	(0.36)	19.6	(0.83)	25.7	(0.92)
Master's degree .....	62.3	(1.15)	28,710	(828)	33.9	(1.27)	66.1	(1.27)	32.8	(1.22)	1.9	(0.46)	17.7	(1.17)	27.4	(1.19)
Public.....	58.9	(1.45)	24,720	(730)	37.5	(1.64)	62.5	(1.64)	26.6	(1.43)	2.2	(0.44)	22.1	(1.25)	24.9	(1.27)
4-year doctoral .....	58.4	(1.53)	25,480	(745)	36.1	(1.52)	63.9	(1.52)	27.2	(1.35)	2.2	(0.43)	24.1	(1.38)	24.8	(1.45)
Other 4-year .....	60.5	(2.97)	22,640	(2,063)	41.3	(4.27)	58.7	(4.27)	24.9	(3.99)	†	(†)	16.7	(2.35)	25.1	(3.34)
Private.....	66.2	(1.89)	32,790	(1,467)	29.7	(1.79)	70.3	(1.79)	39.8	(2.03)	†	(†)	12.6	(2.11)	30.3	(1.99)
4-year doctoral .....	66.3	(2.61)	32,790	(1,724)	30.6	(2.58)	69.4	(2.58)	39.2	(3.57)	†	(†)	15.0	(2.78)	28.2	(2.65)
Other <sup>5</sup> .....	66.1	(3.52)	32,790	(2,592)	28.8	(3.19)	71.2	(3.19)	40.6	(4.10)	†	(†)	9.7	(2.52)	32.7	(3.32)
Doctor's degree .....	55.2	(1.60)	42,070	(2,120)	28.1	(1.68)	71.9	(1.68)	22.0	(1.99)	2.0	(0.35)	46.3	(1.74)	19.6	(1.72)
Public.....	50.4	(1.82)	34,220	(1,381)	25.6	(1.31)	74.4	(1.31)	18.3	(1.78)	2.6	(0.51)	55.7	(1.38)	17.4	(1.02)
Private.....	63.9	(2.95)	53,370	(4,432)	32.6	(3.74)	67.4	(3.74)	28.7	(4.07)	†	(†)	29.3	(3.30)	23.4	(4.33)
First-professional .....	71.3	(3.28)	51,040	(5,836)	25.1	(3.55)	74.9	(3.55)	52.8	(4.43)	6.5	(1.82)	23.1	(4.34)	14.1	(2.59)
Public.....	81.9	(5.27)	62,800	(7,809)	22.2	(5.45)	77.8	(5.45)	61.1	(6.94)	†	(†)	31.4	(5.65)	9.9	(3.88)
Private.....	68.8	(3.90)	47,730	(6,596)	25.8	(4.35)	74.2	(4.35)	50.8	(5.42)	7.4	(2.37)	21.2	(5.60)	15.1	(3.17)
Other graduate.....	54.9	(2.43)	23,210	(1,183)	49.6	(2.80)	50.4	(2.80)	18.8	(2.79)	1.1	(0.46)	10.5	(1.39)	25.6	(2.20)
2007–08, <sup>4</sup> all institutions .....	66.8	(0.76)	\$36,230	(840)	33.1	(0.84)	66.9	(0.84)	32.0	(0.71)	2.0	(0.50)	18.8	(0.65)	27.2	(0.93)
Master's degree .....	67.2	(1.08)	34,030	(906)	30.9	(1.09)	69.1	(1.09)	34.4	(0.98)	2.2	(0.68)	16.0	(0.71)	29.8	(1.22)
Public.....	65.1	(1.30)	30,860	(702)	34.2	(1.38)	65.8	(1.38)	29.7	(0.94)	1.7	(0.37)	18.1	(0.91)	27.8	(1.42)
4-year doctoral .....	65.2	(1.38)	31,420	(815)	32.2	(1.59)	67.8	(1.59)	29.6	(1.17)	1.9	(0.47)	20.5	(1.14)	29.3	(1.70)
Other 4-year .....	64.7	(3.08)	29,080	(1,639)	40.6	(2.99)	59.4	(2.99)	29.7	(2.67)	1.2	(0.48)	10.4	(1.40)	22.7	(2.56)
Private.....	69.4	(1.56)	37,010	(1,513)	27.6	(1.58)	72.4	(1.58)	39.1	(1.49)	2.7	(1.32)	13.8	(1.11)	31.8	(1.85)
4-year doctoral .....	66.7	(1.36)	37,220	(905)	28.9	(1.51)	71.1	(1.51)	34.2	(1.52)	1.5	(0.40)	16.0	(1.28)	32.8	(1.20)
Other <sup>5</sup> .....	73.8	(3.28)	36,710	(3,266)	25.3	(3.20)	74.7	(3.20)	46.9	(2.93)	†	(†)	10.2	(1.64)	30.1	(4.48)
Doctor's degree .....	64.7	(3.45)	52,060	(5,370)	20.2	(1.91)	79.8	(1.91)	32.1	(4.93)	1.6	(0.33)	48.2	(3.15)	19.2	(1.71)
Public.....	54.8	(1.93)	36,730	(1,352)	23.4	(1.55)	76.6	(1.55)	18.0	(1.20)	2.2	(0.41)	60.1	(1.76)	19.6	(1.42)
Private.....	77.9	(5.54)	66,300	(9,050)	15.9	(3.88)	84.1	(3.88)	50.7	(9.05)	†	(†)	32.6	(5.14)	18.6	(4.05)
First-professional .....	82.2	(2.40)	64,430	(3,817)	14.2	(2.50)	85.8	(2.50)	63.8	(4.51)	3.8	(1.49)	31.3	(3.37)	16.3	(2.17)
Public.....	76.7	(5.12)	63,520	(5,656)	11.4	(4.88)	88.6	(4.88)	64.1	(7.15)	8.1	(3.15)	32.3	(5.88)	16.0	(3.67)
Private.....	85.2	(2.49)	64,860	(5,310)	15.7	(3.06)	84.3	(3.06)	63.6	(6.06)	†	(†)	30.8	(4.56)	16.5	(2.81)
Other graduate.....	63.9	(2.68)	28,950	(1,970)	56.1	(3.06)	43.9	(3.06)	16.1	(1.59)	1.2	(0.32)	7.5	(1.09)	23.4	(2.79)

—Not available.

†Not applicable.

#Rounds to zero.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

†Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes all loans ever taken out for both graduate and undergraduate education. Does not include Parent Loans for Undergraduate Students (PLUS) or loans from families or friends.<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.<sup>3</sup>Includes Department of Veterans Affairs and Department of Defense benefits.<sup>4</sup>Data have been revised from previously published figures.<sup>5</sup>Includes nonprofit 4-year nondoctoral institutions and for-profit 2-year-and-above institutions.

NOTE: Total includes some students whose level of study was unknown. Detail may not sum to totals because of rounding and because some students receive multiple types of aid and aid from different sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 398. Percentage of full-time, full-year postbaccalaureate students receiving financial aid, by type of aid, level of study, and control and level of institution: Selected years, 1992–93 through 2007–08**  
[Standard errors appear in parentheses]

Level of study, control and level of institution	Number of students <sup>1</sup> (in thousands)	Percent receiving aid							
		Any aid <sup>2</sup>	Fellowship grants	Tuition waivers	Assistantships <sup>3</sup>	Employer (includes college staff)	Loans		
							Any loans	Stafford <sup>4</sup>	Perkins <sup>5</sup>
1	2	3	4	5	6	7	8	9	10
<b>1992–93, all institutions ....</b>	<b>679 (42.6)</b>	<b>67.7 (1.19)</b>	<b>[<sup>6</sup>] (†)</b>	<b>12.3 (1.01)</b>	<b>14.1 (1.17)</b>	<b>3.3 (0.45)</b>	<b>43.0 (1.58)</b>	<b>40.8 (1.57)</b>	<b>9.0 (0.96)</b>
Master's degree .....	286 (18.2)	61.9 (2.28)	[ <sup>6</sup> ] (†)	15.4 (1.31)	17.6 (1.85)	5.1 (0.73)	32.0 (2.12)	30.0 (2.09)	5.1 (0.80)
Public .....	165 (8.2)	64.8 (2.17)	[ <sup>6</sup> ] (†)	20.3 (1.77)	21.9 (1.78)	4.8 (0.85)	31.9 (2.05)	30.6 (1.94)	4.1 (0.73)
4-year doctoral .....	141 (6.7)	65.2 (2.27)	[ <sup>6</sup> ] (†)	23.0 (1.87)	23.0 (1.94)	4.7 (0.89)	30.5 (2.10)	29.3 (1.98)	3.4 (0.62)
Other 4-year .....	24 (2.5)	62.8 (4.36)	[ <sup>6</sup> ] (†)	4.3 ! (1.82)	15.6 (2.73)	5.2 ! (2.46)	40.0 (5.20)	38.0 (5.03)	8.2 ! (3.36)
Private .....	121 (15.1)	57.8 (4.32)	[ <sup>6</sup> ] (†)	8.7 (1.69)	11.7 ! (3.84)	5.5 (1.21)	32.0 (3.84)	29.3 (3.88)	6.5 (1.67)
4-year doctoral .....	105 (13.9)	60.2 (4.66)	[ <sup>6</sup> ] (†)	9.3 (1.89)	13.1 ! (4.33)	5.6 (1.39)	32.7 (4.50)	30.3 (4.59)	6.9 (1.66)
Other 4-year .....	16 (1.3)	42.4 (3.68)	[ <sup>6</sup> ] (†)	4.8 (0.53)	† (†)	4.7 (0.38)	27.7 (3.32)	23.2 (3.15)	4.4 (1.23)
Doctor's degree .....	121 (5.9)	69.0 (2.00)	[ <sup>6</sup> ] (†)	19.2 (1.99)	26.6 (1.93)	2.4 (0.54)	25.6 (2.32)	23.8 (2.35)	3.5 (0.55)
Public .....	74 (4.3)	69.6 (2.61)	[ <sup>6</sup> ] (†)	23.3 (2.74)	31.6 (2.80)	3.4 (0.79)	20.4 (2.30)	18.7 (2.21)	2.9 (0.73)
Private .....	47 (4.3)	68.0 (3.17)	[ <sup>6</sup> ] (†)	12.7 (2.50)	18.8 (2.15)	† (†)	33.9 (3.72)	31.7 (3.85)	4.4 (0.83)
First-professional .....	211 (23.3)	77.3 (1.18)	[ <sup>6</sup> ] (†)	5.6 (1.00)	4.4 (0.68)	1.2 ! (0.40)	68.0 (1.80)	65.8 (1.76)	19.4 (1.90)
Public .....	100 (23.1)	79.5 (1.29)	[ <sup>6</sup> ] (†)	5.4 (1.25)	4.3 (0.61)	1.3 ! (0.59)	72.0 (1.83)	70.1 (1.64)	23.2 (2.16)
Private .....	110 (7.1)	75.2 (1.76)	[ <sup>6</sup> ] (†)	5.9 (1.28)	4.5 (1.22)	1.2 ! (0.54)	64.4 (2.22)	61.9 (2.30)	15.9 (1.86)
Other graduate .....	62 (6.7)	59.9 (6.40)	[ <sup>6</sup> ] (†)	7.4 (1.78)	6.1 ! (1.87)	† (†)	42.4 (4.68)	38.5 (4.50)	2.5 (0.62)
<b>1999–2000, all institutions .</b>	<b>918 (14.6)</b>	<b>82.2 (0.68)</b>	<b>20.0 (0.72)</b>	<b>11.5 (0.49)</b>	<b>23.2 (0.60)</b>	<b>5.8 (0.29)</b>	<b>53.7 (0.99)</b>	<b>52.0 (1.00)</b>	<b>8.7 (0.71)</b>
Master's degree .....	415 (10.5)	79.2 (0.81)	16.5 (0.74)	11.4 (0.66)	21.8 (1.23)	9.0 (1.04)	50.2 (1.78)	48.6 (1.90)	5.7 (0.87)
Public .....	228 (9.4)	78.1 (1.16)	15.5 (1.12)	18.1 (1.21)	30.3 (1.99)	6.8 (0.57)	44.0 (1.82)	42.8 (1.76)	2.9 (0.68)
4-year doctoral .....	184 (6.0)	80.2 (0.98)	16.6 (1.09)	19.4 (1.26)	34.0 (1.60)	7.1 (0.82)	42.2 (1.78)	41.6 (1.71)	3.1 (0.77)
Other 4-year .....	44 (5.3)	69.1 (4.98)	11.2 (2.61)	12.3 ! (3.74)	15.0 ! (5.31)	5.7 (1.60)	51.4 (6.34)	48.0 (7.03)	1.9 (0.50)
Private .....	187 (7.1)	57.8 (2.96)	17.7 (0.97)	3.3 (0.62)	11.5 (0.82)	11.6 (2.03)	57.8 (2.96)	55.5 (3.78)	9.1 (1.42)
4-year doctoral .....	127 (11.5)	82.5 (1.92)	23.4 (1.31)	4.1 (0.67)	14.0 (1.91)	8.3 (1.50)	60.1 (1.66)	56.7 (2.39)	11.5 (1.69)
Other 4-year .....	61 (8.5)	76.6 (3.91)	5.8 ! (1.77)	1.4 ! (0.64)	† (†)	18.6 (5.21)	53.0 (8.54)	53.0 (8.54)	† (†)
Doctor's degree .....	187 (8.3)	88.0 (0.74)	37.4 (2.14)	23.0 (1.57)	54.3 (2.24)	5.3 (0.87)	29.3 (3.58)	27.7 (3.33)	† (†)
Public .....	113 (1.9)	88.6 (1.58)	29.8 (1.32)	34.8 (1.95)	62.5 (2.19)	7.3 (1.25)	26.0 (2.27)	24.2 (1.71)	1.1 ! (0.46)
Private .....	73 (7.8)	87.1 (2.48)	49.2 (4.37)	4.9 (0.73)	41.7 (4.41)	2.3 (0.64)	34.4 (6.95)	33.2 (6.99)	† (†)
First-professional .....	254 (10.6)	88.1 (0.87)	16.3 (1.85)	4.0 (0.80)	6.5 (0.72)	1.5 (0.41)	80.4 (0.78)	78.3 (0.69)	17.9 (1.25)
Public .....	114 (7.0)	87.8 (1.18)	12.2 (1.33)	7.2 (1.75)	6.5 (1.28)	1.6 (0.46)	81.0 (1.51)	79.8 (1.57)	19.9 (1.83)
Private .....	140 (5.7)	88.4 (1.14)	19.8 (2.27)	† (†)	6.5 (0.81)	1.5 ! (0.71)	79.9 (1.73)	77.1 (1.59)	16.3 (1.33)
Other graduate .....	62 (12.1)	59.8 (5.00)	5.6 ! (2.02)	8.4 ! (3.32)	7.2 (2.08)	3.1 ! (1.49)	41.0 (4.99)	40.4 (4.89)	3.8 ! (1.67)
<b>2003–04, all institutions ....</b>	<b>914 (30.5)</b>	<b>85.9 (1.06)</b>	<b>21.6 (0.94)</b>	<b>13.2 (0.63)</b>	<b>22.5 (0.92)</b>	<b>8.6 (0.85)</b>	<b>61.0 (1.25)</b>	<b>56.4 (1.24)</b>	<b>10.8 (1.35)</b>
Master's degree .....	381 (28.4)	80.5 (1.95)	17.1 (1.44)	11.7 (1.04)	21.6 (1.65)	10.5 (1.36)	57.3 (2.15)	52.4 (2.25)	5.4 (0.80)
Public .....	190 (12.0)	78.3 (2.11)	15.0 (1.86)	19.0 (1.69)	33.7 (2.50)	7.0 (1.06)	46.1 (2.54)	42.5 (2.45)	4.1 (0.87)
4-year doctoral .....	168 (10.4)	81.3 (1.75)	15.4 (2.06)	19.7 (1.71)	36.4 (2.52)	7.7 (1.17)	47.6 (2.55)	43.6 (2.39)	4.7 (0.99)
Other 4-year .....	22 (5.0)	55.4 (10.59)	† (†)	† (†)	† (†)	† (†)	34.7 (10.36)	34.2 (10.25)	† (†)
Private .....	191 (23.0)	82.6 (3.45)	19.3 (2.44)	4.6 (1.01)	9.5 (2.19)	14.0 (2.47)	68.4 (3.34)	62.3 (3.45)	6.6 (1.38)
4-year doctoral .....	116 (10.0)	85.8 (2.53)	27.9 (2.90)	7.0 (1.51)	12.4 (2.32)	10.3 (2.13)	67.8 (3.26)	60.0 (3.60)	9.8 (1.96)
Other 4-year .....	76 (19.4)	77.7 (6.94)	6.1 ! (2.94)	† (†)	† (†)	19.7 (5.43)	69.3 (6.36)	65.8 (6.36)	† (†)
Doctor's degree .....	190 (9.0)	92.3 (0.86)	37.1 (1.71)	32.3 (1.71)	52.1 (1.82)	7.9 (0.79)	34.6 (1.86)	31.3 (1.67)	6.9 (1.50)
Public .....	111 (5.5)	93.4 (0.85)	33.2 (2.03)	43.5 (2.20)	59.1 (1.94)	8.5 (0.94)	30.8 (1.80)	27.9 (1.71)	4.7 (0.87)
Private .....	78 (6.3)	90.7 (1.63)	42.7 (3.12)	16.4 (1.73)	42.2 (3.30)	7.1 (1.26)	39.8 (3.53)	36.0 (3.27)	10.1 ! (3.30)
First-professional .....	273 (7.2)	90.3 (1.23)	21.2 (1.87)	3.8 (0.67)	7.5 (0.89)	5.0 (0.76)	81.2 (1.60)	75.3 (2.08)	23.1 (3.31)
Public .....	126 (7.3)	90.6 (1.45)	21.0 (2.51)	5.6 (0.90)	9.7 (1.35)	5.0 (0.93)	80.7 (2.11)	74.9 (2.44)	22.8 (2.01)
Private .....	147 (10.5)	90.1 (1.71)	21.3 (2.51)	2.2 ! (0.91)	5.6 (1.12)	5.0 (1.05)	81.6 (2.07)	75.8 (2.89)	23.3 (5.81)
Other graduate .....	71 (11.7)	80.9 (4.80)	6.2 (1.59)	5.6 ! (2.04)	6.6 ! (2.49)	14.1 ! (5.74)	73.4 (5.67)	72.5 (5.77)	2.7 ! (1.20)
<b>2007–08,<sup>7</sup> all institutions ...</b>	<b>1,143 (—)</b>	<b>86.9 (0.80)</b>	<b>23.5 (0.87)</b>	<b>12.3 (0.61)</b>	<b>25.2 (0.87)</b>	<b>11.6 (0.92)</b>	<b>58.3 (1.20)</b>	<b>55.1 (1.17)</b>	<b>6.1 (0.38)</b>
Master's degree .....	594 (—)	84.4 (1.33)	17.7 (1.03)	10.8 (0.89)	19.4 (1.01)	16.3 (1.75)	59.4 (2.02)	54.8 (1.92)	4.4 (0.50)
Public .....	243 (—)	86.7 (1.27)	19.9 (1.82)	21.3 (1.96)	35.7 (1.77)	13.5 (1.50)	53.1 (1.85)	49.9 (1.86)	4.7 (0.96)
4-year doctoral .....	215 (—)	88.0 (1.33)	21.8 (2.01)	23.4 (2.15)	37.8 (1.97)	14.6 (1.68)	52.1 (2.00)	49.2 (2.02)	4.5 (1.00)
Other 4-year .....	28 (—)	77.3 (3.92)	5.2 ! (2.19)	6.0 ! (2.38)	19.8 (4.57)	5.1 ! (1.92)	61.1 (5.94)	55.6 (5.96)	6.2 ! (2.87)
Private .....	351 (—)	82.8 (1.96)	16.2 (1.32)	3.5 (0.61)	8.2 (0.74)	18.3 (2.78)	63.7 (2.88)	58.2 (2.79)	4.2 (0.54)
4-year doctoral .....	198 (—)	80.9 (1.46)	25.5 (2.18)	3.8 (0.63)	12.9 (1.17)	14.4 (1.17)	58.1 (1.51)	54.1 (1.50)	7.1 (0.95)
Other <sup>8</sup> .....	153 (—)	85.1 (3.91)	4.1 (0.85)	3.2 ! (1.14)	2.0 (0.51)	23.3 (6.22)	71.0 (6.08)	63.4 (5.95)	† (†)
Doctor's degree .....	280 (—)	92.9 (0.87)	35.1 (1.90)	25.5 (1.69)	53.1 (2.55)	7.9 (0.80)	37.3 (2.31)	35.4 (2.23)	2.6 (0.46)
Public .....	144 (—)	92.1 (1.48)	30.7 (2.39)	39.4 (2.32)	66.5 (2.70)	7.9 (0.94)	29.0 (1.70)	27.7 (1.70)	2.5 (0.60)
Private .....	136 (—)	93.8 (1.08)	39.8 (3.41)	10.8 (1.90)	39.1 (3.41)	8.0 (1.35)	46.1 (3.84)	43.5 (3.73)	2.8 (0.69)
First-professional .....	236 (—)	88.4 (1.15)	26.1 (1.78)	1.7 (0.41)	7.9 (0.78)	4.6 (0.75)	81.7 (1.40)	80.3 (1.43)	14.5 (1.26)
Public .....	105 (—)	88.3 (1.69)	22.0 (2.15)	3.2 (0.89)	9.4 (1.38)	4.9 (1.43)	81.4 (2.25)	80.4 (2.25)	14.5 (2.03)
Private .....	131 (—)	88.5 (1.46)	29.4 (2.56)	0.5 ! (0.18)	6.7 (0.92)	4.4 (0.71)	82.0 (1.62)	80.2 (1.70)	14.5 (1.66)
Other graduate .....	33 (—)	69.2 (6.54)	10.4 ! (3.70)	3.2 ! (1.26)	16.0 ! (5.07)	6.2 ! (2.33)	49.3 (6.72)	47.4 (6.58)	4.7 ! (2.12)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Numbers of full-time, full-year postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students who enrolled at any time during the school year.

<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.

<sup>3</sup>Includes students who received teaching or research assistantships and/or participated in work-study programs.

<sup>4</sup>Formerly Guaranteed Student Loans (GSL).

<sup>5</sup>Formerly National Direct Student Loans (NDSL). Includes subsidized amounts only.

<sup>6</sup>Fellowship estimates for 1992–93 were based primarily on information provided by institutions and are not comparable to data for 1999–2000 and later years, which were based on information provided by both students and institutions.

<sup>7</sup>Data have been revised from previously published figures.

<sup>8</sup>Includes nonprofit 4-year nondoctoral institutions and for-profit 2-year-and-above institutions. NOTE: Excludes students whose attendance status was not reported. Total includes some students whose level of study or control of institution was unknown. Detail may not sum to totals because of rounding and because some students receive aid from multiple sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 399. Percentage of part-time or part-year postbaccalaureate students receiving financial aid, by type of aid, level of study, and control and level of institution: Selected years, 1992–93 through 2007–08**

[Standard errors appear in parentheses]

Level of study, control and level of institution	Number of students <sup>1</sup> (in thousands)	Percent receiving aid								
		Any aid <sup>2</sup>	Fellowship grants	Tuition waivers	Assistantships <sup>3</sup>	Employer (includes college staff)	Loans			
							Any loans	Stafford <sup>4</sup>	Perkins <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	
<b>1992–93, all institutions ....</b>	<b>1,957 (88.6)</b>	<b>28.8 (0.85)</b>	<b>[*]</b> <b>(†)</b>	<b>5.0 (0.35)</b>	<b>4.3 (0.32)</b>	<b>7.8 (0.44)</b>	<b>10.7 (0.48)</b>	<b>9.5 (0.44)</b>	<b>1.0 (0.11)</b>	
Master's degree .....	1,324 (72.6)	28.4 (0.93)	[*] (†)	4.6 (0.36)	3.8 (0.34)	8.8 (0.52)	10.3 (0.56)	9.3 (0.53)	0.9 (0.13)	
Public .....	774 (41.5)	26.2 (1.05)	[*] (†)	4.9 (0.45)	5.2 (0.46)	6.6 (0.49)	9.9 (0.64)	9.0 (0.61)	1.2 (0.18)	
4-year doctoral .....	489 (22.0)	30.5 (1.34)	[*] (†)	6.5 (0.61)	6.8 (0.64)	6.7 (0.65)	11.8 (0.81)	10.7 (0.75)	1.5 (0.22)	
Other 4-year .....	285 (26.3)	18.8 (1.61)	[*] (†)	2.2 (0.53)	2.6 (0.60)	6.5 (0.76)	6.5 (0.91)	6.0 (0.85)	0.6 ! (0.29)	
Private .....	550 (45.5)	31.4 (1.68)	[*] (†)	4.2 (0.55)	1.9 (0.43)	11.8 (0.91)	11.0 (0.94)	9.7 (0.86)	0.5 ! (0.17)	
4-year doctoral .....	358 (37.2)	33.0 (1.84)	[*] (†)	4.4 (0.67)	2.5 (0.50)	12.1 (1.10)	11.9 (1.19)	10.5 (1.11)	0.6 ! (0.26)	
Other 4-year .....	193 (17.3)	28.4 (2.97)	[*] (†)	3.8 (1.04)	0.7 ! (0.25)	11.2 (1.57)	9.4 (1.33)	8.2 (1.15)	† (†)	
Doctor's degree .....	149 (7.7)	43.9 (2.18)	[*] (†)	12.8 (1.66)	17.1 (1.68)	5.4 (1.00)	7.2 (0.93)	6.8 (0.91)	0.8 (0.07)	
Public .....	98 (4.2)	43.9 (2.48)	[*] (†)	14.9 (2.08)	17.0 (1.76)	6.3 (1.09)	7.1 (0.92)	6.5 (0.86)	0.6 (0.08)	
Private .....	52 (6.4)	43.8 (3.68)	[*] (†)	8.9 (2.32)	17.4 (3.40)	† (†)	7.6 (1.88)	7.4 (1.89)	1.2 (0.17)	
First-professional .....	66 (4.8)	57.9 (2.71)	[*] (†)	5.9 (1.04)	3.0 (0.70)	3.3 (0.89)	46.4 (2.94)	42.9 (2.66)	6.7 (0.91)	
Public .....	165 (8.2)	64.8 (2.17)	[*] (†)	20.3 (1.77)	21.9 (1.78)	4.8 (0.85)	31.9 (2.05)	30.6 (1.94)	4.1 (0.73)	
Private .....	121 (15.1)	57.8 (4.32)	[*] (†)	8.7 (1.69)	11.7 ! (3.84)	5.5 (1.21)	32.0 (3.84)	29.3 (3.88)	6.5 (1.67)	
Other graduate .....	417 (28.6)	20.3 (1.54)	[*] (†)	3.4 (0.57)	1.6 (0.39)	6.4 (0.90)	7.2 (0.74)	6.0 (0.66)	0.6 ! (0.27)	
<b>1999–2000, all institutions .</b>	<b>1,740 (35.8)</b>	<b>47.9 (1.05)</b>	<b>4.8 (0.38)</b>	<b>5.8 (0.23)</b>	<b>5.4 (0.20)</b>	<b>20.3 (0.82)</b>	<b>18.0 (0.42)</b>	<b>16.9 (0.52)</b>	<b>1.0 (0.26)</b>	
Master's degree .....	1,137 (42.7)	50.1 (0.76)	4.4 (0.47)	4.9 (0.25)	4.7 (0.20)	23.4 (0.90)	18.9 (0.91)	17.7 (1.14)	0.7 ! (0.23)	
Public .....	634 (19.2)	46.3 (1.16)	3.8 (0.55)	6.3 (0.39)	6.2 (0.30)	20.8 (1.51)	15.9 (0.99)	14.7 (1.08)	0.7 ! (0.29)	
4-year doctoral .....	434 (13.7)	49.7 (1.44)	4.2 (0.41)	7.4 (0.40)	8.0 (0.40)	21.5 (1.51)	16.7 (1.06)	15.6 (1.11)	0.5 ! (0.20)	
Other 4-year .....	200 (9.9)	39.0 (1.54)	3.1 ! (1.35)	4.0 (0.74)	2.2 (0.51)	19.1 (2.24)	14.1 (1.63)	12.9 (1.45)	1.1 ! (0.54)	
Private .....	503 (27.9)	22.7 (1.19)	5.0 (0.68)	3.2 (0.24)	2.8 (0.44)	26.8 (0.93)	22.7 (1.19)	21.4 (1.49)	0.7 ! (0.23)	
4-year doctoral .....	323 (8.9)	56.4 (1.61)	6.3 (0.73)	3.6 (0.39)	3.3 (0.38)	25.9 (2.39)	22.7 (1.51)	21.4 (1.77)	0.8 ! (0.29)	
Other 4-year .....	180 (25.4)	52.4 (2.17)	2.8 (0.71)	2.6 (0.20)	† (†)	28.5 (3.04)	22.6 (1.18)	21.3 (1.38)	† (†)	
Doctor's degree .....	162 (10.4)	54.3 (1.47)	10.7 (1.11)	14.8 (1.40)	20.7 (1.67)	14.1 (1.30)	14.4 (1.55)	13.8 (1.51)	† (†)	
Public .....	109 (4.2)	53.0 (1.94)	8.7 (1.27)	19.4 (1.12)	25.6 (1.60)	12.1 (0.91)	12.4 (1.15)	11.8 (1.11)	† (†)	
Private .....	53 (7.2)	57.0 (1.65)	14.9 (2.62)	5.4 ! (2.53)	10.5 (1.65)	18.1 (3.23)	18.5 (4.01)	17.9 (4.04)	† (†)	
First-professional .....	75 (11.3)	76.0 (2.71)	9.7 (1.89)	5.1 (0.98)	† (†)	10.6 (2.55)	58.7 (2.74)	55.5 (2.79)	6.9 (1.56)	
Public .....	23 (2.2)	73.0 (6.16)	8.5 ! (3.11)	3.9 ! (1.30)	† (†)	7.6 (1.17)	58.5 (6.19)	54.5 (7.07)	5.4 ! (2.32)	
Private .....	52 (10.8)	77.3 (4.59)	10.3 (2.33)	5.6 (1.67)	2.9 ! (1.40)	11.9 ! (3.95)	58.7 (4.92)	55.9 (6.36)	7.6 ! (3.11)	
Other graduate .....	366 (13.0)	32.3 (2.53)	2.6 (0.64)	4.4 (0.57)	1.3 (0.29)	15.3 (1.68)	8.7 (1.46)	8.1 (1.45)	0.4 ! (0.19)	
<b>2003–04, all institutions ....</b>	<b>1,910 (100.6)</b>	<b>64.3 (1.08)</b>	<b>6.0 (0.47)</b>	<b>6.1 (0.47)</b>	<b>11.8 (0.54)</b>	<b>25.7 (0.92)</b>	<b>30.0 (1.07)</b>	<b>28.3 (1.02)</b>	<b>1.7 (0.21)</b>	
Master's degree .....	1,300 (69.5)	66.1 (1.27)	4.8 (0.66)	5.7 (0.64)	10.6 (0.70)	27.4 (1.19)	32.7 (1.23)	30.9 (1.17)	1.6 (0.28)	
Public .....	695 (33.7)	62.5 (1.64)	3.4 (0.55)	7.6 (0.78)	16.1 (0.95)	24.9 (1.27)	27.2 (1.45)	25.0 (1.37)	2.2 (0.39)	
4-year doctoral .....	514 (29.9)	63.9 (1.52)	3.7 (0.63)	8.3 (0.89)	17.8 (1.04)	24.8 (1.45)	27.7 (1.39)	25.1 (1.30)	2.6 (0.48)	
Other 4-year .....	181 (13.3)	58.7 (4.27)	2.6 ! (0.96)	5.5 ! (1.76)	11.2 (2.13)	25.1 (3.34)	25.8 (4.10)	24.6 (3.95)	† (†)	
Private .....	605 (43.8)	70.3 (1.79)	6.5 (1.38)	3.5 (0.96)	4.3 (0.77)	30.3 (1.99)	39.1 (2.01)	37.8 (1.99)	1.0 ! (0.38)	
4-year doctoral .....	326 (28.1)	69.4 (2.58)	8.6 (2.00)	3.0 (0.72)	6.0 (1.35)	28.2 (2.65)	38.3 (3.69)	36.4 (3.63)	1.6 ! (0.68)	
Other 4-year .....	279 (28.4)	71.2 (3.19)	4.0 ! (1.45)	4.0 ! (1.81)	2.2 ! (0.74)	32.7 (3.32)	40.0 (3.96)	39.4 (4.01)	† (†)	
Doctor's degree .....	197 (24.2)	71.9 (1.68)	15.2 (1.02)	15.3 (1.37)	33.9 (1.26)	19.6 (1.72)	22.3 (1.97)	20.5 (1.98)	1.4 (0.32)	
Public .....	127 (15.7)	74.4 (1.31)	15.8 (1.10)	20.9 (1.75)	42.1 (1.22)	17.4 (1.02)	18.2 (1.71)	16.5 (1.71)	1.8 (0.46)	
Private .....	70 (9.8)	67.4 (3.74)	14.0 (2.39)	5.1 (1.21)	18.8 (2.24)	23.4 (4.33)	29.6 (4.14)	27.9 (4.04)	0.8 ! (0.33)	
First-professional .....	77 (13.8)	74.9 (3.55)	15.6 (3.96)	3.6 ! (1.58)	6.2 (1.51)	14.1 (2.59)	51.3 (5.17)	48.4 (4.76)	6.0 (1.75)	
Public .....	15 (2.1)	77.8 (5.45)	17.6 (4.67)	6.9 ! (3.10)	8.3 ! (4.07)	9.9 ! (3.88)	61.9 (6.90)	52.4 (7.05)	20.3 (4.32)	
Private .....	62 (13.2)	74.2 (4.35)	15.2 ! (4.82)	† (†)	5.7 ! (1.76)	15.1 (3.17)	48.8 (6.30)	47.4 (5.96)	† (†)	
Other graduate .....	336 (25.0)	50.4 (2.80)	3.1 (0.76)	3.0 (0.56)	5.1 (0.85)	25.6 (2.20)	19.2 (2.79)	18.2 (2.78)	1.0 ! (0.44)	
<b>2007–08,<sup>7</sup> all institutions ...</b>	<b>2,349 (—)</b>	<b>66.9 (0.84)</b>	<b>6.6 (0.50)</b>	<b>6.8 (0.33)</b>	<b>9.7 (0.37)</b>	<b>27.2 (0.93)</b>	<b>34.6 (0.70)</b>	<b>30.5 (0.64)</b>	<b>0.9 (0.09)</b>	
Master's degree .....	1,656 (—)	69.1 (1.09)	5.5 (0.45)	5.6 (0.39)	7.5 (0.39)	29.8 (1.22)	36.8 (0.98)	32.7 (0.93)	0.9 (0.12)	
Public .....	831 (—)	65.8 (1.38)	4.6 (0.53)	7.2 (0.68)	10.7 (0.72)	27.8 (1.42)	32.7 (1.16)	27.8 (0.90)	1.0 (0.16)	
4-year doctoral .....	633 (—)	67.8 (1.59)	5.0 (0.64)	8.4 (0.80)	12.2 (0.94)	29.3 (1.70)	32.2 (1.35)	27.9 (1.16)	0.9 (0.18)	
Other 4-year .....	198 (—)	59.4 (2.99)	3.0 ! (0.97)	3.6 ! (1.18)	6.0 (1.17)	22.7 (2.56)	34.5 (2.98)	27.2 (2.63)	1.2 ! (0.37)	
Private .....	825 (—)	72.4 (1.58)	6.4 (0.73)	4.0 (0.50)	4.3 (0.44)	31.8 (1.85)	40.9 (1.41)	37.6 (1.40)	0.8 (0.18)	
4-year doctoral .....	510 (—)	71.1 (1.51)	8.0 (0.95)	3.8 (0.52)	5.6 (0.59)	32.8 (1.20)	36.6 (1.32)	32.8 (1.23)	1.1 (0.29)	
Other <sup>8</sup> .....	315 (—)	74.7 (3.20)	3.9 (0.77)	4.3 (0.97)	2.3 (0.56)	30.1 (4.48)	48.0 (2.91)	45.3 (2.88)	0.2 ! (0.11)	
Doctor's degree .....	272 (—)	79.8 (1.91)	17.1 (2.08)	16.3 (1.76)	33.9 (3.38)	19.2 (1.71)	33.3 (4.77)	30.4 (5.04)	0.5 ! (0.25)	
Public .....	155 (—)	76.6 (1.55)	16.8 (1.67)	24.2 (1.51)	47.1 (2.01)	19.6 (1.42)	18.8 (1.25)	15.8 (1.15)	† (†)	
Private .....	117 (—)	84.1 (3.88)	17.4 (4.56)	6.0 ! (2.00)	16.4 (4.25)	18.6 (4.05)	52.6 (8.57)	49.8 (9.24)	† (†)	
First-professional .....	59 (—)	85.8 (2.50)	20.2 (3.96)	6.4 ! (2.49)	10.2 (1.99)	16.3 (3.17)	68.3 (3.91)	62.7 (4.59)	4.0 ! (1.46)	
Public .....	20 (—)	88.6 (4.88)	13.5 (3.95)	10.8 ! (4.22)	18.1 (4.66)	16.0 (3.67)	67.1 (5.83)	61.5 (7.03)	7.8 ! (3.19)	
Private .....	38 (—)	84.3 (3.06)	23.8 (5.42)	† (†)	5.9 (1.68)	16.5 (2.81)	68.9 (5.37)	63.3 (6.07)	† (†)	
Other graduate .....	363 (—)	43.9 (3.06)	1.5 (0.37)	4.8 (0.97)	1.5 (0.41)	23.4 (2.79)	20.0 (2.10)	15.5 (1.58)	0.5 ! (0.25)	

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Numbers of part-time or part-year postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students enrolled at any time during the school year.<sup>2</sup>Includes students who reported they were awarded aid, but did not specify the source of aid.<sup>3</sup>Includes students who received teaching or research assistantships and/or participated in work-study programs.<sup>4</sup>Formerly Guaranteed Student Loans (GSL).<sup>5</sup>Formerly National Direct Student Loans (NDSL). Includes subsidized amounts only.<sup>6</sup>Fellowship estimates for 1992–93 were based primarily on information provided by institutions and are not comparable to data for 1999–2000 and later years, which were based on information provided by both students and institutions.<sup>7</sup>Data have been revised from previously published figures.<sup>8</sup>Includes nonprofit 4-year nondoctoral institutions and for-profit 2-year-and-above institutions.

NOTE: Excludes students whose attendance status was not reported. Total includes some students whose level of study or control of institution was unknown. Detail may not sum to totals because of rounding and because some students receive aid from multiple sources. Data include Puerto Rico.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992–93, 1999–2000, 2003–04, and 2007–08 National Postsecondary Student Aid Study (NPSAS:93, NPSAS:2000, NPSAS:04, and NPSAS:08). (This table was prepared July 2013.)

**Table 400. Number of postsecondary students who entered the student loan repayment phase, number of students who defaulted, and 2-year student loan cohort default rates, by level and control of institution: Fiscal years 2007 through 2010**

Fiscal year and level and control of institution	Number who entered repayment phase in given fiscal year <sup>1</sup>	Number who defaulted by end of following fiscal year <sup>2</sup>	2-year cohort default rate <sup>3</sup>
1	2	3	4
<b>Fiscal year 2007</b>			
<b>All institutions .....</b>	<b>3,387,111</b>	<b>225,810</b>	<b>6.7</b>
Less-than-2-year institutions.....	155,459	16,822	10.8
Public.....	10,203	743	7.3
Private nonprofit.....	6,093	511	8.4
Private for-profit .....	139,163	15,568	11.2
2-year institutions.....	729,706	79,503	10.9
Public.....	481,092	48,068	10.0
Private nonprofit.....	9,949	928	9.3
Private for-profit .....	238,665	30,507	12.8
4-year institutions.....	2,501,946	129,485	5.2
Public.....	1,300,022	58,664	4.5
Private nonprofit.....	773,820	28,940	3.7
Private for-profit .....	428,104	41,881	9.8
<b>Fiscal year 2008</b>			
<b>All institutions .....</b>	<b>3,370,827</b>	<b>238,676</b>	<b>7.1</b>
Less-than-2-year institutions.....	134,984	16,478	12.2
Public.....	7,736	523	6.8
Private nonprofit.....	3,794	537	14.2
Private for-profit .....	123,454	15,418	12.5
2-year institutions.....	773,808	85,036	11.0
Public.....	487,436	49,331	10.1
Private nonprofit.....	14,157	1,167	8.2
Private for-profit .....	272,215	34,538	12.7
4-year institutions.....	2,462,035	137,162	5.6
Public.....	1,225,492	54,438	4.4
Private nonprofit.....	743,178	28,916	3.9
Private for-profit .....	493,365	53,808	10.9
<b>Fiscal year 2009</b>			
<b>All institutions .....</b>	<b>3,619,979</b>	<b>319,701</b>	<b>8.8</b>
Less-than-2-year institutions.....	142,632	19,385	13.6
Public.....	7,548	749	9.9
Private nonprofit.....	4,148	605	14.6
Private for-profit .....	130,936	18,031	13.8
2-year institutions.....	824,841	106,634	12.9
Public.....	520,256	62,234	12.0
Private nonprofit.....	15,039	1,507	10.0
Private for-profit .....	289,546	42,893	14.8
4-year institutions.....	2,652,506	193,682	7.3
Public.....	1,251,099	65,138	5.2
Private nonprofit.....	806,034	36,606	4.5
Private for-profit .....	595,373	91,938	15.4
<b>Fiscal year 2010</b>			
<b>All institutions .....</b>	<b>4,091,274</b>	<b>374,660</b>	<b>9.2</b>
Less-than-2-year institutions.....	179,650	21,274	11.8
Public.....	8,261	831	10.1
Private nonprofit.....	4,953	676	13.6
Private for-profit .....	166,436	19,767	11.9
2-year institutions.....	966,842	124,136	12.8
Public.....	604,872	81,120	13.4
Private nonprofit.....	18,384	1,573	8.6
Private for-profit .....	343,586	41,443	12.1
4-year institutions.....	2,944,782	229,250	7.8
Public.....	1,314,921	79,864	6.1
Private nonprofit.....	858,668	44,232	5.2
Private for-profit .....	771,193	105,154	13.6

<sup>1</sup>The repayment phase is the period when student loans must be repaid; it generally begins 6 months after a student leaves an institution.

<sup>2</sup>Default occurs when a borrower fails to make a payment for 270 days.

<sup>3</sup>The 2-year cohort default rate is the percentage of borrowers who enter repayment during the specified federal fiscal year and who default by the end of the following fiscal year. For example, fiscal year (FY) 2007 runs from October 1, 2006, through September 30, 2007. The 2-year cohort default rate for FY 2007 is the percentage of borrowers who entered repayment during FY 2007 and who defaulted by the end of FY 2008 (September 30, 2008). For purposes of computing the default rate, if an individual or entity affiliated with the institution makes a payment to prevent a borrower's default on a loan, the borrower is still considered in default.

NOTE: Data are for certain loans under the Federal Family Education Loan (FFEL) Program and the William D. Ford Federal Direct Loan Program (commonly referred to as the Direct loan Program). Includes Federal Stafford Loans. Does not include PLUS loans, Federal Insured Student Loans (FISLs), or Federal Perkins Loans. For more details, see <http://ifap.ed.gov/DefaultManagement/guide/attachments/CDRGuideCh2Pt1CDRCalculation.pdf>.

SOURCE: U.S. Department of Education, Office of Federal Student Aid, Direct Loan and Federal Family Education Loan Programs, Cohort Default Rate Database; retrieved November 18, 2012, from <http://www2.ed.gov/offices/OSFAP/defaultmanagement/cdr2yr.html>. (This table was prepared November 2012.)



**Table 401. Revenues of public degree-granting institutions, by source of revenue and level of institution: Selected years, 2005–06 through 2010–11**

Level of institution and year	Total revenues	Operating revenue							
		Tuition and fees <sup>1</sup>	Grants and contracts			Sales and services of auxiliary enterprises <sup>1</sup>	Sales and services of hospitals	Independent operations	Other operating revenues <sup>2</sup>
			Federal	State	Local and private				
1	2	3	4	5	6	7	8	9	10
In thousands of current dollars									
<b>All levels</b>									
2005–06 .....	\$246,164,836	\$41,770,600	\$30,333,948	\$7,207,813	\$7,606,076	\$18,786,806	\$22,100,555	\$635,607	\$14,483,979
2007–08 .....	273,109,306	48,070,012	25,522,915	7,831,530	8,699,329	20,488,319	25,183,379	1,174,836	14,108,986
2008–09 .....	267,385,180	51,840,367	26,092,100	7,403,141	9,600,416	21,358,319	27,301,883	1,036,660	14,165,654
2009–10 .....	303,329,538	55,930,482	28,397,667	6,904,221	9,620,133	22,173,700	29,236,931	1,343,230	14,814,344
2010–11 .....	323,817,821	60,240,671	29,808,728	7,020,373	10,062,621	23,606,433	31,105,677	1,330,334	15,804,536
<b>4-year</b>									
2005–06 .....	202,511,496	34,506,560	25,583,341	5,383,780	7,024,078	16,945,544	22,100,555	635,607	13,753,422
2007–08 .....	223,566,529	40,083,063	23,518,933	5,715,188	8,106,887	18,507,934	25,183,379	1,174,836	13,135,633
2008–09 .....	216,432,317	43,478,018	24,178,064	5,526,583	9,031,844	19,391,219	27,301,883	1,036,660	13,291,611
2009–10 .....	248,104,870	46,943,248	26,272,013	5,301,243	9,062,160	20,099,137	29,236,931	1,343,230	13,894,006
2010–11 .....	265,941,566	51,018,362	27,643,131	5,480,388	9,495,263	21,507,520	31,105,677	1,330,334	14,876,568
<b>2-year</b>									
2005–06 .....	43,653,340	7,264,040	4,750,607	1,824,034	581,998	1,841,262	0	0	730,557
2007–08 .....	49,542,777	7,986,949	2,003,982	2,116,343	592,442	1,980,385	0	0	973,353
2008–09 .....	50,952,862	8,362,349	1,914,036	1,876,558	568,572	1,967,100	0	0	874,043
2009–10 .....	55,224,668	8,987,234	2,125,654	1,602,978	557,973	2,074,563	0	0	920,338
2010–11 .....	57,876,255	9,222,309	2,165,597	1,539,985	567,358	2,098,913	0	0	927,968
Percentage distribution									
<b>All levels</b>									
2005–06 .....	100.00	16.97	12.32	2.93	3.09	7.63	8.98	0.26	5.88
2007–08 .....	100.00	17.60	9.35	2.87	3.19	7.50	9.22	0.43	5.17
2008–09 .....	100.00	19.39	9.76	2.77	3.59	7.99	10.21	0.39	5.30
2009–10 .....	100.00	18.44	9.36	2.28	3.17	7.31	9.64	0.44	4.88
2010–11 .....	100.00	18.60	9.21	2.17	3.11	7.29	9.61	0.41	4.88
<b>4-year</b>									
2005–06 .....	100.00	17.04	12.63	2.66	3.47	8.37	10.91	0.31	6.79
2007–08 .....	100.00	17.93	10.52	2.56	3.63	8.28	11.26	0.53	5.88
2008–09 .....	100.00	20.09	11.17	2.55	4.17	8.96	12.61	0.48	6.14
2009–10 .....	100.00	18.92	10.59	2.14	3.65	8.10	11.78	0.54	5.60
2010–11 .....	100.00	19.18	10.39	2.06	3.57	8.09	11.70	0.50	5.59
<b>2-year</b>									
2005–06 .....	100.00	16.64	10.88	4.18	1.33	4.22	0.00	0.00	1.67
2007–08 .....	100.00	16.12	4.04	4.27	1.20	4.00	0.00	0.00	1.96
2008–09 .....	100.00	16.41	3.76	3.68	1.12	3.86	0.00	0.00	1.72
2009–10 .....	100.00	16.27	3.85	2.90	1.01	3.76	0.00	0.00	1.67
2010–11 .....	100.00	15.93	3.74	2.66	0.98	3.63	0.00	0.00	1.60
Revenue per full-time-equivalent student in constant 2011–12 dollars <sup>3</sup>									
<b>All levels</b>									
2005–06 .....	\$29,979	\$5,087	\$3,694	\$878	\$926	\$2,288	\$2,692	\$77	\$1,764
2007–08 .....	32,036	5,639	2,994	919	1,020	2,403	2,954	138	1,655
2008–09 .....	29,510	5,721	2,880	817	1,060	2,357	3,013	114	1,563
2009–10 .....	31,959	5,893	2,992	727	1,014	2,336	3,080	142	1,561
2010–11 .....	31,627	5,884	2,911	686	983	2,306	3,038	130	1,544
<b>4-year</b>									
2005–06 .....	40,429	6,889	5,107	1,075	1,402	3,383	4,412	127	2,746
2007–08 .....	42,787	7,671	4,501	1,094	1,552	3,542	4,820	225	2,514
2008–09 .....	38,812	7,797	4,336	991	1,620	3,477	4,896	186	2,384
2009–10 .....	42,841	8,106	4,536	915	1,565	3,471	5,048	232	2,399
2010–11 .....	43,275	8,302	4,498	892	1,545	3,500	5,062	216	2,421
<b>2-year</b>									
2005–06 .....	13,633	2,269	1,484	570	182	575	0	0	228
2007–08 .....	15,013	2,420	607	641	180	600	0	0	295
2008–09 .....	14,623	2,400	549	539	163	565	0	0	251
2009–10 .....	14,926	2,429	575	433	151	561	0	0	249
2010–11 .....	14,140	2,253	529	376	139	513	0	0	227

See notes at end of table.

**Table 401. Revenues of public degree-granting institutions, by source of revenue and level of institution: Selected years, 2005–06 through 2010–11—Continued**

Level of institution and year	Nonoperating revenue									Other revenues and additions			
	Appropriations			Nonoperating grants			Gifts	Investment income	Other	Capital appropriations	Capital grants and gifts	Additions to permanent endowments	Other
	Federal	State	Local	Federal	State	Local							
1	11	12	13	14	15	16	17	18	19	20	21	22	23
In thousands of current dollars													
<b>All levels</b>													
2005–06.....	\$1,858,625	\$58,720,088	\$8,249,690	\$2,811,434	\$1,177,322	\$102,497	\$4,975,616	\$9,597,624	\$2,705,351	\$5,421,660	\$2,568,688	\$1,004,691	\$4,046,166
2007–08.....	1,849,775	68,375,062	9,319,219	10,022,315	1,909,570	177,555	6,070,499	5,278,643	2,251,324	7,578,049	3,090,589	1,133,783	4,973,618
2008–09.....	2,010,843	65,486,232	9,787,019	12,760,716	2,720,449	265,789	5,893,912	-9,487,915	3,011,240	7,038,658	2,938,605	843,528	5,317,562
2009–10.....	2,152,228	62,456,235	9,954,504	20,740,102	3,123,358	231,104	5,876,450	10,046,610	5,210,022	6,041,010	3,780,012	869,950	4,427,245
2010–11.....	1,946,965	63,015,552	10,023,205	24,366,180	3,404,970	228,045	6,286,802	14,185,059	5,623,707	5,640,026	3,744,845	965,007	5,408,083
<b>4-year</b>													
2005–06.....	1,720,108	45,591,539	336,424	1,546,322	613,928	33,269	4,713,701	8,927,767	2,330,293	3,680,390	2,250,167	986,771	3,847,930
2007–08.....	1,776,452	53,268,648	453,280	5,177,569	1,201,394	103,824	5,798,732	4,430,479	1,770,108	5,637,968	2,762,277	1,120,806	4,639,141
2008–09.....	1,934,958	50,863,465	484,689	6,425,434	1,729,985	131,427	5,635,304	-9,958,068	2,601,770	4,987,773	2,554,107	830,264	4,975,326
2009–10.....	2,006,623	48,721,670	431,615	10,318,977	2,088,155	134,608	5,646,279	9,666,292	4,595,894	4,003,617	3,312,753	853,705	4,172,713
2010–11.....	1,853,109	48,977,437	507,010	11,849,748	2,320,005	130,451	6,061,073	13,771,423	4,783,422	3,880,567	3,249,730	943,748	5,156,596
<b>2-year</b>													
2005–06.....	138,517	13,128,549	7,913,266	1,265,113	563,394	69,228	261,914	669,858	375,058	1,741,270	318,521	17,920	198,236
2007–08.....	73,324	15,106,414	8,865,938	4,844,746	708,176	73,731	271,766	848,164	481,216	1,940,082	328,312	12,978	334,477
2008–09.....	75,885	14,622,766	9,302,330	6,335,282	990,464	134,362	258,608	470,153	409,470	2,050,885	384,498	13,263	342,236
2009–10.....	145,606	13,734,565	9,522,890	10,421,125	1,035,203	96,496	230,170	380,318	614,128	2,037,393	467,258	16,245	254,532
2010–11.....	93,856	14,038,114	9,516,195	12,516,431	1,084,965	97,594	225,730	413,636	840,284	1,759,459	495,115	21,258	251,487
Percentage distribution													
<b>All levels</b>													
2005–06.....	0.76	23.85	3.35	1.14	0.48	0.04	2.02	3.90	1.10	2.20	1.04	0.41	1.64
2007–08.....	0.68	25.04	3.41	3.67	0.70	0.07	2.22	1.93	0.82	2.77	1.13	0.42	1.82
2008–09.....	0.75	24.49	3.66	4.77	1.02	0.10	2.20	-3.55	1.13	2.63	1.10	0.32	1.99
2009–10.....	0.71	20.59	3.28	6.84	1.03	0.08	1.94	3.31	1.72	1.99	1.25	0.29	1.46
2010–11.....	0.60	19.46	3.10	7.52	1.05	0.07	1.94	4.38	1.74	1.74	1.16	0.30	1.67
<b>4-year</b>													
2005–06.....	0.85	22.51	0.17	0.76	0.30	0.02	2.33	4.41	1.15	1.82	1.11	0.49	1.90
2007–08.....	0.79	23.83	0.20	2.32	0.54	0.05	2.59	1.98	0.79	2.52	1.24	0.50	2.08
2008–09.....	0.89	23.50	0.22	2.97	0.80	0.06	2.60	-4.60	1.20	2.30	1.18	0.38	2.30
2009–10.....	0.81	19.64	0.17	4.16	0.84	0.05	2.28	3.90	1.85	1.61	1.34	0.34	1.68
2010–11.....	0.70	18.42	0.19	4.46	0.87	0.05	2.28	5.18	1.80	1.46	1.22	0.35	1.94
<b>2-year</b>													
2005–06.....	0.32	30.07	18.13	2.90	1.29	0.16	0.60	1.53	0.86	3.99	0.73	0.04	0.45
2007–08.....	0.15	30.49	17.90	9.78	1.43	0.15	0.55	1.71	0.97	3.92	0.66	0.03	0.68
2008–09.....	0.15	28.70	18.26	12.43	1.94	0.26	0.51	0.92	0.80	4.03	0.75	0.03	0.67
2009–10.....	0.26	24.87	17.24	18.87	1.87	0.17	0.42	0.69	1.11	3.69	0.85	0.03	0.46
2010–11.....	0.16	24.26	16.44	21.63	1.87	0.17	0.39	0.71	1.45	3.04	0.86	0.04	0.43
Revenue per full-time-equivalent student in constant 2011–12 dollars <sup>3</sup>													
<b>All levels</b>													
2005–06.....	\$226	\$7,151	\$1,005	\$342	\$143	\$12	\$606	\$1,169	\$329	\$660	\$313	\$122	\$493
2007–08.....	217	8,020	1,093	1,176	224	21	712	619	264	889	363	133	583
2008–09.....	222	7,227	1,080	1,408	300	29	650	-1,047	332	777	324	93	587
2009–10.....	227	6,580	1,049	2,185	329	24	619	1,059	549	636	398	92	466
2010–11.....	190	6,155	979	2,380	333	22	614	1,385	549	551	366	94	528
<b>4-year</b>													
2005–06.....	343	9,102	67	309	123	7	941	1,782	465	735	449	197	768
2007–08.....	340	10,195	87	991	230	20	1,110	848	339	1,079	529	215	888
2008–09.....	347	9,121	87	1,152	310	24	1,011	-1,786	467	894	458	149	892
2009–10.....	346	8,413	75	1,782	361	23	975	1,669	794	691	572	147	721
2010–11.....	302	7,970	83	1,928	378	21	986	2,241	778	631	529	154	839
<b>2-year</b>													
2005–06.....	43	4,100	2,471	395	176	22	82	209	117	544	99	6	62
2007–08.....	22	4,578	2,687	1,468	215	22	82	257	146	588	99	4	101
2008–09.....	22	4,197	2,670	1,818	284	39	74	135	118	589	110	4	98
2009–10.....	39	3,712	2,574	2,817	280	26	62	103	166	551	126	4	69
2010–11.....	23	3,430	2,325	3,058	265	24	55	101	205	430	121	5	61

<sup>1</sup>After deducting discounts and allowances.

<sup>2</sup>Includes sales and services of educational activities.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to

either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2006 through Spring 2012, Finance and Enrollment components. (This table was prepared November 2012.)

**Table 402. Revenues of public degree-granting institutions, by source of revenue and state or jurisdiction: 2010–11**  
[In thousands of current dollars]

State or jurisdiction	Total revenues	Operating revenue							Nonoperating revenue <sup>1</sup>			Other revenues and additions
		Total	Tuition and fees <sup>2</sup>	Federal grants and contracts	State, local, and private grants and contracts	Sales and services of auxiliary enterprises <sup>2</sup>	Sales and services of hospitals	Independent operations and other <sup>3</sup>	Total	State appropriations	Local appropriations	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States.....</b>	<b>\$323,817,821</b>	<b>\$178,979,374</b>	<b>\$60,240,671</b>	<b>\$29,808,728</b>	<b>\$17,082,994</b>	<b>\$23,606,433</b>	<b>\$31,105,677</b>	<b>\$17,134,870</b>	<b>\$129,080,485</b>	<b>\$63,015,552</b>	<b>\$10,023,205</b>	<b>\$15,757,961</b>
Alabama.....	7,061,371	4,775,199	1,315,917	768,169	273,882	755,423	1,328,100	333,709	2,092,590	1,281,923	1,204	193,583
Alaska.....	933,674	360,889	116,803	110,787	66,519	39,868	0	26,911	455,576	346,644	9,681	117,209
Arizona.....	5,406,400	2,601,499	1,382,320	558,816	162,053	372,390	0	125,919	2,739,629	1,006,196	746,962	65,271
Arkansas.....	3,627,870	2,186,379	396,452	256,466	181,764	238,500	868,685	244,509	1,370,586	753,573	30,375	70,908
California.....	43,771,386	23,730,000	5,294,304	3,909,349	2,442,031	1,787,495	6,523,699	3,773,123	17,436,153	9,338,728	2,490,105	2,605,232
Colorado.....	5,340,674	4,364,646	1,559,832	961,621	595,820	464,434	422,491	360,447	804,059	33,667	82,141	171,969
Connecticut.....	2,957,975	1,660,790	573,935	184,121	99,013	261,333	266,254	276,135	1,241,688	1,018,015	0	55,496
Delaware.....	1,346,612	772,242	387,647	134,137	48,281	115,576	0	86,601	561,675	214,445	0	12,695
District of Columbia.....	179,633	68,450	28,756	16,958	10,440	436	0	11,859	96,691	66,420	0	14,493
Florida.....	11,275,449	4,816,147	1,843,934	1,064,483	996,156	758,547	0	153,027	5,683,339	3,243,232	0	775,962
Georgia.....	7,517,554	3,977,505	1,637,750	692,327	476,858	752,393	196,852	221,324	3,063,048	1,938,523	23	477,002
Hawaii.....	1,631,285	796,195	225,027	368,061	62,722	91,060	0	49,325	602,728	359,077	0	232,362
Idaho.....	1,240,745	589,797	263,014	126,456	47,066	114,642	0	38,618	580,065	312,809	13,398	70,883
Illinois.....	11,179,395	5,735,567	2,253,166	858,332	390,339	909,162	601,791	722,776	5,347,017	1,789,707	1,001,566	96,812
Indiana.....	6,770,464	3,997,530	2,037,133	615,320	271,830	713,708	0	359,539	2,680,943	1,431,488	7,951	91,991
Iowa.....	4,752,473	3,334,182	754,875	603,914	156,006	444,447	1,065,744	309,195	1,337,176	731,485	107,022	81,116
Kansas.....	3,259,553	1,830,006	720,719	387,655	172,533	298,804	0	250,295	1,353,566	741,285	228,630	75,981
Kentucky.....	5,383,272	3,305,914	899,179	478,461	260,276	282,659	1,005,561	379,778	1,848,856	971,263	18,261	228,502
Louisiana.....	4,342,000	2,340,759	697,479	335,569	456,237	326,521	315,557	209,395	1,830,724	1,018,696	0	170,518
Maine.....	928,947	504,454	210,601	74,973	67,081	96,664	0	55,135	391,852	252,786	0	32,641
Maryland.....	6,248,811	3,615,614	1,460,145	833,396	393,155	605,746	0	323,172	2,243,809	1,392,864	319,337	389,387
Massachusetts.....	4,550,848	2,866,493	1,098,581	442,698	237,243	394,611	0	693,360	1,545,246	1,034,211	0	139,109
Michigan.....	15,038,480	9,096,292	3,321,279	1,422,055	428,004	1,034,544	2,411,131	479,280	5,695,248	1,713,747	551,945	246,939
Minnesota.....	5,297,262	2,766,245	1,205,536	491,723	325,321	590,713	0	152,952	2,279,356	1,206,301	0	251,661
Mississippi.....	4,023,249	2,166,463	493,031	452,730	167,889	261,884	668,734	122,195	1,653,408	868,311	58,179	203,378
Missouri.....	4,842,364	2,875,331	942,673	275,157	178,810	732,499	616,483	129,709	1,886,933	904,594	148,970	80,100
Montana.....	1,008,519	647,425	269,752	176,881	35,384	84,977	0	80,430	325,044	173,250	8,151	36,051
Nebraska.....	2,372,403	1,219,057	372,097	249,955	175,371	276,429	27,653	117,552	1,075,305	621,957	120,979	78,041
Nevada.....	1,549,690	709,208	328,805	147,151	78,117	93,802	0	61,332	826,969	539,712	0	13,512
New Hampshire.....	1,011,894	686,123	332,173	61,969	70,101	195,452	0	26,427	234,187	131,878	7	91,585
New Jersey.....	7,169,289	4,450,655	1,921,021	461,771	450,959	539,213	888,477	189,215	2,607,003	1,495,505	211,638	111,631
New Mexico.....	3,437,062	1,861,856	259,413	418,514	192,667	121,193	628,888	241,182	1,456,312	724,046	120,930	118,895
New York.....	15,088,288	7,176,619	2,287,135	831,872	978,224	889,985	2,011,711	177,693	7,207,602	4,247,113	762,484	704,067
North Carolina.....	10,649,043	4,080,044	1,397,544	824,967	333,739	1,322,074	0	201,719	5,854,554	3,434,423	196,168	714,445
North Dakota.....	1,085,482	655,231	258,447	169,998	49,400	105,442	0	71,945	367,638	268,488	2,459	62,613
Ohio.....	13,019,806	8,354,140	3,213,442	796,495	546,609	982,746	2,349,051	465,798	4,354,212	1,888,347	163,891	311,454
Oklahoma.....	3,979,507	2,229,746	711,322	268,961	305,813	419,810	69,036	454,804	1,598,069	924,623	49,857	151,692
Oregon.....	5,723,038	3,865,483	1,041,237	640,641	129,786	441,711	1,316,947	295,161	1,717,902	537,918	206,762	139,653
Pennsylvania.....	12,951,463	9,097,027	3,609,914	1,313,534	325,974	955,300	2,311,243	581,062	3,760,824	1,401,316	117,967	93,612
Rhode Island.....	744,569	503,189	261,165	78,031	33,863	101,030	0	29,100	200,280	137,071	0	41,099
South Carolina.....	4,110,622	2,626,052	1,212,011	434,041	337,224	369,569	0	273,207	1,311,920	480,329	62,799	172,650
South Dakota.....	825,968	490,290	195,540	141,597	38,724	60,921	0	53,507	255,629	157,444	0	80,048
Tennessee.....	4,532,732	2,028,657	887,065	345,884	302,878	291,506	0	201,325	2,311,854	1,250,509	5,327	192,221
Texas.....	31,676,209	13,143,332	4,271,691	2,244,736	2,046,450	1,177,768	1,774,837	1,627,851	14,353,611	5,179,075	1,377,390	4,179,265
Utah.....	4,640,993	3,250,856	597,444	418,062	144,611	200,976	1,178,146	711,617	1,276,343	661,823	0	113,794
Vermont.....	842,124	636,439	330,652	141,310	40,046	101,704	0	22,727	193,556	72,466	0	12,130
Virginia.....	9,483,831	5,571,497	2,092,672	859,035	184,406	1,091,172	1,064,876	279,336	3,361,706	1,516,128	3,737	550,629
Washington.....	8,203,665	5,304,335	1,449,758	1,304,952	619,367	507,411	1,063,827	359,021	2,476,011	1,329,108	0	423,319
West Virginia.....	1,810,683	1,097,945	489,514	171,503	174,510	206,768	0	55,649	623,520	395,050	316	89,219
Wisconsin.....	6,453,819	3,518,077	1,257,677	692,624	453,930	476,635	0	637,212	2,647,595	1,151,462	757,773	288,147
Wyoming.....	809,196	308,663	71,806	88,484	63,638	53,024	0	31,712	482,199	326,523	38,818	18,334
U.S. Service Academies.....	1,730,181	332,846	1,284	102,029	3,872	95,757	129,904	0	1,378,678	0	0	18,657
<b>Other jurisdictions.....</b>	<b>1,794,951</b>	<b>513,557</b>	<b>113,603</b>	<b>219,516</b>	<b>55,049</b>	<b>15,244</b>	<b>71,466</b>	<b>38,680</b>	<b>1,258,708</b>	<b>883,692</b>	<b>46,944</b>	<b>22,686</b>
American Samoa.....	28,586	18,398	3,400	14,284	0	714	0	0	10,188	0	0	0
Federated States of Micronesia.....	21,751	5,432	998	1,324	1,149	1,799	0	162	16,319	0	0	0
Guam.....	138,602	61,337	12,480	35,754	3,902	2,683	0	6,518	75,649	31,936	15,700	1,616
Marshall Islands.....	16,984	1,635	335	0	250	721	0	329	15,350	2,000	0	0
Northern Marianas.....	23,626	15,686	2,144	12,305	0	1,223	0	13	7,940	4,385	0	0
Palau.....	14,019	7,107	2,539	3,649	200	291	0	429	6,483	2,039	0	429
Puerto Rico.....	1,469,623	365,594	78,166	135,017	47,091	3,069	71,466	30,786	1,087,380	843,332	1,824	16,649
U.S. Virgin Islands.....	81,759	38,367	13,541	17,183	2,457	4,745	0	442	39,399	0	29,420	3,992

<sup>1</sup>Includes other categories not separately shown.<sup>2</sup>After deducting discounts and allowances.<sup>3</sup>Includes sales and services of educational activities.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial

Accounting Standards Board (FASB) questionnaire. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 403. Revenues of public degree-granting institutions, by source of revenue and state or jurisdiction: 2009–10**  
[In thousands of current dollars]

State or jurisdiction	Total revenues	Operating revenue							Nonoperating revenue <sup>1</sup>			Other revenues and additions
		Total	Tuition and fees <sup>2</sup>	Federal grants and contracts	State, local, and private grants and contracts	Sales and services of auxiliary enterprises <sup>2</sup>	Sales and services of hospitals	Independent operations and other <sup>3</sup>	Total	State appropriations	Local appropriations	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States ....</b>	<b>\$303,329,538</b>	<b>\$168,420,707</b>	<b>\$55,930,482</b>	<b>\$28,397,667</b>	<b>\$16,524,354</b>	<b>\$22,173,700</b>	<b>\$29,236,931</b>	<b>\$16,157,574</b>	<b>\$119,790,614</b>	<b>\$62,456,235</b>	<b>\$9,954,504</b>	<b>\$15,118,217</b>
Alabama .....	6,934,719	4,451,647	1,226,737	736,601	263,018	336,523	1,228,813	659,955	2,267,669	1,289,317	1,124	215,403
Alaska .....	818,312	362,641	106,824	127,332	70,151	39,799	0	18,535	395,617	334,826	8,993	60,054
Arizona .....	5,117,042	2,393,601	1,252,017	507,129	162,600	364,114	0	107,741	2,662,330	1,011,599	734,888	61,111
Arkansas .....	3,457,956	2,103,967	407,190	235,187	167,676	230,953	834,153	228,809	1,257,748	753,337	30,776	96,241
California .....	39,822,628	21,840,952	4,799,602	3,649,014	2,448,579	1,782,844	5,882,111	3,278,802	16,331,226	8,849,101	2,447,042	1,650,450
Colorado .....	5,038,154	3,808,206	1,373,687	870,273	425,054	442,898	375,345	320,948	1,052,576	31,950	96,324	177,372
Connecticut .....	3,073,384	1,588,636	552,618	175,930	101,008	246,931	247,226	264,924	1,166,113	992,343	0	318,635
Delaware .....	1,102,276	673,779	355,928	138,663	49,004	111,603	0	18,580	418,966	219,409	0	9,531
District of Columbia ...	134,971	61,381	26,696	17,418	11,661	910	0	4,696	72,118	62,070	0	1,473
Florida .....	10,345,096	4,584,040	1,712,699	1,053,872	940,012	732,924	0	144,533	5,225,242	3,075,209	0	535,813
Georgia .....	6,952,343	3,613,145	1,439,381	628,951	448,080	706,634	201,302	188,797	3,028,759	1,770,643	0	310,439
Hawaii .....	1,541,672	739,792	210,701	347,953	75,678	83,730	0	21,731	582,906	366,836	0	218,974
Idaho .....	1,177,453	539,171	232,922	113,040	48,944	107,442	0	36,824	543,837	324,563	12,900	94,444
Illinois .....	10,777,586	5,513,738	2,132,121	797,439	398,152	904,229	617,642	664,153	5,132,637	1,779,108	967,455	131,211
Indiana .....	6,412,313	3,806,613	1,924,620	576,401	269,052	688,432	0	348,108	2,500,534	1,435,079	6,932	105,166
Iowa .....	4,532,185	3,145,524	701,366	617,268	149,538	430,821	965,672	280,859	1,324,929	781,895	99,099	61,732
Kansas .....	3,068,349	1,694,889	683,065	328,769	175,200	284,970	0	222,885	1,299,341	731,725	229,963	74,119
Kentucky .....	5,109,467	3,117,415	838,262	456,040	221,480	263,142	976,869	361,622	1,724,677	967,970	16,437	267,374
Louisiana .....	4,177,297	2,349,228	626,213	362,566	469,867	322,969	339,625	227,988	1,629,945	1,030,152	0	198,123
Maine .....	878,118	496,093	209,560	70,165	63,188	97,361	0	55,820	359,223	245,705	0	22,802
Maryland .....	5,922,713	3,446,759	1,396,362	759,571	392,687	572,537	0	325,601	2,125,291	1,276,246	328,704	350,664
Massachusetts .....	4,280,525	2,686,203	1,008,631	426,569	231,325	367,090	0	652,587	1,443,776	899,748	0	150,546
Michigan .....	13,617,003	8,811,529	3,168,919	1,369,427	447,378	988,068	2,372,017	465,721	4,587,058	1,786,389	596,436	218,415
Minnesota .....	5,135,056	2,619,417	1,137,773	450,236	298,562	504,876	0	227,970	2,161,249	1,242,407	0	354,390
Mississippi .....	3,879,327	2,104,030	446,609	445,917	163,307	252,459	677,217	118,521	1,607,882	895,859	57,730	167,416
Missouri .....	4,723,802	2,769,484	902,564	255,837	194,118	683,566	600,238	133,162	1,815,614	992,722	146,283	138,704
Montana .....	996,292	626,615	252,111	173,606	37,702	79,349	0	83,847	315,814	174,784	8,105	53,863
Nebraska .....	2,294,745	1,155,984	332,446	224,396	180,463	253,030	25,827	139,822	1,029,221	629,652	122,263	109,540
Nevada .....	1,567,739	695,419	302,887	152,749	88,969	92,384	1,152	57,278	788,321	388,082	0	83,998
New Hampshire .....	920,784	644,681	310,005	63,411	50,544	191,784	0	28,938	195,947	130,868	0	80,157
New Jersey .....	7,040,625	4,333,381	1,783,369	448,449	490,306	507,277	885,584	218,396	2,545,074	1,549,086	211,947	162,170
New Mexico .....	3,347,033	1,803,757	232,645	428,839	198,060	115,356	568,478	260,377	1,375,796	773,235	119,340	167,480
New York .....	14,281,306	6,939,637	2,244,500	828,904	969,998	867,366	1,876,918	151,951	6,736,764	4,350,324	757,504	604,905
North Carolina .....	9,782,673	3,789,967	1,255,177	782,588	300,561	1,297,928	0	153,713	5,402,627	3,375,984	194,949	590,079
North Dakota .....	1,051,135	629,441	248,473	167,076	48,545	99,267	0	66,081	360,402	267,744	185	61,292
Ohio .....	12,101,646	7,890,623	2,984,442	776,602	530,293	930,665	2,253,927	414,695	3,851,978	1,884,232	145,807	359,045
Oklahoma .....	3,933,207	2,083,108	674,335	251,643	281,080	406,543	62,229	407,276	1,531,155	928,324	48,197	318,944
Oregon .....	5,518,943	3,702,490	934,531	678,341	200,721	408,274	1,274,466	206,158	1,622,696	666,799	203,681	193,757
Pennsylvania .....	11,983,919	8,645,682	3,402,627	1,229,630	421,982	924,537	2,111,772	555,135	3,250,155	1,420,760	118,747	88,082
Rhode Island .....	700,705	482,080	252,267	122,600	30,837	97,192	0	29,525	186,491	137,159	0	32,133
South Carolina .....	3,955,305	2,427,029	1,101,061	398,682	331,129	350,639	0	245,518	1,349,605	604,283	61,419	178,672
South Dakota .....	802,946	462,689	179,463	136,307	36,950	53,919	0	56,051	256,809	163,817	0	83,448
Tennessee .....	4,219,730	1,887,572	812,733	350,507	210,057	277,466	0	236,809	2,099,195	1,089,782	5,184	232,962
Texas .....	29,111,456	12,202,024	3,950,738	2,213,193	1,813,943	1,116,490	1,587,643	1,520,018	12,895,120	5,445,771	1,384,512	4,014,311
Utah .....	4,378,097	3,052,556	555,723	375,247	127,579	184,505	1,092,663	716,840	1,166,209	658,038	0	159,332
Vermont .....	786,823	604,201	320,259	128,881	32,984	99,276	0	22,801	161,741	76,575	0	20,881
Virginia .....	8,470,275	5,092,324	1,886,662	793,865	199,273	1,044,065	1,031,626	136,833	2,679,725	1,433,589	2,289	698,227
Washington .....	7,719,841	4,937,740	1,307,996	1,177,320	605,707	504,856	1,029,057	312,804	2,388,154	1,367,777	0	393,946
West Virginia .....	1,690,820	1,046,188	466,775	153,156	172,516	98,126	0	155,615	586,282	393,821	451	58,349
Wisconsin .....	6,159,391	3,344,058	1,192,301	677,335	426,668	477,898	0	569,857	2,470,796	1,099,243	739,123	344,537
Wyoming .....	719,082	271,356	72,563	62,284	51,593	53,550	0	31,366	426,446	300,301	49,716	21,279
U.S. Service Academies .....	1,765,275	348,225	1,324	134,828	577	94,137	117,360	0	1,400,825	0	0	16,224
<b>Other jurisdictions.</b>	<b>1,783,574</b>	<b>410,795</b>	<b>79,678</b>	<b>186,419</b>	<b>54,638</b>	<b>15,624</b>	<b>51,404</b>	<b>23,032</b>	<b>1,351,344</b>	<b>901,837</b>	<b>50,593</b>	<b>21,435</b>
American Samoa .....	19,642	8,985	2,854	5,340	0	791	0	0	10,657	0	0	0
Federated States of Micronesia .....	25,176	6,570	568	2,993	1,080	1,513	0	415	18,606	0	0	0
Guam .....	124,572	53,285	14,124	27,475	2,249	2,989	0	6,448	68,987	33,072	16,516	2,299
Marshall Islands .....	15,043	1,498	591	0	0	636	0	272	8,545	2,000	0	5,000
Northern Marianas .....	17,183	10,455	1,386	7,839	0	1,204	0	26	6,728	5,323	0	0
Palau .....	12,785	5,705	1,580	3,272	300	284	0	269	6,811	2,310	0	269
Puerto Rico .....	1,479,889	277,071	46,115	113,888	46,866	3,768	51,404	15,030	1,192,143	859,133	2,651	10,675
U.S. Virgin Islands .....	89,285	47,226	12,460	25,611	4,144	4,438	0	573	38,867	0	31,427	3,192

<sup>1</sup>Includes other categories not separately shown.

<sup>2</sup>After deducting discounts and allowances.

<sup>3</sup>Includes sales and services of educational activities.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial

Accounting Standards Board (FASB) questionnaire. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Finance component. (This table was prepared November 2011.)

**Table 404. Appropriations from state and local governments for public degree-granting institutions, by state or jurisdiction: Selected years, 1990–91 through 2010–11**

[In thousands of current dollars]

State or jurisdiction	State appropriations						Local appropriations					
	1990–91	2000–01	2005–06	2008–09	2009–10	2010–11	1990–91	2000–01	2005–06	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States ....</b>	<b>\$35,898,653</b>	<b>\$56,268,990</b>	<b>\$58,720,088</b>	<b>\$65,486,232</b>	<b>\$62,456,235</b>	<b>\$63,015,552</b>	<b>\$3,159,789</b>	<b>\$5,582,287</b>	<b>\$8,249,690</b>	<b>\$9,787,019</b>	<b>\$9,954,504</b>	<b>\$10,023,205</b>
Alabama .....	708,191	991,302	1,302,342	1,422,961	1,289,317	1,281,923	6,796	4,829	733	13,011	1,124	1,204
Alaska .....	168,395	190,650	252,512	320,770	334,826	346,644	260	10,340	0	8,005	8,993	9,681
Arizona .....	591,656	903,196	1,015,117	1,062,586	1,011,599	1,006,196	149,337	310,762	562,474	706,572	734,888	746,962
Arkansas .....	315,372	583,794	639,745	742,037	753,337	753,573	216	9,496	23,269	27,823	30,776	30,375
California .....	5,313,052	7,891,669	8,275,470	8,521,074	8,849,101	9,338,728	771,160	1,764,717	2,218,323	2,473,159	2,447,042	2,490,105
Colorado .....	423,710	655,037	15,436	36,200	31,950	33,667	22,400	36,840	54,422	74,301	96,324	82,141
Connecticut .....	363,427	664,356	814,255	989,310	992,343	1,018,015	0	0	0	0	0	0
Delaware .....	115,729	193,695	218,634	223,207	219,409	214,445	0	0	0	0	0	0
District of Columbia ...	0	3,019	6,554	7,671	62,070	66,420	73,495	46,933	61,266	62,070	0	0
Florida .....	1,638,218	2,656,376	3,186,756	3,396,175	3,075,209	3,243,232	1,850	2	0	0	0	0
Georgia .....	915,303	1,826,961	1,959,504	2,139,000	1,770,643	1,938,523	25,705	21,615	0	0	0	23
Hawaii .....	304,131	395,884	430,451	585,499	366,836	359,077	0	0	0	0	0	0
Idaho .....	177,918	290,746	338,143	376,123	324,563	312,809	6,161	11,148	7,633	12,188	12,900	13,398
Illinois .....	1,296,895	1,760,300	1,602,641	1,749,634	1,779,108	1,789,707	284,635	520,136	768,509	922,697	967,455	1,001,566
Indiana .....	886,124	1,257,919	1,338,901	1,463,735	1,435,079	1,431,488	1,507	6,190	7,379	9,486	6,932	7,951
Iowa .....	544,945	813,805	798,961	893,101	781,895	731,485	21,624	36,129	73,502	90,427	99,099	107,022
Kansas .....	437,413	664,201	725,777	772,802	731,725	741,285	87,026	160,873	211,593	230,758	229,963	228,630
Kentucky .....	617,915	939,047	1,014,939	1,028,163	967,970	971,263	4,682	14,930	12,035	14,494	16,437	18,261
Louisiana .....	566,798	834,643	1,084,984	1,447,049	1,030,152	1,018,696	1,462	517	0	0	0	0
Maine .....	174,737	212,144	231,890	250,552	245,705	252,786	0	0	0	0	0	0
Maryland .....	724,223	999,723	1,078,966	1,382,428	1,276,246	1,392,864	117,913	185,034	253,486	331,231	328,704	319,337
Massachusetts .....	471,368	1,038,998	1,039,187	1,068,344	899,748	1,034,211	0	0	0	0	0	0
Michigan .....	1,326,884	1,991,098	1,771,921	1,825,548	1,786,389	1,713,747	159,202	288,112	535,401	605,773	596,436	551,945
Minnesota .....	744,381	1,174,797	1,194,106	1,367,277	1,242,407	1,206,301	2,040	0	0	0	0	0
Mississippi .....	365,574	758,242	774,001	984,810	895,859	868,311	25,670	38,167	57,539	55,670	57,730	58,179
Missouri .....	563,430	945,746	868,899	986,891	992,722	904,594	38,097	101,562	128,638	146,038	146,283	148,970
Montana .....	110,199	137,341	154,770	196,192	174,784	173,250	3,310	4,069	6,283	8,017	8,105	8,151
Nebraska .....	318,482	514,235	532,258	633,652	629,652	621,957	36,569	19,892	78,470	100,596	122,263	120,979
Nevada .....	161,581	333,117	524,701	608,062	388,082	539,712	0	0	0	0	0	0
New Hampshire .....	71,226	96,157	114,557	131,584	130,868	131,878	6	0	0	0	0	7
New Jersey .....	854,989	1,246,554	1,644,413	1,527,419	1,549,086	1,495,505	145,010	172,667	195,502	216,991	211,947	211,638
New Mexico .....	307,083	538,822	679,588	824,101	773,235	724,046	34,364	60,183	92,644	113,956	119,340	120,930
New York .....	2,313,128	4,461,671	3,500,566	4,414,596	4,350,324	4,247,113	372,650	431,415	622,550	730,623	757,504	762,484
North Carolina .....	1,351,111	2,221,600	2,815,090	3,301,440	3,375,984	3,434,423	62,785	113,448	156,171	196,114	194,949	196,168
North Dakota .....	129,986	188,047	195,040	243,119	267,744	268,488	9	21	1,786	2,131	185	2,459
Ohio .....	1,360,141	1,922,571	1,848,717	2,131,926	1,884,232	1,888,347	63,899	101,647	126,530	144,413	145,807	163,891
Oklahoma .....	473,898	754,540	782,847	953,077	928,324	924,623	12,822	28,367	38,081	44,518	48,197	49,857
Oregon .....	377,476	640,347	657,011	565,110	666,799	537,918	118,499	106,436	161,438	180,757	203,681	206,762
Pennsylvania .....	962,121	1,331,544	1,371,792	1,437,979	1,420,760	1,401,316	62,794	94,338	111,721	116,313	118,747	117,967
Rhode Island .....	113,614	157,137	172,703	147,023	137,159	137,071	0	0	0	0	0	0
South Carolina .....	578,794	853,139	715,967	664,787	604,283	480,329	18,670	36,060	50,592	59,937	61,419	62,799
South Dakota .....	81,859	129,680	153,928	167,323	163,817	157,444	0	0	0	0	0	0
Tennessee .....	663,536	969,316	1,081,753	1,168,300	1,089,782	1,250,509	1,779	3,824	4,326	4,971	5,184	5,327
Texas .....	2,627,916	4,236,852	4,658,611	5,427,478	5,445,771	5,179,075	210,934	439,342	971,351	1,327,613	1,384,512	1,377,390
Utah .....	304,738	531,975	669,271	724,434	658,038	661,823	0	0	0	0	0	0
Vermont .....	40,997	53,605	63,740	68,624	76,575	72,466	4	0	0	0	0	0
Virginia .....	886,208	1,395,308	1,482,002	1,656,467	1,433,589	1,516,128	973	1,570	1,934	1,834	2,289	3,737
Washington .....	828,700	1,200,392	1,315,804	1,572,975	1,367,777	1,329,108	2,470	0	33	0	0	0
West Virginia .....	263,269	382,269	355,870	420,838	393,821	395,050	574	503	0	169	451	316
Wisconsin .....	841,192	1,186,415	1,019,374	1,138,454	1,099,243	1,151,462	197,712	379,648	621,514	716,434	739,123	757,773
Wyoming .....	120,623	149,009	229,620	317,785	300,301	326,523	12,721	20,525	32,562	37,929	49,716	38,818
U.S. Service Academies .....	0	0	0	0	0	0	0	0	0	0	0	0
<b>Other jurisdictions.</b>	<b>337,393</b>	<b>709,473</b>	<b>913,597</b>	<b>1,002,653</b>	<b>901,837</b>	<b>883,692</b>	<b>12,724</b>	<b>20,612</b>	<b>45,878</b>	<b>50,688</b>	<b>50,593</b>	<b>46,944</b>
American Samoa .....	0	0	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	0	40	0	0	0	0	0	3,327	0	0	0	0
Guam .....	28,283	29,122	29,684	32,952	33,072	31,936	10,028	12,826	13,827	15,834	16,516	15,700
Marshall Islands .....	0	1,924	0	2,000	2,000	2,000	0	0	2,000	0	0	0
Northern Marianas .....	0	9,055	7,270	5,563	5,323	4,385	0	0	0	0	0	0
Palau .....	644	2,345	2,385	2,342	2,310	2,039	0	0	0	0	0	0
Puerto Rico .....	277,295	647,623	874,258	959,797	859,133	843,332	2,375	4,459	2,996	3,408	2,651	1,824
U.S. Virgin Islands .....	31,170	19,365	0	0	0	0	320	0	27,055	31,446	31,427	29,420

NOTE: Data for 1990–91 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Includes data for public institutions reporting data according to either the Govern-

mental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance Survey" (IPEDS-F:FY91); and Spring 2001 through Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 405. Total revenue of private nonprofit degree-granting institutions, by source of funds and level of institution: 1999–2000 through 2010–11**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts <sup>2</sup>	Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12
In thousands of current dollars											
<b>All levels</b>											
1999–2000.....	\$120,625,806	\$29,651,812	\$12,191,827	\$1,117,742	\$580,237	\$16,488,984	\$37,763,518	\$2,865,606	\$8,317,607	\$7,208,600	\$4,439,874
2000–01.....	82,174,492	31,318,106	13,378,019	1,176,060	508,365	15,859,313	-3,602,326	3,468,680	8,742,610	7,126,343	4,199,323
2001–02.....	84,346,652	33,499,121	14,790,235	1,303,772	493,158	15,394,353	-6,545,330	3,220,868	9,317,922	8,083,935	4,788,618
2002–03.....	105,672,753	36,019,267	16,625,072	1,514,087	474,889	14,380,351	9,340,400	3,056,259	9,833,972	8,942,047	5,486,409
2003–04.....	134,230,762	38,505,631	18,335,784	1,455,556	485,717	15,847,571	30,896,917	3,290,420	10,325,606	9,657,753	5,429,805
2004–05.....	140,150,716	41,394,424	19,699,204	1,469,912	488,010	16,738,916	30,431,521	3,595,559	10,823,963	10,377,808	5,131,401
2005–06.....	152,744,665	44,263,227	19,683,291	1,558,741	517,109	18,346,525	35,634,520	3,716,409	11,610,762	11,536,658	5,877,423
2006–07.....	182,381,275	47,481,431	20,193,637	1,626,429	538,942	20,193,231	55,907,662	4,105,289	12,291,973	12,636,904	7,405,779
2007–08.....	139,250,857	50,736,003	20,204,523	1,857,422	528,466	20,991,936	6,446,982	4,849,728	12,928,521	13,299,928	7,407,348
2008–09.....	69,064,329	53,707,913	21,023,733	1,816,429	574,856	17,671,730	-64,205,252	4,791,466	13,559,084	14,802,999	5,321,371
2009–10.....	168,689,242	56,355,862	22,913,792	1,721,659	471,425	18,017,260	28,425,581	4,821,825	14,080,329	16,541,461	5,340,417
2010–11.....	207,236,345	60,047,027	24,334,677	1,706,368	459,629	22,100,617	53,571,921	4,992,000	14,797,598	17,521,091	7,705,049
<b>4-year</b>											
1999–2000.....	119,708,625	29,257,523	12,133,829	1,098,961	574,746	16,346,616	37,698,219	2,837,784	8,261,507	7,208,600	4,290,841
2000–01.....	81,568,928	30,996,381	13,318,572	1,156,503	503,002	15,788,869	-3,623,323	3,452,731	8,703,316	7,125,648	4,147,227
2001–02.....	83,764,907	33,165,965	14,708,582	1,280,787	490,596	15,328,974	-6,547,915	3,206,440	9,263,171	8,083,935	4,784,371
2002–03.....	105,064,157	35,676,736	16,515,854	1,487,604	470,126	14,319,622	9,338,684	3,041,307	9,779,275	8,942,047	5,492,904
2003–04.....	133,594,668	38,181,648	18,236,313	1,423,269	480,104	15,789,672	30,854,091	3,277,767	10,287,215	9,657,753	5,406,836
2004–05.....	139,528,763	41,045,608	19,622,002	1,446,643	484,379	16,671,017	30,408,545	3,581,869	10,784,161	10,377,808	5,106,733
2005–06.....	152,150,193	43,944,766	19,607,858	1,530,038	515,776	18,288,085	35,603,805	3,699,630	11,573,115	11,536,658	5,850,463
2006–07.....	181,853,949	47,211,041	20,137,112	1,606,890	537,460	20,143,850	55,857,220	4,097,001	12,253,297	12,636,904	7,373,173
2007–08.....	138,749,560	50,431,352	20,143,833	1,834,505	527,006	20,938,774	6,459,197	4,838,649	12,890,431	13,299,928	7,385,886
2008–09.....	68,617,694	53,408,932	20,964,805	1,795,981	574,235	17,625,407	-64,173,065	4,785,951	13,522,267	14,802,999	5,310,181
2009–10.....	168,169,978	56,056,932	22,843,558	1,708,542	470,530	17,966,413	28,404,786	4,814,426	14,044,652	16,541,461	5,318,679
2010–11.....	206,577,102	59,582,471	24,274,070	1,691,643	458,812	22,061,064	53,555,533	4,987,562	14,762,886	17,521,091	7,681,969
<b>2-year</b>											
1999–2000.....	917,181	394,289	57,998	18,781	5,491	142,368	65,299	27,822	56,100	0	149,033
2000–01.....	605,564	321,724	59,446	19,557	5,363	70,444	20,996	15,949	39,294	694	52,096
2001–02.....	581,745	333,156	81,653	22,985	2,562	65,379	2,585	14,429	54,750	0	4,246
2002–03.....	608,596	342,531	109,217	26,483	4,764	60,729	1,716	14,953	54,697	0	-6,495
2003–04.....	636,094	323,983	99,471	32,287	5,613	57,900	42,826	12,653	38,391	0	22,969
2004–05.....	621,953	348,815	77,202	23,269	3,631	67,899	22,976	13,690	39,802	0	24,668
2005–06.....	594,473	318,460	75,433	28,703	1,333	58,441	30,716	16,778	37,648	0	26,960
2006–07.....	527,327	270,389	56,525	19,539	1,482	49,381	50,442	8,288	38,675	0	32,606
2007–08.....	501,297	304,651	60,689	22,917	1,460	53,162	-12,214	11,080	38,091	0	21,462
2008–09.....	446,635	298,981	58,927	20,448	621	46,323	-32,187	5,515	36,816	0	11,191
2009–10.....	519,264	298,930	70,235	13,117	895	50,847	20,795	7,400	35,677	0	21,368
2010–11.....	659,244	464,556	60,607	14,725	817	39,553	16,388	4,437	34,712	0	23,450
Percentage distribution											
<b>All levels</b>											
1999–2000.....	100.00	24.58	10.11	0.93	0.48	13.67	31.31	2.38	6.90	5.98	3.68
2000–01.....	100.00	38.11	16.28	1.43	0.62	19.30	-4.38	4.22	10.64	8.67	5.11
2001–02.....	100.00	39.72	17.54	1.55	0.58	18.25	-7.76	3.82	11.05	9.58	5.68
2002–03.....	100.00	34.09	15.73	1.43	0.45	13.61	8.84	2.89	9.31	8.46	5.19
2003–04.....	100.00	28.69	13.66	1.08	0.36	11.81	23.02	2.45	7.69	7.19	4.05
2004–05.....	100.00	29.54	14.06	1.05	0.35	11.94	21.71	2.57	7.72	7.40	3.66
2005–06.....	100.00	28.98	12.89	1.02	0.34	12.01	23.33	2.43	7.60	7.55	3.85
2006–07.....	100.00	26.03	11.07	0.89	0.30	11.07	30.65	2.25	6.74	6.93	4.06
2007–08.....	100.00	36.43	14.51	1.33	0.38	15.07	4.63	3.48	9.28	9.55	5.32
2008–09.....	100.00	77.77	30.44	2.63	0.83	25.59	-92.96	6.94	19.63	21.43	7.70
2009–10.....	100.00	33.41	13.58	1.02	0.28	10.68	16.85	2.86	8.35	9.81	3.17
2010–11.....	100.00	28.98	11.74	0.82	0.22	10.66	25.85	2.41	7.14	8.45	3.72
<b>4-year</b>											
1999–2000.....	100.00	24.44	10.14	0.92	0.48	13.66	31.49	2.37	6.90	6.02	3.58
2000–01.....	100.00	38.00	16.33	1.42	0.62	19.36	-4.44	4.23	10.67	8.74	5.08
2001–02.....	100.00	39.59	17.56	1.53	0.59	18.30	-7.82	3.83	11.06	9.65	5.71
2002–03.....	100.00	33.96	15.72	1.42	0.45	13.63	8.89	2.89	9.31	8.51	5.23
2003–04.....	100.00	28.58	13.65	1.07	0.36	11.82	23.10	2.45	7.70	7.23	4.05
2004–05.....	100.00	29.42	14.06	1.04	0.35	11.95	21.79	2.57	7.73	7.44	3.66
2005–06.....	100.00	28.88	12.89	1.01	0.34	12.02	23.40	2.43	7.61	7.58	3.85
2006–07.....	100.00	25.96	11.07	0.88	0.30	11.08	30.72	2.25	6.74	6.95	4.05
2007–08.....	100.00	36.35	14.52	1.32	0.38	15.09	4.66	3.49	9.29	9.59	5.32
2008–09.....	100.00	77.84	30.55	2.62	0.84	25.69	-93.52	6.97	19.71	21.57	7.74
2009–10.....	100.00	33.33	13.58	1.02	0.28	10.68	16.89	2.86	8.35	9.84	3.16
2010–11.....	100.00	28.84	11.75	0.82	0.22	10.68	25.93	2.41	7.15	8.48	3.72

See notes at end of table.

**Table 405. Total revenue of private nonprofit degree-granting institutions, by source of funds and level of institution: 1999–2000 through 2010–11—Continued**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts <sup>2</sup>	Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12
<b>2-year</b>											
1999–2000.....	100.00	42.99	6.32	2.05	0.60	15.52	7.12	3.03	6.12	0.00	16.25
2000–01.....	100.00	53.13	9.82	3.23	0.89	11.63	3.47	2.63	6.49	0.11	8.60
2001–02.....	100.00	57.27	14.04	3.95	0.44	11.24	0.44	2.48	9.41	0.00	0.73
2002–03.....	100.00	56.28	17.95	4.35	0.78	9.98	0.28	2.46	8.99	0.00	-1.07
2003–04.....	100.00	50.93	15.64	5.08	0.88	9.10	6.73	1.99	6.04	0.00	3.61
2004–05.....	100.00	56.08	12.41	3.74	0.58	10.92	3.69	2.20	6.40	0.00	3.97
2005–06.....	100.00	53.57	12.69	4.83	0.22	9.83	5.17	2.82	6.33	0.00	4.54
2006–07.....	100.00	51.28	10.72	3.71	0.28	9.36	9.57	1.57	7.33	0.00	6.18
2007–08.....	100.00	60.77	12.11	4.57	0.29	10.60	-2.44	2.21	7.60	0.00	4.28
2008–09.....	100.00	66.94	13.19	4.58	0.14	10.37	-7.21	1.23	8.24	0.00	2.51
2009–10.....	100.00	57.57	13.53	2.53	0.17	9.79	4.00	1.43	6.87	0.00	4.12
2010–11.....	100.00	70.47	9.19	2.23	0.12	6.00	2.49	0.67	5.27	0.00	3.56
Revenue per full-time-equivalent student in constant 2011–12 dollars <sup>3</sup>											
<b>All levels</b>											
1999–2000.....	\$63,865	\$15,699	\$6,455	\$592	\$307	\$8,730	\$19,994	\$1,517	\$4,404	\$3,817	\$2,351
2000–01.....	41,248	15,720	6,715	590	255	7,961	-1,808	1,741	4,388	3,577	2,108
2001–02.....	40,708	16,168	7,138	629	238	7,430	-3,159	1,554	4,497	3,902	2,311
2002–03.....	48,292	16,461	7,598	692	217	6,572	4,269	1,397	4,494	4,086	2,507
2003–04.....	58,596	16,809	8,004	635	212	6,918	13,488	1,436	4,507	4,216	2,370
2004–05.....	57,982	17,125	8,150	608	202	6,925	12,590	1,488	4,478	4,293	2,123
2005–06.....	60,045	17,400	7,738	613	203	7,212	14,008	1,461	4,564	4,535	2,310
2006–07.....	68,654	17,873	7,601	612	203	7,601	21,045	1,545	4,627	4,757	2,788
2007–08.....	49,308	17,965	7,154	658	187	7,433	2,283	1,717	4,578	4,709	2,623
2008–09.....	23,751	18,470	7,230	625	198	6,077	-22,080	1,648	4,663	5,091	1,830
2009–10.....	56,024	18,716	7,610	572	157	5,984	9,440	1,601	4,676	5,494	1,773
2010–11.....	64,924	18,812	7,624	535	144	6,924	16,783	1,564	4,636	5,489	2,414
<b>4-year</b>											
1999–2000.....	64,737	15,822	6,562	594	311	8,840	20,387	1,535	4,468	3,898	2,320
2000–01.....	41,583	15,802	6,790	590	256	8,049	-1,847	1,760	4,437	3,633	2,114
2001–02.....	41,031	16,246	7,205	627	240	7,509	-3,207	1,571	4,537	3,960	2,344
2002–03.....	48,659	16,523	7,649	689	218	6,632	4,325	1,409	4,529	4,141	2,544
2003–04.....	59,063	16,880	8,062	629	212	6,981	13,641	1,449	4,548	4,270	2,390
2004–05.....	58,426	17,187	8,216	606	203	6,981	12,733	1,500	4,516	4,346	2,138
2005–06.....	60,461	17,463	7,792	608	205	7,267	14,148	1,470	4,599	4,584	2,325
2006–07.....	69,048	17,926	7,646	610	204	7,648	21,209	1,556	4,652	4,798	2,800
2007–08.....	49,571	18,018	7,197	655	188	7,481	2,308	1,729	4,605	4,752	2,639
2008–09.....	23,798	18,523	7,271	623	199	6,113	-22,256	1,660	4,690	5,134	1,842
2009–10.....	56,310	18,770	7,649	572	158	6,016	9,511	1,612	4,703	5,539	1,781
2010–11.....	65,412	18,867	7,686	536	145	6,986	16,958	1,579	4,675	5,548	2,432
<b>2-year</b>											
1999–2000.....	23,147	9,951	1,464	474	139	3,593	1,648	702	1,416	0	3,761
2000–01.....	19,773	10,505	1,941	639	175	2,300	686	521	1,283	23	1,701
2001–02.....	19,074	10,923	2,677	754	84	2,144	85	473	1,795	0	139
2002–03.....	20,973	11,804	3,764	913	164	2,093	59	515	1,885	0	-224
2003–04.....	22,027	11,219	3,445	1,118	194	2,005	1,483	438	1,329	0	795
2004–05.....	21,442	12,026	2,662	802	125	2,341	792	472	1,372	0	850
2005–06.....	21,733	11,642	2,758	1,049	49	2,137	1,123	613	1,376	0	986
2006–07.....	23,097	11,843	2,476	856	65	2,163	2,209	363	1,694	0	1,428
2007–08.....	19,966	12,134	2,417	913	58	2,117	-486	441	1,517	0	855
2008–09.....	18,238	12,209	2,406	835	25	1,892	-1,314	225	1,503	0	457
2009–10.....	21,147	12,174	2,860	534	36	2,071	847	301	1,453	0	870
2010–11.....	19,468	13,718	1,790	435	24	1,168	484	131	1,025	0	692

<sup>1</sup>Includes independent operations.

<sup>2</sup>Includes contributions from affiliated entities.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99) and "Finance Survey" (IPEDS-F:FY99); and Spring 2002 through Spring 2012, Enrollment and Finance components. (This table was prepared November 2012.)

**Table 406. Total revenue of private nonprofit degree-granting institutions, by source of funds and classification of institution: 2010–11**

Classification of institution	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts <sup>1</sup>	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private gifts, grants, and contracts <sup>2</sup>	Investment return (gain or loss)	Educational activities	Auxiliary enterprises (net of allowances)	Hospitals	Other
1	2	3	4	5	6	7	8	9	10	11	12
In thousands of current dollars											
<b>Total</b> .....	<b>\$207,236,345</b>	<b>\$60,047,027</b>	<b>\$24,334,677</b>	<b>\$1,706,368</b>	<b>\$459,629</b>	<b>\$22,100,617</b>	<b>\$53,571,921</b>	<b>\$4,992,000</b>	<b>\$14,797,598</b>	<b>\$17,521,091</b>	<b>\$7,705,419</b>
4-year.....	206,577,102	59,582,471	24,274,070	1,691,643	458,812	22,061,064	53,555,533	4,987,562	14,762,886	17,521,091	7,681,969
Research university, very high <sup>3</sup> .....	103,988,398	12,715,377	18,586,897	744,802	167,041	11,446,570	34,284,932	3,542,023	3,911,618	13,682,803	4,906,334
Research university, high <sup>4</sup> .....	14,075,451	5,689,195	1,257,563	162,847	31,127	1,546,057	2,277,845	659,057	1,395,454	498,054	558,252
Doctoral/research <sup>5</sup> .....	8,838,084	5,437,478	262,853	71,892	12,202	656,844	1,211,187	71,032	909,122	0	205,474
Master's <sup>6</sup> .....	30,902,598	19,210,237	1,096,939	313,809	9,375	1,983,588	3,501,620	151,869	3,832,469	139,097	663,596
Baccalaureate <sup>7</sup> .....	30,779,214	10,938,637	869,392	191,147	2,634	4,162,047	9,877,278	153,703	3,934,166	253	649,957
Special-focus institutions <sup>8</sup> .....	17,993,358	5,591,547	2,200,427	207,146	236,432	2,265,959	2,402,672	409,879	780,056	3,200,885	698,356
Art, music, or design.....	2,233,932	1,296,079	39,992	6,129	3,343	267,437	365,258	18,901	195,750	0	41,042
Business and management.....	654,101	406,023	17,338	433	0	53,739	79,208	4,398	63,373	0	29,589
Engineering or technology.....	235,365	82,118	4,691	757	0	18,739	105,241	666	19,962	0	3,190
Law.....	749,126	579,955	12,484	3,925	378	38,422	89,736	821	17,209	0	6,197
Medical or other health.....	11,329,162	2,476,697	2,001,853	185,462	228,976	1,191,111	1,004,118	360,543	237,952	3,200,885	441,566
Theological.....	2,395,661	556,379	45,717	2,807	963	656,581	737,998	13,060	221,128	0	161,027
Tribal <sup>9</sup> .....	95,601	8,521	68,923	2,538	283	4,478	584	978	2,077	0	7,219
Other special focus.....	300,410	185,775	9,428	5,095	2,489	35,452	20,528	10,511	22,605	0	8,527
2-year.....	659,244	464,556	60,607	14,725	817	39,553	16,388	4,437	34,712	0	23,450
Associate's of arts.....	639,238	463,960	45,350	14,487	321	37,947	16,381	4,418	34,566	0	21,809
Tribal <sup>9</sup> .....	20,006	597	15,257	238	496	1,606	6	19	146	0	1,641
Percentage distribution											
<b>Total</b> .....	<b>100.00</b>	<b>28.98</b>	<b>11.74</b>	<b>0.82</b>	<b>0.22</b>	<b>10.66</b>	<b>25.85</b>	<b>2.41</b>	<b>7.14</b>	<b>8.45</b>	<b>3.72</b>
4-year.....	100.00	28.84	11.75	0.82	0.22	10.68	25.93	2.41	7.15	8.48	3.72
Research university, very high <sup>3</sup> .....	100.00	12.23	17.87	0.72	0.16	11.01	32.97	3.41	3.76	13.16	4.72
Research university, high <sup>4</sup> .....	100.00	40.42	8.93	1.16	0.22	10.98	16.18	4.68	9.91	3.54	3.97
Doctoral/research <sup>5</sup> .....	100.00	61.52	2.97	0.81	0.14	7.43	13.70	0.80	10.29	0.00	2.32
Master's <sup>6</sup> .....	100.00	62.16	3.55	1.02	0.03	6.42	11.33	0.49	12.40	0.45	2.15
Baccalaureate <sup>7</sup> .....	100.00	35.54	2.82	0.62	0.01	13.52	32.09	0.50	12.78	0.00	2.11
Special-focus institutions <sup>8</sup> .....	100.00	31.08	12.23	1.15	1.31	12.59	13.35	2.28	4.34	17.79	3.88
Art, music, or design.....	100.00	58.02	1.79	0.27	0.15	11.97	16.35	0.85	8.76	0.00	1.84
Business and management.....	100.00	62.07	2.65	0.07	0.00	8.22	12.11	0.67	9.69	0.00	4.52
Engineering or technology.....	100.00	34.89	1.99	0.32	0.00	7.96	44.71	0.28	8.48	0.00	1.36
Law.....	100.00	77.42	1.67	0.52	0.05	5.13	11.98	0.11	2.30	0.00	0.83
Medical or other health.....	100.00	21.86	17.67	1.64	2.02	10.51	8.86	3.18	2.10	28.25	3.90
Theological.....	100.00	23.22	1.91	0.12	0.04	27.41	30.81	0.55	9.23	0.00	6.72
Tribal <sup>9</sup> .....	100.00	8.91	72.09	2.66	0.30	4.68	0.61	1.02	2.17	0.00	7.55
Other special focus.....	100.00	61.84	3.14	1.70	0.83	11.80	6.83	3.50	7.52	0.00	2.84
2-year.....	100.00	70.47	9.19	2.23	0.12	6.00	2.49	0.67	5.27	0.00	3.56
Associate's of arts.....	100.00	72.58	7.09	2.27	0.05	5.94	2.56	0.69	5.41	0.00	3.41
Tribal <sup>9</sup> .....	100.00	2.98	76.27	1.19	2.48	8.03	0.03	0.10	0.73	0.00	8.20
Revenue per full-time-equivalent student in current dollars											
<b>Total</b> .....	<b>\$63,076</b>	<b>\$18,276</b>	<b>\$7,407</b>	<b>\$519</b>	<b>\$140</b>	<b>\$6,727</b>	<b>\$16,306</b>	<b>\$1,519</b>	<b>\$4,504</b>	<b>\$5,333</b>	<b>\$2,345</b>
4-year.....	63,550	18,329	7,467	520	141	6,787	16,475	1,534	4,542	5,390	2,363
Research university, very high <sup>3</sup> .....	213,162	26,065	38,101	1,527	342	23,464	70,279	7,261	8,018	28,048	10,057
Research university, high <sup>4</sup> .....	50,543	20,429	4,516	585	112	5,552	8,180	2,367	5,011	1,788	2,005
Doctoral/research <sup>5</sup> .....	33,509	20,616	997	273	46	2,490	4,592	269	3,447	0	779
Master's <sup>6</sup> .....	25,508	15,857	905	259	8	1,637	2,890	125	3,163	115	548
Baccalaureate <sup>7</sup> .....	42,502	15,105	1,201	264	4	5,747	13,639	212	5,433	0	898
Special-focus institutions <sup>8</sup> .....	63,158	19,627	7,724	727	830	7,954	8,434	1,439	2,738	11,235	2,451
Art, music, or design.....	42,208	24,488	756	116	63	5,053	6,901	357	3,698	0	775
Business and management.....	27,238	16,908	722	18	0	2,238	3,298	183	2,639	0	1,232
Engineering or technology.....	16,789	5,858	335	54	0	1,337	7,507	47	1,424	0	228
Law.....	40,956	31,707	683	215	21	2,101	4,906	45	941	0	339
Medical or other health.....	118,029	25,803	20,856	1,932	2,386	12,409	10,461	3,756	2,479	33,347	4,600
Theological.....	34,543	8,022	659	40	14	9,467	10,641	188	3,188	0	2,322
Tribal <sup>9</sup> .....	20,072	1,789	14,471	533	59	940	123	205	436	0	1,516
Other special focus.....	54,206	33,521	1,701	919	449	6,397	3,704	1,897	4,079	0	1,539
2-year.....	18,913	13,328	1,739	422	23	1,135	470	127	996	0	673
Associate's of arts.....	18,688	13,564	1,326	424	9	1,109	479	129	1,011	0	638
Tribal <sup>9</sup> .....	30,731	916	23,437	365	762	2,467	10	29	224	0	2,520

<sup>1</sup>Includes independent operations.

<sup>2</sup>Includes contributions from affiliated entities.

<sup>3</sup>Research universities with a very high level of research activity.

<sup>4</sup>Research universities with a high level of research activity.

<sup>5</sup>Includes institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.

<sup>6</sup>Master's institutions award at least 50 master's degrees per year.

<sup>7</sup>Baccalaureate institutions primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate's degrees.

<sup>8</sup>Special-focus 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>9</sup>Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the Carnegie 2005 classification system used in this table may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component; and Spring 2012, Finance component. (This table was prepared November 2012.)



**Table 407. Total revenue of private for-profit degree-granting institutions, by source of funds and level of institution: Selected years, 1999–2000 through 2010–11**

Level of institution and year	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts	State and local appropriations, grants, and contracts	Private gifts, grants, and contracts	Investment income and gains (losses)	Educational activities	Auxiliary enterprises (net of allowances)	Other
1	2	3	4	5	6	7	8	9	10
In thousands of current dollars									
<b>All levels</b>									
1999–2000.....	\$4,321,985	\$3,721,032	\$198,923	\$71,904	\$2,151	\$18,537	\$70,672	\$156,613	\$82,153
2005–06.....	12,586,553	11,016,780	799,544	67,008	4,108	43,962	195,099	270,433	189,620
2006–07.....	13,978,218	12,329,854	726,002	69,944	3,715	48,802	245,526	312,301	242,073
2007–08.....	16,083,784	14,029,958	959,684	67,926	4,755	64,848	289,640	351,900	315,073
2008–09.....	19,373,779	16,740,041	1,407,615	130,378	80,345	38,707	368,034	395,728	212,930
2009–10.....	24,684,829	22,374,050	1,951,202	114,075	38,299	40,115	435,519	485,216	-753,647
2010–11.....	28,221,419	25,155,815	1,583,146	157,269	31,272	32,859	402,384	542,589	316,084
<b>4-year</b>									
1999–2000.....	2,381,042	2,050,136	103,865	39,460	1,109	10,340	33,764	102,103	40,266
2005–06.....	9,124,105	8,225,732	399,919	31,576	2,851	35,383	160,863	190,409	77,373
2006–07.....	10,307,793	9,227,102	446,632	35,145	2,426	37,052	211,132	217,725	130,579
2007–08.....	12,174,363	10,751,121	644,062	30,688	2,638	50,771	246,419	269,771	178,894
2008–09.....	14,766,008	12,954,629	897,503	80,021	71,601	35,461	327,474	297,764	101,555
2009–10.....	18,983,250	17,321,210	1,226,115	69,168	35,634	35,949	376,427	372,285	-453,538
2010–11.....	21,689,815	19,480,318	1,113,185	118,033	29,118	28,976	346,786	405,572	167,828
<b>2-year</b>									
1999–2000.....	1,940,943	1,670,896	95,058	32,444	1,042	8,197	36,908	54,510	41,888
2005–06.....	3,462,448	2,791,047	399,626	35,431	1,257	8,579	34,236	80,025	112,247
2006–07.....	3,670,424	3,102,752	279,370	34,799	1,289	11,750	34,394	94,576	111,494
2007–08.....	3,909,421	3,278,837	315,622	37,238	2,117	14,077	43,222	82,129	136,178
2008–09.....	4,607,770	3,785,412	510,112	50,358	8,745	3,246	40,560	97,964	111,374
2009–10.....	5,701,579	5,052,841	725,087	44,907	2,664	4,166	59,092	112,930	-300,108
2010–11.....	6,531,603	5,675,497	469,961	39,236	2,154	3,882	55,599	137,018	148,256
Percentage distribution									
<b>All levels</b>									
1999–2000.....	100.00	86.10	4.60	1.66	0.05	0.43	1.64	3.62	1.90
2005–06.....	100.00	87.53	6.35	0.53	0.03	0.35	1.55	2.15	1.51
2006–07.....	100.00	88.21	5.19	0.50	0.03	0.35	1.76	2.23	1.73
2007–08.....	100.00	87.23	5.97	0.42	0.03	0.40	1.80	2.19	1.96
2008–09.....	100.00	86.41	7.27	0.67	0.41	0.20	1.90	2.04	1.10
2009–10.....	100.00	90.64	7.90	0.46	0.16	0.16	1.76	1.97	-3.05
2010–11.....	100.00	89.14	5.61	0.56	0.11	0.12	1.43	1.92	1.12
<b>4-year</b>									
1999–2000.....	100.00	86.10	4.36	1.66	0.05	0.43	1.42	4.29	1.69
2005–06.....	100.00	90.15	4.38	0.35	0.03	0.39	1.76	2.09	0.85
2006–07.....	100.00	89.52	4.33	0.34	0.02	0.36	2.05	2.11	1.27
2007–08.....	100.00	88.31	5.29	0.25	0.02	0.42	2.02	2.22	1.47
2008–09.....	100.00	87.73	6.08	0.54	0.48	0.24	2.22	2.02	0.69
2009–10.....	100.00	91.24	6.46	0.36	0.19	0.19	1.98	1.96	-2.39
2010–11.....	100.00	89.81	5.13	0.54	0.13	0.13	1.60	1.87	0.77
<b>2-year</b>									
1999–2000.....	100.00	86.09	4.90	1.67	0.05	0.42	1.90	2.81	2.16
2005–06.....	100.00	80.61	11.54	1.02	0.04	0.25	0.99	2.31	3.24
2006–07.....	100.00	84.53	7.61	0.95	0.04	0.32	0.94	2.58	3.04
2007–08.....	100.00	83.87	8.07	0.95	0.05	0.36	1.11	2.10	3.48
2008–09.....	100.00	82.15	11.07	1.09	0.19	0.07	0.88	2.13	2.42
2009–10.....	100.00	88.62	12.72	0.79	0.05	0.07	1.04	1.98	-5.26
2010–11.....	100.00	86.89	7.20	0.60	0.03	0.06	0.85	2.10	2.27
Revenue per full-time-equivalent student in constant 2011–12 dollars <sup>1</sup>									
<b>All levels</b>									
1999–2000.....	\$15,105	\$13,005	\$695	\$251	\$8	\$65	\$247	\$547	\$287
2005–06.....	15,984	13,990	1,015	85	5	56	248	343	241
2006–07.....	16,515	14,568	858	83	4	58	290	369	286
2007–08.....	16,776	14,634	1,001	71	5	68	302	367	329
2008–09.....	16,126	13,934	1,172	109	67	32	306	329	177
2009–10.....	16,135	14,625	1,275	75	25	26	285	317	-493
2010–11.....	17,632	15,716	989	98	20	21	251	339	197
<b>4-year</b>									
1999–2000.....	15,331	13,200	669	254	7	67	217	657	259
2005–06.....	15,751	14,200	690	55	5	61	278	329	134
2006–07.....	16,319	14,608	707	56	4	59	334	345	207
2007–08.....	16,586	14,647	877	42	4	69	336	368	244
2008–09.....	15,975	14,015	971	87	77	38	354	322	110
2009–10.....	16,140	14,727	1,042	59	30	31	320	317	-386
2010–11.....	17,800	15,987	914	97	24	24	285	333	138
<b>2-year</b>									
1999–2000.....	14,837	12,773	727	248	8	63	282	417	320
2005–06.....	16,631	13,406	1,919	170	6	41	164	384	539
2006–07.....	17,093	14,449	1,301	162	6	55	160	440	519
2007–08.....	17,396	14,590	1,404	166	9	63	192	365	606
2008–09.....	16,628	13,661	1,841	182	32	12	146	354	402
2009–10.....	16,119	14,285	2,050	127	8	12	167	319	-848
2010–11.....	17,094	14,854	1,230	103	6	10	146	359	388

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.  
NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99); and Spring 2002 through Spring 2012, Enrollment and Finance components. (This table was prepared November 2012.)

**Table 408. Total revenue of private for-profit degree-granting institutions, by source of funds and classification of institution: 2010–11**

Classification of institution	Total	Student tuition and fees (net of allowances)	Federal appropriations, grants, and contracts	State and local appropriations, grants, and contracts	Private gifts, grants, and contracts	Investment income and gains (losses)	Educational activities	Auxiliary enterprises (net of allowances)	Other
1	2	3	4	5	6	7	8	9	10
In thousands of current dollars									
<b>Total</b> .....	<b>\$28,221,419</b>	<b>\$25,155,815</b>	<b>\$1,583,146</b>	<b>\$157,269</b>	<b>\$31,272</b>	<b>\$32,859</b>	<b>\$402,384</b>	<b>\$542,589</b>	<b>\$316,084</b>
4-year.....	21,689,815	19,480,318	1,113,185	118,033	29,118	28,976	346,786	405,572	167,828
Doctoral/research <sup>1</sup> .....	4,471,727	4,199,653	25,165	2,582	0	14,157	204,087	3,641	22,443
Master's <sup>2</sup> .....	6,319,300	5,842,846	298,029	11,124	16,238	521	56,166	83,811	10,566
Baccalaureate <sup>3</sup> .....	2,640,550	2,305,584	204,036	19,516	11,407	2,322	34,611	53,679	9,396
Special-focus institutions <sup>4</sup> .....	8,258,238	7,132,236	585,956	84,812	1,474	11,975	51,922	264,441	125,423
Art, music, or design .....	2,781,799	2,166,327	327,171	57,457	88	1,238	7,076	173,244	49,198
Business and management .....	2,705,681	2,406,603	184,394	17,297	777	6,321	27,584	47,949	14,756
Engineering or technology .....	1,818,277	1,736,213	48,960	7,715	154	2,275	7,160	14,098	1,702
Law .....	174,857	169,662	4,588	0	51	15	365	52	124
Medical or other health .....	596,393	558,947	20,842	2,319	404	129	5,543	5,510	2,700
Other special focus .....	181,231	94,483	0	25	0	1,997	4,194	23,587	56,944
2-year.....	6,531,603	5,675,497	469,961	39,236	2,154	3,882	55,599	137,018	148,256
Percentage distribution									
<b>Total</b> .....	<b>100.00</b>	<b>89.14</b>	<b>5.61</b>	<b>0.56</b>	<b>0.11</b>	<b>0.12</b>	<b>1.43</b>	<b>1.92</b>	<b>1.12</b>
4-year.....	100.00	89.81	5.13	0.54	0.13	0.13	1.60	1.87	0.77
Doctoral/research <sup>1</sup> .....	100.00	93.92	0.56	0.06	0.00	0.32	4.56	0.08	0.50
Master's <sup>2</sup> .....	100.00	92.46	4.72	0.18	0.26	0.01	0.89	1.33	0.17
Baccalaureate <sup>3</sup> .....	100.00	87.31	7.73	0.74	0.43	0.09	1.31	2.03	0.36
Special-focus institutions <sup>4</sup> .....	100.00	86.37	7.10	1.03	0.02	0.15	0.63	3.20	1.52
Art, music, or design .....	100.00	77.88	11.76	2.07	0.00	0.04	0.25	6.23	1.77
Business and management .....	100.00	88.95	6.82	0.64	0.03	0.23	1.02	1.77	0.55
Engineering or technology .....	100.00	95.49	2.69	0.42	0.01	0.13	0.39	0.78	0.09
Law .....	100.00	97.03	2.62	0.00	0.03	0.01	0.21	0.03	0.07
Medical or other health .....	100.00	93.72	3.49	0.39	0.07	0.02	0.93	0.92	0.45
Other special focus .....	100.00	52.13	0.00	0.01	0.00	1.10	2.31	13.01	31.42
2-year.....	100.00	86.89	7.20	0.60	0.03	0.06	0.85	2.10	2.27
Revenue per full-time-equivalent student in current dollars									
<b>Total</b> .....	<b>\$17,130</b>	<b>\$15,269</b>	<b>\$961</b>	<b>\$95</b>	<b>\$19</b>	<b>\$20</b>	<b>\$244</b>	<b>\$329</b>	<b>\$192</b>
4-year.....	17,294	15,532	888	94	23	23	276	323	134
Doctoral/research <sup>1</sup> .....	11,788	11,071	66	7	0	37	538	10	59
Master's <sup>2</sup> .....	16,350	15,117	771	29	42	1	145	217	27
Baccalaureate <sup>3</sup> .....	19,968	17,435	1,543	148	86	18	262	406	71
Special-focus institutions <sup>4</sup> .....	23,189	20,027	1,645	238	4	34	146	743	352
Art, music, or design .....	27,706	21,576	3,258	572	1	12	70	1,725	490
Business and management .....	19,952	17,747	1,360	128	6	47	203	354	109
Engineering or technology .....	20,687	19,753	557	88	2	26	81	160	19
Law .....	36,999	35,900	971	0	11	3	77	11	26
Medical or other health .....	28,035	26,275	980	109	19	6	261	259	127
Other special focus .....	29,146	15,195	0	4	0	321	675	3,793	9,158
2-year.....	16,607	14,431	1,195	100	5	10	141	348	377

<sup>1</sup>Includes institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.

<sup>2</sup>Master's institutions award at least 50 master's degrees per year.

<sup>3</sup>Baccalaureate institutions primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate's degrees.

<sup>4</sup>Special-focus 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid. Further information on the Carnegie 2005 classification system used in this table may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component; and Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 409. Revenue received from the federal government by the 120 degree-granting institutions receiving the largest amounts, by control and rank order: 2010–11**

Institution	Control <sup>1</sup>	Rank order	Revenue from the federal government <sup>2</sup> (in thousands)	Institution	Control <sup>1</sup>	Rank order	Revenue from the federal government <sup>2</sup> (in thousands)
1	2	3	4	1	2	3	4
<b>United States (all institutions) .....</b>	<b>†</b>	<b>†</b>	<b>\$83,370,030</b>				
<b>120 institutions receiving the largest amounts .....</b>	<b>†</b>	<b>†</b>	<b>47,163,185</b>				
Johns Hopkins University (MD) .....	2	1	2,166,644	Oregon Health & Science University .....	1	61	296,891
California Institute of Technology .....	2	2	1,922,622	United States Military Academy (NY) .....	1	62	284,661
University of Chicago (IL) .....	2	3	1,594,682	Purdue University, Main Campus (IN) .....	1	63	281,664
Massachusetts Institute of Technology .....	2	4	1,245,528	University of Miami (FL) .....	2	64	281,472
University of Washington, Seattle Campus .....	1	5	1,137,017	University of California, Irvine .....	1	65	275,355
Stanford University (CA) .....	2	6	1,053,489	University of Kentucky .....	1	66	272,892
University of Pennsylvania .....	2	7	844,300	Boston University (MA) .....	2	67	271,319
Columbia University in the City of New York .....	2	8	839,308	University of Virginia, Main Campus .....	1	68	258,005
New York University .....	2	9	835,234	Indiana University-Purdue University, Indianapolis .....	1	69	254,312
University of Michigan, Ann Arbor .....	1	10	823,833	Princeton University (NJ) .....	2	70	251,652
University of Utah .....	1	11	771,960	George Washington University (DC) .....	2	71	251,439
University of California, San Diego .....	1	12	745,495	University of Massachusetts Medical School, Worcester ...	1	72	246,382
Weill Cornell Medical College (NY) .....	2	13	742,393	Colorado State University, Fort Collins .....	1	73	236,835
University of Pittsburgh, Pittsburgh Campus (PA) .....	1	14	712,508	University of South Florida, Main Campus .....	1	74	232,274
University of California, Los Angeles .....	1	15	709,473	University of Texas Southwestern Medical Center .....	1	75	230,841
Harvard University (MA) .....	2	16	686,228	University of New Mexico, Main Campus .....	1	76	228,051
University of Southern California .....	2	17	667,294	Ashford University (IA) .....	3	77	224,502
University of North Carolina at Chapel Hill .....	1	18	645,657	Iowa State University .....	1	78	224,297
University of California, San Francisco .....	1	19	636,733	Virginia Polytechnic Institute and State University .....	1	79	219,671
United States Air Force Academy (CO) .....	1	20	592,072	Miami-Dade College (FL) .....	1	80	208,477
Duke University (NC) .....	2	21	589,395	University of Cincinnati, Main Campus (OH) .....	1	81	200,212
University of Minnesota, Twin Cities .....	1	22	586,545	University of Texas Health Science Center at Houston .....	1	82	199,554
Yale University (CT) .....	2	23	549,989	Utah State University .....	1	83	198,549
University of Wisconsin, Madison .....	1	24	547,874	University of Kansas .....	1	84	196,730
Washington University in St. Louis (MO) .....	2	25	531,982	Virginia Commonwealth University .....	1	85	193,964
Vanderbilt University (TN) .....	2	26	523,903	Florida State University .....	1	86	192,961
Pennsylvania State University, Main Campus .....	1	27	466,550	Stony Brook University (NY) .....	1	87	192,890
University of Texas at Austin .....	1	28	460,213	Tulane University of Louisiana .....	2	88	184,419
Ohio State University, Main Campus .....	1	29	457,741	Wake Forest University (NC) .....	2	89	183,825
University of Florida .....	1	30	454,146	Mississippi State University .....	1	90	181,069
University of California, Berkeley .....	1	31	450,481	Oregon State University .....	1	91	179,863
Emory University (GA) .....	2	32	449,557	Yeshiva University (NY) .....	2	92	178,309
University of California, Davis .....	1	33	443,365	University of California, Santa Barbara .....	1	93	176,691
United States Naval Academy (MD) .....	1	34	437,841	Portland Community College (OR) .....	1	94	176,318
University of Arizona .....	1	35	433,790	University of Missouri, Columbia .....	1	95	172,778
University of Illinois at Urbana, Champaign .....	1	36	426,581	University of Texas Medical Branch .....	1	96	172,095
Georgia Institute of Technology, Main Campus .....	1	37	422,497	North Carolina State University at Raleigh .....	1	97	170,555
Northwestern University (IL) .....	2	38	418,831	Washington State University .....	1	98	165,349
University of Alabama at Birmingham .....	1	39	414,667	University of Georgia .....	1	99	164,561
University of Oklahoma Health Sciences Center .....	1	40	398,808	University of Nebraska, Lincoln .....	1	100	163,255
University of Maryland, College Park .....	1	41	370,023	University of South Carolina, Columbia .....	1	101	162,877
Cornell University (NY) .....	2	42	369,424	University of Central Florida .....	1	102	160,800
University of Connecticut .....	1	43	366,685	Wayne State University (MI) .....	1	103	158,169
University of Colorado, Boulder .....	1	44	358,015	New Mexico State University, Main Campus .....	1	104	157,875
Case Western Reserve University (OH) .....	2	45	351,397	Louisiana State University and Ag. & Mech. College .....	1	105	157,020
University of Illinois at Chicago .....	1	46	349,310	Brown University (RI) .....	2	106	156,573
Baylor College of Medicine (TX) .....	2	47	346,306	Georgetown University (DC) .....	2	107	155,478
University of Iowa .....	1	48	343,764	Indiana University, Bloomington .....	1	108	153,951
Michigan State University .....	1	49	340,298	University of Texas Health Science Center at San Antonio ..	1	109	148,187
Texas A & M University, College Station .....	1	50	335,176	Florida International University .....	1	110	145,347
Carnegie Mellon University (PA) .....	2	51	333,334	University at Buffalo (NY) .....	1	111	144,632
University of Rochester (NY) .....	2	52	329,223	Kansas State University .....	1	112	142,785
Howard University (DC) .....	2	53	328,608	University of Vermont .....	1	113	138,210
University of Tennessee .....	1	54	327,181	Tufts University (MA) .....	2	114	137,821
University of Colorado, Denver .....	1	55	324,201	West Virginia University .....	1	115	136,411
Arizona State University .....	1	56	322,762	University of California, Santa Cruz .....	1	116	136,232
University of Hawaii at Manoa .....	1	57	313,652	Medical University of South Carolina .....	1	117	136,218
Mount Sinai School of Medicine (NY) .....	2	58	310,952	University of Massachusetts, Amherst .....	1	118	134,933
University of Maryland, Baltimore .....	1	59	306,625	State University of New York at Albany .....	1	119	131,320
Rutgers University, New Brunswick (NJ) .....	1	60	299,492	University of Medicine and Dentistry of New Jersey .....	1	120	129,752

†Not applicable.

<sup>1</sup>Publicly controlled institutions are identified by a "1"; private nonprofit, by a "2"; and private for-profit, by a "3."<sup>2</sup>Includes federal appropriations; operating, nonoperating, unrestricted, and restricted federal contracts and grants; and revenue for independent operations. Independent operations generally include only the revenues associated with major federally funded research and development centers. Pell grants are included for public institutions and may also be included for private nonprofit institutions that do not treat Pell grants as pass-through trans-

actions. American Recovery and Reinvestment Act (ARRA) funds are not included. Data for public, private nonprofit, and private for-profit institutions are only roughly comparable because they were collected using different survey instruments.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 410. Voluntary support for degree-granting institutions, by source and purpose of support: Selected years, 1949–50 through 2010–11**

Year	Total voluntary support, in millions of constant 2011–12 dollars <sup>1</sup>	In millions of current dollars									Voluntary support as a percent of total expenditures <sup>2</sup>
		Total voluntary support	Sources						Purpose		
			Alumni	Nonalumni individuals	Corporations	Foundations	Religious organizations	Other	Current operations	Capital purposes	
1	2	3	4	5	6	7	8	9	10	11	12
1949–50.....	\$2,306	\$240	\$60	\$60	\$28	\$60	\$16	\$16	\$101	\$139	10.7
1959–60.....	6,312	815	191	194	130	163	80	57	385	430	14.6
1965–66.....	10,270	1,440	310	350	230	357	108	85	675	765	11.5
1970–71.....	10,655	1,860	458	495	259	418	104	126	1,050	810	8.0
1975–76.....	9,889	2,410	588	569	379	549	130	195	1,480	930	6.2
1980–81.....	11,112	4,230	1,049	1,007	778	922	140	334	2,590	1,640	6.6
1985–86.....	15,475	7,400	1,825	1,781	1,702	1,363	211	518	4,022	3,378	7.6
1989–90.....	17,564	9,800	2,540	2,230	2,170	1,920	240	700	5,440	4,360	7.3
1990–91.....	17,333	10,200	2,680	2,310	2,230	2,030	240	710	5,830	4,370	7.0
1993–94.....	19,221	12,350	3,410	2,800	2,510	2,540	240	850	6,710	5,640	7.1
1994–95.....	19,291	12,750	3,600	2,940	2,560	2,460	250	940	7,230	5,520	7.0
1995–96.....	20,989	14,250	4,040	3,400	2,800	2,815	255	940	7,850	6,400	7.5
1996–97.....	22,913	16,000	4,650	3,850	3,050	3,200	250	1,000	8,500	7,500	8.0
1997–98.....	25,888	18,400	5,500	4,500	3,250	3,800	300	1,050	9,000	9,400	8.8
1998–99.....	28,214	20,400	5,930	4,810	3,610	4,530	330	1,190	9,900	10,500	9.3
1999–2000.....	31,186	23,200	6,800	5,420	4,150	5,080	370	1,380	11,270	11,930	9.8
2000–01.....	31,452	24,200	6,830	5,200	4,350	6,000	370	1,450	12,200	12,000	9.3
2001–02.....	30,522	23,900	5,900	5,400	4,370	6,300	360	1,570	12,400	11,500	8.5
2002–03.....	29,491	23,600	6,570	4,280	4,250	6,600	360	1,540	12,900	10,700	7.8
2003–04.....	29,838	24,400	6,700	5,200	4,400	6,200	350	1,550	13,600	10,800	7.7
2004–05.....	30,391	25,600	7,100	5,000	4,400	7,000	370	1,730	14,200	11,400	7.6
2005–06.....	32,020	28,000	8,400	5,700	4,600	7,100	375	1,825	15,000	13,000	7.9
2006–07.....	33,164	29,750	8,270	5,650	4,800	8,500	380	2,150	16,100	13,650	7.9
2007–08.....	33,968	31,600	8,700	6,120	4,900	9,100	380	2,400	17,070	14,530	7.7
2008–09.....	29,525	27,850	7,130	4,995	4,620	8,235	325	2,545	16,955	10,895	6.5
2009–10.....	29,399	28,000	7,100	4,920	4,730	8,400	305	2,545	17,000	11,000	6.3
2010–11.....	31,188	30,300	7,800	5,650	5,020	8,675	305	2,850	17,800	12,500	6.4

<sup>1</sup>Constant dollars based on the Consumer Price index, prepared by the Bureau of Labor statistics, U.S. Department of Labor, adjusted to a school-year basis.

<sup>2</sup>Total expenditures include current-fund expenditures and additions to plant value through 1995–96.

NOTE: Data rounding is consistent with the original source material. Voluntary support data are from the Council for Aid to Education, while the percentage of total expenditures is based on total expenditures reported through the Integrated Postsecondary Education Data System.

SOURCE: Council for Aid to Education, *Voluntary Support of Education*, selected years, 1949–50 through 2010–11. U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), 1965–66 through 1985–86; *Financial Statistics of Institutions of Higher Education*, 1949–50 and 1959–60; Integrated Postsecondary Education Data System (IPEDS), “Finance Survey” (IPEDS-F:FY87–99); and IPEDS Spring 2001 through Spring 2012, Finance component. (This table was prepared December 2012.)

Table 411. Endowment funds of the 120 colleges and universities with the largest endowments, by rank order: 2010 and 2011

Institution	2011 rank order <sup>1</sup>	Market value of endowment, as of June 30 (in thousands)		Percent change, 2010 to 2011 <sup>2</sup>	Institution	2011 rank order <sup>1</sup>	Market value of endowment, as of June 30 (in thousands)		Percent change, 2010 to 2011 <sup>2</sup>
		2010	2011				2010	2011	
1	2	3	4	5	1	2	3	4	5
<b>United States (all institutions).....</b>	<b>†</b>	<b>\$355,790,614</b>	<b>\$415,656,829</b>	<b>16.8</b>					
<b>120 institutions with the largest amounts.....</b>	<b>†</b>	<b>263,769,649</b>	<b>308,454,528</b>	<b>16.9</b>					
Harvard University (MA).....	1	27,557,404	32,012,729	16.2	University of Florida.....	61	1,037,922	1,085,600	4.6
Yale University (CT).....	2	16,504,168	19,174,387	16.2	Lehigh University (PA).....	62	940,430	1,077,430	14.6
Princeton University (NJ).....	3	14,760,707	17,162,603	16.3	Soka University of America (CA).....	63	481,511	1,062,627	120.7
Stanford University (CA).....	4	13,851,115	16,502,606	19.1	Wake Forest University (NC).....	64	921,338	1,058,250	14.9
University of Texas System Office.....	5	12,912,209	14,635,240	13.3	University of Iowa.....	65	928,388	1,044,097	12.5
Massachusetts Institute of Technology.....	6	8,317,321	9,712,628	16.8	University of Cincinnati, Main Campus (OH).....	66	900,125	1,024,525	13.8
Columbia University in the City of New York (NY).....	7	6,516,512	7,789,578	19.5	Carnegie Mellon University (PA).....	67	811,733	1,009,219	24.3
University of Michigan, Ann Arbor.....	8	6,471,770	7,725,307	19.4	University of Illinois at Urbana-Champaign.....	68	829,810	1,006,556	21.3
University of Pennsylvania.....	9	5,668,937	6,582,030	16.1	Tulane University of Louisiana.....	69	873,048	1,004,738	15.1
University of Notre Dame (IN).....	10	5,340,685	6,383,344	19.5	Baylor University (TX).....	70	871,966	1,003,929	15.1
Duke University (NC).....	11	4,823,572	5,747,377	19.2	Berea College (KT).....	71	846,776	978,735	15.6
University of Chicago (IL).....	12	4,904,717	5,691,013	16.0	Trinity University (TX).....	72	862,124	974,935	13.1
Northwestern University (IL).....	13	4,726,940	5,474,935	15.8	University of Kentucky.....	73	793,505	952,248	20.0
Emory University (GA).....	14	4,841,490	5,443,397	12.4	Yeshiva University (NY).....	74	922,031	945,790	2.6
Washington University in St. Louis (MO).....	15	4,560,043	5,348,871	17.3	Brigham Young University, Provo (UT).....	75	808,486	920,149	13.8
University of California System Admin. Central Office.....	16	5,441,225	5,199,092	-4.4	Princeton Theological Seminary (NJ).....	76	815,012	913,945	12.1
University of Virginia, Main Campus.....	17	3,861,913	4,707,593	21.9	Syracuse University (NY).....	77	688,791	913,662	32.6
Rice University (TX).....	18	3,835,723	4,498,951	17.3	Middlebury College (VT).....	78	783,225	907,668	15.9
Cornell University (NY).....	19	3,413,151	3,960,057	16.0	University of California, San Francisco.....	79	492,755	906,148	83.9
University of Southern California.....	20	2,947,978	3,517,173	19.3	Bowdoin College (ME).....	80	753,525	904,215	20.0
Dartmouth College (NH).....	21	3,137,422	3,460,844	10.3	Saint Louis University, Main Campus (MO).....	81	708,345	880,251	24.3
Vanderbilt University (TN).....	22	3,007,607	3,375,153	12.2	University of Texas Southwestern Medical Center.....	82	760,725	838,838	10.3
University of Texas at Austin.....	23	2,589,413	2,852,960	10.2	University of Tulsa (OK).....	83	691,917	817,324	18.1
New York University.....	24	2,409,929	2,724,134	13.0	Vassar College (NY).....	84	713,063	814,130	14.2
Johns Hopkins University (MD).....	25	2,226,665	2,598,467	16.7	Juilliard School (NY).....	85	658,901	814,005	23.5
Brown University (RI).....	26	2,178,837	2,525,662	15.9	Indiana University, Bloomington.....	86	722,778	807,627	11.7
University of Pittsburgh, Pittsburgh Campus (PA).....	27	2,020,101	2,511,816	24.3	University of Oklahoma, Norman Campus.....	87	680,505	804,886	18.3
University of Minnesota, Twin Cities.....	28	2,183,732	2,441,712	11.8	Baylor College of Medicine (TX).....	88	767,912	797,474	3.8
University of Washington, Seattle Campus.....	29	1,929,865	2,248,770	16.5	University of Arkansas.....	89	673,120	788,668	17.2
University of North Carolina at Chapel Hill.....	30	1,963,345	2,239,239	14.1	University of Louisville (KY).....	90	669,043	769,337	15.0
University of Wisconsin, Madison.....	31	1,807,126	2,171,258	20.1	Berry College (GA).....	91	600,523	761,534	26.8
Ohio State University, Main Campus.....	32	1,871,328	2,104,611	12.5	Oberlin College (OH).....	92	645,175	738,357	14.4
University of California, Berkeley.....	33	945,318	1,991,932	110.7	Washington State University.....	93	668,824	722,735	8.1
Purdue University, Main Campus (IN).....	34	1,587,000	1,944,305	22.5	Hamilton College (NY).....	94	607,490	721,287	18.7
University of Richmond (VA).....	35	1,616,549	1,878,169	16.2	University of Miami (FL).....	95	618,236	719,852	16.4
Michigan State University.....	36	1,367,525	1,758,505	28.6	Santa Clara University (CA).....	96	603,618	716,821	18.8
Boston College (MA).....	37	1,647,652	1,756,292	6.6	Brandeis University (MA).....	97	620,204	703,666	13.5
Williams College (MA).....	38	1,468,493	1,755,418	19.5	Colgate University (NY).....	98	619,216	700,994	13.2
Pennsylvania State University, Main Campus.....	39	1,350,316	1,737,843	28.7	Bryn Mawr College (PA).....	99	587,527	677,307	15.3
Case Western Reserve University (OH).....	40	1,462,027	1,703,164	16.5	University of Tennessee.....	100	602,595	674,434	11.9
Pomona College (CA).....	41	1,458,974	1,700,454	16.6	Denison University (OH).....	101	573,077	671,523	17.2
Amherst College (MA).....	42	1,385,745	1,641,511	18.5	Macalester College (MN).....	102	569,131	669,005	17.5
University of Rochester (NY).....	43	1,367,870	1,622,812	18.6	Lafayette College (PA).....	103	586,740	658,146	13.3
Georgia Institute of Technology, Main Campus.....	44	338,018	1,619,718	379.2	Carleton College (MN).....	104	563,439	653,465	16.0
California Institute of Technology.....	45	1,631,076	1,613,662	-1.1	Rutgers University, New Brunswick (NJ).....	105	556,786	650,570	16.8
George Washington University (DC).....	46	1,394,281	1,581,800	13.4	Rochester Institute of Technology (NY).....	106	559,539	640,762	14.5
Wellesley College (MA).....	47	1,330,244	1,523,683	14.5	Indiana University, Purdue University, Indianapolis.....	107	520,478	632,004	21.4
Swarthmore College (PA).....	48	1,249,254	1,508,483	20.8	Pepperdine University (CA).....	108	564,832	622,580	10.2
Grinnell College (IA).....	49	1,264,834	1,500,220	18.6	Rensselaer Polytechnic Institute (NY).....	109	629,728	621,916	-1.2
Smith College (MA).....	50	1,243,561	1,429,527	15.0	North Carolina State University at Raleigh.....	110	503,110	617,632	22.8
Tufts University (MA).....	51	1,213,585	1,403,883	15.7	College of William and Mary (VA).....	111	533,180	617,385	15.8
University of California, Los Angeles.....	52	1,110,981	1,309,302	17.9	Mount Holyoke College (MA).....	112	533,583	617,284	15.7
University of Kansas.....	53	1,070,813	1,270,511	18.6	University of Alabama.....	113	631,947	616,925	-2.4
Washington and Lee University (VA).....	54	1,008,161	1,218,132	20.8	Colby College (ME).....	114	502,076	611,441	21.8
Boston University (MA).....	55	1,022,401	1,194,164	16.8	Cooper Union for the Advancement of Science and Art (NY).....	115	579,152	609,056	5.2
Texas Christian University.....	56	1,038,161	1,191,900	14.8	College of the Holy Cross (MA).....	116	522,493	607,713	16.3
Southern Methodist University (TX).....	57	1,069,399	1,190,709	11.3	Mount Sinai School of Medicine (NY).....	117	534,631	607,498	13.6
Georgetown University (DC).....	58	1,007,299	1,162,239	15.4	Wesleyan University (CT).....	118	512,875	601,478	17.3
University of Delaware.....	59	1,000,425	1,138,203	13.8	Northeastern University (MA).....	119	521,186	601,026	15.3
Weill Cornell Medical College (NY).....	60	965,437	1,099,347	13.9	Virginia Polytechnic Institute and State University.....	120	497,100	593,700	19.4

†Not applicable.

<sup>1</sup>Institutions ranked by size of endowment in 2011.<sup>2</sup>Change in market value of endowment. Includes growth from gifts and returns on investments, as well as reductions from expenditures and withdrawals.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011 and Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 412. Expenditures of public degree-granting institutions, by purpose of expenditure and level of institution: 2004–05 through 2010–11**

Level of institution and year	Total expenditures	Instruction		Research	Public service	Academic support	Student services	Institutional support	Operation and maintenance of plant	Depreciation	Scholarships and fellowships <sup>2</sup>	Auxiliary enterprises	Hospitals	Independent operations	Interest	Other
		Total <sup>1</sup>	Salaries and wages													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
In thousands of current dollars																
<b>All levels</b>																
2004–05.....	\$215,794,343	\$59,656,806	\$41,026,819	\$22,550,836	\$9,481,391	\$14,258,857	\$10,042,243	\$17,454,934	\$13,578,182	\$9,592,800	\$8,402,515	\$16,664,085	\$20,104,812	\$658,166	\$2,989,771	\$10,358,944
2005–06.....	226,549,889	62,988,407	43,202,237	23,056,406	9,746,753	15,299,823	10,634,906	18,528,338	15,117,844	10,071,291	8,616,689	17,314,237	20,689,224	744,028	3,404,166	10,337,778
2006–07.....	238,828,801	67,188,249	45,998,524	23,893,564	10,148,312	16,306,542	11,377,541	19,962,037	15,806,925	10,772,442	8,956,265	18,501,797	22,111,404	784,684	3,819,104	9,199,935
2007–08 <sup>3</sup> .....	261,045,829	71,807,253	48,691,508	25,331,167	10,800,588	17,871,280	12,205,110	22,145,030	17,032,966	12,814,049	9,664,173	19,533,181	23,974,721	931,838	4,301,708	12,632,765
2008–09 <sup>3</sup> .....	273,030,301	75,078,714	51,151,501	26,651,018	11,244,501	18,805,325	12,939,434	23,078,908	17,839,601	13,719,465	11,104,773	20,588,239	25,944,900	1,177,848	2,972,642	11,884,935
2009–10 <sup>3</sup> .....	281,368,314	76,292,102	51,812,151	28,077,991	11,506,354	18,878,483	13,137,932	22,685,634	18,052,279	14,306,697	15,435,492	20,457,106	26,674,882	1,236,092	5,061,939	9,565,330
2010–11 <sup>3</sup> .....	296,114,046	79,373,704	53,573,417	29,357,793	11,865,709	19,338,463	13,566,425	23,863,660	18,847,081	15,413,378	17,604,651	21,715,258	27,894,885	1,153,975	5,628,124	10,490,939
<b>4-year</b>																
2004–05.....	177,191,847	44,699,891	30,555,416	22,528,940	8,819,093	11,417,218	6,475,649	12,151,581	10,287,442	8,136,660	5,453,252	14,593,314	20,104,812	658,166	2,526,222	9,339,604
2005–06.....	186,074,213	47,286,043	32,206,726	23,031,885	9,054,397	12,290,114	6,906,675	12,915,660	11,508,008	8,517,539	5,697,202	15,158,273	20,689,224	744,028	2,856,931	9,418,234
2006–07.....	196,121,062	50,755,304	34,541,885	23,875,451	9,455,605	13,151,359	7,430,739	14,046,030	12,031,682	9,140,557	6,031,919	16,308,351	22,111,404	784,684	3,129,141	7,868,836
2007–08 <sup>3</sup> .....	215,474,080	54,371,328	36,618,879	25,312,279	10,055,606	14,471,795	8,051,799	15,812,151	13,047,228	10,959,500	6,467,362	17,296,774	23,974,721	931,838	3,523,683	11,198,015
2008–09 <sup>3</sup> .....	225,363,128	57,265,615	38,666,432	26,629,400	10,499,031	15,300,115	8,612,795	16,505,969	13,805,143	11,719,734	7,156,258	18,293,456	25,944,900	1,177,848	2,354,694	10,098,170
2009–10 <sup>3</sup> .....	230,216,045	58,268,076	39,035,682	28,057,280	10,752,578	15,355,204	8,755,313	16,348,654	13,675,766	12,311,891	9,092,603	18,120,806	26,674,882	1,236,092	4,091,219	7,475,682
2010–11 <sup>3</sup> .....	241,754,071	60,607,823	40,407,972	29,336,607	11,099,605	15,720,210	9,112,980	17,294,034	14,260,755	13,184,265	10,103,136	19,321,726	27,894,885	1,153,975	4,502,944	8,160,925
<b>2-year</b>																
2004–05.....	38,602,497	14,956,915	10,471,403	21,896	662,298	2,841,639	3,566,594	5,303,353	3,290,740	1,456,140	2,949,262	2,070,771	0	0	463,549	1,019,339
2005–06.....	40,475,676	15,702,364	10,995,511	24,520	692,356	3,009,709	3,728,231	5,612,677	3,609,836	1,553,752	2,919,487	2,155,964	0	0	547,234	919,544
2006–07.....	42,707,739	16,432,945	11,456,639	18,113	692,707	3,155,183	3,946,803	5,916,007	3,775,243	1,631,885	2,924,346	2,193,446	0	0	689,963	1,331,099
2007–08 <sup>3</sup> .....	45,571,749	17,435,926	12,072,630	18,887	744,982	3,399,485	4,153,311	6,332,879	3,985,738	1,854,549	3,196,811	2,236,407	0	0	778,025	1,434,749
2008–09 <sup>3</sup> .....	47,667,173	17,813,099	12,485,070	21,617	745,470	3,505,209	4,326,639	6,572,940	4,034,457	1,999,732	3,948,515	2,294,783	0	0	617,948	1,786,764
2009–10 <sup>3</sup> .....	51,152,269	18,024,027	12,776,469	20,711	753,776	3,523,280	4,382,619	6,336,980	4,376,513	1,994,806	6,342,889	2,336,300	0	0	970,721	2,089,648
2010–11 <sup>3</sup> .....	54,359,975	18,765,881	13,165,446	21,187	766,104	3,618,052	4,453,445	6,569,626	4,586,326	2,229,112	7,501,515	2,393,532	0	0	1,125,180	2,330,014
Percentage distribution																
<b>All levels</b>																
2004–05.....	100.00	27.65	19.01	10.45	4.39	6.61	4.65	8.09	6.29	4.45	3.89	7.72	9.32	0.30	1.39	4.80
2005–06.....	100.00	27.80	19.07	10.18	4.30	6.75	4.69	8.18	6.67	4.45	3.80	7.64	9.13	0.33	1.50	4.56
2006–07.....	100.00	28.13	19.26	10.00	4.25	6.83	4.76	8.36	6.62	4.51	3.75	7.75	9.26	0.33	1.60	3.85
2007–08 <sup>3</sup> .....	100.00	27.51	18.65	9.70	4.14	6.85	4.68	8.48	6.52	4.91	3.70	7.48	9.18	0.36	1.65	4.84
2008–09 <sup>3</sup> .....	100.00	27.50	18.73	9.76	4.12	6.89	4.74	8.45	6.53	5.02	4.07	7.54	9.50	0.43	1.09	4.35
2009–10 <sup>3</sup> .....	100.00	27.11	18.41	9.98	4.09	6.71	4.67	8.06	6.42	5.08	5.49	7.27	9.48	0.44	1.80	3.40
2010–11 <sup>3</sup> .....	100.00	26.81	18.09	9.91	4.01	6.53	4.58	8.06	6.36	5.21	5.95	7.33	9.42	0.39	1.90	3.54
<b>4-year</b>																
2004–05.....	100.00	25.23	17.24	12.71	4.98	6.44	3.65	6.86	5.81	4.59	3.08	8.24	11.35	0.37	1.43	5.27
2005–06.....	100.00	25.41	17.31	12.38	4.87	6.60	3.71	6.94	6.18	4.58	3.06	8.15	11.12	0.40	1.54	5.06
2006–07.....	100.00	25.88	17.61	12.17	4.82	6.71	3.79	7.16	6.13	4.66	3.08	8.32	11.27	0.40	1.60	4.01
2007–08 <sup>3</sup> .....	100.00	25.23	16.99	11.75	4.67	6.72	3.74	7.34	6.06	5.09	3.00	8.03	11.13	0.43	1.64	5.20
2008–09 <sup>3</sup> .....	100.00	25.41	17.16	11.82	4.66	6.79	3.82	7.32	6.13	5.20	3.18	8.12	11.51	0.52	1.04	4.48
2009–10 <sup>3</sup> .....	100.00	25.31	16.96	12.19	4.67	6.67	3.80	7.10	5.94	5.35	3.95	7.87	11.59	0.54	1.78	3.25
2010–11 <sup>3</sup> .....	100.00	25.07	16.71	12.13	4.59	6.50	3.77	7.15	5.90	5.45	4.18	7.99	11.54	0.48	1.86	3.38
<b>2-year</b>																
2004–05.....	100.00	38.75	27.13	0.06	1.72	7.36	9.24	13.74	8.52	3.77	7.64	5.36	0.00	0.00	1.20	2.64
2005–06.....	100.00	38.79	27.17	0.06	1.71	7.44	9.21	13.87	8.92	3.84	7.21	5.33	0.00	0.00	1.35	2.27
2006–07.....	100.00	38.48	26.83	0.04	1.62	7.39	9.24	13.85	8.84	3.82	6.85	5.14	0.00	0.00	1.62	3.12
2007–08 <sup>3</sup> .....	100.00	38.26	26.49	0.04	1.63	7.46	9.11	13.90	8.75	4.07	7.01	4.91	0.00	0.00	1.71	3.15
2008–09 <sup>3</sup> .....	100.00	37.37	26.19	0.05	1.56	7.35	9.08	13.79	8.46	4.20	8.28	4.81	0.00	0.00	1.30	3.75
2009–10 <sup>3</sup> .....	100.00	35.24	24.98	0.04	1.47	6.89	8.57	12.39	8.56	3.90	12.40	4.57	0.00	0.00	1.90	4.09
2010–11 <sup>3</sup> .....	100.00	34.52	24.22	0.04	1.41	6.66	8.19	12.09	8.44	4.10	13.80	4.40	0.00	0.00	2.07	4.29

See notes at end of table.

Table 412. Expenditures of public degree-granting institutions, by purpose of expenditure and level of institution: 2004–05 through 2010–11—Continued

Level of institution and year	Total expenditures	Instruction		Research	Public service	Academic support	Student services	Institutional support	Operation and maintenance of plant	Depreciation	Scholarships and fellowships <sup>2</sup>	Auxiliary enterprises	Hospitals	Independent operations	Interest	Other
		Total <sup>1</sup>	Salaries and wages													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Expenditures per full-time-equivalent student in current dollars																
<b>All levels</b>																
2004–05.....	\$23,084	\$6,382	\$4,389	\$2,412	\$1,014	\$1,525	\$1,074	\$1,867	\$1,453	\$1,026	\$899	\$1,783	\$2,151	\$70	\$320	\$1,108
2005–06.....	24,126	6,708	4,601	2,455	1,038	1,629	1,133	1,973	1,610	1,073	918	1,844	2,203	79	363	1,101
2006–07.....	25,130	7,070	4,840	2,514	1,068	1,716	1,197	2,100	1,663	1,134	942	1,947	2,327	83	402	968
2007–08 <sup>3</sup> .....	26,802	7,373	4,999	2,601	1,109	1,835	1,253	2,274	1,749	1,316	992	2,006	2,462	96	442	1,297
2008–09 <sup>3</sup> .....	27,135	7,462	5,084	2,649	1,118	1,869	1,286	2,294	1,773	1,364	1,104	2,046	2,579	117	295	1,181
2009–10 <sup>3</sup> .....	26,173	7,097	4,820	2,612	1,070	1,756	1,222	2,110	1,679	1,331	1,436	1,903	2,481	115	471	890
2010–11 <sup>3</sup> .....	26,869	7,202	4,861	2,664	1,077	1,755	1,231	2,165	1,710	1,399	1,597	1,970	2,531	105	511	952
<b>4-year</b>																
2004–05.....	31,413	7,925	5,417	3,994	1,563	2,024	1,148	2,154	1,824	1,443	967	2,587	3,564	117	448	1,656
2005–06.....	32,483	8,255	5,622	4,021	1,581	2,145	1,206	2,255	2,009	1,487	995	2,646	3,612	130	499	1,644
2006–07.....	33,670	8,714	5,930	4,099	1,623	2,258	1,276	2,411	2,066	1,569	1,036	2,800	3,796	135	537	1,351
2007–08 <sup>3</sup> .....	35,947	9,071	6,109	4,223	1,678	2,414	1,343	2,638	2,177	1,828	1,079	2,886	4,000	155	588	1,868
2008–09 <sup>3</sup> .....	36,707	9,327	6,298	4,337	1,710	2,492	1,403	2,688	2,249	1,909	1,166	2,980	4,226	192	384	1,645
2009–10 <sup>3</sup> .....	35,679	9,030	6,050	4,348	1,666	2,380	1,357	2,534	2,119	1,908	1,409	2,808	4,134	192	634	1,159
2010–11 <sup>3</sup> .....	36,430	9,133	6,089	4,421	1,673	2,369	1,373	2,606	2,149	1,987	1,522	2,912	4,203	174	679	1,230
<b>2-year</b>																
2004–05.....	10,412	4,034	2,824	6	179	766	962	1,430	888	393	796	559	0	0	125	275
2005–06.....	11,053	4,288	3,003	7	189	822	1,018	1,533	986	424	797	589	0	0	149	251
2006–07.....	11,609	4,467	3,114	5	188	858	1,073	1,608	1,026	444	795	596	0	0	188	362
2007–08 <sup>3</sup> .....	12,167	4,655	3,223	5	199	908	1,109	1,691	1,064	495	854	597	0	0	208	383
2008–09 <sup>3</sup> .....	12,153	4,542	3,183	6	190	894	1,103	1,676	1,029	510	1,007	585	0	0	158	456
2009–10 <sup>3</sup> .....	11,902	4,194	2,973	5	175	820	1,020	1,474	1,018	464	1,476	544	0	0	226	486
2010–11 <sup>3</sup> .....	12,398	4,280	3,003	5	175	825	1,016	1,498	1,046	508	1,711	546	0	0	257	531
Expenditures per full-time-equivalent student in constant 2011–12 dollars <sup>4</sup>																
<b>All levels</b>																
2004–05.....	\$27,404	\$7,576	\$5,210	\$2,864	\$1,204	\$1,811	\$1,275	\$2,217	\$1,724	\$1,218	\$1,067	\$2,116	\$2,553	\$84	\$380	\$1,316
2005–06.....	27,590	7,671	5,261	2,808	1,187	1,863	1,295	2,256	1,841	1,227	1,049	2,109	2,520	91	415	1,259
2006–07.....	28,014	7,881	5,396	2,803	1,190	1,913	1,335	2,342	1,854	1,264	1,051	2,170	2,594	92	448	1,079
2007–08 <sup>3</sup> .....	28,811	7,925	5,374	2,796	1,192	1,972	1,347	2,444	1,880	1,414	1,067	2,156	2,646	103	475	1,394
2008–09 <sup>3</sup> .....	28,767	7,910	5,389	2,808	1,185	1,981	1,363	2,432	1,880	1,446	1,170	2,169	2,734	124	313	1,252
2009–10 <sup>3</sup> .....	27,481	7,451	5,061	2,742	1,124	1,844	1,283	2,216	1,763	1,397	1,508	1,998	2,605	121	494	934
2010–11 <sup>3</sup> .....	27,656	7,413	5,004	2,742	1,108	1,806	1,267	2,229	1,760	1,440	1,644	2,028	2,605	108	526	980
<b>4-year</b>																
2004–05.....	37,292	9,408	6,431	4,741	1,856	2,403	1,363	2,557	2,165	1,712	1,148	3,071	4,231	139	532	1,966
2005–06.....	37,147	9,440	6,430	4,598	1,808	2,454	1,379	2,578	2,297	1,700	1,137	3,026	4,130	149	570	1,880
2006–07.....	37,534	9,714	6,611	4,569	1,810	2,517	1,422	2,688	2,303	1,749	1,154	3,121	4,232	150	599	1,506
2007–08 <sup>3</sup> .....	38,640	9,750	6,567	4,539	1,803	2,595	1,444	2,836	2,340	1,965	1,160	3,102	4,299	167	632	2,008
2008–09 <sup>3</sup> .....	38,914	9,888	6,677	4,598	1,813	2,642	1,487	2,850	2,384	2,024	1,236	3,159	4,480	203	407	1,744
2009–10 <sup>3</sup> .....	37,462	9,482	6,352	4,566	1,750	2,499	1,425	2,660	2,225	2,003	1,480	2,949	4,341	201	666	1,216
2010–11 <sup>3</sup> .....	37,497	9,401	6,267	4,550	1,722	2,438	1,413	2,682	2,212	2,045	1,567	2,997	4,327	179	698	1,266
<b>2-year</b>																
2004–05.....	12,361	4,789	3,353	7	212	910	1,142	1,698	1,054	466	944	663	0	0	148	326
2005–06.....	12,640	4,904	3,434	8	216	940	1,164	1,753	1,127	485	912	673	0	0	171	287
2006–07.....	12,941	4,980	3,472	5	210	956	1,196	1,793	1,144	494	886	665	0	0	209	403
2007–08 <sup>3</sup> .....	13,079	5,004	3,465	5	214	976	1,192	1,817	1,144	532	917	642	0	0	223	412
2008–09 <sup>3</sup> .....	12,884	4,815	3,375	6	201	947	1,169	1,777	1,090	540	1,067	620	0	0	167	483
2009–10 <sup>3</sup> .....	12,497	4,403	3,121	5	184	861	1,071	1,548	1,069	487	1,550	571	0	0	237	511
2010–11 <sup>3</sup> .....	12,761	4,405	3,091	5	180	849	1,045	1,542	1,077	523	1,761	562	0	0	264	547

<sup>1</sup>Includes other categories not separately shown.<sup>2</sup>Excludes discounts and allowances.<sup>3</sup>All expenditures reported by institutions for operation and maintenance of plant have been aggregated in the operation and maintenance of plant category, even in cases where they originally were reported by purpose. Similarly, all expenditures reported by institutions for depreciation have been aggregated in the depreciation category, even in cases where they originally were reported by purpose. In addition, all expenditures reported by institutions for interest have been aggregated in the interest category, even in cases where they originally were reported by purpose.<sup>4</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2005 through Spring 2012, Finance and Enrollment components. (This table was prepared November 2012.)

**Table 413. Expenditures of public degree-granting institutions, by level of institution, purpose of expenditure, and state or jurisdiction: 2007–08 through 2010–11**

[In thousands of current dollars]

State or jurisdiction	Total expenditures, 2007–08	Total expenditures, 2008–09	Total expenditures, 2009–10			2010–11					
			All institutions	4-year institutions	2-year institutions	All institutions		4-year institutions		2-year institutions	
						Total <sup>1</sup>	Instruction <sup>2</sup>	Total <sup>1</sup>	Instruction <sup>2</sup>	Total <sup>1</sup>	Instruction <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>\$261,045,829</b>	<b>\$273,030,301</b>	<b>\$281,368,314</b>	<b>\$230,216,045</b>	<b>\$51,152,269</b>	<b>\$296,114,046</b>	<b>\$79,373,704</b>	<b>\$241,754,071</b>	<b>\$60,607,823</b>	<b>\$54,359,975</b>	<b>\$18,765,881</b>
Alabama .....	5,839,899	5,964,685	6,324,853	5,523,332	801,521	6,649,467	1,422,036	5,839,064	1,145,644	810,403	276,392
Alaska .....	736,890	750,308	780,028	760,959	19,069	800,218	214,308	779,239	208,231	20,978	6,078
Arizona .....	4,421,229	4,523,629	4,721,129	3,396,250	1,324,879	4,968,606	1,454,370	3,612,788	1,008,561	1,355,818	445,810
Arkansas .....	2,923,204	3,109,431	3,268,738	2,807,806	460,932	3,454,422	720,923	2,941,157	560,667	513,265	160,256
California .....	37,559,728	39,706,162	39,702,048	29,252,715	10,449,333	42,790,625	10,494,175	31,296,311	7,009,807	11,494,314	3,484,367
Colorado .....	4,049,015	4,424,140	4,516,268	3,967,914	548,354	4,837,724	1,366,337	4,315,611	1,166,937	522,114	199,400
Connecticut .....	2,713,513	2,833,427	2,814,866	2,383,913	430,953	2,974,554	807,749	2,515,522	630,404	459,032	177,345
Delaware .....	905,359	937,997	967,381	837,131	130,250	1,032,228	397,614	887,780	332,744	144,448	64,870
District of Columbia .....	117,014	138,348	109,469	109,469	0	152,640	51,898	152,640	51,898	0	0
Florida .....	8,678,611	9,220,508	9,721,394	8,959,689	761,705	10,413,803	3,043,170	9,810,395	2,876,516	603,408	166,655
Georgia .....	5,798,067	6,063,773	6,426,195	5,295,181	1,131,014	7,028,610	1,870,839	5,748,748	1,454,875	1,279,862	415,964
Hawaii .....	1,576,768	1,531,975	1,406,821	1,185,560	221,261	1,523,301	388,824	1,290,065	292,320	233,236	96,505
Idaho .....	991,494	1,024,541	1,070,934	891,616	179,318	1,116,296	300,496	911,158	261,641	205,138	38,856
Illinois .....	8,955,961	9,350,383	9,954,173	7,241,944	2,712,229	10,302,240	2,884,322	7,460,195	2,009,357	2,842,045	874,965
Indiana .....	5,237,143	5,487,959	5,739,211	5,163,984	575,227	5,959,191	2,076,861	5,316,900	1,872,497	642,291	204,364
Iowa .....	3,896,227	4,193,485	4,169,366	3,343,510	825,856	4,332,274	950,814	3,464,024	860,137	668,250	320,676
Kansas .....	2,654,178	2,821,376	2,916,446	2,242,776	673,670	3,053,391	894,749	2,342,731	660,147	710,660	234,603
Kentucky .....	4,256,949	4,513,299	4,723,961	4,043,904	680,056	4,889,725	1,119,953	4,193,994	887,378	695,731	232,575
Louisiana .....	4,162,047	4,303,137	4,143,613	3,668,373	475,239	4,163,519	1,137,824	3,649,282	945,983	514,237	191,841
Maine .....	786,047	809,983	807,827	697,460	110,367	837,119	236,003	715,786	185,350	121,333	50,652
Maryland .....	4,995,230	5,282,745	5,489,313	4,254,907	1,234,407	5,627,221	1,549,889	4,300,679	1,067,093	1,326,541	482,796
Massachusetts .....	3,662,053	3,731,294	3,941,641	3,212,739	728,902	4,224,820	1,135,979	3,443,382	843,136	781,438	292,843
Michigan .....	12,675,466	11,928,733	12,411,095	10,516,182	1,894,913	12,793,640	3,238,687	10,841,022	2,577,692	1,952,618	660,994
Minnesota .....	4,541,298	4,679,338	4,782,817	3,794,416	988,401	4,841,837	1,366,992	3,785,610	947,620	1,056,227	419,372
Mississippi .....	3,303,199	3,445,846	3,591,772	2,724,671	867,101	3,717,313	843,724	2,809,641	543,605	907,672	300,120
Missouri .....	3,933,741	4,067,585	4,220,808	3,460,621	760,187	4,370,406	1,180,340	3,593,302	896,639	777,104	283,700
Montana .....	883,825	936,000	933,785	814,871	118,913	961,380	236,511	839,058	206,145	122,321	30,366
Nebraska .....	1,816,761	1,893,340	2,005,277	1,666,195	339,081	2,119,516	619,227	1,745,447	484,058	374,069	135,169
Nevada .....	1,374,553	1,417,355	1,423,657	1,356,436	67,221	1,452,203	495,313	1,382,958	467,557	69,245	27,756
New Hampshire .....	767,736	803,946	837,543	715,472	122,071	916,009	261,920	770,735	226,838	145,274	35,082
New Jersey .....	6,049,637	6,487,776	6,679,185	5,400,370	1,278,815	6,818,023	1,915,699	5,509,244	1,485,146	1,308,780	430,552
New Mexico .....	2,798,416	3,033,621	3,094,887	2,513,419	581,468	3,195,659	600,472	2,584,062	403,121	611,597	197,351
New York .....	13,153,312	14,393,529	14,564,719	11,589,967	2,974,753	15,481,165	4,574,950	12,371,236	3,331,548	3,109,929	1,243,402
North Carolina .....	8,260,453	8,648,614	9,061,392	7,066,268	2,005,124	9,639,567	3,133,817	7,462,272	2,241,944	2,177,296	891,874
North Dakota .....	840,092	900,709	960,204	881,328	78,877	993,822	325,390	914,830	295,924	78,992	29,466
Ohio .....	10,197,635	10,690,988	11,191,776	9,669,790	1,521,987	11,618,185	3,114,600	9,997,413	2,544,784	1,620,772	569,816
Oklahoma .....	3,229,565	3,424,475	3,565,946	3,091,111	474,836	3,722,869	1,047,646	3,238,832	877,588	484,037	170,058
Oregon .....	4,211,743	4,705,101	4,989,706	3,869,289	1,120,417	5,312,294	1,108,179	4,078,285	732,549	1,234,009	375,630
Pennsylvania .....	9,813,416	10,424,097	10,880,853	9,753,259	1,127,594	11,287,473	2,849,960	10,099,710	2,423,357	1,187,763	426,603
Rhode Island .....	633,263	639,371	663,552	555,414	108,138	683,831	189,953	571,947	141,833	111,884	48,121
South Carolina .....	3,420,357	3,415,654	3,537,943	2,772,919	765,024	3,715,311	1,192,993	2,907,953	917,877	807,358	275,116
South Dakota .....	590,375	626,176	686,412	613,042	73,370	707,073	196,714	628,178	170,562	78,895	26,152
Tennessee .....	3,531,341	3,607,113	3,781,861	3,156,572	625,289	3,980,862	1,315,644	3,323,326	1,080,809	657,537	234,835
Texas .....	23,442,222	24,222,080	25,080,639	20,573,456	4,507,183	26,346,922	6,767,354	21,582,546	5,138,750	4,764,376	1,628,603
Utah .....	3,554,103	3,797,090	3,940,464	3,653,326	287,138	4,248,983	700,684	3,945,043	592,767	303,940	107,918
Vermont .....	714,575	718,762	761,182	728,690	32,492	793,941	207,116	757,661	196,779	36,280	10,337
Virginia .....	6,924,955	7,183,108	7,329,410	6,374,781	954,629	7,878,109	2,142,844	6,835,495	1,721,427	1,042,614	421,418
Washington .....	6,477,202	6,714,962	6,874,560	5,524,094	1,350,466	7,312,805	2,157,024	5,871,046	1,561,642	1,441,759	595,383
West Virginia .....	1,426,853	1,518,943	1,672,009	1,524,769	147,240	1,738,447	510,633	1,579,411	461,328	159,036	49,305
Wisconsin .....	5,203,602	5,499,072	5,757,793	4,494,128	1,263,665	5,974,368	1,857,090	4,635,981	1,216,513	1,338,387	640,577
Wyoming .....	592,850	639,509	671,896	430,562	241,334	706,750	216,233	451,090	133,241	255,661	82,992
U.S. Service Academies .....	1,766,655	1,844,822	1,699,493	1,699,493	0	1,653,288	486,861	1,653,288	486,861	0	0
<b>Other jurisdictions .....</b>	<b>1,632,804</b>	<b>1,721,830</b>	<b>1,776,740</b>	<b>1,677,523</b>	<b>99,217</b>	<b>1,698,347</b>	<b>487,894</b>	<b>1,595,433</b>	<b>450,887</b>	<b>102,914</b>	<b>37,007</b>
American Samoa .....	12,489	12,910	13,243	0	13,243	15,942	7,005	0	0	15,942	7,005
Federated States of Micronesia .....	20,606	22,380	23,128	0	23,128	21,048	8,810	0	0	21,048	8,810
Guam .....	102,571	106,784	115,262	85,813	29,449	125,565	29,958	93,324	19,681	32,242	10,277
Marshall Islands .....	8,383	8,503	12,681	0	12,681	17,259	2,894	0	0	17,259	2,894
Northern Marianas .....	13,812	13,945	14,619	14,619	0	20,214	9,010	20,214	9,010	0	0
Palau .....	5,653	5,858	5,416	0	5,416	4,856	1,897	0	0	4,856	1,897
Puerto Rico .....	1,402,526	1,477,913	1,506,865	1,491,566	15,299	1,406,063	415,065	1,394,495	408,941	11,568	6,124
U.S. Virgin Islands .....	66,764	73,536	85,525	85,525	0	87,400	13,254	87,400	13,254	0	0

<sup>1</sup>Includes other categories not separately shown.

<sup>2</sup>Excludes expenditures for operations and maintenance, interest, and depreciation, which are included in the total.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Includes data for public institutions reporting data according to either the Governmental Accounting Standards Board (GASB) or the Financial Accounting Standards Board (FASB) questionnaire. All expenditures reported by institutions for operation and maintenance of plant have been aggregated in the operation and maintenance of plant category, even in cases where they originally were reported by purpose.

pose. Similarly, all expenditures reported by institutions for depreciation have been aggregated in the depreciation category, even in cases where they originally were reported by purpose. In addition, all expenditures reported by institutions for interest have been aggregated in the interest category, even in cases where they originally were reported by purpose. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2009 through Spring 2012, Finance component. (This table was prepared November 2012.)



**Table 414. Total expenditures of private nonprofit degree-granting institutions, by purpose and level of institution: 1999–2000 through 2010–11**

Level of institution and year	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises¹	Net grant aid to students²	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>All levels</b>												
1999–2000.....	\$80,613,037	\$26,012,599	\$8,381,926	\$1,446,958	\$6,510,951	\$5,688,499	\$10,585,850	\$8,300,021	\$1,180,882	\$7,355,110	\$2,753,679	\$2,396,563
2000–01.....	85,625,016	27,607,324	9,025,739	1,473,292	7,368,263	6,117,195	11,434,074	9,010,853	1,176,160	7,255,376	3,134,609	2,022,132
2001–02.....	92,192,297	29,689,041	10,035,480	1,665,884	7,802,637	6,573,185	12,068,120	9,515,829	1,188,690	7,633,043	3,397,979	2,622,409
2002–03.....	99,748,076	32,062,218	11,079,532	1,878,380	8,156,688	7,096,223	13,157,744	9,936,478	1,173,845	7,586,208	3,879,736	3,741,024
2003–04.....	104,317,870	33,909,179	12,039,531	1,972,351	8,759,743	7,544,021	13,951,408	10,508,719	1,101,738	8,374,128	4,222,980	1,934,070
2004–05.....	110,394,127	36,258,473	12,812,857	2,000,437	9,342,064	8,191,737	14,690,328	10,944,342	1,069,591	9,180,775	4,223,779	1,679,741
2005–06.....	116,817,913	38,465,058	13,242,343	1,941,519	10,217,274	8,965,704	15,667,101	11,741,258	708,158	9,645,428	4,203,523	2,020,548
2006–07.....	124,557,725	41,223,483	13,704,450	2,036,588	10,882,028	9,591,334	16,831,353	12,451,087	728,139	10,400,055	4,680,393	2,028,816
2007–08.....	133,503,539	44,226,329	14,474,367	2,182,676	11,884,345	10,363,476	18,364,513	13,319,602	721,487	10,754,966	4,887,609	2,324,170
2008–09.....	141,349,229	46,452,942	15,262,667	2,298,526	12,579,759	11,012,204	19,400,981	13,707,921	757,852	11,930,840	5,158,480	2,787,056
2009–10.....	145,141,785	47,486,299	16,155,474	2,089,745	12,939,489	11,416,177	19,433,113	13,887,042	832,078	13,174,405	5,154,851	2,573,113
2010–11.....	152,509,741	49,692,506	17,378,300	2,255,102	13,609,316	12,239,151	20,234,530	14,457,573	772,177	14,239,347	5,376,016	2,255,722
<b>4-year</b>												
1999–2000.....	79,699,659	25,744,199	8,376,568	1,438,544	6,476,338	5,590,978	10,398,914	8,228,409	1,162,570	7,355,110	2,752,019	2,176,011
2000–01.....	85,048,123	27,413,897	9,019,966	1,467,325	7,333,851	6,036,478	11,292,310	8,957,973	1,160,660	7,253,479	3,133,099	1,979,086
2001–02.....	91,612,337	29,492,583	10,035,394	1,658,781	7,768,870	6,497,127	11,914,149	9,470,557	1,173,725	7,632,942	3,396,831	2,571,376
2002–03.....	99,137,236	31,866,310	11,079,332	1,871,274	8,122,181	7,014,149	12,996,836	9,876,937	1,161,441	7,586,208	3,854,471	3,708,098
2003–04.....	103,733,257	33,712,542	12,039,080	1,964,898	8,726,505	7,466,472	13,774,084	10,464,984	1,084,880	8,374,128	4,221,611	1,904,075
2004–05.....	109,789,731	36,051,084	12,812,326	1,993,767	9,307,600	8,101,214	14,516,197	10,899,456	1,051,216	9,180,775	4,223,779	1,652,317
2005–06.....	116,247,359	38,249,125	13,241,769	1,931,804	10,177,381	8,894,330	15,524,004	11,696,510	699,462	9,645,428	4,203,523	1,984,024
2006–07.....	124,061,478	41,056,590	13,703,502	2,028,364	10,850,270	9,522,535	16,693,987	12,414,609	714,398	10,400,055	4,680,393	1,996,775
2007–08.....	132,967,352	44,041,162	14,473,394	2,176,695	11,847,922	10,286,780	18,216,170	13,281,694	711,903	10,754,966	4,887,609	2,289,058
2008–09.....	140,852,609	46,286,662	15,262,322	2,294,914	12,538,248	10,943,745	19,258,651	13,670,550	750,687	11,930,840	5,158,480	2,757,510
2009–10.....	144,651,140	47,320,761	16,154,889	2,084,704	12,896,579	11,347,049	19,297,756	13,852,640	824,895	13,174,405	5,154,851	2,542,611
2010–11.....	151,886,926	49,483,331	17,378,015	2,252,753	13,555,980	12,152,861	20,068,168	14,427,590	770,812	14,239,347	5,376,016	2,182,053
<b>2-year</b>												
1999–2000.....	913,378	268,400	5,358	8,415	34,612	97,521	186,936	71,612	18,311	0	1,660	220,553
2000–01.....	576,893	193,428	5,772	5,967	34,412	80,717	141,764	52,880	15,500	1,896	1,510	43,046
2001–02.....	579,960	196,459	86	7,102	33,767	76,058	153,971	45,271	14,965	100	1,147	51,033
2002–03.....	610,840	195,909	200	7,106	34,506	82,074	160,908	59,541	12,404	0	25,265	32,926
2003–04.....	584,612	196,637	451	7,453	33,238	77,549	177,324	43,735	16,859	0	1,369	29,995
2004–05.....	604,395	207,389	532	6,670	34,464	90,523	174,131	44,886	18,375	0	0	27,425
2005–06.....	570,554	215,934	574	9,715	39,893	71,374	143,096	44,748	8,696	0	0	36,524
2006–07.....	496,247	166,893	947	8,224	31,758	68,799	137,366	36,478	13,741	0	0	32,041
2007–08.....	536,187	185,167	973	5,982	36,423	76,696	148,343	37,908	9,584	0	0	35,112
2008–09.....	496,620	166,280	345	3,612	41,511	68,459	142,330	37,372	7,165	0	0	29,546
2009–10.....	490,645	165,538	585	5,041	42,909	69,129	135,357	34,402	7,183	0	0	30,502
2010–11.....	622,815	209,176	285	2,349	53,336	86,290	166,362	29,983	1,365	0	0	73,669
Percentage distribution												
<b>All levels</b>												
1999–2000.....	100.00	32.27	10.40	1.79	8.08	7.06	13.13	10.30	1.46	9.12	3.42	2.97
2000–01.....	100.00	32.24	10.54	1.72	8.61	7.14	13.35	10.52	1.37	8.47	3.66	2.36
2001–02.....	100.00	32.20	10.89	1.81	8.46	7.13	13.09	10.32	1.29	8.28	3.69	2.84
2002–03.....	100.00	32.14	11.11	1.88	8.18	7.11	13.19	9.96	1.18	7.61	3.89	3.75
2003–04.....	100.00	32.51	11.54	1.89	8.40	7.23	13.37	10.07	1.06	8.03	4.05	1.85
2004–05.....	100.00	32.84	11.61	1.81	8.46	7.42	13.31	9.91	0.97	8.32	3.83	1.52
2005–06.....	100.00	32.93	11.34	1.66	8.75	7.67	13.41	10.05	0.61	8.26	3.60	1.73
2006–07.....	100.00	33.10	11.00	1.64	8.74	7.70	13.51	10.00	0.58	8.35	3.76	1.63
2007–08.....	100.00	33.13	10.84	1.63	8.90	7.76	13.76	9.98	0.54	8.06	3.66	1.74
2008–09.....	100.00	32.86	10.80	1.63	8.90	7.79	13.73	9.70	0.54	8.44	3.65	1.97
2009–10.....	100.00	32.72	11.13	1.44	8.92	7.87	13.39	9.57	0.57	9.08	3.55	1.77
2010–11.....	100.00	32.58	11.39	1.48	8.92	8.03	13.27	9.48	0.51	9.34	3.53	1.48
<b>4-year</b>												
1999–2000.....	100.00	32.30	10.51	1.80	8.13	7.02	13.05	10.32	1.46	9.23	3.45	2.73
2000–01.....	100.00	32.23	10.61	1.73	8.62	7.10	13.28	10.53	1.36	8.53	3.68	2.33
2001–02.....	100.00	32.19	10.95	1.81	8.48	7.09	13.00	10.34	1.28	8.33	3.71	2.81
2002–03.....	100.00	32.14	11.18	1.89	8.19	7.08	13.11	9.96	1.17	7.65	3.89	3.74
2003–04.....	100.00	32.50	11.61	1.89	8.41	7.20	13.28	10.09	1.05	8.07	4.07	1.84
2004–05.....	100.00	32.84	11.67	1.82	8.48	7.38	13.22	9.93	0.96	8.36	3.85	1.50
2005–06.....	100.00	32.90	11.39	1.66	8.75	7.65	13.35	10.06	0.60	8.30	3.62	1.71
2006–07.....	100.00	33.09	11.05	1.63	8.75	7.68	13.46	10.01	0.58	8.38	3.77	1.61
2007–08.....	100.00	33.12	10.88	1.64	8.91	7.74	13.70	9.99	0.54	8.09	3.68	1.72
2008–09.....	100.00	32.86	10.84	1.63	8.90	7.77	13.67	9.71	0.53	8.47	3.66	1.96
2009–10.....	100.00	32.71	11.17	1.44	8.92	7.84	13.34	9.58	0.57	9.11	3.56	1.76
2010–11.....	100.00	32.58	11.44	1.48	8.93	8.00	13.21	9.50	0.51	9.37	3.54	1.44

See notes at end of table.

**Table 414. Total expenditures of private nonprofit degree-granting institutions, by purpose and level of institution: 1999–2000 through 2010–11—Continued**

Level of institution and year	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>2-year</b>												
1999–2000.....	100.00	29.39	0.59	0.92	3.79	10.68	20.47	7.84	2.00	0.00	0.18	24.15
2000–01.....	100.00	33.53	1.00	1.03	5.96	13.99	24.57	9.17	2.69	0.33	0.26	7.46
2001–02.....	100.00	33.87	0.01	1.22	5.82	13.11	26.55	7.81	2.58	0.02	0.20	8.80
2002–03.....	100.00	32.07	0.03	1.16	5.65	13.44	26.34	9.75	2.03	0.00	4.14	5.39
2003–04.....	100.00	33.64	0.08	1.27	5.69	13.27	30.33	7.48	2.88	0.00	0.23	5.13
2004–05.....	100.00	34.31	0.09	1.10	5.70	14.98	28.81	7.43	3.04	0.00	0.00	4.54
2005–06.....	100.00	37.85	0.10	1.70	6.99	12.51	25.08	7.84	1.52	0.00	0.00	6.40
2006–07.....	100.00	33.63	0.19	1.66	6.40	13.86	27.68	7.35	2.77	0.00	0.00	6.46
2007–08.....	100.00	34.53	0.18	1.12	6.79	14.30	27.67	7.07	1.79	0.00	0.00	6.55
2008–09.....	100.00	33.48	0.07	0.73	8.36	13.78	28.66	7.53	1.44	0.00	0.00	5.95
2009–10.....	100.00	33.74	0.12	1.03	8.75	14.09	27.59	7.01	1.46	0.00	0.00	6.22
2010–11.....	100.00	33.59	0.05	0.38	8.56	13.85	26.71	4.81	0.22	0.00	0.00	11.83
Expenditure per full-time-equivalent student in constant 2011–12 dollars <sup>3</sup>												
<b>All levels</b>												
1999–2000.....	\$42,680	\$13,772	\$4,438	\$766	\$3,447	\$3,012	\$5,605	\$4,394	\$625	\$3,894	\$1,458	\$1,269
2000–01.....	42,980	13,858	4,531	740	3,699	3,071	5,739	4,523	590	3,642	1,573	1,015
2001–02.....	44,495	14,329	4,843	804	3,766	3,172	5,824	4,593	574	3,684	1,640	1,266
2002–03.....	45,584	14,652	5,063	858	3,728	3,243	6,013	4,541	536	3,467	1,773	1,710
2003–04.....	45,539	14,803	5,256	861	3,824	3,293	6,090	4,588	481	3,656	1,844	844
2004–05.....	45,672	15,001	5,301	828	3,865	3,389	6,078	4,528	443	3,798	1,747	695
2005–06.....	45,922	15,121	5,206	763	4,016	3,524	6,159	4,616	278	3,792	1,652	794
2006–07.....	46,887	15,518	5,159	767	4,096	3,610	6,336	4,687	274	3,915	1,762	764
2007–08.....	47,273	15,660	5,125	773	4,208	3,670	6,503	4,716	255	3,808	1,731	823
2008–09.....	48,610	15,975	5,249	790	4,326	3,787	6,672	4,714	261	4,103	1,774	958
2009–10.....	48,203	15,771	5,365	694	4,297	3,791	6,454	4,612	276	4,375	1,712	855
2010–11.....	47,779	15,568	5,444	706	4,264	3,834	6,339	4,529	242	4,461	1,684	707
<b>4-year</b>												
1999–2000.....	43,101	13,922	4,530	778	3,502	3,024	5,624	4,450	629	3,978	1,488	1,177
2000–01.....	43,357	13,975	4,598	748	3,739	3,077	5,757	4,567	592	3,698	1,597	1,009
2001–02.....	44,875	14,447	4,916	813	3,806	3,183	5,836	4,639	575	3,739	1,664	1,260
2002–03.....	45,914	14,758	5,131	867	3,762	3,249	6,019	4,574	538	3,513	1,785	1,717
2003–04.....	45,862	14,905	5,323	869	3,858	3,301	6,090	4,627	480	3,702	1,866	842
2004–05.....	45,973	15,096	5,365	835	3,897	3,392	6,078	4,564	440	3,844	1,769	692
2005–06.....	46,194	15,199	5,262	768	4,044	3,534	6,169	4,648	278	3,833	1,670	788
2006–07.....	47,105	15,589	5,203	770	4,120	3,616	6,339	4,714	271	3,949	1,777	758
2007–08.....	47,505	15,735	5,171	778	4,233	3,675	6,508	4,745	254	3,842	1,746	818
2008–09.....	48,850	16,053	5,293	796	4,348	3,795	6,679	4,741	260	4,138	1,789	956
2009–10.....	48,435	15,845	5,409	698	4,318	3,799	6,462	4,638	276	4,411	1,726	851
2010–11.....	48,094	15,669	5,503	713	4,292	3,848	6,355	4,568	244	4,509	1,702	691
<b>2-year</b>												
1999–2000.....	23,051	6,774	135	212	874	2,461	4,718	1,807	462	0	42	5,566
2000–01.....	18,837	6,316	188	195	1,124	2,636	4,629	1,727	506	62	49	1,406
2001–02.....	19,016	6,441	3	233	1,107	2,494	5,048	1,484	491	3	38	1,673
2002–03.....	21,051	6,751	7	245	1,189	2,828	5,545	2,052	427	0	871	1,135
2003–04.....	20,252	6,812	16	258	1,151	2,686	6,143	1,515	584	0	47	1,039
2004–05.....	20,837	7,150	18	230	1,188	3,121	6,003	1,547	634	0	0	945
2005–06.....	20,859	7,894	21	355	1,458	2,609	5,231	1,636	318	0	0	1,335
2006–07.....	21,736	7,310	41	360	1,391	3,013	6,017	1,598	602	0	0	1,403
2007–08.....	21,356	7,375	39	238	1,451	3,055	5,908	1,510	382	0	0	1,398
2008–09.....	20,279	6,790	14	147	1,695	2,795	5,812	1,526	293	0	0	1,206
2009–10.....	19,981	6,742	24	205	1,747	2,815	5,512	1,401	293	0	0	1,242
2010–11.....	18,392	6,177	8	69	1,575	2,548	4,913	885	40	0	0	2,175

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds. These exclusions account for the majority of total student grants.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2011, Enrollment component; and Spring 2002 through Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 415. Total expenditures of private nonprofit degree-granting institutions, by purpose and classification of institution: 2010–11**

Classification of institution	Total	Instruction	Research	Public service	Academic support	Student services	Institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Hospitals	Independent operations	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
In thousands of current dollars												
<b>Total</b> .....	<b>\$152,509,741</b>	<b>\$49,692,506</b>	<b>\$17,378,300</b>	<b>\$2,255,102</b>	<b>\$13,609,316</b>	<b>\$12,239,151</b>	<b>\$20,234,530</b>	<b>\$14,457,573</b>	<b>\$772,177</b>	<b>\$14,239,347</b>	<b>\$5,376,016</b>	<b>\$2,255,722</b>
4-year.....	151,886,926	49,483,331	17,378,015	2,252,753	13,555,980	12,152,861	20,068,168	14,427,590	770,812	14,239,347	5,376,016	2,182,053
Research university, very high <sup>3</sup> ....	71,443,659	21,307,738	14,013,260	856,062	5,130,965	2,616,116	6,127,582	4,543,215	427,281	11,009,339	4,383,366	1,028,735
Research university, high <sup>4</sup> .....	11,212,549	4,084,254	1,023,163	157,033	1,646,432	787,501	1,557,971	1,404,316	30,333	457,155	57,305	7,086
Doctoral/research <sup>5</sup> .....	7,243,048	2,932,893	222,644	120,531	844,660	860,033	1,266,394	925,742	7,139	0	28,159	34,852
Master's <sup>6</sup> .....	25,925,305	10,023,721	281,252	300,521	2,595,412	3,833,375	4,908,171	3,452,806	139,099	103,303	112,233	175,413
Baccalaureate <sup>7</sup> .....	20,764,015	7,367,558	245,651	191,483	1,811,964	3,233,425	3,983,478	3,434,773	110,567	5,963	66,226	312,927
Special-focus institutions <sup>8</sup> .....	15,298,350	3,767,167	1,592,045	627,123	1,526,546	822,412	2,224,572	666,737	56,394	2,663,587	728,728	623,040
Art, music, or design.....	1,811,749	748,990	895	18,166	200,192	186,177	390,765	184,299	5,388	0	27,005	49,872
Business and management.....	529,749	188,721	7,290	0	60,194	72,352	119,420	64,866	224	0	0	16,681
Engineering or technology.....	166,926	71,874	2,913	6	9,446	29,766	35,284	13,777	1,862	0	45	1,954
Law.....	610,245	265,741	6,113	11,730	93,866	77,042	129,384	16,896	1,710	0	2,438	5,325
Medical or other health.....	10,143,395	1,819,918	1,567,409	519,322	976,187	271,620	994,243	190,143	12,166	2,663,587	688,462	440,338
Theological.....	1,681,797	528,349	4,852	55,712	159,730	152,676	467,801	173,147	28,597	0	10,778	100,155
Tribal <sup>9</sup> .....	89,569	30,700	358	4,911	3,709	12,409	22,208	2,262	5,814	0	0	7,199
Other special focus.....	264,919	112,874	2,215	17,276	23,220	20,371	65,467	21,347	634	0	0	1,516
2-year.....	622,815	209,176	285	2,349	53,336	86,290	166,362	29,983	1,365	0	0	73,669
Associate's of arts.....	603,014	206,687	257	2,062	52,134	81,998	158,538	29,547	945	0	0	70,848
Tribal <sup>9</sup> .....	19,801	2,489	29	287	1,202	4,292	7,824	437	420	0	0	2,820
Percentage distribution												
<b>Total</b> .....	<b>100.00</b>	<b>32.58</b>	<b>11.39</b>	<b>1.48</b>	<b>8.92</b>	<b>8.03</b>	<b>13.27</b>	<b>9.48</b>	<b>0.51</b>	<b>9.34</b>	<b>3.53</b>	<b>1.48</b>
4-year.....	100.00	32.58	11.44	1.48	8.93	8.00	13.21	9.50	0.51	9.37	3.54	1.44
Research university, very high <sup>3</sup> ....	100.00	29.82	19.61	1.20	7.18	3.66	8.58	6.36	0.60	15.41	6.14	1.44
Research university, high <sup>4</sup> .....	100.00	36.43	9.13	1.40	14.68	7.02	13.89	12.52	0.27	4.08	0.51	0.06
Doctoral/research <sup>5</sup> .....	100.00	40.49	3.07	1.66	11.66	11.87	17.48	12.78	0.10	0.00	0.39	0.48
Master's <sup>6</sup> .....	100.00	38.66	1.08	1.16	10.01	14.79	18.93	13.32	0.54	0.40	0.43	0.68
Baccalaureate <sup>7</sup> .....	100.00	35.48	1.18	0.92	8.73	15.57	19.18	16.54	0.53	0.03	0.32	1.51
Special-focus institutions <sup>8</sup> .....	100.00	24.62	10.41	4.10	9.98	5.38	14.54	4.36	0.37	17.41	4.76	4.07
Art, music, or design.....	100.00	41.34	0.05	1.00	11.05	10.28	21.57	10.17	0.30	0.00	1.49	2.75
Business and management.....	100.00	35.62	1.38	0.00	11.36	13.66	22.54	12.24	0.04	0.00	0.00	3.15
Engineering or technology.....	100.00	43.06	1.75	#	5.66	17.83	21.14	8.25	1.12	0.00	0.03	1.17
Law.....	100.00	43.55	1.00	1.92	15.38	12.62	21.20	2.77	0.28	0.00	0.40	0.87
Medical or other health.....	100.00	17.94	15.45	5.12	9.62	2.68	9.80	1.87	0.12	26.26	6.79	4.34
Theological.....	100.00	31.42	0.29	3.31	9.50	9.08	27.82	10.30	1.70	0.00	0.64	5.96
Tribal <sup>9</sup> .....	100.00	34.28	0.40	5.48	4.14	13.85	24.79	2.53	6.49	0.00	0.00	8.04
Other special focus.....	100.00	42.61	0.84	6.52	8.77	7.69	24.71	8.06	0.24	0.00	0.00	0.57
2-year.....	100.00	33.59	0.05	0.38	8.56	13.85	26.71	4.81	0.22	0.00	0.00	11.83
Associate's of arts.....	100.00	34.28	0.04	0.34	8.65	13.60	26.29	4.90	0.16	0.00	0.00	11.75
Tribal <sup>9</sup> .....	100.00	12.57	0.15	1.45	6.07	21.68	39.51	2.21	2.12	0.00	0.00	14.24
Expenditure per full-time-equivalent student in current dollars												
<b>Total</b> .....	<b>\$46,419</b>	<b>\$15,125</b>	<b>\$5,289</b>	<b>\$686</b>	<b>\$4,142</b>	<b>\$3,725</b>	<b>\$6,159</b>	<b>\$4,400</b>	<b>\$235</b>	<b>\$4,334</b>	<b>\$1,636</b>	<b>\$687</b>
4-year.....	46,725	15,223	5,346	693	4,170	3,739	6,174	4,438	237	4,380	1,654	671
Research university, very high <sup>3</sup> ....	146,450	43,678	28,725	1,755	10,518	5,363	12,561	9,313	876	22,568	8,985	2,109
Research university, high <sup>4</sup> .....	40,263	14,666	3,674	564	5,912	2,828	5,595	5,043	109	1,642	206	25
Doctoral/research <sup>5</sup> .....	27,462	11,120	844	457	3,202	3,261	4,801	3,510	27	0	107	132
Master's <sup>6</sup> .....	21,400	8,274	232	248	2,142	3,164	4,051	2,850	115	85	93	145
Baccalaureate <sup>7</sup> .....	28,672	10,174	339	264	2,502	4,465	5,501	4,743	153	8	91	432
Special-focus institutions <sup>8</sup> .....	53,698	13,223	5,588	2,201	5,358	2,887	7,808	2,340	198	9,349	2,558	2,187
Art, music, or design.....	34,231	14,151	17	343	3,782	3,518	7,383	3,482	102	0	510	942
Business and management.....	22,060	7,859	304	0	2,507	3,013	4,973	2,701	9	0	0	695
Engineering or technology.....	11,907	5,127	208	#	674	2,123	2,517	983	133	0	3	139
Law.....	33,363	14,529	334	641	5,132	4,212	7,074	924	93	0	133	291
Medical or other health.....	105,676	18,960	16,330	5,410	10,170	2,830	10,358	1,981	127	27,750	7,173	4,588
Theological.....	24,249	7,618	70	803	2,303	2,201	6,745	2,497	412	0	155	1,444
Tribal <sup>9</sup> .....	18,805	6,445	75	1,031	779	2,605	4,663	475	1,221	0	0	1,511
Other special focus.....	47,802	20,367	400	3,117	4,190	3,676	11,813	3,852	114	0	0	273
2-year.....	17,868	6,001	8	67	1,530	2,476	4,773	860	39	0	0	2,114
Associate's of arts.....	17,629	6,043	8	60	1,524	2,397	4,635	864	28	0	0	2,071
Tribal <sup>9</sup> .....	30,416	3,823	44	441	1,847	6,594	12,018	671	645	0	0	4,332

#Rounds to zero.

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds. These exclusions account for the majority of total student grants.

<sup>3</sup>Research universities with a very high level of research activity.

<sup>4</sup>Research universities with a high level of research activity.

<sup>5</sup>Includes institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.

<sup>6</sup>Master's institutions award at least 50 master's degrees per year.

<sup>7</sup>Baccalaureate institutions primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate's degrees.

<sup>8</sup>Special-focus 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

<sup>9</sup>Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE: Relative levels of research activity for research universities were determined by an analysis of research and development expenditures, science and engineering research staffing, and doctoral degrees conferred, by field. Further information on the Carnegie 2005 classification system used in this table may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component; and Spring 2011, Finance component. (This table was prepared November 2012.)

**Table 416. Total expenditures of private for-profit degree-granting institutions, by purpose and level of institution: 1999–2000 through 2010–11**

Year and level of institution	Total	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Other
1	2	3	4	5	6	7	8
In thousands of current dollars							
<b>All levels</b>							
1999–2000.....	\$3,846,246	\$1,171,732	\$24,738	\$2,041,594	\$144,305	\$26,278	\$437,599
2000–01.....	4,235,781	1,310,054	22,896	2,337,151	181,243	43,788	340,649
2001–02.....	5,087,292	1,517,389	16,632	2,977,225	213,195	23,283	339,567
2002–03.....	6,110,378	1,747,725	17,987	3,670,218	240,380	36,031	398,037
2003–04.....	7,364,012	1,883,733	8,606	4,592,730	249,472	56,467	573,004
2004–05.....	8,830,792	2,313,895	7,583	5,693,200	269,883	54,819	491,411
2005–06.....	10,208,845	2,586,870	8,445	6,569,329	276,587	66,569	701,044
2006–07.....	12,152,366	2,884,481	6,087	7,760,044	332,887	68,300	1,100,568
2007–08.....	13,940,442	3,238,406	9,547	9,322,781	421,714	82,072	865,922
2008–09.....	16,364,360	3,871,127	9,939	11,004,500	396,704	44,440	1,037,650
2009–10.....	19,973,659	4,750,829	13,257	13,086,981	466,042	120,215	1,536,334
2010–11.....	22,585,686	5,656,557	19,327	14,851,333	486,343	87,947	1,484,179
<b>4-year</b>							
1999–2000.....	2,022,622	595,976	4,393	1,104,001	92,071	11,805	214,377
2000–01.....	2,414,655	726,328	4,878	1,385,095	113,371	18,519	166,465
2001–02.....	3,046,929	883,899	3,192	1,842,373	134,740	8,229	174,495
2002–03.....	3,754,727	1,030,470	5,339	2,337,388	153,528	14,813	213,190
2003–04.....	4,821,864	1,143,050	3,705	3,108,697	168,069	32,603	365,740
2004–05.....	5,989,792	1,430,196	3,513	4,110,514	180,036	38,639	226,894
2005–06.....	7,218,830	1,680,603	4,065	4,985,531	179,064	54,291	315,276
2006–07.....	8,837,598	1,857,765	4,303	5,909,914	228,624	56,930	780,063
2007–08.....	10,424,536	2,149,651	7,534	7,335,592	312,834	71,324	547,602
2008–09.....	12,399,217	2,580,208	7,629	8,832,095	276,200	33,417	669,669
2009–10.....	15,286,549	3,259,657	10,726	10,587,709	337,501	72,265	1,018,691
2010–11.....	17,139,103	3,925,914	15,582	12,033,229	343,230	75,599	745,548
<b>2-year</b>							
1999–2000.....	1,823,624	575,756	20,345	937,593	52,234	14,473	223,223
2000–01.....	1,821,126	583,727	18,019	952,056	67,872	25,269	174,184
2001–02.....	2,040,363	633,490	13,440	1,134,853	78,455	15,054	165,071
2002–03.....	2,355,650	717,255	12,648	1,332,830	86,853	21,218	184,846
2003–04.....	2,542,148	740,683	4,901	1,484,033	81,403	23,864	207,264
2004–05.....	2,840,999	883,699	4,070	1,582,687	89,846	16,181	264,517
2005–06.....	2,990,015	906,267	4,381	1,583,798	97,523	12,278	385,768
2006–07.....	3,314,768	1,026,716	1,784	1,850,129	104,264	11,370	320,505
2007–08.....	3,515,906	1,088,755	2,014	1,987,189	108,880	10,747	318,320
2008–09.....	3,965,143	1,290,919	2,310	2,172,405	120,504	11,023	367,981
2009–10.....	4,687,110	1,491,172	2,531	2,499,272	128,542	47,950	517,643
2010–11.....	5,446,582	1,730,642	3,744	2,818,104	143,113	12,347	738,631
Percentage distribution							
<b>All levels</b>							
1999–2000.....	100.00	30.46	0.64	53.08	3.75	0.68	11.38
2000–01.....	100.00	30.93	0.54	55.18	4.28	1.03	8.04
2001–02.....	100.00	29.83	0.33	58.52	4.19	0.46	6.67
2002–03.....	100.00	28.60	0.29	60.07	3.93	0.59	6.51
2003–04.....	100.00	25.58	0.12	62.37	3.39	0.77	7.78
2004–05.....	100.00	26.20	0.09	64.47	3.06	0.62	5.56
2005–06.....	100.00	25.34	0.08	64.35	2.71	0.65	6.87
2006–07.....	100.00	23.74	0.05	63.86	2.74	0.56	9.06
2007–08.....	100.00	23.23	0.07	66.88	3.03	0.59	6.21
2008–09.....	100.00	23.66	0.06	67.25	2.42	0.27	6.34
2009–10.....	100.00	23.79	0.07	65.52	2.33	0.60	7.69
2010–11.....	100.00	25.04	0.09	65.76	2.15	0.39	6.57
<b>4-year</b>							
1999–2000.....	100.00	29.47	0.22	54.58	4.55	0.58	10.60
2000–01.....	100.00	30.08	0.20	57.36	4.70	0.77	6.89
2001–02.....	100.00	29.01	0.10	60.47	4.42	0.27	5.73
2002–03.....	100.00	27.44	0.14	62.25	4.09	0.39	5.68
2003–04.....	100.00	23.71	0.08	64.47	3.49	0.68	7.59
2004–05.....	100.00	23.88	0.06	68.63	3.01	0.65	3.79
2005–06.....	100.00	23.28	0.06	69.06	2.48	0.75	4.37
2006–07.....	100.00	21.02	0.05	66.87	2.59	0.64	8.83
2007–08.....	100.00	20.62	0.07	70.37	3.00	0.68	5.25
2008–09.....	100.00	20.81	0.06	71.23	2.23	0.27	5.40
2009–10.....	100.00	21.32	0.07	69.26	2.21	0.47	6.66
2010–11.....	100.00	22.91	0.09	70.21	2.00	0.44	4.35

See notes at end of table.

**Table 416. Total expenditures of private for-profit degree-granting institutions, by purpose and level of institution: 1999–2000 through 2010–11—Continued**

Year and level of institution	Total	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Other
1	2	3	4	5	6	7	8
<b>2-year</b>							
1999–2000.....	100.00	31.57	1.12	51.41	2.86	0.79	12.24
2000–01.....	100.00	32.05	0.99	52.28	3.73	1.39	9.56
2001–02.....	100.00	31.05	0.66	55.62	3.85	0.74	8.09
2002–03.....	100.00	30.45	0.54	56.58	3.69	0.90	7.85
2003–04.....	100.00	29.14	0.19	58.38	3.20	0.94	8.15
2004–05.....	100.00	31.11	0.14	55.71	3.16	0.57	9.31
2005–06.....	100.00	30.31	0.15	52.97	3.26	0.41	12.90
2006–07.....	100.00	30.97	0.05	55.81	3.15	0.34	9.67
2007–08.....	100.00	30.97	0.06	56.52	3.10	0.31	9.05
2008–09.....	100.00	32.56	0.06	54.79	3.04	0.28	9.28
2009–10.....	100.00	31.81	0.05	53.32	2.74	1.02	11.04
2010–11.....	100.00	31.77	0.07	51.74	2.63	0.23	13.56
Total expenditures per full-time-equivalent student in constant 2011–12 dollars <sup>3</sup>							
<b>All levels</b>							
1999–2000.....	\$13,442	\$4,095	\$86	\$7,135	\$504	\$92	\$1,529
2000–01.....	12,059	3,730	65	6,654	516	125	970
2001–02.....	14,231	4,245	47	8,329	596	65	950
2002–03.....	14,122	4,039	42	8,483	556	83	920
2003–04.....	13,918	3,560	16	8,680	471	107	1,083
2004–05.....	13,302	3,486	11	8,576	407	83	740
2005–06.....	12,964	3,285	11	8,342	351	85	890
2006–07.....	14,358	3,408	7	9,169	393	81	1,300
2007–08.....	14,541	3,378	10	9,724	440	86	903
2008–09.....	13,621	3,222	8	9,160	330	37	864
2009–10.....	13,056	3,105	9	8,554	305	79	1,004
2010–11.....	14,111	3,534	12	9,279	304	55	927
<b>4-year</b>							
1999–2000.....	13,023	3,837	28	7,108	593	76	1,380
2000–01.....	13,762	4,139	28	7,894	646	106	949
2001–02.....	14,074	4,083	15	8,510	622	38	806
2002–03.....	13,573	3,725	19	8,449	555	54	771
2003–04.....	13,807	3,273	11	8,902	481	93	1,047
2004–05.....	12,842	3,066	8	8,813	386	83	486
2005–06.....	12,462	2,901	7	8,607	309	94	544
2006–07.....	13,992	2,941	7	9,356	362	90	1,235
2007–08.....	14,202	2,929	10	9,994	426	97	746
2008–09.....	13,414	2,791	8	9,555	299	36	724
2009–10.....	12,997	2,771	9	9,002	287	61	866
2010–11.....	14,066	3,222	13	9,875	282	62	612
<b>2-year</b>							
1999–2000.....	13,940	4,401	156	7,167	399	111	1,706
2000–01.....	14,359	4,603	142	7,507	535	199	1,373
2001–02.....	14,473	4,494	95	8,050	557	107	1,171
2002–03.....	15,096	4,597	81	8,542	557	136	1,185
2003–04.....	14,133	4,118	27	8,250	453	133	1,152
2004–05.....	14,388	4,476	21	8,016	455	82	1,340
2005–06.....	14,362	4,353	21	7,607	468	59	1,853
2006–07.....	15,437	4,781	8	8,616	486	53	1,493
2007–08.....	15,645	4,845	9	8,843	485	48	1,416
2008–09.....	14,309	4,659	8	7,840	435	40	1,328
2009–10.....	13,251	4,216	7	7,066	363	136	1,463
2010–11.....	14,254	4,529	10	7,375	375	32	1,933

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition and fee allowances and agency transactions, such as student awards made from contributed funds or grant funds.

<sup>3</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment Survey" (IPEDS-EF:99), and Spring 2001 through Spring 2012, Enrollment and Finance components. (This table was prepared November 2012.)

**Table 417. Total expenditures of private for-profit degree-granting institutions, by purpose and classification of institution: 2010–11**

Classification of institution	Total	Instruction	Research and public service	Student services, academic and institutional support	Auxiliary enterprises <sup>1</sup>	Net grant aid to students <sup>2</sup>	Other
1	2	3	4	5	6	7	8
In thousands of current dollars							
<b>Total</b> .....	<b>\$22,585,686</b>	<b>\$5,656,557</b>	<b>\$19,327</b>	<b>\$14,851,333</b>	<b>\$486,343</b>	<b>\$87,947</b>	<b>\$1,484,179</b>
4-year.....	17,139,103	3,925,914	15,582	12,033,229	343,230	75,599	745,548
Doctoral/research <sup>3</sup> .....	3,363,792	567,883	2,855	2,751,632	4,469	0	36,953
Master's <sup>4</sup> .....	4,832,091	1,172,736	591	3,364,201	68,339	27,096	199,128
Baccalaureate <sup>5</sup> .....	2,095,640	669,207	4,542	1,263,963	38,335	4,370	115,223
Special-focus institutions <sup>6</sup> .....	6,847,581	1,516,089	7,595	4,653,433	232,087	44,133	394,244
Art, music, or design.....	2,295,909	541,187	3,882	1,464,700	158,007	124	128,008
Business and management.....	2,271,761	430,309	631	1,688,415	38,584	34,439	79,382
Engineering or technology.....	1,506,434	341,325	3	1,115,270	13,301	1,804	34,731
Law.....	146,013	37,607	1,205	59,205	241	7,192	40,564
Medical or other health.....	452,333	123,619	677	279,543	2,751	574	45,170
Other special focus.....	175,130	42,041	1,196	46,301	19,204	0	66,388
2-year.....	5,446,582	1,730,642	3,744	2,818,104	143,113	12,347	738,631
Percentage distribution							
<b>Total</b> .....	<b>100.00</b>	<b>25.04</b>	<b>0.09</b>	<b>65.76</b>	<b>2.15</b>	<b>0.39</b>	<b>6.57</b>
4-year.....	100.00	22.91	0.09	70.21	2.00	0.44	4.35
Doctoral/research <sup>3</sup> .....	100.00	16.88	0.08	81.80	0.13	0.00	1.10
Master's <sup>4</sup> .....	100.00	24.27	0.01	69.62	1.41	0.56	4.12
Baccalaureate <sup>5</sup> .....	100.00	31.93	0.22	60.31	1.83	0.21	5.50
Special-focus institutions <sup>6</sup> .....	100.00	22.14	0.11	67.96	3.39	0.64	5.76
Art, music, or design.....	100.00	23.57	0.17	63.80	6.88	0.01	5.58
Business and management.....	100.00	18.94	0.03	74.32	1.70	1.52	3.49
Engineering or technology.....	100.00	22.66	0.00	74.03	0.88	0.12	2.31
Law.....	100.00	25.76	0.83	40.55	0.16	4.93	27.78
Medical or other health.....	100.00	27.33	0.15	61.80	0.61	0.13	9.99
Other special focus.....	100.00	24.01	0.68	26.44	10.97	0.00	37.91
2-year.....	100.00	31.77	0.07	51.74	2.63	0.23	13.56
Expenditure per full-time-equivalent student in current dollars							
<b>Total</b> .....	<b>\$13,709</b>	<b>\$3,433</b>	<b>\$12</b>	<b>\$9,014</b>	<b>\$295</b>	<b>\$53</b>	<b>\$901</b>
4-year.....	13,665	3,130	12	9,594	274	60	594
Doctoral/research <sup>3</sup> .....	8,868	1,497	8	7,254	12	0	97
Master's <sup>4</sup> .....	12,502	3,034	2	8,704	177	70	515
Baccalaureate <sup>5</sup> .....	15,847	5,061	34	9,558	290	33	871
Special-focus institutions <sup>6</sup> .....	19,228	4,257	21	13,067	652	124	1,107
Art, music, or design.....	22,866	5,390	39	14,588	1,574	1	1,275
Business and management.....	16,752	3,173	5	12,451	285	254	585
Engineering or technology.....	17,139	3,883	0	12,689	151	21	395
Law.....	30,896	7,957	255	12,527	51	1,522	8,583
Medical or other health.....	21,263	5,811	32	13,141	129	27	2,123
Other special focus.....	28,165	6,761	192	7,446	3,088	0	10,677
2-year.....	13,849	4,400	10	7,165	364	31	1,878

<sup>1</sup>Essentially self-supporting operations of institutions that furnish a service to students, faculty, or staff, such as residence halls and food services.

<sup>2</sup>Excludes tuition, fee, and auxiliary enterprise allowances and agency transactions, such as student awards made from contributed funds or grant funds.

<sup>3</sup>Includes institutions that award at least 20 doctor's degrees per year, but did not have high levels of research activity.

<sup>4</sup>Master's institutions award at least 50 master's degrees per year.

<sup>5</sup>Baccalaureate institutions primarily emphasize undergraduate education. Also includes institutions classified as 4-year under the IPEDS system, which had been classified as 2-year in the Carnegie classification system because they primarily award associate's degrees.

<sup>6</sup>Special focus 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology, and engineering.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Further information on the Carnegie 2005 classification system used in this table may be obtained from <http://classifications.carnegiefoundation.org/resources/>. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2011, Enrollment component; and Spring 2012, Finance component. (This table was prepared November 2012.)

**Table 418. Total expenditures of private nonprofit and for-profit degree-granting institutions, by state or jurisdiction: Selected years, 1999–2000 through 2010–11**

[In thousands of current dollars]

State or jurisdiction	Nonprofit institutions						For-profit institutions					
	1999–2000	2004–05	2007–08	2008–09	2009–10	2010–11	1999–2000	2004–05	2007–08	2008–09	2009–10	2010–11
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States ...</b>	<b>\$80,613,037</b>	<b>\$110,394,127</b>	<b>\$133,503,539</b>	<b>\$141,349,229</b>	<b>\$145,141,785</b>	<b>\$152,509,741</b>	<b>\$3,846,246</b>	<b>\$8,830,792</b>	<b>\$13,940,442</b>	<b>\$16,364,360</b>	<b>\$19,973,659</b>	<b>\$22,585,686</b>
Alabama .....	393,465	459,250	525,506	546,535	561,968	583,205	88,190	60,629	75,320	98,444	139,366	244,943
Alaska .....	19,042	21,076	15,338	17,211	16,249	18,319	3,559	3,986	6,275	9,109	19,302	41,245
Arizona .....	143,698	147,825	156,501	165,960	176,443	212,911	278,286	1,095,783	2,246,491	2,722,216	3,412,261	3,623,551
Arkansas .....	230,860	239,357	275,135	287,259	289,868	322,896	5,828	11,574	20,364	26,615	31,263	27,834
California .....	7,871,651	10,728,872	12,868,260	13,421,736	13,925,287	14,557,205	666,020	1,243,346	1,742,128	2,047,729	2,552,449	2,952,470
Colorado .....	376,887	524,349	617,099	632,322	627,123	659,716	154,801	320,550	576,748	611,882	661,384	736,387
Connecticut .....	2,094,981	2,882,963	3,599,071	3,858,956	3,975,262	4,127,051	18,110	41,931	47,948	52,340	59,726	80,628
Delaware .....	52,533	87,617	114,940	124,757	132,851	141,186	†	†	†	†	4,042	4,957
District of Columbia ..	2,267,409	2,824,081	3,382,416	3,715,850	3,687,042	3,724,430	59,375	127,859	258,686	328,919	66,677	77,469
Florida .....	2,031,623	3,067,443	4,053,067	4,523,485	4,592,898	5,071,442	315,721	781,280	1,194,823	1,379,974	1,825,704	1,982,163
Georgia .....	2,635,438	3,442,374	4,070,825	4,340,833	4,497,299	4,796,550	106,794	261,219	395,565	509,600	675,496	783,834
Hawaii .....	209,135	195,152	204,318	214,383	210,680	231,683	9,422	24,996	28,731	37,439	34,299	41,754
Idaho .....	118,150	164,694	199,378	219,607	228,589	242,764	5,932	13,073	17,119	23,649	32,602	51,944
Illinois .....	5,668,566	7,113,842	8,659,351	9,088,501	9,512,165	10,095,051	166,956	620,678	939,766	988,986	1,100,032	1,054,104
Indiana .....	1,343,315	1,796,767	2,099,562	2,185,735	2,251,554	2,360,297	89,932	211,310	360,238	433,600	591,600	726,450
Iowa .....	740,760	921,320	1,096,403	1,143,991	1,156,393	1,188,889	34,311	146,688	502,716	758,054	1,002,405	1,269,406
Kansas .....	208,729	265,476	339,399	357,557	364,286	381,327	9,156	11,213	26,927	35,743	47,645	57,986
Kentucky .....	400,513	470,392	555,967	589,525	597,495	637,466	55,010	114,564	159,716	187,046	242,672	285,217
Louisiana .....	746,629	940,075	893,334	1,032,490	1,089,736	1,137,685	31,675	70,241	79,405	89,353	111,844	104,007
Maine .....	316,114	422,938	511,073	530,015	552,463	592,174	7,137	5,648	11,578	11,192	12,409	14,411
Maryland .....	2,205,880	3,497,182	4,182,593	4,547,357	4,792,089	5,069,546	5,354	41,717	58,370	70,854	115,071	118,794
Massachusetts .....	7,591,344	10,799,206	13,093,562	13,916,336	13,862,598	14,533,360	34,893	64,126	88,955	103,384	118,526	130,488
Michigan .....	995,384	1,327,051	1,532,229	1,563,761	1,638,367	1,680,792	25,340	55,391	84,783	100,224	120,070	142,261
Minnesota .....	1,004,427	1,297,457	1,542,479	1,626,949	1,622,869	1,664,254	123,571	325,758	685,848	784,964	928,396	1,092,542
Mississippi .....	150,123	178,142	205,197	221,582	225,484	234,795	†	8,369	24,669	16,466	21,061	26,002
Missouri .....	2,144,299	3,128,635	3,671,592	3,864,444	3,958,548	4,203,742	100,307	196,447	344,635	277,715	331,391	426,479
Montana .....	69,426	91,446	102,845	104,336	116,161	132,829	†	†	†	†	†	†
Nebraska .....	387,569	557,724	687,153	699,561	709,182	731,588	12,051	25,524	36,176	34,999	42,559	42,926
Nevada .....	7,006	9,637	37,411	43,433	73,701	85,024	29,278	104,949	123,251	118,434	143,358	156,577
New Hampshire .....	589,823	883,914	1,071,230	1,073,128	1,085,570	1,115,169	21,831	41,599	48,467	47,523	36,737	47,598
New Jersey .....	1,362,090	1,873,156	2,300,613	2,472,048	2,591,234	2,681,051	61,109	85,429	91,612	115,467	126,833	137,408
New Mexico .....	54,280	54,076	60,922	31,149	30,447	31,564	25,806	35,073	45,591	111,888	83,708	104,193
New York .....	12,519,671	17,680,799	21,721,660	22,892,724	23,511,385	24,664,171	326,329	624,764	667,775	718,608	762,214	876,944
North Carolina .....	3,530,337	4,808,306	5,904,228	6,272,149	6,452,783	6,890,504	4,041	38,078	76,722	116,192	186,514	242,098
North Dakota .....	56,000	88,860	97,781	94,477	87,938	93,751	1,145	7,885	12,014	14,835	20,198	18,456
Ohio .....	2,211,035	3,017,764	3,431,802	3,551,098	3,582,655	3,732,414	122,531	232,685	367,147	437,588	564,498	636,245
Oklahoma .....	338,276	392,427	479,382	515,934	523,630	550,897	32,527	72,537	85,333	103,780	110,336	129,544
Oregon .....	456,683	550,322	671,348	706,683	734,883	790,331	23,175	86,156	101,677	118,604	120,490	131,966
Pennsylvania .....	7,590,629	9,960,675	12,039,799	12,681,659	13,154,197	13,800,521	306,135	530,515	677,975	706,505	842,052	935,748
Rhode Island .....	828,715	1,237,106	1,468,749	1,554,627	1,564,624	1,596,480	4,519	10,073	9,076	7,084	†	†
South Carolina .....	408,127	563,952	763,573	786,592	680,369	717,448	6,627	18,374	53,667	69,377	226,848	273,395
South Dakota .....	69,555	99,575	117,465	117,711	119,974	125,637	18,061	23,477	30,502	30,354	41,594	47,972
Tennessee .....	1,971,564	3,140,336	3,970,594	4,262,494	4,500,016	4,801,285	50,921	142,256	211,102	245,140	331,287	346,050
Texas .....	2,490,597	3,379,710	4,002,023	4,283,965	4,376,280	4,665,642	172,327	343,221	481,695	677,625	803,401	851,581
Utah .....	648,035	867,956	971,056	962,042	1,012,997	1,061,194	36,348	62,880	103,675	115,801	144,226	206,186
Vermont .....	347,293	510,623	670,263	762,710	717,199	754,383	24,841	24,914	23,478	24,079	17,126	16,242
Virginia .....	944,905	1,311,743	1,587,241	1,686,972	1,841,075	1,737,579	65,804	258,642	380,405	443,621	614,287	678,326
Washington .....	600,315	778,678	921,089	964,938	988,571	1,034,761	51,134	104,107	123,645	140,546	161,645	178,364
West Virginia .....	170,653	181,181	201,405	201,699	211,877	222,031	17,926	28,634	90,811	121,720	165,043	214,223
Wisconsin .....	999,502	1,410,625	1,759,315	1,889,964	1,929,430	2,024,751	16,333	36,044	81,610	102,556	131,140	170,376
Wyoming .....	†	†	†	†	†	†	19,766	34,596	39,235	36,535	39,869	45,942
<b>Other jurisdictions..</b>	<b>431,216</b>	<b>615,990</b>	<b>726,558</b>	<b>727,264</b>	<b>742,820</b>	<b>793,439</b>	<b>56,116</b>	<b>70,535</b>	<b>105,094</b>	<b>116,452</b>	<b>116,452</b>	<b>260,512</b>
Guam .....	†	1,535	2,091	3,680	2,551	2,215	†	†	†	†	†	†
Puerto Rico .....	431,216	614,455	724,467	723,583	740,269	791,224	56,116	70,535	105,094	116,452	116,452	260,512

†Not applicable.

NOTE: Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Spring 2001 through Spring 2012, Finance component. (This table was prepared November 2012.)





## CHAPTER 4

# Federal Programs for Education and Related Activities

This chapter provides a summary of federal legislation and funding for education that describes the scope and variety of federal education programs. Data in this chapter primarily reflect outlays and appropriations of federal agencies. These tabulations differ from federal receipts reported in other chapters because of numerous variations in the data collection systems. Federal dollars are not necessarily spent by recipient institutions in the same year in which they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds are not included in regular surveys, censuses, and administrative data collections conducted by the National Center for Education Statistics (NCES). Thus, the federal programs data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should also be careful about comparing the data on obligations shown in table 426 with the data on outlays and appropriations appearing in other tables in this chapter.

Federal on-budget funding (federal appropriations) for education increased 389 percent from fiscal year (FY) 1965 to FY 2011, after adjustment for inflation (table D, table 419, and figure 19). From FY 1965 to FY 1975, federal on-budget funding for education increased by 145 percent. From FY 1975 to FY 1985, there was a decrease of 17 percent. Thereafter, federal on-budget funding for education generally increased. From FY 1990 to FY 2000, after adjustment for inflation, federal on-budget funding for education increased by 30 percent. From FY 2000 to FY 2011, it increased by 64 percent.

Between FY 1990 and FY 2000, after adjustment for inflation, federal on-budget funding increased for three of the four major categories reported: elementary and secondary education (by 55 percent), other education (by 26 percent), and research at educational institutions (by 34 percent) (table D, table 419, and figure 19). During the same period, funding for postsecondary education decreased by 14 percent. From FY 2000 to FY 2011, after adjustment for inflation, federal on-budget funding showed a net increase of 34 percent for elementary and secondary education, 227 percent for postsecondary education, 53 percent for other education, and 15 percent for research at educational institutions. In FY 2009, federal on-budget funding for elementary and secondary edu-

**Table D. Federal on-budget funding for education, by category:**  
**Selected fiscal years, 1965 through 2011**

[In billions of constant fiscal year 2012 dollars]

Year	Total	Elementary/ secondary	Post- secondary	Other education	Research at educational institutions
1965 .....	\$38.9	\$14.2	\$8.7	\$2.7	\$13.2
1975 .....	95.2	43.4	31.3	6.6	14.0
1980 .....	94.4	43.8	30.4	4.2	15.9
1985 .....	78.6	34.0	22.5	4.2	17.8
1990 .....	89.1	38.0	23.6	5.8	21.8
1995 .....	105.9	49.7	26.0	7.0	23.2
2000 .....	115.8	59.0	20.2	7.4	29.2
2005 .....	172.7	81.5	45.6	8.2	37.5
2011 .....	189.9	78.8	66.1	11.3	33.6

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service and National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, various FYs. National Science Foundation, *Federal Funds for Research and Development*, various FYs.

cation was at a record-high level (\$172.8 billion in FY 2012 dollars) due to funds from the American Recovery and Reinvestment Act of 2009 (ARRA).<sup>1</sup> For FY 2012, federal program funds were estimated to be \$79.0 billion for elementary and secondary education, \$69.9 billion for postsecondary education, and \$9.6 billion for other education programs (table 421). (FY 2012 data on research at educational institutions were not available at the time this publication was prepared.)

After adjustment for inflation, off-budget support (federal support for education not tied to appropriations) and nonfederal funds generated by federal legislation (e.g., private loans, grants, and aid) showed an increase of 134 percent between FY 1990 (\$19.3 billion in FY 2012 dollars) and FY 2000 (\$45.3 billion in FY 2012 dollars) (table 419). In FY 2011, these same funds totaled \$112.1 billion in FY 2012 dollars, an increase of 148 percent over FY 2000. In FY 2012, these funds were an estimated \$121.2 billion.

In FY 2011, federal on-budget funds for education totaled \$185.2 billion in current dollars (figure 20 and table 420). The U.S. Department of Education provided about 51 percent (\$93.8 billion) of this total. Funds exceeding \$1 billion also came from the U.S. Department of Health and Human Services (\$29.3 billion), the U.S. Department of Agriculture (\$20.4 bil-

<sup>1</sup>Throughout this chapter, all education funds from ARRA are included in FY 2009. Most of these funds had a 2-year availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010.

lion), the U.S. Department of Veterans Affairs (\$10.3 billion), the U.S. Department of Defense (\$6.8 billion), the U.S. Department of Labor (\$6.1 billion), the National Science Foundation (\$5.3 billion), the U.S. Department of Energy (\$3.1 billion), the U.S. Department of Homeland Security (\$2.1 billion), and the National Aeronautics and Space Administration (\$1.8 billion).

In FY 2011, educational institutions (including local education agencies, state education agencies, and degree-granting institutions) received an estimated 62 percent (\$115.7 billion in current dollars) of on-budget federal program funds for education (table 422). Another 21 percent (\$39.8 billion) was used for postsecondary student support. Other education organizations (including Head Start programs at child care centers, Job Corps and other vocational programs, adult basic education programs, and federal programs at libraries and museums) received 11 percent (\$21.3 billion) of on-budget federal program funds for education. Federal institutions received 4 percent (\$6.8 billion). Other recipients (including American Indian tribes, private non-profit agencies, and banks) received 1 percent (\$1.6 billion) of on-budget federal program funds for education.

Of the \$99.1 billion in current dollars spent by the U.S. Department of Education in FY 2012, about 30 percent (\$29.8 billion) went to local education agencies (school districts) and 7 percent (\$7.2 billion) to state education agencies (table 423 and figure 21). About 27 percent (\$26.7 billion) went to postsecondary institutions and another 29 percent (\$29.1 billion) to postsecondary students. Smaller percentages (totaling 6 percent) went to federal institutions, other education organizations, and other recipients. Local education agencies received a smaller percentage of U.S. Department of Education expenditures in FY 2012 than in FY 2011 (30 percent vs. 32 percent).

## Chronology of Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

- 1787** *Northwest Ordinance* authorized land grants for the establishment of educational institutions.
- 1802** *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)
- 1862** *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.
- 1867** *Department of Education Act* authorized the establishment of the U.S. Department of Education.<sup>2</sup>
- 1876** *Appropriation Act*, U.S. Department of the Treasury, established the U.S. Coast Guard Academy.

<sup>2</sup>The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96-88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

- 1890** *Second Morrill Act* provided for money grants for support of instruction in the agricultural and mechanical colleges.
- 1911** *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified state seaport cities.
- 1917** *Smith-Hughes Act* provided for grants to states for support of vocational education.
- 1918** *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.
- 1920** *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.
- 1935** *Bankhead-Jones Act* (Public Law 74-182) authorized grants to states for agricultural experiment stations.
- Agricultural Adjustment Act* (Public Law 74-320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.
- 1936** *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74-415) established the U.S. Merchant Marine Academy.
- 1937** *National Cancer Institute Act* established the Public Health Service fellowship program.
- 1941** *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.
- 1943** *Vocational Rehabilitation Act* (Public Law 78-16) provided assistance to disabled veterans.
- School Lunch Indemnity Plan* (Public Law 78-129) provided funds for local lunch food purchases.
- 1944** *Servicemen's Readjustment Act* (Public Law 78-346), known as the GI Bill, provided assistance for the education of veterans.
- Surplus Property Act* (Public Law 78-457) authorized transfer of surplus property to educational institutions.
- 1946** *National School Lunch Act* (Public Law 79-396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and expansion of nonprofit school lunch programs.
- George-Barden Act* (Public Law 80-402) expanded federal support of vocational education.
- 1948** *United States Information and Educational Exchange Act* (Public Law 80-402) provided for the interchange of persons, knowledge, and skills between the United States and other countries.

- 1949** *Federal Property and Administrative Services Act* (Public Law 81-152) provided for donation of surplus property to educational institutions and for other public purposes.
- 1950** *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Public Law 81-815 and Public Law 81-874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.
- Housing Act* (Public Law 81-475) authorized loans for construction of college housing facilities.
- 1954** *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83-325) established the U.S. Air Force Academy.
- Educational Research Act* (Public Law 83-531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.
- School Milk Program Act* (Public Law 83-597) provided funds for purchase of milk for school lunch programs.
- 1956** *Library Services Act* (Public Law 84-597) provided grants to states for extension and improvement of rural public library services.
- 1957** *Practical Nurse Training Act* (Public Law 84-911) provided grants to states for practical nurse training.
- 1958** *National Defense Education Act* (Public Law 85-864) provided assistance to state and local school systems for instruction in science, mathematics, modern foreign languages, and other critical subjects; state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships as well as foreign language study and training; experimentation and dissemination of information on more effective use of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.
- Education of Mentally Retarded Children Act* (Public Law 85-926) authorized federal assistance for training teachers of the disabled.
- Captioned Films for the Deaf Act* (Public Law 85-905) authorized a loan service of captioned films for the deaf.
- 1961** *Area Redevelopment Act* (Public Law 87-27) included provisions for training or retraining of persons in redevelopment areas.
- 1962** *Manpower Development and Training Act* (Public Law 87-415) provided training in new and improved skills for the unemployed and underemployed.
- Migration and Refugee Assistance Act of 1962* (Public Law 87-510) authorized loans, advances, and grants for education and training of refugees.
- 1963** *Health Professions Educational Assistance Act of 1963* (Public Law 88-129) provided funds to expand teaching facilities and for loans to students in the health professions.
- Vocational Education Act of 1963* (Part of Public Law 88-210) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.
- Higher Education Facilities Act of 1963* (Public Law 88-204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other institutions of higher education.
- 1964** *Civil Rights Act of 1964* (Public Law 88-352) authorized the Commissioner of Education to arrange for support for institutions of higher education and school districts to provide inservice programs for assisting instructional staff in dealing with problems caused by desegregation.
- Economic Opportunity Act of 1964* (Public Law 88-452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).
- 1965** *Elementary and Secondary Education Act of 1965* (Public Law 89-10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.
- Health Professions Educational Assistance Amendments of 1965* (Public Law 89-290) authorized scholarships to aid needy students in the health professions.
- Higher Education Act of 1965* (Public Law 89-329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.
- National Foundation on the Arts and the Humanities Act* (Public Law 89-209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.

*National Technical Institute for the Deaf Act* (Public Law 89-36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.

*School Assistance in Disaster Areas Act* (Public Law 89-313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

- 1966** *International Education Act* (Public Law 89-698) provided grants to institutions of higher education for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.

*National Sea Grant College and Program Act* (Public Law 89-688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.

*Adult Education Act* (Public Law 89-750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).

*Model Secondary School for the Deaf Act* (Public Law 89-694) authorized the establishment and operation, by Gallaudet College, of a model secondary school for the deaf.

- 1967** *Education Professions Development Act* (Public Law 90-35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.

*Public Broadcasting Act of 1967* (Public Law 90-129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and educational television networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.

- 1968** *Elementary and Secondary Education Amendments of 1968* (Public Law 90-247) modified existing programs and authorized support of regional centers for education of children with disabilities, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of the disabled; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.

*Handicapped Children's Early Education Assistance Act* (Public Law 90-538) authorized preschool and early education programs for disabled children.

*Vocational Education Amendments of 1968* (Public Law 90-576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for programs administered by the Commissioner of Education.

- 1970** *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91-230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.

*National Commission on Libraries and Information Services Act* (Public Law 91-345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.

*Office of Education Appropriation Act* (Public Law 91-380) provided emergency school assistance to desegregating local education agencies.

*Environmental Education Act* (Public Law 91-516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary/secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.

*Drug Abuse Education Act of 1970* (Public Law 91-527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.

- 1971** *Comprehensive Health Manpower Training Act of 1971* (Public Law 92-257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.

- 1972** *Drug Abuse Office and Treatment Act of 1972* (Public Law 92-255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of people with drug-abuse problems; and, in December 1974, a National Institute on Drug Abuse.

*Education Amendments of 1972* (Public Law 92-318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for institutions of higher education; federal matching grants for state Student Incentive Grants; a National

Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

- 1973** *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93-29) made available to older citizens comprehensive programs of health, education, and social services.

*Comprehensive Employment and Training Act of 1973* (Public Law 93-203) provided for opportunities for employment and training to unemployed and underemployed people. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

- 1974** *Education Amendments of 1974* (Public Law 93-380) provided for the consolidation of certain programs; and established a National Center for Education Statistics.

*Juvenile Justice and Delinquency Prevention Act of 1974* (Public Law 93-415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a National Institute for Juvenile Justice and Delinquency Prevention.

- 1975** *Indian Self-Determination and Education Assistance Act* (Public Law 93-638) provided for increased participation of Indians in the establishment and conduct of their education programs and services.

*Harry S Truman Memorial Scholarship Act* (Public Law 93-642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for young Americans to prepare and pursue careers in public service.

*Education for All Handicapped Children Act* (Public Law 94-142) provided that all children with disabilities have available to them a free appropriate education designed to meet their unique needs.

- 1976** *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94-309) established a telecommunications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

- 1977** *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95-93) established a youth employment training program including, among other activities, promoting education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

*Career Education Incentive Act* (Public Law 95-207) authorized the establishment of a career education program for elementary and secondary schools.

- 1978** *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95-471) provided federal funds for the operation and improvement of tribally controlled community colleges for Indian students.

*Middle Income Student Assistance Act* (Public Law 95-566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income students attending college or other postsecondary institutions to qualify for federal education assistance.

- 1979** *Department of Education Organization Act* (Public Law 96-88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare (HEW) along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

- 1980** *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96-270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

- 1981** *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97-35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

- 1983** *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98-79) established an 8 percent interest rate for Guaranteed Student Loans and an extended Family Contribution Schedule.

*Challenge Grant Amendments of 1983* (Public Law 98-95) amended Title III, Higher Education Act, and added authorization of the Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

*Education of the Handicapped Act Amendments of 1983* (Public Law 98-199) added the Architectural Barrier amendment and clarified participation of children with disabilities in private schools.

- 1984** *Education for Economic Security Act* (Public Law 98-377) added new science and mathematics programs

for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

*Carl D. Perkins Vocational Education Act* (Public Law 98-524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs accessible to all people, including disabled and disadvantaged, single parents and homemakers, and the incarcerated.

*Human Services Reauthorization Act* (Public Law 98-558) created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.

- 1985** *Montgomery GI Bill—Active Duty* (Public Law 98-525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.

*Montgomery GI Bill—Selected Reserve* (Public Law 98-525), established an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.

- 1986** *Handicapped Children's Protection Act of 1986* (Public Law 99-372) allowed parents of children with disabilities to collect attorneys' fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.

*Drug-Free Schools and Communities Act of 1986* (Part of Public Law 99-570) established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.

- 1988** *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100-297) reauthorized through 1993 major elementary and secondary education programs, including Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.

*Stewart B. McKinney Homeless Assistance Amendments Act of 1988* (Public Law 100-628) extended for 2 additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.

*Tax Reform Technical Amendments* (Public Law 100-647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The

bill grants tax exclusion for interest earned on regular series EE savings bonds.

- 1989** *Childhood Education and Development Act of 1989* (Part of Public Law 101-239) authorized the appropriations to expand Head Start programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.

- 1990** *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101-589) created a national mathematics and science clearinghouse and created several other mathematics, science, and engineering education programs.

*Student Right-To-Know and Campus Security Act* (Public Law 101-542) required institutions of higher education receiving federal financial assistance to provide certain information with respect to the graduation rates of student-athletes at such institutions.

*Americans with Disabilities Act of 1990* (Public Law 101-336) prohibited discrimination against persons with disabilities.

*National and Community Service Act of 1990* (Public Law 101-610) increased school and college-based community service opportunities and authorized the President's Points of Light Foundation.

- 1991** *National Literacy Act of 1991* (Public Law 102-73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.

*High-Performance Computing Act of 1991* (Public Law 102-194) directed the President to implement a National High-Performance Computing Program. Provided for (1) establishment of a National Research and Education Network; (2) standards and guidelines for high-performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.

*Veterans' Educational Assistance Amendments of 1991* (Public Law 102-127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose courses of studies were interrupted by the Persian Gulf War.

*Civil Rights Act of 1991* (Public Law 102-166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.

- 1992** *Ready-To-Learn Act* (Public Law 102-545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and support materials for

preschool and elementary school children and their parents, child care providers, and educators.

- 1993** *Student Loan Reform Act* (Public Law 103-66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

*National Service Trust Act* (Public Law 103-82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service. In addition, provided education grants up to \$4,725 per year for 2 years to people age 17 or older who perform community service before, during, or after postsecondary education.

*NAEP Assessment Authorization* (Public Law 103-33) authorized use of the National Assessment of Educational Progress (NAEP) for state-by-state comparisons.

- 1994** *Goals 2000: Educate America Act* (Public Law 103-227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel.

*School-To-Work Opportunities Act of 1994* (Public Law 103-239) established a national framework within which states and communities can develop School-To-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components.

*Safe Schools Act of 1994* (Part of Public Law 103-227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention activities such as conflict resolution and peer mediation.

- 1996** *Contract With America: Unfunded Mandates* (Public Law 104-4) ended the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that may displace other essential governmental priorities; and ensured that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations.

- 1997** *The Taxpayer Relief Act of 1997* (Public Law 105-34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

*Emergency Student Loan Consolidation Act of 1997* (Public Law 105-78) amended the Higher Education Act to provide for improved student loan consolidation services.

- 1998** *Workforce Investment Act of 1998* (Public Law 105-220) enacted the Adult Education and Family Literacy Act, and substantially revised and extended, through FY 2003, the Rehabilitation Act of 1973.

*Omnibus Consolidated and Emergency Supplemental Appropriations Act, 1999* (Public Law 105-277) enacted the Reading Excellence Act, to promote the ability of children to read independently by the third grade; and earmarked funds to help states and school districts reduce class sizes in the early grades.

*Charter School Expansion Act* (Public Law 105-278) amended the charter school program, enacted in 1994 as Title X, Part C of the Elementary and Secondary Education Act of 1965.

*Carl D. Perkins Vocational and Applied Technology Education Amendments of 1998* (Public Law 105-332) revised, in its entirety, the Carl D. Perkins Vocational and Applied Technology Education Act, and reauthorized the Act through FY 2003.

*Assistive Technology Act of 1998* (Public Law 105-394) replaced the Technology-Related Assistance for Individuals with Disabilities Act of 1988 with a new Act, authorized through FY 2004, to address the assistive-technology needs of individuals with disabilities.

- 1999** *Education Flexibility Partnership Act of 1999* (Public Law 106-25) authorized the Secretary of Education to allow all states to participate in the Education Flexibility Partnership program.

*District of Columbia College Access Act of 1999* (Public Law 106-98) established a program to afford high school graduates from the District of Columbia the benefits of in-state tuition at state colleges and universities outside the District of Columbia.

- 2000** *The National Defense Authorization Act for Fiscal Year 2001* (Public Law 106-398) included, as Title XVIII, the Impact Aid Reauthorization Act of 2000, which extended the Impact Aid programs through FY 2003.

*College Scholarship Fraud Prevention Act of 2000* (Public Law 106-420) enhanced federal penalties for offenses involving scholarship fraud; required an annual scholarship fraud report by the Attorney General, the Secretary of Education, and the Federal Trade Commission (FTC); and required the Secretary of Education, in conjunction with the FTC, to maintain a scholarship fraud awareness website.

*Consolidated Appropriations Act 2001* (Public Law 106-554) created a new program of assistance for school repair and renovation, and amended the Elementary and Secondary Education Act of 1965 to authorize credit enhancement initiatives to help charter schools obtain, construct, or repair facilities; reauthorized the Even Start program; and enacted the "Children's Internet Protection Act."

- 2001** *50th Anniversary of Brown v. the Board of Education* (Public Law 107-41) established a commission for the purpose of encouraging and providing for the com-

memoration of the 50th anniversary of the 1954 Supreme Court decision *Brown v. Board of Education*.

- 2002** *No Child Left Behind Act of 2001* (Public Law 107-110) provided for the comprehensive reauthorization of the Elementary and Secondary Education Act of 1965, incorporating specific proposals in such areas as testing, accountability, parental choice, and early reading.

*Reauthorization of the National Center for Education Statistics and the Creating of the Institute of Education Sciences of 2002* (Public Law 107-279) established the Institute of Education Sciences within the U.S. Department of Education to carry out a coordinated, focused agenda of high-quality research, statistics, and evaluation that is relevant to the educational challenges of the nation.

*The Higher Education Relief Opportunities for Students Act of 2001* (Public Law 107-122) provided the Secretary of Education with waiver authority over student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from the September 11, 2001, terrorist attacks.

*Established fixed interest rates for student and parent borrowers* (Public Law 107-139) under Title IV of the Higher Education Act of 1965.

- 2003** *The Higher Education Relief Opportunities for Students Act of 2003* (Public Law 108-76) provided the Secretary of Education with waiver authority over student financial aid programs under Title IV of the Higher Education Act of 1965, to deal with student and family situations resulting from wars or national emergencies.

- 2004** *Assistive Technology Act of 2004* (Public Law 108-364) reauthorized the Assistive Technology program, administered by the Department of Education.

*Taxpayer-Teacher Protection Act of 2004* (Public Law 108-409) temporarily stopped excessive special allowance payments to certain lenders under the Federal Family Education Loan (FFEL) Program and increases the amount of loans that can be forgiven for certain borrowers who are highly qualified mathematics, science, and special education teachers who serve in high-poverty schools for 5 years.

*Individuals with Disabilities Education Improvement Act of 2004* (Public Law 108-446) provided a comprehensive reauthorization of the Individuals with Disabilities Education Act.

- 2005** *Student Grant Hurricane and Disaster Relief Act* (Public Law 109-67) authorized the Secretary of Education to waive certain repayment requirements for students receiving campus-based federal grant assistance if they were residing in, employed in, or attending an institution of higher education located in a major disaster area, or their attendance was interrupted because of the disaster.

*Natural Disaster Student Aid Fairness Act* (Public Law 109-86) authorized the Secretary of Education during FY 2006 to reallocate campus-based student

aid funds to institutions of higher learning in Louisiana, Mississippi, Alabama, and Texas, or institutions that have accepted students displaced by Hurricane Katrina or Rita. The law also waived requirements for matching funds that are normally imposed on institutions and students.

*Hurricane Education Recovery Act (HERA)* (Public Law 109-148, provision in the Defense Department Appropriations Act for FY 2006) provided funds for states affected by Hurricane Katrina to restart school operations, provide temporary emergency aid for displaced students, and assist homeless youth. The law also permitted the Secretary of Education to extend deadlines under the Individuals with Disabilities Education Act for those affected by Katrina or Rita.

- 2006** *Higher Education Reconciliation Act of 2005* (Public Law 109-171) made various amendments to programs of student financial assistance under Title IV of the Higher Education Act of 1965.

Public Law 109-211 reauthorized the “ED-FLEX” program (under the Education Flexibility Partnership Act of 1999), under which the Secretary of Education permits states to waive certain requirements of federal statutes and regulations if they meet certain conditions.

*Carl D. Perkins Career and Technical Education Improvement Act of 2006* (Public Law 109-270) reauthorized the vocational and technical education programs under the Perkins Act through 2012.

- 2007** Public Law 110-15 designated the Department of Education Headquarters Building as the “Lyndon Baines Johnson Department of Education Building.”

*America COMPETES Act* (or “*America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act*”) (Public Law 110-69) created new STEM (science, technology, engineering, and mathematics) education programs in various agencies, including the Department of Education.

*College Cost Reduction and Access Act of 2007* (Public Law 110-84) reduced interest rates on student loans and made other amendments to the Higher Education Act of 1965 to make college more accessible and affordable.

Permanent extension of the *Higher Education Relief Opportunities for Students Act of 2003 (HEROES Act)* (Public Law 110-93) gave the Secretary of Education authority to waive or modify any statutory or regulatory provision applicable to the student financial assistance programs under title IV of the Higher Education Act of 1965 as deemed necessary in connection with a war or other military operation or national emergency.

- 2008** *Ensuring Continued Access to Student Loans Act of 2008* (Public Law 110-227) provided various author-



ities to the Department of Education, among other provisions, to help ensure that college students and their parents continue to have access to loans in the tight credit market.

*Higher Education Opportunity Act* (Public Law 110-315) provided a comprehensive reauthorization of the Higher Education Act of 1965.

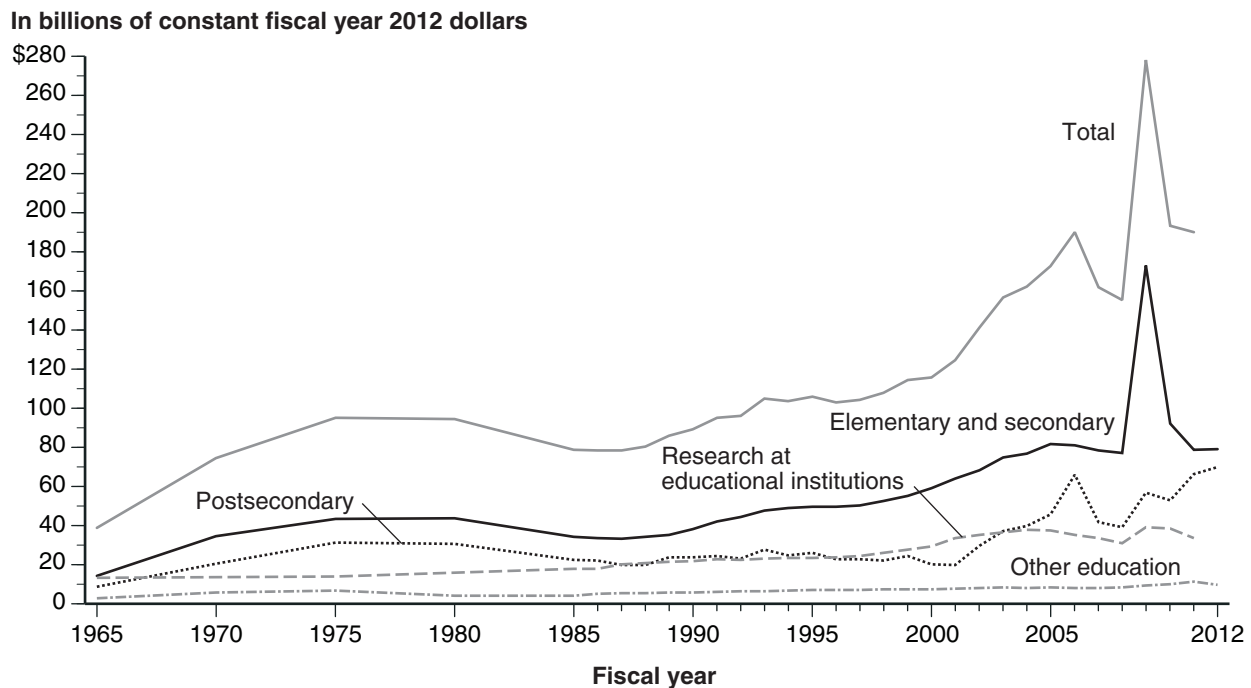
**2009** *American Recovery and Reinvestment Act of 2009* (Public Law 111-5) provided about \$100 billion to state education systems and supplemental appropriations for several Department of Education programs. Public Law 111-39 made miscellaneous and technical amendments to the Higher Education Act of 1965.

**2010** *Health Care and Education Reconciliation Act of 2010* (Public Law 111-152) included, as Title II, the

“SAFRA Act” (also known as the “Student Aid and Fiscal Responsibility Act”). The SAFRA Act ended the federal government’s role in subsidizing financial institutions that make student loans through the Federal Family Education Loan (FFEL) Program under Part B of Title IV of the Higher Education Act of 1965 (HEA), and correspondingly expanded the Federal Direct Student Loan Program administered by the Department of Education under Part D of Title IV of the HEA.

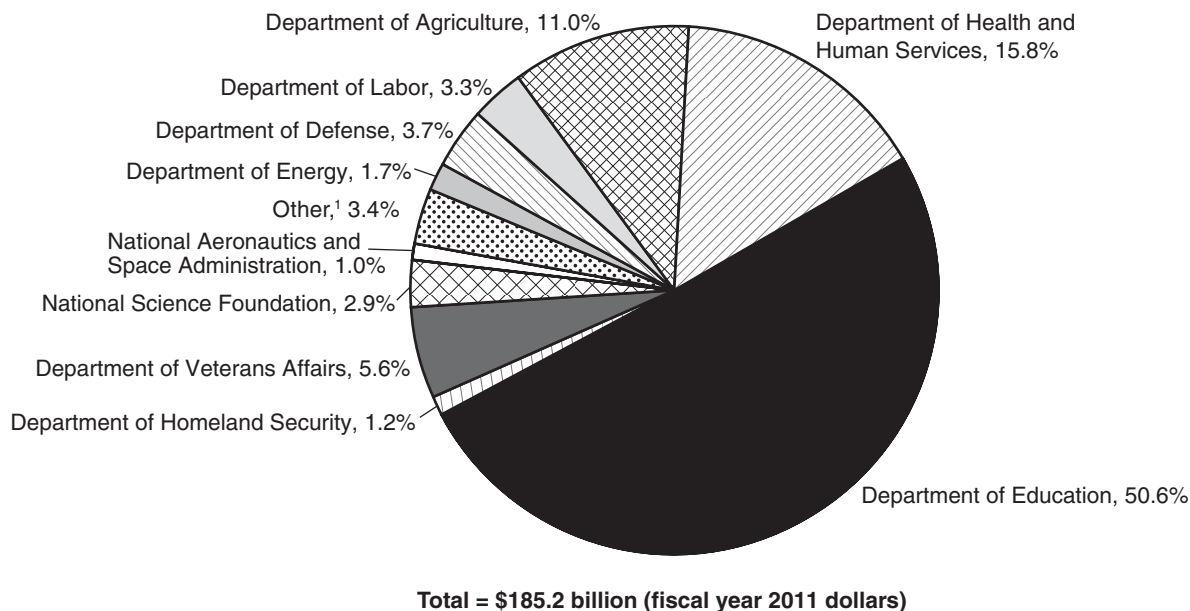
Public Law 111-226 provided an additional \$10 billion to states and school districts, through an “Education Jobs Fund” modeled closely on the State Fiscal Stabilization Fund created by the 2009 Recovery Act, to hire (or avoid laying off) teachers and other educators.

**Figure 19. Federal on-budget funds for education, by level or other educational purpose: Selected years, 1965 through 2012**



NOTE: The increase in postsecondary expenditures in 2006 resulted primarily from an accounting adjustment. Data for research at educational institutions are estimated for 2010 and 2011 and are not available for 2012. Data for elementary and secondary, postsecondary, and other education are estimated for 2012.

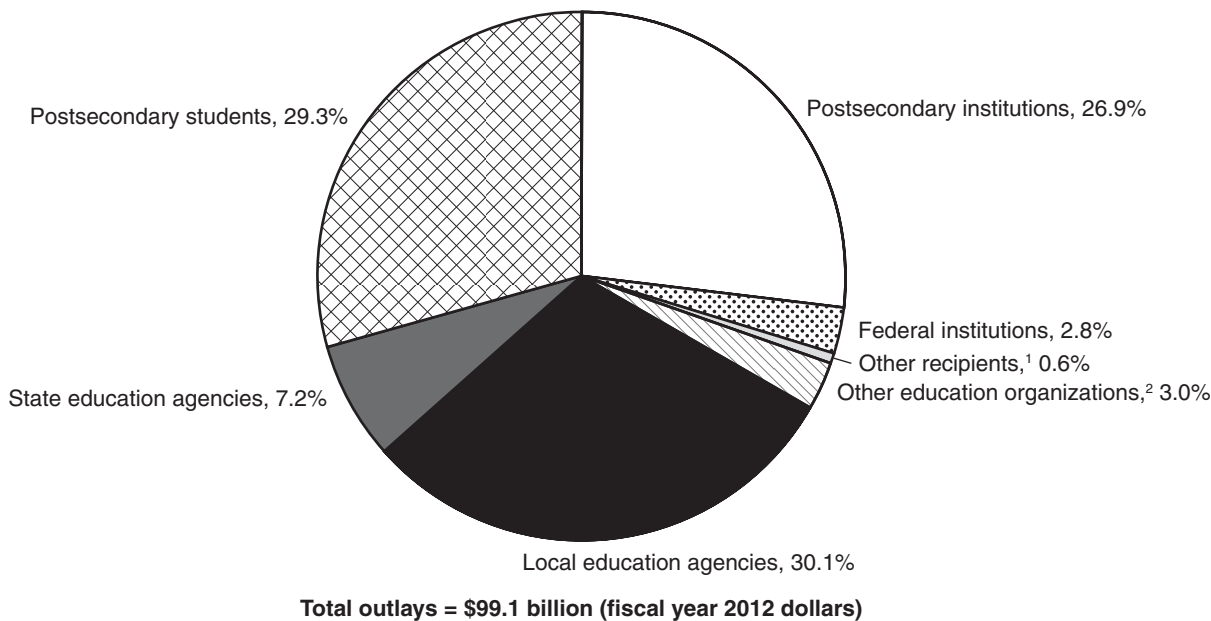
SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2013. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2011.

**Figure 20. Percentage of federal on-budget funds for education, by agency: Fiscal year 2011**

<sup>1</sup>In addition to the 10 agencies shown in this figure, about 25 other agencies provide smaller amounts of funding for education.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal year 2013. National Science Foundation, *Federal Funds for Research and Development*, fiscal year 2011.

**Figure 21. Percentage of U.S. Department of Education outlays, by type of recipient: Fiscal year 2012**

<sup>1</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.

<sup>2</sup>Includes funds for vocational education and for federal programs at libraries and museums.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal year 2013; and U.S. Department of Education, Budget Service, previously unpublished tabulations (November 2012).

**Table 419. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2012**

[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education <sup>2</sup>
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Off-budget support  Direct Loan Program <sup>4</sup>	Nonfederal funds						
									Federal Family Education Loan Program <sup>5</sup>	Perkins Loans <sup>6</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	Work-Study Aid <sup>10</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Current dollars															
1965.....	\$5,354.7	\$5,331.0	\$1,942.6	\$1,197.5	\$374.7	\$1,816.3	\$23.7	†	†	\$16.1	†	†	†	\$7.6	—
1970.....	13,359.1	12,526.5	5,830.4	3,447.7	964.7	2,283.6	832.6	†	\$770.0	21.0	†	†	†	41.6	—
1975.....	24,691.5	23,288.1	10,617.2	7,644.0	1,608.5	3,418.4	1,403.4	†	1,233.0	35.7	†	\$20.0	†	114.7	\$8,605.0
1980.....	39,349.5	34,493.5	16,027.7	11,115.9	1,548.7	5,801.2	4,856.0	†	4,598.0	31.8	†	76.8	†	149.4	13,320.0
1985.....	47,753.4	39,027.9	16,901.3	11,174.4	2,107.6	8,844.6	8,725.5	†	8,467.0	21.4	†	76.0	†	161.1	19,105.0
1986.....	48,357.3	39,962.9	17,049.9	11,283.6	2,620.0	9,009.4	8,394.4	†	8,142.0	20.2	†	72.7	†	159.5	20,425.0
1987.....	50,724.6	41,194.7	17,535.7	10,300.0	2,820.4	10,538.6	9,529.8	†	9,272.0	20.9	\$0.6	76.0	†	160.4	20,830.0
1988.....	54,078.7	43,454.4	18,564.9	10,657.5	2,981.6	11,250.5	10,624.3	†	10,380.0	20.6	0.5	72.8	†	150.4	17,025.0
1989.....	59,537.4	48,269.6	19,809.5	13,269.9	3,180.3	12,009.8	11,267.8	†	10,938.0	20.4	0.5	71.9	\$22.0	215.0	17,755.0
1990.....	62,811.5	51,624.3	21,984.4	13,650.9	3,383.0	12,606.0	11,187.2	†	10,826.0	15.0	0.5	59.2	48.8	237.7	19,040.0
1991.....	70,375.6	57,599.5	25,418.0	14,707.4	3,698.6	13,775.4	12,776.1	†	12,372.0	17.3	0.5	63.5	87.7	235.0	18,995.0
1992.....	74,481.1	60,483.1	27,926.9	14,387.4	3,992.0	14,176.9	13,998.0	†	13,568.0	17.3	0.5	72.0	97.2	242.9	19,950.0
1993.....	84,741.5	67,740.6	30,834.3	17,844.0	4,107.2	14,955.1	17,000.8	†	16,524.0	29.3	†	72.4	184.6	190.5	21,010.0
1994.....	92,781.5	68,254.2	32,304.4	16,177.1	4,483.7	15,289.1	24,527.3	\$813.0	23,214.0	52.7	†	72.4	184.6	190.5	22,630.0
1995.....	95,810.8	71,639.5	33,623.8	17,618.1	4,719.7	15,677.9	24,171.2	5,161.0	18,519.0	52.7	†	63.4	184.6	190.5	24,600.0
1996.....	96,833.0	71,327.4	34,391.5	15,775.5	4,828.0	16,332.3	25,505.6	8,357.0	16,711.0	31.1	†	31.4	184.6	190.5	26,340.0
1997.....	103,259.8	73,731.8	35,478.9	15,959.4	5,021.2	17,272.4	29,528.0	9,838.0	19,163.0	52.7	†	50.0	184.6	239.7	28,125.0
1998.....	107,810.5	76,909.2	37,486.2	15,799.6	5,148.5	18,475.0	30,901.3	10,400.1	20,002.5	45.0	†	25.0	194.3	234.4	29,540.0
1999.....	113,417.2	82,863.6	39,937.9	17,651.2	5,318.0	19,956.5	30,553.6	9,953.0	20,107.0	33.3	†	25.0	195.9	239.4	37,360.0
2000.....	119,541.6	85,944.2	43,790.8	15,008.7	5,484.6	21,660.1	33,597.4	10,347.0	22,711.0	33.3	†	50.0	199.7	256.4	39,475.0
2001.....	130,668.5	94,846.5	48,530.1	14,938.3	5,880.0	25,498.1	35,822.0	10,635.0	24,694.0	25.0	†	80.0	184.0	204.0	41,460.0
2002.....	150,034.5	109,211.5	52,754.1	22,964.2	6,297.7	27,195.5	40,823.0	11,689.0	28,606.0	25.0	†	104.0	192.0	207.0	—
2003.....	170,671.5	124,374.5	59,274.2	29,499.7	6,532.5	29,068.1	46,297.0	11,969.0	33,791.0	33.0	†	103.0	202.0	199.0	—
2004.....	185,176.7	132,420.7	62,653.2	32,433.0	6,576.8	30,757.7	52,756.0	12,840.0	39,266.0	33.0	†	102.0	244.0	271.0	—
2005.....	203,036.0	146,207.0	68,957.7	38,587.3	6,908.5	31,753.5	56,829.0	12,930.0	43,284.0	0.0	†	101.0	246.0	268.0	—
2006.....	226,978.7	166,495.7	70,948.2	57,757.7	7,074.5	30,715.2	60,483.0	12,677.0	47,307.0	0.0	†	100.0	205.0	194.0	—
2007.....	210,536.0	145,698.0	70,735.9	37,465.3	7,214.9	30,281.9	64,838.0	13,022.0	51,320.0	0.0	†	100.0	205.0	191.0	—
2008.....	221,001.1	145,003.1	71,927.9	36,395.2	7,882.2	28,797.8	75,998.0	18,213.0	57,296.0	0.0	†	98.0	201.0	190.0	—
2009 <sup>11</sup> .....	357,786.9	260,734.9	162,109.1	53,074.4	8,853.7	36,697.7	97,052.0	29,738.0	66,778.0	0.0	†	98.0	201.0	237.0	—
2010.....	288,121.2	183,311.2	87,423.9	50,166.3	9,326.7	36,394.3 <sup>12</sup>	104,810.0	84,703.0	19,618.0	0.0	†	98.0	201.0	190.0	—
2011.....	294,516.1	185,209.8	76,902.3	64,517.8	11,020.2	32,769.4 <sup>12</sup>	109,306.3	108,926.3	0.0	0.0	†	0.0	195.0	185.0	—
2012 <sup>12</sup> .....	—	—	78,980.6	69,940.2	9,561.9	—	121,202.0	120,822.0	0.0	0.0	†	0.0	195.0	185.0	—
Constant fiscal year 2012 dollars <sup>13</sup>															
1965.....	\$39,029.1	\$38,856.2	\$14,158.9	\$8,728.3	\$2,730.7	\$13,238.3	\$172.8	†	†	\$117.4	†	†	†	\$55.4	—
1970.....	79,235.7	74,297.5	34,581.7	20,449.1	5,722.0	13,544.8	4,938.2	†	\$4,567.0	124.4	†	†	†	246.7	—
1975.....	100,944.6	95,207.3	43,405.6	31,250.6	6,575.8	13,975.3	5,737.3	†	5,040.8	145.8	†	\$81.8	†	468.9	\$35,179.3
1980.....	107,643.9	94,360.0	43,845.1	30,408.5	4,236.7	15,869.7	13,284.0	†	12,578.2	86.9	†	210.1	†	408.7	36,438.0
1985.....	96,116.9	78,554.4	34,018.6	22,491.5	4,242.1	17,802.2	17,562.5	†	17,042.2	43.0	†	153.0	†	324.3	38,454.1
1986.....	94,875.7	78,406.1	33,451.5	22,138.1	5,140.4	17,676.1	16,469.6	†	15,974.4	39.6	†	142.6	†	312.9	40,073.3
1987.....	96,460.8	78,338.3	33,346.9	19,587.1	5,363.4	20,040.8	18,122.5	†	17,632.2	39.7	\$1.1	144.5	†	305.0	39,611.5
1988.....	99,834.4	80,220.9	34,272.5	19,674.8	5,504.3	20,769.4	19,613.5	†	19,162.5	38.1	0.9	134.4	†	277.7	31,429.7
1989.....	105,986.8	85,928.1	35,264.4	23,622.7	5,661.5	21,379.6	20,058.7	†	19,471.5	36.3	1.0	128.0	\$39.2	382.7	31,606.9

See notes at end of table.

**Table 419. Federal support and estimated federal tax expenditures for education, by category: Selected fiscal years, 1965 through 2012—Continued**  
[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support <sup>1</sup>					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education <sup>2</sup>
		Total	Elementary and secondary	Post-secondary	Other education <sup>3</sup>	Research at educational institutions	Total	Off-budget support	Nonfederal funds						
									Direct Loan Program <sup>4</sup>	Federal Family Education Loan Program <sup>5</sup>	Perkins Loans <sup>6</sup>	Income Contingent Loans <sup>7</sup>	Leveraging Educational Assistance Partnerships <sup>8</sup>	Supplemental Educational Opportunity Grants <sup>9</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1990.....	108,465.1	89,146.7	37,963.3	23,572.9	5,841.9	21,768.5	19,318.4	†	18,694.7	25.9	0.9	102.2	84.3	410.5	32,878.9
1991.....	116,048.5	94,980.9	41,914.0	24,252.3	6,099.0	22,715.5	21,067.6	†	20,401.3	28.6	0.8	104.8	144.6	387.5	31,322.5
1992.....	118,294.7	96,062.3	44,354.9	22,850.8	6,340.2	22,516.4	22,232.4	†	21,549.4	27.5	0.9	114.4	154.5	385.8	31,685.6
1993.....	131,049.8	104,758.6	47,684.2	27,595.2	6,351.6	23,127.5	26,291.2	†	25,553.8	45.2	†	112.0	285.5	294.7	32,491.3
1994.....	140,865.2	103,626.8	49,046.0	24,560.8	6,807.4	23,212.6	37,238.4	\$1,234.3	35,244.6	80.0	†	110.0	280.3	289.3	34,357.9
1995.....	141,589.0	105,868.8	49,689.2	26,036.1	6,974.7	23,168.8	35,720.2	7,626.9	27,367.4	77.8	†	93.7	272.8	281.6	36,353.8
1996.....	139,743.7	102,935.5	49,631.8	22,766.3	6,967.5	23,569.8	36,808.2	12,060.3	24,116.3	44.9	†	45.3	266.4	274.9	38,012.3
1997.....	145,952.3	104,216.0	50,147.5	22,557.8	7,097.1	24,413.5	41,736.3	13,905.5	27,085.9	74.5	†	70.7	260.9	338.8	39,753.2
1998.....	150,939.9	107,676.6	52,482.4	22,120.1	7,208.1	25,865.9	43,263.3	14,560.6	28,004.4	63.0	†	35.0	272.0	328.2	41,357.4
1999.....	156,581.5	114,399.8	55,137.5	24,368.9	7,341.9	27,551.5	42,181.7	13,740.9	27,759.3	46.0	†	34.5	270.5	330.5	51,578.5
2000.....	161,047.2	115,784.6	58,995.2	20,219.8	7,388.8	29,180.7	45,262.6	13,939.5	30,596.4	44.9	†	67.4	269.0	345.4	53,181.0
2001.....	171,691.3	124,623.1	63,765.9	19,628.1	7,726.0	33,503.2	47,068.2	13,973.8	32,446.6	32.8	†	105.1	241.8	268.0	54,476.2
2002.....	193,987.5	141,205.3	68,208.6	29,691.6	8,142.6	35,162.5	52,782.2	15,113.3	36,986.2	32.3	†	134.5	248.2	267.6	—
2003.....	215,022.8	156,694.9	74,677.4	37,165.6	8,230.1	36,621.8	58,327.9	15,079.3	42,572.0	41.6	†	129.8	254.5	250.7	—
2004.....	226,839.1	162,213.6	76,749.4	39,730.0	8,056.5	37,677.8	64,625.4	15,728.8	48,100.3	40.4	†	124.9	298.9	332.0	—
2005.....	239,887.0	172,743.6	81,473.5	45,590.9	8,162.4	37,516.8	67,143.5	15,276.8	51,140.0	0.0	†	119.3	290.6	316.6	—
2006.....	259,006.5	189,989.0	80,959.4	65,907.6	8,072.7	35,049.3	69,017.4	14,465.8	53,982.2	0.0	†	114.1	233.9	221.4	—
2007.....	233,742.0	161,757.4	78,532.6	41,594.8	8,010.2	33,619.7	71,984.7	14,457.3	56,976.7	0.0	†	111.0	227.6	212.1	—
2008.....	236,708.2	155,308.8	77,039.9	38,981.9	8,442.4	30,844.5	81,399.4	19,507.4	61,368.2	0.0	†	105.0	215.3	203.5	—
2009 <sup>11</sup> .....	381,348.8	277,905.5	172,784.8	56,569.6	9,436.8	39,114.4	103,443.3	31,696.4	71,175.6	0.0	†	104.5	214.2	252.6	—
2010.....	303,454.5	193,066.7	92,076.4	52,836.1	9,823.1	38,331.1 <sup>12</sup>	110,387.8	89,210.7	20,662.0	0.0	†	103.2	211.7	200.1	—
2011.....	301,926.9	189,870.1	78,837.4	66,141.3	11,297.5	33,594.0 <sup>12</sup>	112,056.7	111,667.2	0.0	0.0	†	0.0	199.9	189.7	—
2012 <sup>12</sup> .....	—	—	78,980.6	69,940.2	9,561.9	—	121,202.0	120,822.0	0.0	0.0	†	0.0	195.0	185.0	—

—Not available.

†Not applicable.

<sup>1</sup>On-budget support includes federal funds for education programs tied to appropriations. Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts range from \$4,440,000,000 in FY 1990 to an estimated \$9,700,000,000 in FY 2012.

<sup>2</sup>Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

<sup>3</sup>Other education includes libraries, museums, cultural activities, and miscellaneous research.

<sup>4</sup>The William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program) provides students with the same benefits they were eligible to receive under the Federal Family Education Loan (FFEL) Program, but provides loans to students through federal capital rather than through private lenders.

<sup>5</sup>The Federal Family Education Loan (FFEL) Program, formerly known as the Guaranteed Student Loan Program, provided student loans guaranteed by the federal government and disbursed to borrowers. After June 30, 2010, no new FFEL loans have been originated; all new loans are originated through the Direct Loan Program.

<sup>6</sup>Student loans created from institutional matching funds (since 1993 one-third of federal capital contributions). Excludes repayments of outstanding loans.

<sup>7</sup>Student loans created from institutional matching funds (one-ninth of the federal contribution). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates. Program repealed in fiscal year 1992.

<sup>8</sup>Formerly the State Student Incentive Grant Program. Starting in fiscal year 2000, amounts under \$30.0 million have required dollar-for-dollar state matching contributions, while amounts over \$30.0 million have required two-to-one state matching contributions.

<sup>9</sup>Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

<sup>10</sup>Employer contributions to student earnings are generally one-third of federal allocation.

<sup>11</sup>All education funds from the American Recovery and Reinvestment Act of 2009 (ARRA) are included in the FY 2009 row of this table. Most of these funds had a 2-year availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010.

<sup>12</sup>Estimated.

<sup>13</sup>Data adjusted by the federal funds composite deflator reported in the U.S. Office of Management and Budget, *Budget of the U.S. Government, Historical Tables, Fiscal Year 2013*.

NOTE: To the extent possible, federal education funds data represent outlays rather than obligations. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. The increase in postsecondary expenditures in 2006 resulted primarily from an accounting adjustment.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1967 through 2013. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 through 2011. (This table was prepared October 2012.)

**Table 420. Federal on-budget funds for education, by agency: Selected fiscal years, 1970 through 2011**  
[In thousands of current dollars]

Agency	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>Total .....</b>	<b>\$12,526,499</b>	<b>\$34,493,502</b>	<b>\$51,624,342</b>	<b>\$71,639,520</b>	<b>\$85,944,203</b>	<b>\$146,206,999</b>	<b>\$145,003,074</b>	<b>\$260,734,860</b>	<b>\$183,311,245</b>	<b>\$185,209,772</b>
Department of Education <sup>2</sup> .....	4,625,224	13,137,785	23,198,575	31,403,000	34,106,697	72,893,301	72,177,819	176,478,625	91,893,199	93,777,295
Department of Agriculture .....	960,910	4,562,467	6,260,843	9,092,089	11,080,031	13,817,553	16,588,529	16,603,791	19,545,281	20,371,195
Department of Commerce .....	13,990	135,561	53,835	88,929	114,575	243,948	193,612	263,000	222,200	261,617
Department of Defense .....	821,388	1,560,301	3,605,509	3,879,002	4,525,080	6,320,454	6,578,416	6,894,895	7,402,688	6,789,859
Department of Energy .....	551,527	1,605,558	2,561,950	2,692,314	3,577,004	4,339,879	2,469,637	3,747,800	3,238,000	3,064,475
Department of Health and Human Services.....	1,796,854	5,613,930	7,956,011	12,469,563	17,670,867	26,107,860	26,487,590	31,880,073	31,564,771	29,260,329
Department of Homeland Security .....	†	†	†	†	†	624,860	410,580	508,920	594,839	2,131,718
Department of Housing and Urban Development.....	114,709	5,314	118	1,613	1,400	1,100	400	200	400	1,300
Department of the Interior .....	190,975	440,547	630,537	702,796	959,802	1,254,533	1,056,504	1,001,316	994,280	964,354
Department of Justice.....	15,728	60,721	99,775	172,350	278,927	608,148	824,050	889,158	916,463	951,363
Department of Labor .....	424,494	1,862,738	2,511,380	3,967,914	4,696,100	5,764,500	5,070,500	6,073,300	6,827,100	6,121,300
Department of State .....	59,742	25,188	51,225	54,671	388,349	533,309	638,280	655,520	729,520	782,620
Department of Transportation.....	27,534	54,712	76,186	135,816	117,054	126,900	143,378	138,433	151,046	138,335
Department of the Treasury .....	18	1,247,463	41,715	49,496	83,000	0	100	0	400	400
Department of Veterans Affairs.....	1,032,918	2,351,233	757,476	1,324,382	1,577,374	4,293,624	4,527,232	4,763,479	8,802,944	10,333,062
<b>Other agencies and programs</b>										
ACTION .....	†	2,833	8,472	†	†	†	†	†	†	†
Agency for International Development.....	88,034	176,770	249,786	290,580	332,500	602,100	635,320	642,225	559,000	503,500
Appalachian Regional Commission..	37,838	19,032	93	10,623	7,243	8,542	7,176	6,106	5,070	11,902
Barry Goldwater Scholarship and Excellence in Education Foundation.....	†	†	1,033	3,000	3,000	3,000	3,000	3,000	4,000	3,000
Corporation for National and Community Service .....	†	†	†	214,600	386,000	472,000	333,000	401,000	965,000	983,000
Environmental Protection Agency.....	19,446	41,083	87,481	125,721	98,900	83,400	44,500	52,900	48,200	48,900
Estimated education share of federal aid to the District of Columbia.....	33,019	81,847	104,940	78,796	127,127	154,962	149,722	157,465	159,670	172,775
Federal Emergency Management Agency.....	290	1,946	215	170,400	14,894	†	†	†	†	†
General Services Administration .....	14,775	34,800	†	†	†	†	†	†	†	†
Harry S Truman Scholarship fund.....	†	-1,895	2,883	3,000	3,000	3,000	3,000	2,000	2,000	1,000
Institute of American Indian and Alaska Native Culture and Arts Development.....	†	†	4,305	13,000	2,000	6,000	7,000	8,000	8,000	8,000
Institute of Museum and Library Services.....	†	†	†	†	166,000	250,000	253,000	265,000	265,000	274,000
James Madison Memorial Fellowship Foundation.....	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000	2,000
Japanese-United States Friendship Commission.....	†	2,294	2,299	2,000	3,000	3,000	2,000	2,000	2,000	2,000
Library of Congress .....	29,478	151,871	189,827	241,000	299,000	430,000	434,000	468,000	516,000	521,000
National Aeronautics and Space Administration.....	258,366	255,511	1,093,303	1,757,900	2,077,830	2,763,120	1,154,900	1,754,100	1,752,800	1,771,100
National Archives and Records Administration.....	†	†	77,397	105,172	121,879	276,000	279,000	329,000	339,000	349,000
National Commission on Libraries and Information Science.....	†	2,090	3,281	1,000	2,000	1,000	1,000	†	†	†
National Endowment for the Arts.....	340	5,220	5,577	9,421	10,048	10,976	12,808	12,918	14,413	13,013
National Endowment for the Humanities.....	8,459	142,586	141,048	151,727	100,014	117,825	124,162	134,533	142,654	131,135
National Science Foundation.....	295,628	808,392	1,588,891	2,086,195	2,955,244	3,993,216	4,298,290	6,464,300	5,498,400	5,330,277
Nuclear Regulatory Commission.....	†	32,590	42,328	22,188	12,200	15,100	2,200	8,200	10,000	8,400
Office of Economic Opportunity.....	1,092,410	†	†	†	†	†	†	†	†	†
Smithsonian Institution .....	2,461	5,153	5,779	9,961	25,764	45,890	64,768	61,104	63,107	67,149
United States Arms Control Agency .....	100	661	25	†	†	†	†	†	†	†
United States Information Agency .....	8,423	66,210	201,547	294,800	†	†	†	†	†	†
United States Institute of Peace .....	†	†	7,621	12,000	13,000	28,000	17,000	49,000	58,000	47,000
Other agencies .....	1,421	990	885	500	300	7,900	8,600	13,500	13,800	12,400

†Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded from total because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are as follows: \$4,440,000,000 in FY 1990, \$7,510,000,000 in FY 1995, \$8,020,000,000 in FY 2000, \$8,300,000,000 in FY 2005, \$8,600,000,000 in FY 2008, \$8,800,000,000 in FY 2009, \$9,000,000,000 in FY 2010, and \$9,410,000,000 in FY 2011.

<sup>2</sup>All education funds from the American Recovery and Reinvestment Act of 2009 (ARRA) are included in the Department of Education amount for FY 2009. Most of these funds had a 2-year

availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010.

<sup>3</sup>Estimated.

NOTE: To the extent possible, amounts reported represent outlays rather than obligations. Negative amounts occur when program receipts exceed outlays. Starting in FY 2010, amounts for the U.S. Department of Education are appropriations, not outlays. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 through 2013. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 to 2011. (This table was prepared October 2012.)

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total</b> .....	<b>\$12,526,499</b>	<b>\$34,493,502</b>	<b>\$51,624,342</b>	<b>\$71,639,520</b>	<b>\$85,944,203</b>	<b>\$146,206,999</b>	<b>\$145,003,074</b>	<b>\$260,734,860</b>	<b>\$183,311,245</b>	<b>\$185,209,772</b>	<b>—</b>
<b>Elementary/secondary education</b> .....	<b>5,830,442</b>	<b>16,027,686</b>	<b>21,984,361</b>	<b>33,623,809</b>	<b>43,790,783</b>	<b>68,957,711</b>	<b>71,927,854</b>	<b>162,109,105</b>	<b>87,423,873</b>	<b>\$76,902,332</b>	<b>\$78,980,623</b>
Department of Education <sup>4</sup> .....	2,719,204	6,629,095	9,681,313	14,029,000	20,039,563	37,477,594	38,330,372	126,464,063	49,621,475	38,652,240	38,601,561
Education for the disadvantaged .....	1,339,014	3,204,664	4,494,111	6,808,000	8,529,111	14,635,566	14,872,535	27,135,152	15,864,666	15,515,444	15,741,703
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of education for the disadvantaged funding..	†	†	†	†	†	†	†	11,254,622	†	†	†
Impact aid program <sup>5</sup> .....	656,372	690,170	816,366	808,000	877,101	1,262,174	1,247,691	1,405,966	1,276,183	1,273,631	1,291,186
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of impact aid program funding .....	†	†	†	†	†	†	†	98,119	†	†	†
School improvement programs <sup>6</sup> .....	288,304	788,918	1,189,158	1,397,000	2,549,971	7,918,091	7,077,721	70,092,894	16,999,862	6,738,485	6,327,886
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of school improvement programs funding ....	†	†	†	†	†	†	†	50,492,393	†	†	†
Indian education.....	†	93,365	69,451	71,000	65,285	121,911	115,780	118,241	127,282	127,027	130,779
English Language Acquisition.....	21,250	169,540	188,919	225,000	362,662	667,485	700,395	709,750	750,000	733,530	732,144
Special education .....	79,090	821,777	1,616,623	3,177,000	4,948,977	10,940,312	12,280,101	24,919,640	12,587,035	12,526,672	12,640,709
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of special education funding .....	†	†	†	†	†	†	†	12,150,854	†	†	†
Vocational and adult education .....	335,174	860,661	1,306,685	1,482,000	1,462,977	1,967,086	1,894,706	2,034,226	2,016,447	1,737,451	1,737,154
Education Reform—Goals 2000 <sup>7</sup> .....	†	†	†	61,000	1,243,479	-35,031	†	†	†	†	†
Hurricane Education Recovery.....	†	†	†	†	†	†	141,443	48,193	†	†	†
Department of Agriculture .....	760,477	4,064,497	5,528,950	8,201,294	10,051,278	12,577,265	15,296,812	15,273,387	17,875,561	18,843,607	20,849,143
Child nutrition programs <sup>8</sup> .....	299,131	3,377,056	4,977,075	7,644,789	9,554,028	11,901,943	13,932,120	13,714,903	16,383,421	17,290,601	19,504,343
McGovern-Dole International Food for Education and Child Nutrition Program <sup>9</sup> .....	†	†	†	†	†	86,000	89,000	133,000	210,000	343,500	196,400
Agricultural Marketing Service—commodities <sup>10</sup> .....	341,597	388,000	350,441	400,000	400,000	399,322	1,097,210	1,237,008	1,100,000	1,006,000	952,000
Special Milk Program.....	83,800	159,293	18,707	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )	( <sup>e</sup> )
Estimated education share of Forest Service permanent appropriations .....	35,949	140,148	182,727	156,505	97,250	190,000	178,482	188,476	182,140	203,506	196,400
Department of Commerce.....	†	54,816	†	†	†	†	†	†	†	†	†
Local public works program—school facilities <sup>11</sup> .....	†	54,816	†	†	†	†	†	†	†	†	†
Department of Defense .....	143,100	370,846	1,097,876	1,295,547	1,485,611	1,786,253	1,863,835	1,887,223	1,981,321	2,047,825	2,132,046
Junior Reserve Officers Training Corps (JROTC).....	12,100	32,000	39,300	155,600	210,432	315,122	352,821	358,256	359,689	377,526	391,682
Overseas dependents schools .....	131,000	338,846	864,958	855,772	904,829	1,060,920	1,110,108	1,110,476	1,186,560	1,193,636	1,235,707
Domestic schools <sup>5</sup> .....	†	†	193,618	284,175	370,350	410,211	400,906	418,491	435,072	476,663	504,657
Department of Energy .....	200	77,633	15,563	12,646	†	†	†	†	†	†	†
Energy conservation for school buildings <sup>12</sup> .....	†	77,240	15,213	10,746	†	†	†	†	†	†	†
Pre-engineering program .....	200	393	350	1,900	†	†	†	†	†	†	†
Department of Health and Human Services.....	167,333	1,077,000	2,396,793	5,116,559	6,011,036	8,003,348	8,003,300	9,738,023	8,547,000	8,871,364	9,307,410
Head Start <sup>13</sup> .....	†	735,000	1,447,758	3,534,000	5,267,000	6,842,348	6,877,000	8,499,123	7,234,000	7,559,164	7,969,210
Payments to states for Aid for Families with Dependent Children (AFDC) work programs <sup>14</sup> .....	†	†	459,221	953,000	15,000	—	—	—	—	—	—
Social Security student benefits <sup>15</sup> .....	167,333	342,000	489,814	629,559	729,036	1,161,000	1,126,300	1,238,900	1,313,000	1,312,200	1,338,200
Department of Homeland Security .....	†	†	†	†	†	500	2,600	2,600	1,900	1,100	1,200
Tuition assistance for educational accreditation—Coast Guard personnel <sup>16</sup> .....	†	†	†	†	†	500	2,600	2,600	1,900	1,100	1,200
Department of the Interior .....	140,705	318,170	445,267	493,124	725,423	938,506	822,106	782,543	783,075	815,877	786,401
Mineral Leasing Act and other funds .....	†	†	†	†	†	†	†	†	†	†	†
Payments to states—estimated education share.....	12,294	62,636	123,811	18,750	24,610	60,290	50,913	24,610	23,000	24,380	26,450
Payments to counties—estimated education share.....	16,359	48,953	102,522	37,490	53,500	79,686	72,743	53,500	50,000	53,000	58,000
Indian Education .....	†	†	†	†	†	†	†	†	†	†	†
Bureau of Indian Education schools.....	95,850	178,112	192,841	411,524	466,905	517,647	540,734	560,799	582,492	583,572	635,522
Johnson-O'Malley assistance <sup>17</sup> .....	16,080	28,081	25,556	24,359	17,387	16,510	13,782	13,797	13,589	13,415	13,325
Education construction .....	†	†	†	†	161,021	263,373	142,935	128,837	112,994	140,509	52,104
Education expenses for children of employees, Yellowstone National Park.....	122	388	538	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Department of Justice.....	8,237	23,890	65,997	128,850	224,800	554,500	769,825	821,065	876,200	911,800	965,800
Vocational training expenses for prisoners in federal prisons .....	2,720	4,966	2,066	3,000	1,000	0	1,025	1,065	2,600	1,000	1,000
Inmate programs <sup>18</sup> .....	5,517	18,924	63,931	125,850	223,800	554,500	768,800	820,000	873,600	910,800	964,800

See notes at end of table.

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of Labor.....	420,927	1,849,800	2,505,487	3,957,800	4,683,200	5,654,000	5,070,000	6,073,000	6,826,000	6,121,000	5,662,000
Job Corps.....	†	469,800	739,376	1,029,000	1,256,000	1,521,000	763,000	1,612,000	1,850,000	1,660,000	1,789,000
Training programs—estimated funds for education programs <sup>19</sup> .....	420,927	1,380,000	1,766,111	2,928,800	3,427,200	4,133,000	4,307,000	4,461,000	4,976,000	4,461,000	3,873,000
Department of Transportation.....	45	60	46	62	188	†	†	†	†	†	†
Tuition assistance for educational accreditation—Coast Guard personnel <sup>16</sup> .....	45	60	46	62	188	†	†	†	†	†	†
Department of the Treasury.....	†	935,903	†	†	†	†	†	†	†	†	†
Estimated education share of general revenue sharing <sup>20</sup>											
State <sup>21</sup> .....	†	525,019	†	†	†	†	†	†	†	†	†
Local.....	†	410,884	†	†	†	†	†	†	†	†	†
Department of Veterans Affairs.....	338,910	545,786	155,351	311,768	445,052	1,815,000	1,628,100	919,139	760,500	472,000	516,000
Noncollegiate and job training programs <sup>22</sup> .....	281,640	439,993	12,848	†	†	†	†	†	†	†	†
Vocational rehabilitation for disabled veterans <sup>23</sup> .....	41,700	87,980	136,780	298,132	438,635	1,815,000	1,628,100	919,139	760,500	472,000	516,000
Dependents' education <sup>24</sup> .....	15,570	17,813	5,723	5,961	6,417	—	—	—	—	—	—
Service members occupational conversion training act of 1992.....	†	†	†	7,675	†	†	†	†	†	†	†
Other agencies											
Appalachian Regional Commission.....	33,161	9,157	93	2,173	2,588	2,962	1,000	1,141	986	2,290	962
National Endowment for the Arts.....	†	4,989	4,641	7,117	6,002	8,470	9,606	9,916	11,530	10,504	10,000
Arts in education.....	†	4,989	4,641	7,117	6,002	8,470	9,606	9,916	11,530	10,504	10,000
National Endowment for the Humanities.....	20	330	404	997	812	603	0	0	125	75	100
Office of Economic Opportunity.....	1,072,375	†	†	†	†	†	†	†	†	†	†
Head Start <sup>25</sup> .....	325,700	†	†	†	†	†	†	†	†	†	†
Other elementary and secondary programs <sup>26</sup> .....	42,809	†	†	†	†	†	†	†	†	†	†
Job Corps <sup>27</sup> .....	144,000	†	†	†	†	†	†	†	†	†	†
Youth Corps and other training programs <sup>27</sup> .....	553,368	†	†	†	†	†	†	†	†	†	†
Volunteers in Service to America (VISTA) <sup>28</sup> .....	6,498	†	†	†	†	†	†	†	†	†	†
Other programs											
Estimated education share of federal aid to the District of Columbia.....	25,748	65,714	86,579	66,871	115,230	138,710	130,298	137,006	138,200	152,650	148,000
<b>Postsecondary education.....</b>	<b>\$3,447,697</b>	<b>\$11,115,882</b>	<b>\$13,650,915</b>	<b>\$17,618,137</b>	<b>\$15,008,715</b>	<b>\$38,587,287</b>	<b>\$36,395,182</b>	<b>\$53,074,373</b>	<b>\$50,166,341</b>	<b>\$64,517,811</b>	<b>\$69,940,153</b>
Department of Education <sup>4</sup> .....	1,187,962	5,682,242	11,175,978	14,234,000	10,727,315	31,420,023	28,838,752	44,144,713	36,539,655	49,260,330	54,470,178
Student financial assistance.....	†	3,682,789	5,920,328	7,047,000	9,060,317	15,209,515	17,751,084	39,522,409	25,959,478	43,753,247	43,324,872
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of student financial assistance funding.....	†	†	†	†	†	†	†	16,482,256	†	†	†
Direct Loan Program <sup>29</sup> .....	†	†	†	840,000	-2,862,240	3,020,992	5,333,920	1,406,154	3,481,859	2,781,709	6,917,373
Federal Family Education Loan Program <sup>30</sup> .....	2,323	1,407,977	4,372,446	5,190,000	2,707,473	10,777,470	3,288,531	526,894	3,932,994	-91,796	1,498,353
Higher education.....	1,029,131	399,787	659,492	871,000	1,530,779	2,053,288	2,029,379	2,276,899	2,740,665	2,388,946	2,297,656
Facilities—loans and insurance.....	114,199	-19,031	19,219	-6,000	-2,174	-1,464	-1,688	-497	-8,360	-4,607	-8,513
College housing loans <sup>31</sup> .....	†	14,082	-57,167	-46,000	-41,886	-33,521	-17,529	-17,662	-16,725	-13,265	-16,725
Educational activities overseas.....	774	3,561	82	†	†	†	†	†	†	†	†
Historically Black Colleges and Universities Capital Financing, Program Account.....	†	†	†	†	150	169	18,222	1,476	23,330	23,289	32,160
Gallaudet College and Howard University.....	38,559	176,829	230,327	292,000	291,060	339,823	343,164	353,310	357,977	357,261	359,580
National Technical Institute for the Deaf.....	2,976	16,248	31,251	46,000	43,836	53,751	58,308	63,682	68,437	65,546	65,422
Hurricane Katrina, aid to institutions.....	†	†	†	†	†	†	35,361	12,048	†	†	†
Department of Agriculture.....	†	10,453	31,273	33,373	30,676	61,957	66,709	73,150	80,697	81,658	81,658
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute.....	†	10,453	31,273	33,373	30,676	61,957	66,709	73,150	80,697	81,658	81,658
Department of Commerce.....	8,277	29,971	3,312	3,487	3,800	—	—	—	—	—	—
Sea Grant Program <sup>32</sup> .....	†	3,123	3,312	3,487	3,800	—	—	—	—	—	—
Merchant Marine Academy <sup>33</sup> .....	6,160	14,809	†	†	†	†	†	†	†	†	†
State marine schools <sup>33</sup> .....	2,117	12,039	†	†	†	†	†	†	†	†	†

See notes at end of table.

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of Defense .....	322,100	545,000	635,769	729,500	1,147,759	1,858,301	1,975,323	2,262,772	2,550,667	2,297,234	2,407,629
Tuition assistance for military personnel.....	57,500	—	95,300	127,000	263,303	608,109	603,610	657,702	669,892	567,412	590,626
Service academies .....	78,700	106,100	120,613	163,300	212,678	300,760	359,127	371,156	402,640	348,836	375,250
Senior Reserve Officers Training Corps (SROTC) .....	108,100	—	193,056	219,400	363,461	537,525	549,633	653,591	885,500	851,910	844,498
Professional development education <sup>34</sup> .....	77,800	—	226,800	219,800	308,317	411,907	462,953	580,323	592,635	529,076	597,255
Department of Energy .....	3,000	57,701	25,502	28,027	†	†	†	†	†	†	†
University laboratory cooperative program.....	3,000	2,800	9,402	8,552	†	†	†	†	†	†	†
Teacher development projects .....	†	1,400	†	†	†	†	†	†	†	†	†
Energy conservation for buildings—higher education <sup>12</sup> .....	†	53,501	7,459	7,381	†	†	†	†	†	†	†
Minority honors vocational training .....	†	†	†	†	†	†	†	†	†	†	†
Honors research program .....	†	†	6,472	2,221	†	†	†	†	†	†	†
Students and teachers .....	†	†	2,169	9,873	†	†	†	†	†	†	†
Department of Health and Human Services.....	981,483	2,412,058	578,542	796,035	954,190	1,433,516	1,184,856	1,235,850	1,297,671	1,358,889	1,306,007
Health professions training programs <sup>35</sup> .....	353,029	460,736	230,600	298,302	340,361	581,661	318,225	354,322	406,000	498,000	459,000
Indian health manpower .....	†	7,187	9,508	27,000	16,000	27,000	29,000	36,000	46,000	41,000	41,000
National Health Service Corps scholarships .....	†	70,667	4,759	78,206	33,300	45,000	40,000	40,000	41,000	25,000	10,000
National Institutes of Health training grants <sup>36</sup> .....	†	176,388	241,356	380,502	550,220	756,014	770,481	776,313	775,186	771,766	777,761
National Institute of Occupational Safety and Health training grants .....	8,088	12,899	10,461	11,660	14,198	23,841	27,150	29,215	29,485	23,123	18,246
Alcohol, drug abuse, and mental health training programs <sup>37</sup> .....	118,366	122,103	81,353	†	†	†	†	†	†	†	†
Health teaching facilities <sup>38</sup> .....	†	3,078	505	365	110	†	†	†	†	†	†
Social Security postsecondary students' benefits <sup>39</sup> .....	502,000	1,559,000	†	†	†	†	†	†	†	†	†
Department of Homeland Security .....	†	†	†	†	†	36,400	52,400	52,700	57,539	69,129	69,900
Coast Guard Academy <sup>16</sup> .....	†	†	†	†	†	16,400	21,500	21,500	24,239	32,129	32,000
Postgraduate training for Coast Guard officers <sup>40</sup> .....	†	†	†	†	†	8,700	17,000	18,300	16,800	19,500	20,300
Tuition assistance to Coast Guard military personnel <sup>16</sup> .....	†	†	†	†	†	11,300	13,900	12,900	16,500	17,500	17,600
Department of Housing and Urban Development <sup>31</sup> .....	114,199	†	†	†	†	†	†	†	†	†	†
College housing loans <sup>31</sup> .....	114,199	†	†	†	†	†	†	†	†	†	†
Department of the Interior .....	31,749	80,202	135,480	159,054	187,179	249,227	180,497	147,873	160,805	99,677	109,818
Shared revenues, Mineral Leasing Act and other receipts—estimated education share.....	6,949	35,403	69,980	82,810	98,740	146,235	52,743	15,749	16,250	20,430	29,900
Indian programs .....	9,380	16,909	34,911	43,907	57,576	76,271	101,795	106,029	113,504	48,310	50,486
Continuing education.....	15,420	27,890	30,589	32,337	30,863	26,721	25,959	26,095	31,051	30,937	29,432
Higher education scholarships .....	30,850	†	2,167	3,000	319,000	424,000	522,000	537,000	609,000	661,000	621,000
Department of State.....	30,850	†	†	†	319,000	424,000	522,000	537,000	609,000	661,000	621,000
Educational exchange <sup>41</sup> .....	30,454	†	†	†	303,000	402,000	503,000	517,000	585,000	636,000	603,000
Mutual educational and cultural exchange activities .....	396	†	†	†	16,000	22,000	19,000	20,000	24,000	25,000	18,000
International educational exchange activities .....	†	†	2,167	3,000	†	†	†	†	†	†	†
Russian, Eurasian, and East European Research and Training .....	11,197	12,530	46,025	59,257	60,300	73,000	72,000	69,000	95,000	77,000	123,000
Department of Transportation .....	†	†	20,926	30,850	34,000	61,000	59,000	54,000	79,000	61,000	105,000
Merchant Marine Academy <sup>43</sup> .....	†	†	8,269	8,980	7,000	12,000	13,000	15,000	16,000	16,000	18,000
State marine schools <sup>33</sup> .....	9,342	10,000	12,074	13,500	15,500	†	†	†	†	†	†
Coast Guard Academy <sup>16</sup> .....	1,655	2,230	4,173	5,513	2,500	†	†	†	†	†	†
Postgraduate training for Coast Guard officers <sup>40</sup> .....	200	300	582	414	1,300	†	†	†	†	†	†
Tuition assistance to Coast Guard military personnel <sup>16</sup> .....	†	296,750	†	†	†	†	†	†	†	†	†
Department of the Treasury.....	†	296,750	†	†	†	†	†	†	†	†	†
General revenue sharing—estimated state share to higher education <sup>20,21</sup> .....	693,490	1,803,847	599,825	1,010,114	1,132,322	2,478,624	2,899,132	3,844,340	8,042,444	9,861,062	9,978,100
Department of Veterans Affairs .....	638,260	1,579,974	46,998	†	†	†	†	†	†	†	†
Vietnam-era veterans .....	†	1,560,081	39,458	†	†	†	†	†	†	†	†
College student support.....	†	19,893	7,540	†	†	†	†	†	†	†	†
Work-study.....	†	†	†	†	†	†	†	†	†	†	†

See notes at end of table.



**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Service persons college support.....	18,900	46,617	8,911	†	†	†	†	†	†	†	†
Post-Vietnam veterans .....	†	922	161,475	33,596	3,958	1,136	891	448	894	1,343	1,100
All-volunteer-force educational assistance.....	†	†	269,947	868,394	984,068	2,070,996	2,296,543	3,013,559	1,854,917	1,626,686	1,595,000
Veterans .....	†	†	183,765	760,390	876,434	1,887,239	2,145,475	2,669,960	1,659,694	1,425,253	1,390,000
Reservists .....	†	†	86,182	108,004	107,634	183,757	151,068	343,599	195,223	201,433	205,000
Post 9-11 GI Bill <sup>42</sup> .....	†	†	†	†	†	†	†	162,053	5,542,843	7,656,490	7,800,000
Veteran dependents' education .....	36,330	176,334	100,494	95,124	131,296	388,719	434,733	469,360	507,294	462,877	465,000
Payments to state education agencies.....	†	†	12,000	13,000	13,000	17,773	—	—	—	18,342	19,000
Reserve Education Assistance Program (REAP) <sup>43</sup> .....	†	†	†	†	†	†	166,965	198,920	136,496	95,324	98,000
Other agencies											
Appalachian Regional Commission .....	4,105	1,751	—	2,741	2,286	4,407	3,120	2,985	2,464	6,098	6,653
National Endowment for the Humanities.....	3,349	56,451	50,938	56,481	28,395	29,253	36,472	40,795	47,949	40,168	45,000
National Science Foundation.....	42,000	64,583	161,884	211,800	389,000	490,000	531,000	629,000	646,000	672,415	689,210
Science and engineering education programs.....	37,000	64,583	161,884	211,800	389,000	490,000	531,000	629,000	646,000	672,415	689,210
Sea Grant Program <sup>42</sup> .....	5,000	†	†	†	†	†	†	†	†	†	†
United States Information Agency <sup>44</sup> .....	8,423	51,095	181,172	260,800	†	†	†	†	†	†	†
Educational and cultural affairs <sup>41</sup> .....	†	49,546	35,862	13,600	†	†	†	†	†	†	†
Educational and cultural exchange programs <sup>45</sup> .....	†	†	145,307	247,200	†	†	†	†	†	†	†
Educational exchange activities, international.....	†	1,549	3	†	†	†	†	†	†	†	†
Information center and library activities.....	8,423	†	†	†	†	†	†	†	†	†	†
Other programs											
Barry Goldwater Scholarship and Excellence in Education Foundation .....	†	†	1,033	3,000	3,000	3,000	3,000	3,000	4,000	3,000	4,000
Estimated education share of federal aid to the District of Columbia.....	5,513	13,143	14,637	9,468	11,493	14,578	17,920	19,195	20,450	19,150	16,000
Harry S Truman Scholarship fund .....	†	-1,895	2,883	3,000	3,000	3,000	3,000	2,000	2,000	1,000	1,000
Institute of American Indian and Alaska Native Culture and Arts Development .....	†	†	4,305	13,000	2,000	6,000	7,000	8,000	8,000	8,000	9,000
James Madison Memorial Fellowship Foundation .....	†	†	191	2,000	7,000	2,000	2,000	2,000	2,000	2,000	2,000
<b>Other education.....</b>	<b>\$964,719</b>	<b>\$1,548,730</b>	<b>\$3,383,031</b>	<b>\$4,719,655</b>	<b>\$5,484,571</b>	<b>\$6,908,504</b>	<b>\$7,882,220</b>	<b>\$8,853,694</b>	<b>\$9,326,725</b>	<b>\$11,020,225</b>	<b>\$9,561,853</b>
Department of Education <sup>1</sup> .....	630,235	747,706	2,251,801	2,861,000	3,223,355	3,538,862	4,544,966	5,194,060	5,073,063	5,255,939	5,464,708
Administration.....	47,456	187,317	328,293	404,000	458,054	548,842	1,252,527	1,339,034	1,531,232	1,755,384	1,928,821
Libraries <sup>46</sup> .....	108,284	129,127	137,264	117,000	†	†	†	†	†	†	†
Rehabilitative services and disability research .....	473,091	426,886	1,780,360	2,333,000	2,755,468	2,973,346	3,242,297	3,828,390	3,506,861	3,474,718	3,511,281
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of rehabilitative services and disability research funding.....	†	†	†	†	†	†	†	642,671	†	†	†
American Printing House for the Blind .....	1,404	4,349	5,736	7,000	9,368	16,538	19,522	26,627	24,600	24,551	24,505
Trust funds and contributions.....	0	27	148	0	465	136	30,620	9	10,370	1,286	101
Department of Agriculture .....	135,637	271,112	352,511	422,878	444,477	468,631	517,208	542,754	567,423	552,030	547,081
Extension Service.....	131,734	263,584	337,907	405,371	424,174	445,631	494,208	519,754	543,423	530,030	526,081
National Agricultural Library .....	3,903	7,528	14,604	17,507	20,303	23,000	23,000	23,000	24,000	22,000	21,000
Department of Commerce.....	1,226	2,479	†	†	†	†	†	†	†	†	†
Maritime Administration .....	†	†	†	†	†	†	†	†	†	†	†
Training for private sector employees <sup>33</sup> .....	1,226	2,479	†	†	†	†	†	†	†	†	†
Department of Health and Human Services.....	24,273	37,819	77,962	138,000	214,000	313,000	323,000	331,000	340,000	337,000	338,000
National Library of Medicine.....	24,273	37,819	77,962	138,000	214,000	313,000	323,000	331,000	340,000	337,000	338,000
Department of Homeland Security.....	†	†	†	†	†	278,243	264,523	351,120	341,100	1,892,000	282,471
Federal Law Enforcement Training Center <sup>47</sup> .....	†	†	†	†	†	159,000	245,000	331,000	323,000	311,000	338,000
Estimated disaster relief <sup>48</sup> .....	†	†	†	†	†	119,243	19,523	20,120	18,100	1,581,000	-55,529
Department of Justice.....	5,546	27,642	26,920	36,296	34,727	26,148	28,425	28,993	33,563	33,563	33,563
Federal Bureau of Investigation National Academy .....	2,066	7,234	6,028	12,831	22,479	15,619	17,062	17,403	19,443	19,443	19,443
Federal Bureau of Investigation Field Police Academy .....	2,500	7,715	10,548	11,140	11,962	10,456	11,343	11,570	14,120	14,120	14,120
Narcotics and dangerous drug training .....	980	2,416	850	325	286	73	20	20	†	†	†
National Institute of Corrections.....	†	10,277	9,494	12,000	†	†	†	†	†	†	†

See notes at end of table.

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**  
 [In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
Department of State.....	20,672	25,000	47,539	51,648	69,349	109,309	116,280	118,520	120,520	121,620	123,452
Foreign Service Institute.....	15,857	25,000	47,539	51,648	69,349	109,309	116,280	118,520	120,520	121,620	123,452
Center for Cultural and Technical Interchange <sup>41</sup> .....	4,815	†	†	†	†	†	†	†	†	†	†
Department of Transportation.....	3,964	10,212	1,507	650	700	1,100	178	133	146	135	120
Highways training and education grants.....	2,418	3,412	—	—	—	—	—	—	—	—	—
Maritime Administration											
Training for private sector employees <sup>31</sup> .....	†	†	1,507	650	700	1,100	178	133	146	135	120
Urban mass transportation—managerial training grants.....	1,546	500	†	†	†	†	†	†	†	†	†
Federal Aviation Administration											
Air traffic controllers second career program.....	—	6,300	—	—	—	—	—	—	—	—	—
Department of the Treasury.....	18	14,584	41,488	48,000	83,000	†	†	†	†	†	†
Federal Law Enforcement Training Center <sup>47</sup> .....	18	14,584	41,488	48,000	83,000	†	†	†	†	†	†
Other agencies											
ACTION <sup>49</sup> .....	†	2,833	8,472	†	†	†	†	†	†	†	†
Estimated education funds.....	†	2,833	8,472	†	†	†	†	†	†	†	†
Agency for International Development.....	88,034	99,707	170,371	260,408	299,000	574,000	608,420	612,025	542,700	486,900	651,600
Education and human resources.....	61,570	80,518	142,801	248,408	299,000	574,000	608,420	612,025	542,700	486,900	651,600
American schools and hospitals abroad.....	26,464	19,189	27,570	12,000	†	†	†	†	†	†	†
Appalachian Regional Commission.....	572	8,124	†	5,709	2,369	1,173	3,056	1,980	1,620	3,514	3,510
Corporation for National and Community Service <sup>49</sup> .....	†	†	†	214,600	386,000	472,000	333,000	401,000	965,000	983,000	757,000
Estimated education funds.....	†	†	†	214,600	386,000	472,000	333,000	401,000	965,000	983,000	757,000
Federal Emergency Management Agency <sup>50</sup> .....	290	281	215	170,400	14,894	†	†	†	†	†	†
Estimated architect/engineer student development program.....	40	31	200	—	—	†	†	†	†	†	†
Estimated other training programs <sup>51</sup> .....	250	250	15	—	—	†	†	†	†	†	†
Estimated disaster relief <sup>49</sup> .....	—	—	—	170,400	14,894	†	†	†	†	†	†
General Services Administration											
Libraries and other archival activities <sup>52</sup> .....	14,775	34,800	†	†	†	†	†	†	†	†	†
Institute of Museum and Library Services <sup>46</sup> .....	†	†	†	†	166,000	250,000	253,000	265,000	265,000	274,000	276,000
Japanese-United States Friendship Commission.....	†	2,294	2,299	2,000	3,000	3,000	2,000	2,000	2,000	2,000	3,000
Library of Congress.....	29,478	151,871	189,827	241,000	299,000	430,000	434,000	468,000	516,000	521,000	521,000
Salaries and expenses.....	20,700	102,364	148,985	198,000	247,000	383,000	395,000	420,000	439,000	446,000	442,000
Books for the blind and the physically handicapped.....	6,195	31,436	37,473	39,000	46,000	47,000	39,000	48,000	77,000	75,000	79,000
Special foreign currency program.....	2,273	3,492	10	†	†	†	†	†	†	†	†
Furniture and furnishings.....	310	14,579	3,359	4,000	6,000	—	—	—	—	—	—
National Aeronautics and Space Administration											
Aerospace education services project.....	350	882	3,300	5,923	6,800	—	—	—	—	—	—
National Archives and Records Administration											
Libraries and other archival activities <sup>52</sup> .....	†	†	77,397	105,172	121,879	276,000	279,000	329,000	339,000	349,000	356,000
National Commission on Libraries and Information Science <sup>53</sup> .....	†	2,090	3,281	1,000	2,000	1,000	1,000	†	†	†	†
National Endowment for the Arts.....	340	231	936	2,304	4,046	2,506	3,202	3,002	2,883	2,509	2,200
National Endowment for the Humanities.....	5,090	85,805	89,706	94,249	70,807	87,969	87,690	93,738	94,580	90,891	91,000
Smithsonian Institution.....	2,461	5,153	5,779	9,961	25,764	45,890	64,768	61,104	63,107	67,149	66,167
Museum programs and related research.....	2,261	3,254	690	3,190	18,000	32,000	55,600	51,000	52,000	56,000	54,000
National Gallery of Art extension service.....	200	426	474	771	764	890	168	104	107	149	167
Woodrow Wilson International Center for Scholars.....	†	1,473	4,615	6,000	7,000	13,000	9,000	10,000	11,000	11,000	12,000

See notes at end of table.

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**  
[In thousands of current dollars]

Level/educational purpose, agency, and program	1970	1980	1990 <sup>1</sup>	1995 <sup>1</sup>	2000 <sup>1</sup>	2005 <sup>1</sup>	2008 <sup>1</sup>	2009 <sup>1,2</sup>	2010 <sup>1,3</sup>	2011 <sup>1,3</sup>	2012 <sup>1,3</sup>
1	2	3	4	5	6	7	8	9	10	11	12
U.S. Information Agency—Center for Cultural and Technical Interchange <sup>41</sup> .....	†	15,115	20,375	34,000	†	†	†	†	†	†	†
U.S. Institute of Peace.....	†	†	7,621	12,000	13,000	28,000	17,000	49,000	58,000	47,000	44,000
Other programs											
Estimated education share of federal aid for the District of Columbia.....	1,758	2,990	3,724	2,457	404	1,674	1,504	1,264	1,020	975	980
<b>Research programs at universities and related institutions<sup>54</sup> .....</b>	<b>\$2,283,641</b>	<b>\$5,801,204</b>	<b>\$12,606,035</b>	<b>\$15,677,919</b>	<b>\$21,660,134</b>	<b>\$31,753,498</b>	<b>\$28,797,817</b>	<b>\$36,697,689</b>	<b>\$36,394,306</b>	<b>\$32,769,405</b>	<b>—</b>
Department of Education <sup>55</sup> .....	87,823	78,742	89,483	279,000	116,464	456,822	463,729	675,789	659,006	608,786	593,664
American Recovery and Reinvestment Act of 2009 <sup>2</sup> portion of Department of Education funding for research programs at universities and related institutions .....	†	†	†	†	†	†	†	97,187	†	†	†
Department of Agriculture .....	64,796	216,405	348,109	434,544	553,600	709,700	707,800	714,500	1,021,600	893,900	—
Department of Commerce.....	4,487	48,295	50,523	85,442	110,775	243,948	193,612	263,000	222,200	261,617	—
Department of Defense .....	356,188	644,455	1,871,864	1,853,955	1,891,710	2,675,900	2,739,258	2,744,900	2,870,700	2,444,800	—
Department of Energy .....	548,327	1,470,224	2,520,885	2,651,641	3,577,004	4,339,879	2,469,637	3,747,800	3,238,000	3,064,475	—
Department of Health and Human Services.....	623,765	2,087,053	4,902,714	6,418,969	10,491,641	16,357,996	16,976,434	20,575,200	21,380,100	18,693,076	—
Department of Homeland Security.....	†	†	†	†	†	309,717	91,057	102,500	194,300	169,489	—
Department of Housing and Urban Development .....	510	5,314	118	1,613	1,400	1,100	400	200	400	1,300	—
Department of the Interior .....	18,521	42,175	49,790	50,618	47,200	66,800	53,900	70,900	50,400	48,800	—
Department of Justice.....	1,945	9,189	6,858	7,204	19,400	27,500	25,800	39,100	6,700	6,000	—
Department of Labor.....	3,567	12,938	5,893	10,114	12,900	110,500	500	300	1,100	300	—
Department of State.....	8,220	188	1,519	23	†	†	†	†	†	†	†
Department of Transportation .....	12,328	31,910	28,608	75,847	55,866	52,800	71,200	69,300	55,900	61,200	—
Department of the Treasury.....	†	226	227	1,496	†	†	100	†	400	400	†
Department of Veterans Affairs .....	518	1,600	2,300	2,500	†	†	†	†	†	†	†
Agency for International Development.....	†	77,063	79,415	30,172	33,500	28,100	26,900	30,200	16,300	16,600	—
Environmental Protection Agency.....	19,446	41,083	87,481	125,721	98,900	83,400	44,500	52,900	48,200	48,900	—
Federal Emergency Management Agency .....	†	1,665	†	†	†	†	†	†	†	†	†
National Aeronautics and Space Administration.....	258,016	254,629	1,090,003	1,751,977	2,071,030	2,763,120	1,154,900	1,754,100	1,752,800	1,771,100	—
National Science Foundation .....	253,628	743,809	1,427,007	1,874,395	2,566,244	3,503,216	3,767,290	5,835,300	4,852,400	4,657,862	—
Nuclear Regulatory Commission .....	†	32,590	42,328	22,188	12,200	15,100	2,200	8,200	10,000	8,400	—
Office of Economic Opportunity .....	20,035	†	†	†	†	†	†	†	†	†	†
U.S. Arms Control and Disarmament Agency .....	100	661	25	†	†	†	†	†	†	†	†
Other agencies.....	1,421	990	885	500	300	7,900	8,600	13,500	13,800	12,400	—

See notes at end of table.

**Table 421. Federal on-budget funds for education, by level/educational purpose, agency, and program: Selected fiscal years, 1970 through 2012—Continued**

—Not available.

<sup>†</sup>Not applicable.

<sup>1</sup>Excludes federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Benefits excluded from total because data before fiscal year (FY) 1990 are not available. This program existed since Medicare began, but was not available as a separate budget item until FY 1990. Excluded amounts are as follows: \$4,440,000,000 in FY 1990, \$7,510,000,000 in FY 1995, \$8,020,000,000 in FY 2000, \$8,300,000,000 in FY 2005, \$8,600,000,000 in FY 2008, \$8,800,000,000 in FY 2009, \$9,000,000,000 in FY 2010, \$9,410,000,000 in FY 2011, and an estimated \$9,700,000,000 in FY 2012.

<sup>2†</sup>In this table, all funds from the American Recovery and Reinvestment Act of 2009 (ARRA) are included in FY 2009. Most ARRA funds had a 2-year availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010.

<sup>3</sup>Data for research programs at universities and related institutions are estimated.

<sup>4</sup>The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

<sup>5</sup>Arranges for the education of children who reside on federal property when no suitable local school district can or will provide for the education of these children.

<sup>6</sup>Includes many programs, such as No Child Left Behind, 21st Century Community Learning Centers, Class Size Reduction, Charter Schools, Safe and Drug-Free Schools, and Innovative programs.

<sup>7</sup>Included the School-To-Work Opportunities program, which initiated a national system to be administered jointly by the U.S. Departments of Education and Labor. Programs in the Education Reform program were transferred to the school improvement programs or discontinued in FY 2002. Amounts after FY 2002 reflect balances that are spending out from prior-year appropriations.

<sup>8</sup>Starting in FY 1994, the Special Milk Program has been included in the child nutrition programs.

<sup>9</sup>The Farm Security and Rural Investment Act of 2002 (Public Law 107-171) carries out preschool and school feeding programs in foreign countries to help reduce the incidence of hunger and malnutrition, and improve literacy and primary education.

<sup>10</sup>These commodities are purchased under Section 32 of the Act of August 24, 1935, for use in the child nutrition programs.

<sup>11</sup>Assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this program since FY 1977, and it was completely phased out in FY 1984.

<sup>12</sup>Established in 1979, with funds first appropriated in FY 1980.

<sup>13</sup>Formerly in the Office of Economic Opportunity. In FY 1972, funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development.

<sup>14</sup>Created by the Family Support Act of 1988 to provide funds for the Job Opportunities and Basic Skills Training program. Later incorporated into the Temporary Assistance for Needy Families program.

<sup>15</sup>After age 18, benefits terminate at the end of the school term or in 3 months, whichever comes first.

<sup>16</sup>Transferred from the U.S. Department of Transportation to the U.S. Department of Homeland Security in March 2003.

<sup>17</sup>Provides funding for supplemental programs for eligible American Indian students in public schools.

<sup>18</sup>Finances the cost of academic, social, and occupational education courses for inmates in federal prisons.

<sup>19</sup>Some of the work and training programs were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in FYs 1971 and 1972. From FY 1994 through FY 2001, included the School-to-Work Opportunities program, which was administered jointly by the U.S. Departments of Education and Labor.

<sup>20</sup>Established in FY 1972 and closed in FY 1986.

<sup>21</sup>The states' share of revenue-sharing funds could not be spent on education in FYs 1981 through 1986.

<sup>22</sup>Provided educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977.

<sup>23</sup>This program is in "Readjustment Benefits" program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

<sup>24</sup>This program is in "Readjustment Benefits" program, Chapter 35, and provides benefits to children and spouses of veterans.

<sup>25</sup>Head Start program funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development, in FY 1972.

<sup>26</sup>Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 1972.

<sup>27</sup>Transferred to the U.S. Department of Labor in FYs 1971 and 1972.

<sup>28</sup>Transferred to the ACTION Agency in FY 1972.

<sup>29</sup>Under the William D. Ford Federal Direct Loan Program (commonly referred to as the Direct Loan Program), the federal government uses Treasury funds to provide loan capital directly to schools, which then disburse loan funds to students.

<sup>30</sup>The Federal Family Education Loan (FFEL) Program eliminated the authorization to originate new FFEL loans after June 30, 2010; all new loans are originated through the Direct Loan Program. The FFEL Program made loan capital available to students and their families through private lenders. State and private nonprofit guaranty agencies administer the federal guarantee protecting FFEL lenders against losses related to borrower default. These agencies also collect on defaulted loans and provide other services to lenders.

<sup>31</sup>Transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 1979.

<sup>32</sup>Transferred from the National Science Foundation to the U.S. Department of Commerce in October 1970.

<sup>33</sup>Transferred from the U.S. Department of Commerce to the U.S. Department of Transportation in FY 1981.

<sup>34</sup>Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and "Armed Forces Health Professions Scholarship" program.

<sup>35</sup>Does not include higher education assistance loans.

<sup>36</sup>Alcohol, drug abuse, and mental health training programs are included starting in FY 1992.

<sup>37</sup>Beginning in FY 1992, data were included in the National Institutes of Health training grants program.

<sup>38</sup>This program closed in FY 2004.

<sup>39</sup>Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

<sup>40</sup>Includes flight training. Transferred to the U.S. Department of Homeland Security in March 2003.

<sup>41</sup>Transferred from the U.S. Department of State to the United States Information Agency in 1977, then transferred back to the U.S. Department of State in FY 1998.

<sup>42</sup>Chapter 33 was enacted in the "Post 9-11 Veterans Educational Assistance Act of 2008" (Public Law 110-252).

<sup>43</sup>Part of the Ronald W. Reagan National Defense Authorization Act for FY 2005 (Public Law 108-375), enacted October 28, 2004. The Reserve Education Assistance Program (REAP) provides educational assistance to members of the National Guard and Reserves who serve on active duty in support of a contingency operation under federal authority on or after September 11, 2001.

<sup>44</sup>Abolished in FY 1998, with functions transferred to the U.S. Department of State and the newly created Broadcasting Board of Governors.

<sup>45</sup>Included in the "Educational and Cultural Affairs" program in FYs 1980 through 1983, and became an independent program in FY 1984.

<sup>46</sup>Transferred from U.S. Department of Education to the Institute of Museum and Library Services in FY 1997.

<sup>47</sup>Transferred to the U.S. Department of Homeland Security in FY 2003.

<sup>48</sup>The disaster relief program repairs and replaces damaged and destroyed school buildings. This program was transferred from the Federal Emergency Management Agency to the U.S. Department of Homeland Security in FY 2003.

<sup>49</sup>The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

<sup>50</sup>The Federal Emergency Management Agency was created in 1979, representing a combination of five existing agencies. The funds for the Federal Emergency Management Agency in FY 1970 to FY 1975 were in other agencies. This agency was transferred to the U.S. Department of Homeland Security in March 2003.

<sup>51</sup>These programs include the Fall-Out Shelter Analysis, Blast Protection Design through FY 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

<sup>52</sup>Transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

<sup>53</sup>Public Law 110-161 transferred the National Commission on Libraries and Information Science to the Institute of Museum and Library Services starting in FY 2008.

<sup>54</sup>Includes federal obligations for research and development centers and R & D plant administered by colleges and universities. FY 2009 and FY 2010 data are estimated, except the U.S. Department of Education data, which are actual numbers.

<sup>55</sup>FY 1970 includes outlays for the "Research and Training" program. FY 1980 includes outlays for the "National Institute of Education" program. FY 1990 through FY 2000 amounts are outlays for the Office of Educational Research and Improvement. FY 2005 through FY 2012 amounts are for the Institute of Education Sciences; these amounts are outlays for years prior to FY 2010 and appropriations for later years.

NOTE: To the extent possible, amounts reported represent outlays rather than obligations. Negative amounts occur when program receipts exceed outlays. Starting in FY 2010, amounts for the U.S. Department of Education are appropriations, not outlays. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1972 through 2013. National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1970 through 2011. (This table was prepared October 2012.)

**Table 422. Estimated federal support for education, by type of ultimate recipient and agency: Fiscal year 2011**

[In millions of current dollars]

Agency	Total	Local education agencies	State education agencies	Post- secondary students	Degree- granting institutions	Federal institutions	Other education organizations <sup>1</sup>	Other recipients <sup>2</sup>
1	2	3	4	5	6	7	8	9
<b>Total<sup>3</sup></b> .....	<b>\$294,516.1</b>	<b>\$49,094.2</b>	<b>\$8,154.9</b>	<b>\$82,867.3</b>	<b>\$110,008.7</b>	<b>\$17,191.1</b>	<b>\$21,279.3</b>	<b>\$5,920.6</b>
<b>Total program funds—on-budget</b> .....	<b>185,209.8</b>	<b>49,094.2</b>	<b>8,053.4</b>	<b>39,753.8</b>	<b>58,597.0</b>	<b>6,799.4</b>	<b>21,279.3</b>	<b>1,632.7</b>
Department of Education.....	93,777.3	29,870.2	7,146.2	26,324.7	24,471.9	2,407.1	2,957.5	599.7
Department of Agriculture .....	20,371.2	16,629.6	864.5	†	975.6	22.0	1,349.5	530.0
Department of Commerce .....	261.6	†	†	†	261.6	†	†	†
Department of Defense .....	6,789.9	377.5	†	809.0	3,055.1	2,019.1	529.1	†
Department of Energy .....	3,064.5	†	†	†	3,064.5	†	†	†
Department of Health and Human Services.....	29,260.3	755.9	†	1,869.0	19,275.1	337.0	7,023.3	†
Department of Homeland Security .....	2,131.7	1,241.0	†	22.2	525.4	343.1	†	†
Department of Housing and Urban Development.....	1.3	†	†	†	1.3	†	†	†
Department of the Interior .....	964.4	67.4	24.4	30.9	69.2	583.6	188.8	†
Department of Justice.....	951.4	†	†	†	6.0	34.6	910.8	†
Department of Labor .....	6,121.3	†	†	†	0.3	†	6,121.0	†
Department of State .....	782.6	†	†	†	†	121.6	661.0	†
Department of Transportation.....	138.3	†	†	†	61.2	61.0	0.1	16.0
Department of Veterans Affairs.....	10,333.1	†	18.3	10,314.7	†	†	†	†
<b>Other agencies and programs</b>								
Agency for International Development.....	503.5	†	†	†	16.6	†	†	486.9
Appalachian Regional Commission.....	11.9	†	†	†	6.1	†	5.8	†
Barry Goldwater Scholarship and Excellence in Education Foundation.....	3.0	†	†	†	†	†	3.0	†
Corporation for National and Community Service .....	983.0	†	†	†	†	†	983.0	†
Environmental Protection Agency.....	48.9	†	†	†	48.9	†	†	†
Estimated education share of federal aid to the District of Columbia.....	172.9	152.7	†	†	19.2	†	1.0	†
Harry S Truman scholarship fund .....	1.0	†	†	†	†	†	1.0	†
Institute of American Indian and Alaska Native Culture and Arts Development .....	8.0	†	†	†	†	†	8.0	†
Institute of Museum and Library Services .....	274.0	†	†	†	†	†	274.0	†
James Madison Memorial Fellowship Foundation.....	2.0	†	†	†	†	†	2.0	†
Japanese-United States Friendship Commission.....	2.0	†	†	†	†	†	2.0	†
Library of Congress .....	521.0	†	†	†	†	521.0	†	†
National Aeronautics and Space Administration .....	1,771.1	†	†	†	1,771.1	†	†	†
National Archives and Records Administration.....	349.0	†	†	†	†	349.0	†	†
National Endowment for the Arts.....	13.0	†	†	†	†	†	13.0	†
National Endowment for the Humanities .....	131.2	†	†	†	†	†	131.2	†
National Science Foundation.....	5,330.3	†	†	383.3	4,947.0	†	†	†
Nuclear Regulatory Commission.....	8.4	†	†	†	8.4	†	†	†
Smithsonian Institution .....	67.1	†	†	†	†	0.1	67.0	†
U.S. Institute of Peace .....	47.0	†	†	†	†	†	47.0	†
Other agencies .....	12.8	†	†	†	12.8	†	†	†
<b>Off-budget support and nonfederal funds generated by federal legislation</b> .....	<b>109,306.3</b>	<b>†</b>	<b>101.5</b>	<b>43,113.5</b>	<b>51,411.7</b>	<b>10,391.7</b>	<b>†</b>	<b>4,287.9</b>

†Not applicable.

<sup>1</sup>Includes Head Start programs at child care centers, Job Corps and other vocational programs, adult basic education programs, and federal programs at libraries and museums.<sup>2</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.<sup>3</sup>Includes on-budget funds, off-budget support, and nonfederal funds generated by federal legislation. Excludes federal tax expenditures.

NOTE: Outlays by type of recipient are estimated based on obligation data. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. U.S. Department of Education, National Center for Education Statistics, unpublished tabulations. U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix, Fiscal Year 2013*. National Science Foundation, *Federal Funds for Research and Development, fiscal years 2009, 2010, and 2011*. (This table was prepared November 2012.)

**Table 423. U.S. Department of Education outlays, by type of recipient and level of education: Selected fiscal years, 1980 through 2012**  
 [In millions of dollars]

Level of education and year	Total (constant fiscal year 2012 dollars)	Type of recipient (current dollars)							Other recipients <sup>2</sup>
		Total	Local education agencies	State education agencies	Postsecondary students	Postsecondary institutions	Federal institutions	Other education organizations <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10
<b>Total, all levels of education</b>									
1980.....	\$35,939.7	\$13,137.8	\$5,313.7	\$1,103.2	\$2,137.4	\$2,267.2	\$249.8	\$693.8	\$1,372.7
1985.....	33,615.6	16,701.1	6,225.0	1,502.9	2,434.7	2,362.3	287.3	503.9	3,385.0
1990.....	40,060.2	23,198.6	8,000.7	2,490.3	3,859.6	3,649.8	441.4	912.2	3,844.4
1995.....	46,407.3	31,403.0	11,210.7	3,584.0	4,964.7	5,016.1	485.4	1,349.2	4,792.9
2000.....	45,948.8	34,106.7	16,016.0	4,316.5	4,711.7	5,005.7	506.6	1,820.2	1,730.1
2003.....	72,370.2	57,442.9	23,837.7	6,164.6	11,032.5	10,731.8	657.8	2,478.9	2,539.6
2004.....	77,055.8	62,903.4	26,012.4	6,334.5	12,005.0	10,977.0	648.9	2,730.1	4,195.4
2005.....	86,123.5	72,893.3	28,900.2	7,126.3	14,708.2	13,362.4	669.8	3,023.0	5,103.4
2006.....	106,775.0	93,571.5	30,236.6	8,331.3	22,955.1	21,376.1	693.2	2,902.3	7,076.8
2007.....	79,722.9	71,808.0	29,008.8	7,429.4	14,269.9	13,877.6	613.2	2,931.5	3,677.7
2008.....	77,307.7	72,177.8	29,553.0	7,377.7	14,371.2	13,585.9	1,348.8	2,997.9	2,943.3
2009.....	188,100.5	176,478.6	98,899.2	16,306.7	23,564.4	22,626.4	1,553.6	12,065.8	1,462.4
2010.....	96,783.6	91,893.2	38,137.0	8,744.6	18,616.4	18,027.3	2,677.1	3,888.2	1,802.5
2011.....	96,137.0	93,777.3	29,870.2	7,146.2	26,324.7	24,471.9	2,407.1	2,957.5	599.7
2012.....	99,130.1	99,130.1	29,836.6	7,175.8	29,088.8	26,671.4	2,812.1	2,948.2	597.3
<b>Elementary/secondary</b>									
1980.....	18,134.5	6,629.1	5,309.4	662.2	34.2	22.0	62.5	513.4	25.5
1985.....	14,686.6	7,296.7	6,220.8	636.0	58.0	25.2	2.4	322.4	31.9
1990.....	16,717.9	9,681.3	7,995.0	700.3	80.5	85.4	113.7	650.7	56.3
1995.....	20,732.0	14,029.0	11,203.3	1,410.0	190.5	170.1	70.3	946.9	37.9
2000.....	26,997.5	20,039.6	16,003.5	1,989.6	260.5	198.9	48.5	1,461.8	76.8
2003.....	38,739.9	30,749.3	23,822.8	3,141.1	594.3	637.4	109.5	2,105.6	338.6
2004.....	41,269.1	33,689.4	25,990.0	3,611.7	606.2	642.5	126.4	2,300.0	412.0
2005.....	44,279.8	37,477.6	28,878.6	3,971.6	698.1	790.0	145.9	2,578.4	415.0
2006.....	44,347.2	38,863.4	30,214.8	4,098.7	741.5	775.1	168.6	2,455.5	409.2
2007.....	41,702.3	37,562.1	28,990.4	4,018.7	824.4	781.5	73.8	2,460.7	412.6
2008.....	41,054.6	38,330.4	29,533.5	4,100.2	859.6	800.2	96.3	2,518.1	422.5
2009.....	134,792.4	126,464.1	98,872.6	12,952.2	893.8	1,325.9	86.1	11,588.0	745.4
2010.....	52,262.3	49,621.5	38,112.4	5,287.1	881.1	1,216.3	84.0	3,363.9	676.7
2011.....	39,624.8	38,652.2	29,845.6	4,176.2	876.9	800.5	93.8	2,440.3	419.0
2012.....	38,601.6	38,601.6	29,812.1	4,179.2	884.8	789.8	98.4	2,426.3	411.0
<b>Postsecondary</b>									
1980.....	15,544.2	5,682.2	†	99.5	2,103.2	2,166.5	†	†	1,313.0
1985.....	16,509.8	8,202.5	†	228.3	2,376.7	2,308.3	†	†	3,289.2
1990.....	19,299.1	11,176.0	†	261.6	3,779.1	3,475.0	†	†	3,660.4
1995.....	21,035.0	14,234.0	†	250.8	4,774.2	4,567.0	†	†	4,642.0
2000.....	14,451.9	10,727.3	†	55.2	4,451.2	4,690.3	†	†	1,530.6
2003.....	28,607.0	22,706.4	†	668.6	10,438.2	9,542.5	†	†	2,057.2
2004.....	31,042.4	25,341.0	†	420.9	11,398.8	9,899.3	†	†	3,621.9
2005.....	37,122.7	31,420.0	†	777.1	14,010.1	12,115.6	†	†	4,517.2
2006.....	57,768.0	50,624.6	†	1,702.4	22,213.6	20,210.5	†	†	6,498.1
2007.....	33,364.4	30,052.0	†	805.5	13,445.5	12,658.6	†	57.8	3,084.6
2008.....	30,888.4	28,838.8	†	618.8	13,511.6	12,322.0	†	58.3	2,328.1
2009.....	47,051.8	44,144.7	†	228.0	22,670.6	20,624.7	†	63.7	557.7
2010.....	38,484.3	36,539.7	†	581.9	17,735.3	16,152.0	1,061.9	68.4	940.1
2011.....	50,499.8	49,260.3	†	120.7	25,447.8	23,062.6	557.9	65.5	5.7
2012.....	54,470.2	54,470.2	†	117.3	28,204.0	25,287.9	784.9	65.4	10.6
<b>Other programs</b>									
1980.....	2,045.5	747.7	4.3	341.5	†	†	187.3	180.4	34.2
1985.....	2,361.2	1,173.1	4.2	638.6	†	†	284.9	181.5	63.9
1990.....	3,888.5	2,251.8	5.7	1,528.5	†	†	328.3	261.5	127.8
1995.....	4,228.0	2,861.0	7.4	1,923.2	†	†	415.1	402.3	113.0
2000.....	4,342.6	3,223.4	12.5	2,271.7	†	†	458.1	358.4	122.7
2003.....	4,327.9	3,435.2	14.9	2,354.9	†	†	548.3	373.3	143.8
2004.....	4,211.3	3,437.8	22.4	2,301.9	†	†	522.5	430.1	160.9
2005.....	4,181.2	3,538.9	21.6	2,377.6	†	†	523.9	444.6	171.2
2006.....	4,214.0	3,692.9	21.8	2,530.2	†	†	524.6	446.8	169.5
2007.....	4,170.4	3,756.4	18.4	2,605.2	†	†	539.4	413.0	180.5
2008.....	4,868.0	4,545.0	19.5	2,658.7	†	†	1,252.5	421.5	192.7
2009.....	5,536.2	5,194.1	26.6	3,126.5	†	†	1,467.5	414.1	159.3
2010.....	5,343.1	5,073.1	24.6	2,875.6	†	†	1,531.2	455.9	185.7
2011.....	5,388.2	5,255.9	24.6	2,849.3	†	†	1,755.4	451.7	175.0
2012.....	5,464.7	5,464.7	24.5	2,879.3	†	†	1,928.8	456.5	175.7
<b>Education research and statistics</b>									
1980.....	215.3	78.7	†	†	†	78.7	†	†	†
1985.....	58.0	28.8	†	†	†	28.8	†	†	†
1990.....	154.5	89.5	†	†	†	89.5	†	†	†
1995.....	412.3	279.0	†	†	†	279.0	†	†	†
2000.....	156.9	116.5	†	†	†	116.5	†	†	†
2003.....	695.3	551.9	†	†	†	551.9	†	†	†
2004.....	533.1	435.2	†	†	†	435.2	†	†	†
2005.....	539.7	456.8	†	†	†	456.8	†	†	†
2006.....	445.7	390.5	†	†	†	390.5	†	†	†
2007.....	485.7	437.5	†	†	†	437.5	†	†	†
2008.....	496.7	463.7	†	†	†	463.7	†	†	†
2009.....	720.3	675.8	†	†	†	675.8	†	†	†
2010.....	694.1	659.0	†	†	†	659.0	†	†	†
2011.....	624.1	608.8	†	†	†	608.8	†	†	†
2012.....	593.7	593.7	†	†	†	593.7	†	†	†

†Not applicable.

<sup>1</sup>Includes funds for vocational education and for federal programs at libraries and museums.<sup>2</sup>Other recipients include American Indian tribes, private nonprofit agencies, and banks.

NOTE: Outlays by type of recipient are estimated based on obligation data. Negative amounts occur when program receipts exceed outlays. The increase in postsecondary expenditures in 2006 resulted primarily from an accounting adjustment. All funds from the American Recovery and Reinvestment Act of 2009 (ARRA) are included in FY 2009. Most ARRA funds had a 2-

years availability, meaning that they were available for the Department of Education to obligate during FY 2009 and FY 2010. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1982 through 2013. U.S. Department of Education, Budget Service, unpublished tabulations. (This table was prepared November 2012.)

**Table 424. U.S. Department of Education appropriations for major programs, by state or jurisdiction: Fiscal year 2011**

[In thousands of current dollars]

State or jurisdiction	Total	Grants for the disadvantaged <sup>1</sup>	Block grants to states for school improvement <sup>2</sup>	School assistance in federally affected areas <sup>3</sup>	Career/technical and adult education <sup>4</sup>	Special education <sup>5</sup>	Language assistance <sup>6</sup>	American Indian education	Degree-granting institutions <sup>7</sup>	Student financial assistance <sup>8</sup>	Rehabilitation services <sup>9</sup>
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total, 50 states and D.C.<sup>10</sup> .....</b>	<b>\$77,395,881</b>	<b>\$14,718,292</b>	<b>\$4,184,353</b>	<b>\$1,094,946</b>	<b>\$1,655,320</b>	<b>\$11,992,249</b>	<b>\$673,797</b>	<b>\$104,122</b>	<b>\$2,118,646</b>	<b>\$37,735,948</b>	<b>\$3,118,209</b>
<b>Total, 50 states, D.C., other activities, and other jurisdictions.....</b>	<b>80,249,477</b>	<b>15,421,796</b>	<b>4,423,636</b>	<b>1,201,703</b>	<b>1,718,285</b>	<b>12,277,860</b>	<b>733,530</b>	<b>104,122</b>	<b>2,171,322</b>	<b>38,885,584</b>	<b>3,311,638</b>
Alabama .....	1,405,157	236,777	70,300	2,577	28,927	191,584	3,658	1,644	79,573	727,952	62,165
Alaska .....	335,289	44,849	21,958	132,740	5,241	39,454	1,117	11,839	17,098	46,868	14,125
Arizona .....	2,972,992	334,202	78,236	164,445	37,591	198,700	22,401	11,076	31,434	2,026,009	68,898
Arkansas .....	816,798	168,159	47,833	364	17,368	120,245	3,226	304	38,936	371,767	48,596
California .....	8,866,478	1,824,900	470,507	60,483	208,818	1,305,320	164,936	5,967	249,602	4,266,125	309,821
Colorado .....	1,141,885	166,892	50,747	17,451	22,725	164,784	10,771	696	31,206	633,265	43,348
Connecticut .....	1,651,769	113,784	39,536	3,905	15,116	140,449	5,760	0	11,915	294,651	28,654
Delaware .....	199,553	44,563	21,987	40	6,281	36,997	1,032	0	7,884	67,859	12,909
District of Columbia .....	348,056	51,906	21,570	619	5,546	19,297	724	0	15,297	215,617	17,282
Florida .....	4,490,913	792,616	196,646	6,520	97,613	666,340	42,878	92	66,225	2,455,195	166,787
Georgia .....	2,612,942	553,887	130,186	22,076	57,555	346,632	15,941	0	74,702	1,341,445	70,517
Hawaii .....	302,738	50,437	22,158	41,337	7,575	42,631	2,991	0	25,590	94,635	15,384
Idaho .....	405,204	60,386	23,928	5,348	8,825	59,329	2,253	405	13,044	213,745	17,940
Illinois .....	3,373,251	668,805	174,344	18,355	64,063	535,905	29,611	167	69,462	1,690,152	122,387
Indiana .....	1,632,710	271,756	74,054	107	35,566	272,684	7,438	0	19,165	883,848	68,091
Iowa .....	1,251,274	81,531	35,896	268	15,597	128,731	2,951	267	24,986	932,217	28,830
Kansas .....	687,838	127,935	38,034	23,934	13,930	114,040	3,723	1,276	30,247	303,649	31,611
Kentucky .....	1,157,806	242,887	70,549	602	27,086	172,115	3,789	0	46,896	544,809	49,073
Louisiana .....	1,252,561	313,248	91,311	7,915	30,267	200,081	2,980	938	60,899	508,517	36,403
Maine .....	311,853	55,706	25,051	2,006	7,394	58,787	743	149	8,751	134,271	18,995
Maryland .....	1,052,435	191,086	58,419	5,012	24,957	212,130	9,681	74	40,059	460,338	50,678
Massachusetts .....	1,338,864	230,913	71,997	382	28,517	298,161	12,583	77	34,942	588,501	72,790
Michigan .....	2,685,127	564,140	160,004	4,008	54,362	420,587	10,894	2,635	43,424	1,320,269	104,804
Minnesota .....	1,268,537	166,823	56,059	17,794	22,987	202,250	8,344	3,967	29,381	710,124	50,808
Mississippi .....	1,006,012	202,400	65,330	1,603	19,858	127,461	1,830	448	46,093	494,032	46,957
Missouri .....	1,489,694	256,027	79,963	22,775	31,962	238,582	5,109	86	28,090	758,106	68,994
Montana .....	307,964	47,335	27,069	40,538	6,563	40,125	557	3,306	26,499	101,742	14,231
Nebraska .....	427,641	69,686	27,077	19,365	9,190	78,768	2,634	843	13,152	184,452	22,474
Nevada .....	421,774	101,241	26,070	3,025	14,144	75,133	9,020	742	16,977	154,327	21,097
New Hampshire .....	245,870	42,559	24,338	0	7,272	50,660	937	0	3,383	102,280	14,440
New Jersey .....	1,656,645	314,511	93,362	7,615	38,256	379,701	20,157	54	28,882	711,268	62,839
New Mexico .....	696,051	119,051	35,910	91,545	12,283	96,296	4,281	8,762	39,861	263,562	24,499
New York .....	5,073,576	1,221,985	325,762	20,750	96,529	808,427	53,358	1,901	75,530	2,288,868	180,465
North Carolina .....	2,156,809	411,812	106,314	13,889	52,943	347,243	14,709	3,626	83,136	1,014,030	109,106
North Dakota .....	226,158	35,612	22,352	27,716	5,222	30,240	500	1,856	15,645	74,449	12,565
Ohio .....	2,958,993	594,714	156,931	1,342	59,709	459,746	8,947	0	43,184	1,521,890	112,530
Oklahoma .....	977,737	162,036	59,350	33,870	21,263	155,262	3,870	25,107	49,664	421,279	46,035
Oregon .....	925,463	163,787	45,670	2,941	19,290	136,246	7,950	2,131	18,230	487,478	41,741
Pennsylvania .....	2,777,823	575,297	163,051	770	61,672	450,835	13,227	0	47,988	1,358,159	106,823
Rhode Island .....	300,716	51,894	22,061	1,358	7,837	47,081	2,068	0	6,068	143,989	18,360
South Carolina .....	1,129,988	230,415	60,813	1,517	27,225	188,345	4,771	20	54,384	509,462	53,037
South Dakota .....	312,716	46,274	22,857	50,102	5,458	36,106	533	4,062	14,492	120,218	12,614
Tennessee .....	1,541,378	285,126	80,440	3,604	35,800	249,472	5,846	0	46,600	757,934	76,556
Texas .....	6,331,865	1,461,888	366,455	105,402	144,977	1,034,483	101,460	392	191,035	2,678,089	247,983
Utah .....	782,501	85,849	29,213	7,106	15,832	117,377	5,277	1,324	16,165	463,994	40,365
Vermont .....	185,972	35,738	21,627	6	5,157	29,312	500	232	9,785	66,354	17,260
Virginia .....	1,657,922	257,276	77,075	35,133	37,654	298,336	11,221	15	48,413	814,642	78,157
Washington .....	1,296,552	235,584	68,853	40,264	29,979	235,810	16,622	4,340	57,024	550,309	57,766
West Virginia .....	560,340	95,745	35,746	16	12,312	80,751	715	0	19,536	265,058	50,462
Wisconsin .....	1,203,121	222,571	67,720	11,944	27,989	222,424	6,772	2,486	40,750	539,829	60,636
Wyoming .....	182,572	34,529	21,633	12,459	5,039	30,795	500	814	7,361	58,122	11,321
Other activities/jurisdictions											
Indian Tribe (Set-Aside) .....	288,660	105,119	23,556	0	14,027	97,303	5,000	0	0	0	43,655
Other .....	360,076	20,250	60,534	106,660	13,328	25,000	47,679	0	300	23,675	62,650
American Samoa .....	34,816	10,011	5,006	0	581	6,879	954	0	1,585	8,158	1,642
Guam .....	59,667	11,976	7,196	0	1,063	15,387	1,419	0	1,941	17,189	3,494
Marshall Islands .....	0	0	0	0	0	0	0	0	0	0	0
Federated States of Micronesia ....	31,195	0	0	0	179	6,579	0	0	472	23,964	0
Northern Marianas .....	21,850	3,842	2,837	0	692	5,232	1,234	0	1,668	5,023	1,322
Palau .....	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	2,013,288	538,853	133,809	0	32,008	119,598	3,386	0	43,550	1,064,357	77,728
U.S. Virgin Islands .....	44,044	13,453	6,345	97	1,087	9,634	61	0	3,161	7,269	2,938

<sup>1</sup>Title I includes Grants to Local Education Agencies (Basic, Concentration, Targeted, and Education Finance Incentive Grants); School Turnaround Grants; Migrant Education Grants; and Neglected and Delinquent Children Grants.

<sup>2</sup>Title VI includes Improving Teacher Quality State Grants; Mathematics and Science Partnerships; Educational Technology State Grants; 21st Century Community Learning Centers; Assessing Achievement, including No Child Left Behind; Education for the Homeless Children and Youth; Rural and Low-Income Schools Program; and Small, Rural School Achievement Program.

<sup>3</sup>Includes Impact Aid—Basic Support Payments; Impact Aid—Payments for Children with Disabilities; and Impact Aid—Construction.

<sup>4</sup>Includes Career and Technical Education State Grants; English Literacy and Civics Education State Grants; and Adult Basic and Literacy Education State Grants.

<sup>5</sup>Includes Special Education—Grants to States; Preschool Grants; and Grants for Infants and Families.

<sup>6</sup>Includes English Learner Education.

<sup>7</sup>Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students; Other Special Programs for the Disadvantaged; Cooperative Education; Fund for the Improvement of Postsecondary Education; Fellowships and Scholarships; and College Access Challenge Funds.

<sup>8</sup>Includes Pell Grants; Federal Supplemental Educational Opportunity Grants; Federal Work-Study; College Access Challenge Grant; and Student Loan Program interest subsidies.

<sup>9</sup>Includes Vocational Rehabilitation State Grants; Supported Employment State Grants; Client Assistance State Grants; Independent Living State Grants; Services for Older Blind Individuals; Centers for Independent Living; Protection and Advocacy for Assistive Technology; Assistive Technology State Grant Program; and Protection and Advocacy of Individual Rights.

<sup>10</sup>Total excludes other activities and other jurisdictions.

NOTE: Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 2013*. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, Budget Service, unpublished tabulations. (This table was prepared October 2012.)

**Table 425. Appropriations for Title I and selected other programs under the No Child Left Behind Act of 2001, by program and state or jurisdiction: Fiscal years 2011 and 2012**

[In thousands of current dollars]

State or jurisdiction	Title I total, 2011	Title I, 2012					Assessing Achievement, 2012	Improving Teacher Quality State Grants, 2012
		Total	Grants to local education agencies¹	State agency programs		Turn- around Grants		
				Neglected and Delinquent	Migrant			
1	2	3	4	5	6	7	8	9
<b>Total, 50 states and D.C.²</b>	<b>\$14,718,292</b>	<b>\$14,805,486</b>	<b>\$13,886,001</b>	<b>\$48,368</b>	<b>\$383,236</b>	<b>\$487,881</b>	<b>\$370,466</b>	<b>\$2,318,531</b>
<b>Total, 50 states, D.C., other activities, and other jurisdictions</b>	<b>15,421,796</b>	<b>15,493,478</b>	<b>14,516,458</b>	<b>50,231</b>	<b>393,236</b>	<b>533,552</b>	<b>389,214</b>	<b>2,466,567</b>
Alabama	236,777	242,201	230,985	955	2,135	8,125	6,334	38,660
Alaska	44,849	46,216	37,233	244	7,222	1,517	3,537	11,494
Arizona	334,202	335,194	316,418	1,480	6,814	10,483	7,727	38,321
Arkansas	168,159	167,085	155,861	375	5,465	5,383	5,070	23,383
California	1,824,900	1,851,677	1,653,520	1,568	134,761	61,829	30,249	270,254
Colorado	166,892	160,881	147,753	553	7,295	5,280	6,552	27,122
Connecticut	113,784	111,384	105,080	1,610	1,031	3,663	5,477	22,557
Delaware	44,563	45,695	43,431	477	303	1,484	3,604	11,494
District of Columbia	51,906	49,373	46,618	1,216	0	1,539	3,275	11,494
Florida	792,616	787,419	735,495	1,547	23,562	26,815	14,798	109,848
Georgia	553,887	530,590	504,015	1,164	8,179	17,232	10,271	64,203
Hawaii	50,437	48,207	45,430	339	832	1,606	3,872	11,494
Idaho	60,386	61,630	55,342	552	3,699	2,036	4,238	11,494
Illinois	668,805	674,467	649,119	1,147	1,976	22,224	12,240	98,761
Indiana	271,756	279,484	263,971	574	5,695	9,244	7,731	41,589
Iowa	81,531	89,442	84,226	515	1,666	3,034	5,119	18,836
Kansas	127,395	123,805	107,417	315	11,954	4,120	5,101	19,285
Kentucky	242,887	239,605	223,141	962	7,657	7,845	5,985	37,817
Louisiana	313,248	302,636	288,699	1,708	2,559	9,670	6,238	54,187
Maine	55,706	54,971	51,745	226	1,211	1,789	3,826	11,494
Maryland	191,086	198,820	189,891	1,583	523	6,822	6,982	34,863
Massachusetts	230,913	222,248	210,741	2,606	1,666	7,234	7,237	43,678
Michigan	564,140	565,493	538,021	809	8,861	17,802	10,041	95,607
Minnesota	166,823	165,383	157,485	246	2,143	5,509	6,741	33,022
Mississippi	202,400	196,811	188,720	830	1,072	6,188	5,194	35,697
Missouri	256,027	243,994	233,344	1,379	1,570	7,700	7,170	41,652
Montana	47,335	47,855	45,163	113	1,042	1,537	3,649	11,494
Nebraska	69,686	79,153	70,800	407	5,270	2,675	4,319	11,771
Nevada	101,241	110,979	106,467	442	245	3,825	4,924	12,431
New Hampshire	42,559	41,217	39,231	482	151	1,353	3,876	11,494
New Jersey	314,511	317,258	302,750	1,990	2,030	10,488	9,140	54,956
New Mexico	119,051	124,957	119,499	360	953	4,144	4,505	19,147
New York	1,221,985	1,182,637	1,131,874	2,944	10,227	37,592	15,767	195,518
North Carolina	411,812	422,050	399,562	2,267	5,831	14,390	9,646	53,878
North Dakota	35,612	37,097	35,556	82	242	1,217	3,424	11,494
Ohio	594,714	612,096	588,162	935	2,745	20,254	11,097	90,809
Oklahoma	162,036	168,932	161,455	307	1,587	5,582	5,681	27,960
Oregon	163,787	163,423	146,664	708	10,602	5,450	5,534	23,566
Pennsylvania	575,297	604,951	574,389	967	9,371	20,225	11,310	98,149
Rhode Island	51,894	51,316	49,138	446	69	1,663	3,671	11,494
South Carolina	230,415	224,390	214,933	1,473	581	7,403	6,135	30,488
South Dakota	46,274	46,113	43,595	139	866	1,513	3,577	11,494
Tennessee	285,126	291,599	280,648	482	595	9,874	7,384	41,694
Texas	1,461,588	1,499,189	1,386,311	2,177	60,980	49,721	22,891	200,180
Utah	85,849	99,463	93,182	967	1,909	3,405	5,446	16,138
Vermont	35,738	36,986	34,501	617	656	1,213	3,392	11,494
Virginia	257,276	240,315	229,980	1,771	821	7,743	8,415	43,067
Washington	235,584	237,549	213,018	1,037	15,629	7,866	7,599	39,718
West Virginia	95,745	98,616	94,248	955	84	3,329	4,142	20,418
Wisconsin	222,571	236,951	227,548	671	657	8,075	6,952	39,886
Wyoming	34,529	35,686	33,627	646	241	1,171	3,384	11,494
Other activities/jurisdictions								
Indian Tribe Set-Aside	105,119	102,259	98,904	0	0	3,356	1,900	12,271
Other nonstate allocations	20,250	46,918	8,984	1,256	10,000	26,678	9,214	49,331
American Samoa	10,011	11,392	11,018	0	0	374	360	2,845
Guam	11,976	11,783	11,396	0	0	387	774	4,374
Northern Marianas	3,842	4,138	4,002	0	0	136	243	1,360
Puerto Rico	538,853	496,194	481,348	607	0	14,239	5,734	74,162
U.S. Virgin Islands	13,453	15,308	14,805	0	0	502	523	3,692

<sup>1</sup>Includes Basic, Concentration, Targeted, and Education Finance Incentive Grants.<sup>2</sup>Total excludes other activities and other jurisdictions.

NOTE: Detail may not sum to totals because of rounding. Estimates for fiscal year 2012 are preliminary.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished tabulations. (This table was prepared November 2012.)



**Table 426. Federal obligations for research, development, and R&D plant, by category of obligation, performers, and fields of science: Fiscal years 2003 through 2011**

[In millions of current dollars]

Category of obligation, performers, and fields of science	Actual							Estimated		Percent change, 2010 to 2011
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
1	2	3	4	5	6	7	8	9	10	11
<b>Total obligations for research, development, and R&amp;D plant.....</b>	<b>\$97,927.9</b>	<b>\$105,370.7</b>	<b>\$112,994.6</b>	<b>\$112,270.6</b>	<b>\$129,431.2</b>	<b>\$129,049.5</b>	<b>\$136,996.5</b>	<b>\$140,496.5</b>	<b>\$130,241.4</b>	<b>-7.3</b>
<b>Research and development obligations.....</b>	<b>93,661.3</b>	<b>101,376.5</b>	<b>109,223.5</b>	<b>110,145.8</b>	<b>127,262.9</b>	<b>127,105.7</b>	<b>133,349.0</b>	<b>136,426.0</b>	<b>127,786.6</b>	<b>-6.3</b>
Performers										
Federal intramural <sup>1</sup> .....	22,861.6	22,423.2	24,125.4	25,563.2	29,932.5	29,637.9	30,442.3	32,278.3	32,223.7	-0.2
Industrial firms.....	33,852.7	39,214.6	44,112.5	44,152.9	55,342.3	56,337.6	53,303.8	54,158.3	49,948.9	-7.8
FFRDCs <sup>2</sup> administered by industrial firms.....	1,507.6	1,543.1	1,612.1	1,421.9	2,691.6	4,119.9	4,054.5	4,225.9	4,060.6	-3.9
Universities and colleges.....	22,693.5	24,169.7	24,841.5	24,336.3	25,547.8	26,026.5	31,563.0	31,177.8	28,373.0	-9.0
FFRDCs <sup>2</sup> administered by universities and colleges.....	4,754.2	5,400.9	5,686.1	5,439.1	4,171.2	1,988.6	3,362.8	3,547.3	3,455.6	-2.6
Other nonprofit institutions.....	5,706.7	5,623.7	5,910.0	6,000.1	5,984.4	5,965.0	7,047.8	7,388.7	6,391.8	-13.5
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	1,352.8	1,443.2	1,649.2	1,816.0	2,520.3	2,083.0	2,588.1	2,725.0	2,481.9	-8.9
State and local governments.....	400.0	880.1	660.8	619.6	362.0	389.0	389.8	394.6	366.3	-7.2
Foreign.....	532.4	677.9	625.8	796.7	710.6	558.1	597.1	530.1	484.9	-8.5
<b>Research obligations.....</b>	<b>51,071.8</b>	<b>53,357.8</b>	<b>53,738.2</b>	<b>53,535.7</b>	<b>54,093.6</b>	<b>53,893.7</b>	<b>63,708.8</b>	<b>65,250.1</b>	<b>60,372.4</b>	<b>-7.5</b>
Performers										
Federal intramural <sup>1</sup> .....	12,419.6	12,085.2	12,349.9	12,261.6	11,816.4	11,921.7	13,325.9	14,073.4	13,306.9	-5.4
Industrial firms.....	6,042.4	6,782.7	6,456.4	6,436.3	6,074.2	5,782.4	6,285.6	6,882.8	6,180.4	-10.2
FFRDCs <sup>2</sup> administered by industrial firms.....	1,103.5	1,131.6	1,082.0	947.9	1,863.0	2,929.7	3,070.5	3,170.9	3,147.0	-0.8
Universities and colleges.....	21,676.5	22,699.1	23,156.0	22,809.4	23,966.9	24,323.2	30,172.5	29,765.9	27,239.8	-8.5
FFRDCs <sup>2</sup> administered by universities and colleges.....	3,272.6	3,687.3	3,743.4	3,783.0	2,942.4	1,623.1	2,148.2	2,273.8	2,304.0	1.3
Other nonprofit institutions.....	5,196.3	5,216.4	5,295.8	5,448.9	5,416.7	5,397.5	6,501.0	6,728.9	5,962.8	-11.4
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	779.0	795.5	907.8	1,028.6	1,283.0	1,205.7	1,462.0	1,613.2	1,537.0	-4.7
State and local governments.....	305.8	532.9	376.8	417.9	297.6	338.8	343.6	343.2	326.0	-5.0
Foreign.....	276.1	427.0	370.2	402.1	433.3	371.5	399.4	397.9	368.3	-7.4
Fields of science										
Life sciences.....	27,772.2	27,728.5	28,127.8	27,927.7	29,463.6	28,918.8	33,267.7	34,337.2	30,818.3	-10.2
Psychology.....	1,104.4	1,854.9	1,891.8	1,747.3	1,837.9	1,740.8	2,086.7	2,207.0	1,961.0	-11.1
Physical sciences.....	5,021.6	5,211.1	5,493.7	5,351.1	5,136.1	5,072.6	5,823.4	5,751.0	5,767.1	0.3
Environmental sciences.....	3,740.9	3,741.6	3,502.6	3,430.6	3,170.5	2,984.6	3,751.4	3,287.8	3,356.8	2.1
Mathematics and computer sciences.....	1,104.4	2,949.4	2,983.4	2,814.9	2,945.7	3,047.3	3,612.5	3,478.9	3,401.3	-2.2
Engineering.....	8,405.1	8,866.4	8,552.9	8,678.7	8,989.7	8,975.5	10,294.4	10,692.9	9,791.4	-8.4
Social sciences.....	1,025.8	1,089.6	1,097.1	1,123.9	1,147.1	977.0	1,159.3	1,301.7	1,285.6	-1.2
Other sciences.....	1,329.3	1,916.3	2,088.9	2,461.3	1,403.1	2,177.1	3,713.4	4,193.6	3,990.8	-4.8
<b>Basic research obligations.....</b>	<b>24,751.4</b>	<b>26,120.7</b>	<b>27,140.3</b>	<b>26,584.6</b>	<b>26,865.8</b>	<b>27,154.0</b>	<b>32,877.9</b>	<b>32,051.6</b>	<b>30,083.4</b>	<b>-6.1</b>
Performers										
Federal intramural <sup>1</sup> .....	4,662.1	4,671.6	4,772.7	4,763.9	4,572.2	4,767.5	5,523.9	5,456.4	5,030.9	-7.8
Industrial firms.....	1,279.6	1,969.4	2,051.0	1,858.9	1,736.2	1,545.4	1,632.5	1,657.2	1,597.5	-3.6
FFRDCs <sup>2</sup> administered by industrial firms.....	312.8	292.2	270.1	220.4	341.3	574.9	678.3	660.0	593.5	-10.1
Universities and colleges.....	13,151.8	13,398.5	13,989.9	13,657.6	14,220.3	14,645.7	18,232.6	17,323.4	16,153.8	-6.8
FFRDCs <sup>2</sup> administered by universities and colleges.....	1,827.8	2,005.8	2,021.2	2,096.8	1,982.8	1,484.3	1,964.3	2,004.1	2,086.8	4.1
Other nonprofit institutions.....	2,703.9	2,746.1	2,914.2	2,867.4	2,793.8	2,935.2	3,487.7	3,521.9	3,170.9	-10.0
FFRDCs <sup>2</sup> administered by nonprofit institutions.....	582.1	606.8	670.7	755.8	889.5	915.8	1,059.1	1,127.5	1,171.9	3.9
State and local governments.....	85.4	197.9	235.9	152.7	101.3	75.9	94.4	94.3	87.5	-7.2
Foreign.....	146.1	232.3	214.6	211.2	228.4	209.1	204.9	206.8	190.6	-7.8
Fields of science										
Life sciences.....	14,765.3	14,490.0	15,247.6	14,934.4	15,643.5	15,557.4	17,587.6	17,769.9	15,887.2	-10.6
Psychology.....	543.8	979.2	1,040.1	944.9	978.8	936.0	1,100.7	1,133.4	991.2	-12.6
Physical sciences.....	3,454.0	3,662.6	3,738.7	3,515.5	3,544.5	3,403.1	4,121.8	3,957.3	4,028.6	1.8
Environmental sciences.....	1,899.5	2,022.9	1,966.1	1,849.5	1,727.8	1,593.1	2,142.9	1,708.7	1,772.8	3.8
Mathematics and computer sciences.....	1,120.2	1,239.1	1,228.4	1,208.2	1,293.5	1,407.4	1,861.7	1,612.1	1,661.7	3.1
Engineering.....	1,913.1	2,271.7	2,300.5	2,364.6	2,629.9	2,736.0	3,408.8	3,370.7	3,367.8	-0.1
Social sciences.....	352.8	419.3	391.4	381.0	361.3	330.0	426.1	379.0	393.3	3.8
Other sciences.....	702.7	1,035.9	1,227.5	1,386.5	686.4	1,190.9	2,228.2	2,120.4	1,980.8	-6.6

See notes at end of table.

**Table 426. Federal obligations for research, development, and R&D plant, by category of obligation, performers, and fields of science: Fiscal years 2003 through 2011—Continued**

[In millions of current dollars]

Category of obligation, performers, and fields of science	Actual							Estimated		Percent change, 2010 to 2011
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
1	2	3	4	5	6	7	8	9	10	11
Applied research obligations .....	26,320.4	27,237.1	26,597.9	26,951.1	27,227.8	26,739.7	30,830.9	33,198.4	30,288.9	-8.8
Performers										
Federal intramural <sup>1</sup> .....	7,757.5	7,413.6	7,577.2	7,498.0	7,244.2	7,154.2	7,802.0	8,617.0	8,276.0	-4.0
Industrial firms .....	4,762.8	4,813.3	4,405.4	4,577.4	4,338.0	4,237.0	4,653.1	5,225.6	4,583.0	-12.3
FFRDCs <sup>2</sup> administered by industrial firms .....	790.7	839.3	811.9	727.5	1,521.6	2,354.8	2,392.2	2,510.9	2,553.5	1.7
Universities and colleges .....	8,524.7	9,300.6	9,166.1	9,151.8	9,746.6	9,677.5	11,939.9	12,442.5	11,086.0	-10.9
FFRDCs <sup>2</sup> administered by universities and colleges .....	1,444.8	1,681.6	1,722.2	1,686.2	959.6	138.5	183.8	269.7	217.2	-19.5
Other nonprofit institutions .....	2,492.5	2,470.3	2,381.6	2,581.5	2,622.9	2,462.3	3,013.3	3,207.0	2,791.9	-12.9
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	197.0	188.7	237.1	272.8	393.5	289.9	402.9	485.7	365.1	-24.8
State and local governments .....	220.4	335.0	140.9	265.1	196.3	262.9	249.2	248.9	238.5	-4.2
Foreign .....	130.0	194.7	155.6	190.9	205.0	162.4	194.5	191.1	177.7	-7.0
Fields of science										
Life sciences .....	13,007.0	13,238.5	12,880.2	12,993.3	13,820.1	13,361.5	15,680.2	16,567.3	14,931.1	-9.9
Psychology .....	560.6	875.6	851.6	802.4	859.1	804.8	985.9	1,073.6	969.8	-9.7
Physical sciences .....	1,567.6	1,548.6	1,755.0	1,835.6	1,591.6	1,669.5	1,701.5	1,793.6	1,738.5	-3.1
Environmental sciences .....	1,841.4	1,718.7	1,536.5	1,581.1	1,442.7	1,391.5	1,608.5	1,579.1	1,584.0	0.3
Mathematics and computer sciences .....	1,552.2	1,710.3	1,754.9	1,606.7	1,652.1	1,639.8	1,750.8	1,866.8	1,739.5	-6.8
Engineering .....	6,492.0	6,594.7	6,252.5	6,314.2	6,359.8	6,239.5	6,885.7	7,322.2	6,423.6	-12.3
Social sciences .....	673.0	670.3	705.8	742.9	785.9	647.0	733.2	922.7	892.3	-3.3
Other sciences .....	626.6	880.5	861.4	1,074.9	716.7	986.2	1,485.1	2,073.2	2,010.1	-3.0
<b>Development obligations .....</b>	<b>42,589.5</b>	<b>48,018.7</b>	<b>55,485.3</b>	<b>56,610.2</b>	<b>73,169.3</b>	<b>73,212.0</b>	<b>69,640.2</b>	<b>71,176.0</b>	<b>67,414.3</b>	<b>-5.3</b>
Performers										
Federal intramural <sup>1</sup> .....	10,442.0	10,338.0	11,775.5	13,301.6	18,116.1	17,716.1	17,118.5	18,204.8	18,916.8	3.9
Industrial firms .....	27,810.3	32,431.8	37,656.1	37,716.6	49,268.1	50,555.2	47,016.0	47,275.5	43,768.4	-7.4
FFRDCs <sup>2</sup> administered by industrial firms .....	404.1	411.6	530.1	474.0	828.6	1,190.2	983.9	1,055.0	913.6	-13.4
Universities and colleges .....	1,017.0	1,470.6	1,685.6	1,526.9	1,580.9	1,703.3	1,390.5	1,411.9	1,133.2	-19.7
FFRDCs <sup>2</sup> administered by universities and colleges .....	1,481.6	1,713.5	1,942.8	1,656.1	1,228.8	365.5	1,214.4	1,273.4	1,151.5	-9.6
Other nonprofit institutions .....	510.3	407.4	614.1	551.2	567.7	567.5	546.7	659.8	429.1	-35.0
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	573.7	647.7	741.5	787.4	1,237.3	877.3	1,126.1	1,111.8	944.9	-15.0
State and local governments .....	94.1	347.2	284.1	201.7	64.4	50.2	46.2	51.4	40.3	-21.6
Foreign .....	256.3	250.9	255.6	394.6	277.3	186.6	197.7	132.2	116.6	-11.8
<b>R&amp;D plant obligations .....</b>	<b>4,266.5</b>	<b>3,994.2</b>	<b>3,771.1</b>	<b>2,124.8</b>	<b>2,168.4</b>	<b>1,943.9</b>	<b>3,647.5</b>	<b>4,070.5</b>	<b>2,454.8</b>	<b>-39.7</b>
Performers										
Federal intramural <sup>1</sup> .....	609.7	961.3	859.3	662.8	593.4	494.0	804.7	1,456.4	694.9	-52.3
Industrial firms .....	1,817.0	1,442.0	1,381.4	265.8	401.4	449.0	375.8	422.0	404.7	-4.1
FFRDCs <sup>2</sup> administered by industrial firms .....	145.7	188.3	125.7	82.7	27.6	175.6	127.7	261.9	238.4	-9.0
Universities and colleges .....	686.9	354.3	423.0	262.5	265.6	210.2	607.0	846.0	339.6	-59.9
FFRDCs <sup>2</sup> administered by universities and colleges .....	578.4	603.9	558.3	519.3	498.4	334.4	706.5	418.7	275.1	-34.3
Other nonprofit institutions .....	70.7	164.5	134.6	127.3	79.7	23.7	154.4	142.1	45.6	-67.9
FFRDCs <sup>2</sup> administered by nonprofit institutions .....	333.9	252.4	218.0	201.6	296.2	253.8	868.2	518.2	453.3	-12.5
State and local governments .....	0.8	15.8	55.2	2.6	#	#	1.2	3.1	1.3	-58.1
Foreign .....	23.4	11.7	15.6	0.3	6.1	3.1	2.0	2.1	2.1	-1.3

#Rounds to zero.

<sup>1</sup>Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.<sup>2</sup>Federally funded research and development centers.

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals because of rounding. Totals do not include the U.S. Department of Homeland Security.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, 2003 through 2011. (This table was prepared September 2012.)

## CHAPTER 5

# Outcomes of Education

This chapter contains tables comparing educational attainment and workforce characteristics. The data show labor force status, income levels, and occupations of high school dropouts and high school and college graduates. Most of these tables are based on data from the U.S. Census Bureau and the U.S. Bureau of Labor Statistics. Population characteristics are provided for many of the measures to allow for comparisons among various demographic groups. While most of the tables in this chapter focus on labor market outcomes, the chapter ends with a few tables on skills, behaviors, and attitudes.

Statistics related to outcomes of education appear in other sections of the *Digest*. For example, statistics on educational attainment of the entire population are in chapter 1. More detailed data on the numbers of high school and college graduates can be found in chapters 2 and 3. Chapter 3 contains trend data on the percentage of high school completers going to college. Chapter 6 includes international comparisons of employment rates by educational attainment. Additional data on earnings by educational attainment may be obtained from the U.S. Census Bureau's Current Population Reports, Series P-60. The U.S. Bureau of Labor Statistics has a series of publications dealing with the educational characteristics of the labor force. Further information on survey methodologies can be found in Appendix A: Guide to Sources and in the publications cited in the table source notes.

## Labor Force

The labor force participation rate—that is, the percentage of people either employed or actively seeking employment—was generally higher for adults with higher levels of educational attainment than for those with less education. Among 25- to 64-year-old adults, 86 percent of those with a bachelor's or higher degree participated in the labor force in 2011, compared with 74 percent of those who had completed only high school and 61 percent of those who had not completed high school (table 427 and figure 22). Within each education level, the labor force participation rate also varied by race/ethnicity. For 25- to 64-year-olds who had completed only high school, the 2011 labor force participation rate was highest for Hispanics (77 percent), followed by Asians (75 percent), then Whites (74 percent), then Blacks (69 percent), and then American Indians/Alaska Natives (63 percent) (table 427). For 25- to 64-year-olds with a bachelor's or higher

degree in 2011, the labor force participation rate was highest for Blacks (89 percent), followed by Hispanics (87 percent), then Whites (86 percent), and then Asians and American Indians/Alaska Natives (83 percent for both groups).

The unemployment rate—that is, the percentage of people in the labor force who are not employed and who have made specific efforts to find employment sometime during the prior 4 weeks—was generally higher for people with lower levels of educational attainment than for those with more education. In 2011, the unemployment rate for 25- to 64-year-old adults who had not completed high school was 16 percent, compared with 11 percent for those who had completed high school and 5 percent for those with a bachelor's or higher degree (table 427 and figure 23). Within each education level, unemployment rates for younger people tended to be higher than the unemployment rate for 25- to 64-year-olds. For example, among 20- to 24-year-olds who had not completed high school and were not enrolled in school, the 2011 unemployment rate was 30 percent (table 428), compared with 16 percent for 25- to 64-year-olds with the same level of educational attainment (table 427).

The relative difficulties that high school dropouts encounter in entering the job market are highlighted by comparing the labor force participation and employment rates of recent high school dropouts and recent high school completers. In October 2011, about 55 percent of 2010–11 dropouts participated in the labor force (i.e., were either employed or looking for work), and 34 percent were employed (table 445 and figure 24). In contrast, the labor force participation rate was 69 percent for 2010–11 high school completers who were not enrolled in college, and their employment rate was 46 percent (table 444 and figure 24).

## Earnings

Median annual earnings were generally higher for adults with higher levels of educational attainment than for those with lower levels of educational attainment. Among full-time year-round workers age 25 and over, both males and females who had more education generally earned more than people of the same sex who had less education. In 2011, for example, both male and female full-time year-round workers whose highest level of educational attainment was a bachelor's degree earned 64 percent more than their counterparts whose highest level of attainment was high school completion (table E, table 438, and figure 25).

**Table E. Median annual earnings of full-time year-round workers 25 years old and over, by selected levels of educational attainment and sex: Selected years, 1995 through 2011**  
[In constant 2011 dollars]

Sex and year	Some high school, no completion	High school completion	Bachelor's degree
<b>Males</b>			
1995.....	\$32,740	\$43,560	\$66,810
2000.....	32,780	44,810	73,590
2005.....	31,320	41,810	69,130
2011.....	30,420	40,450	66,200
<b>Females</b>			
1995.....	23,360	30,200	47,310
2000.....	23,410	32,620	52,790
2005.....	23,180	30,280	48,570
2011.....	21,110	30,010	49,110

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-60, *Money Income in the United States*, 1995 and 2000; and Detailed Income Tabulations from the CPS, 2005 and 2011.

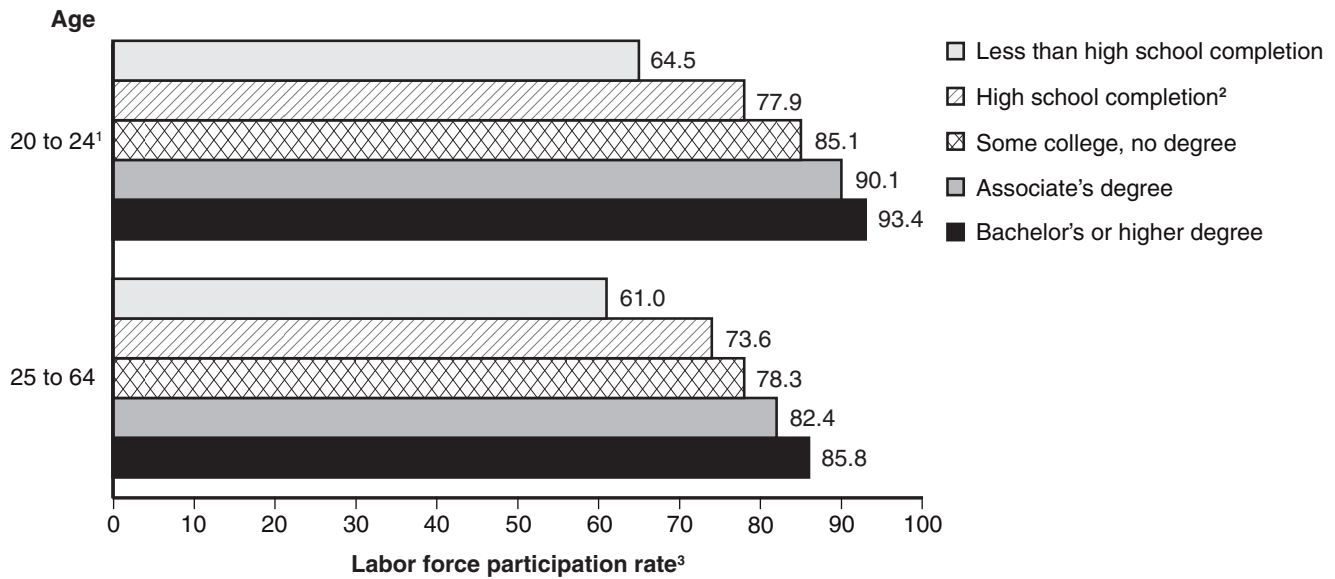
Among full-time year-round workers age 25 and over, the earnings of females were lower than the earnings of males overall, as well as by education level. For example, median 2011 earnings for full-time year-round workers with a bachelor's degree were 35 percent higher for males than for females. Among those who had only completed high school, median 2011 earnings were also 35 percent higher for males than for females.

From 1995 to 2011, net percentage changes in earnings (after adjustment for inflation) varied by highest level of educational attainment and sex. After adjusting for inflation, male full-time year-round workers age 25 and over who did not have a postsecondary degree earned less in 2011 than they did in 1995. For male full-time year-round workers who had a postsecondary degree, changes in median annual earnings from 1995 to 2011 were not significant. For males with a bachelor's degree, for example, median annual earnings in constant 2011 dollars were not significantly different in 1995 (\$66,810) than in 2011 (\$66,200). In contrast, the median earnings of male full-time year-round workers who had completed high school decreased 7 percent from 1995

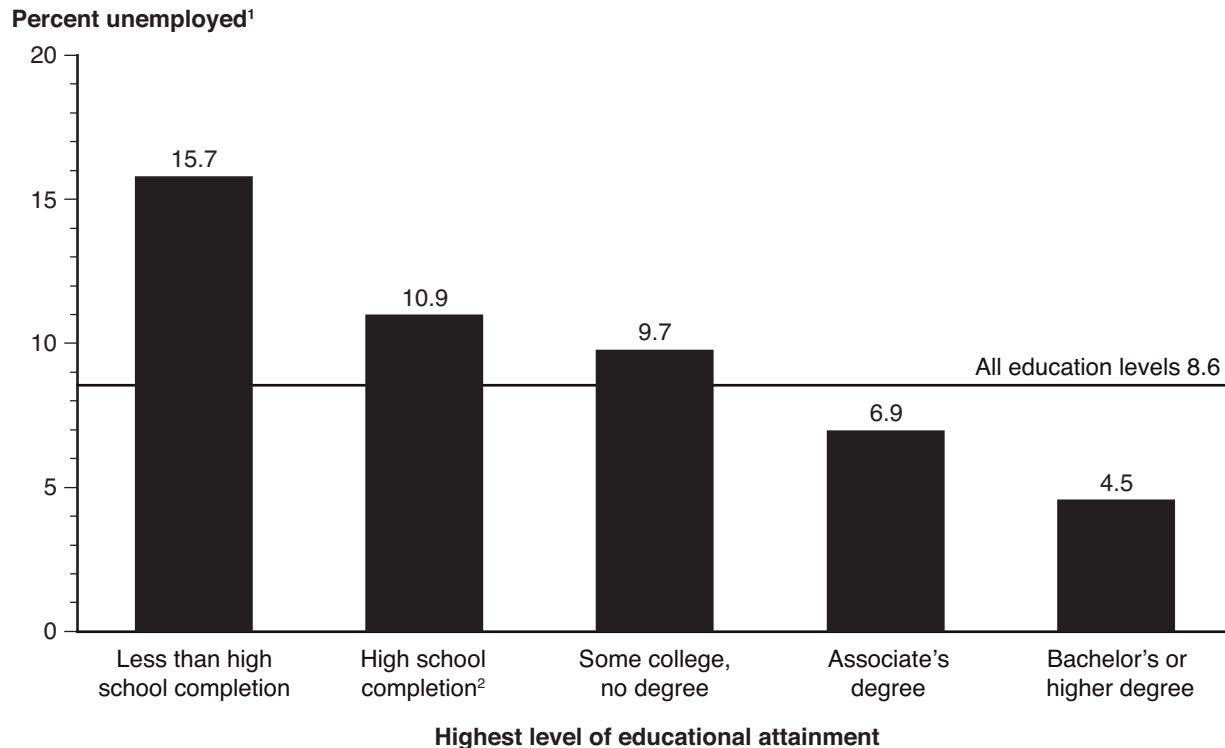
(\$43,560) to 2011 (\$40,450), and the median earnings of those who had attended only some high school also decreased 7 percent from 1995 (\$32,740) to 2011 (\$30,420). The median annual earnings of female full-time year-round workers who had a bachelor's degree increased 4 percent from 1995 (\$47,310) to 2011 (\$49,110), and the median earnings of female full-time year-round workers who had completed high school were not significantly different in 1995 (\$30,200) than in 2011 (\$30,010). In contrast, the median earnings of female full-time year-round workers who had attended only some high school decreased 10 percent from 1995 (\$23,360) to 2011 (\$21,110).

In 2009, the median annual salary of bachelor's degree recipients employed full time 1 year after graduation was \$37,700 in constant 2011 dollars (table 449 and figure 26). Full-time median annual salaries varied by degree field, however. In 2009, graduates employed full time 1 year after receiving bachelor's degrees in engineering had the highest median annual salary (\$56,600 in constant 2011 dollars), followed by those with degrees in the health professions (\$48,200) and mathematics/computer science (\$47,200), and then those with degrees in business/management (\$41,900). Among the lowest full-time median annual salaries were those earned by graduates with degrees in the humanities (\$30,400) and psychology (\$30,800).

Overall, the inflation-adjusted median annual salary of graduates employed full time 1 year after receiving their bachelor's degree was 7 percent lower in 2009 than in 2001. However, the change in median annual salary from 2001 to 2009 varied by degree field, ranging from an increase of 7 percent for graduates with degrees in the health professions to a decrease of 19 percent for those with degrees in mathematics/computer science and a decrease of 16 percent for those with degrees in the humanities. Although the overall median annual salary of graduates employed full time 1 year after graduation decreased from 2001 to 2009, it had previously increased 13 percent from 1991 to 2001. From 1991 to 2009, there was a net increase of 5 percent in the overall median salary.

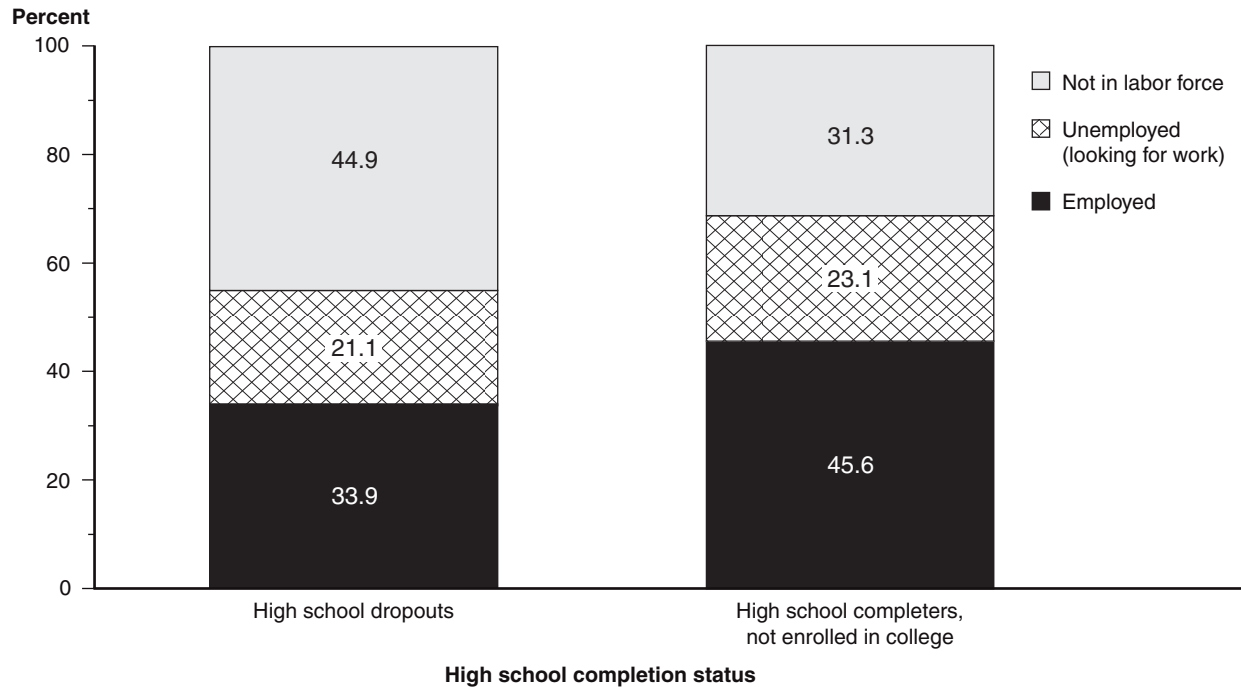
**Figure 22. Labor force participation rate of persons 20 to 64 years old, by age group and highest level of educational attainment: 2011**<sup>1</sup>Excludes persons enrolled in school.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.<sup>3</sup>Percentage of the civilian population who are employed or seeking employment.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2011, previously unpublished tabulations (November 2012).

**Figure 23. Unemployment rates of persons 25 to 64 years old, by highest level of educational attainment: 2011**<sup>1</sup>The unemployment rate is the percentage of individuals in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2011, previously unpublished tabulations (November 2012).

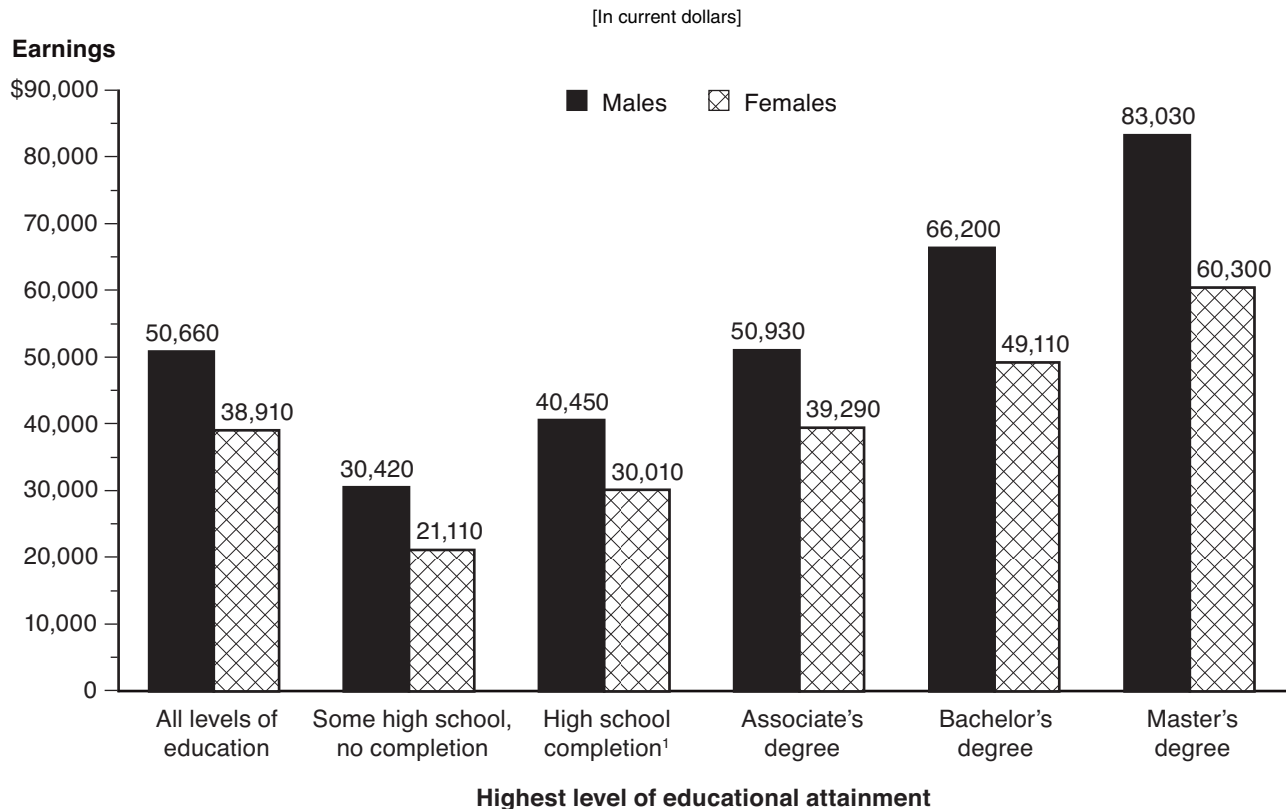
**Figure 24. Percentage distribution of 2010–11 high school dropouts and high school completers not enrolled in college, by labor force status: October 2011**



NOTE: Dropouts are persons who have not completed high school and are not enrolled in school. High school completers include recipients of equivalency credentials as well as diploma recipients. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2011.

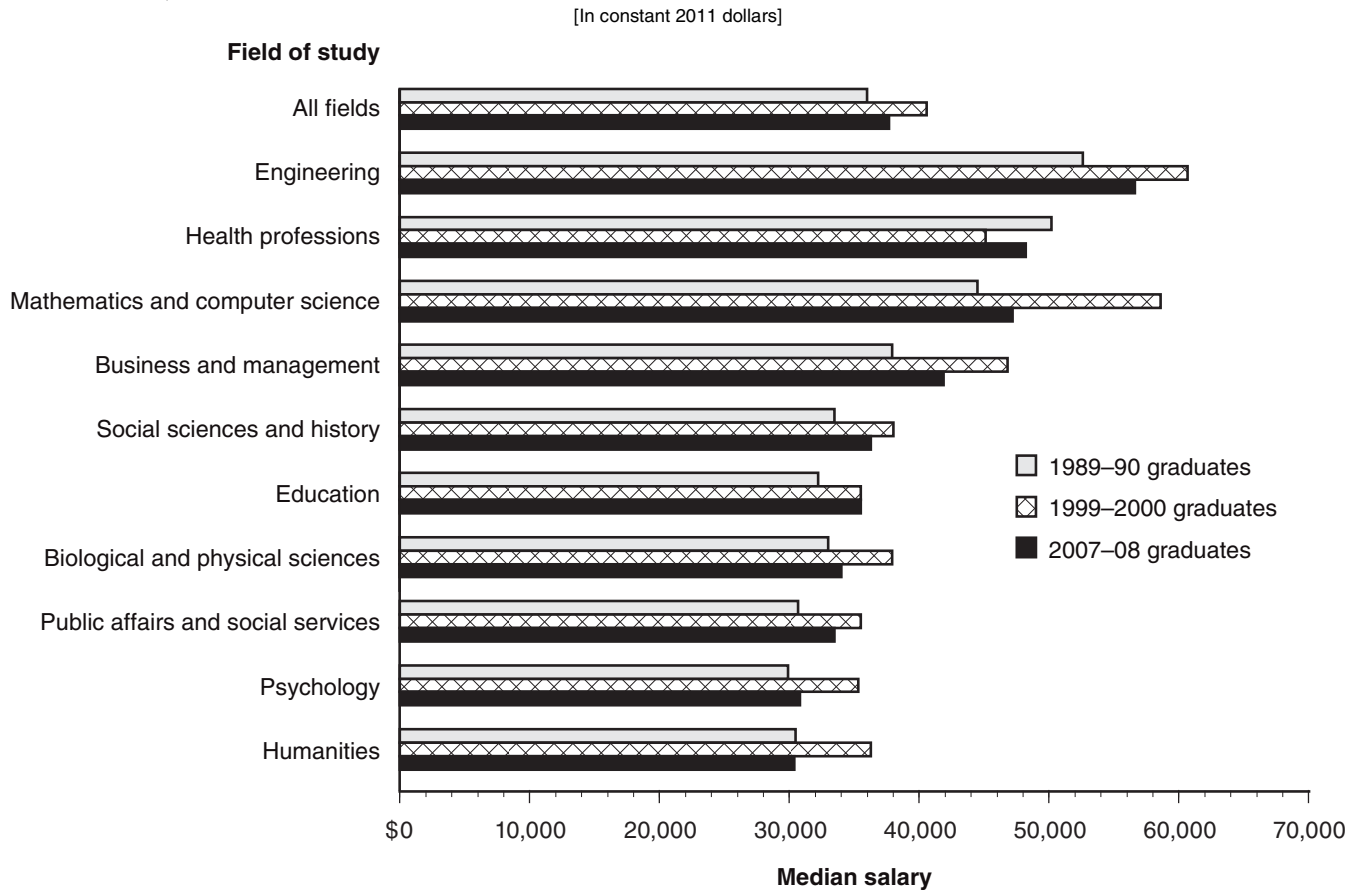
**Figure 25. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 2011**



¹Includes equivalency credentials, such as the General Educational Development (GED) credential.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), Detailed Income Tabulations from the CPS, 2011.

**Figure 26. Median annual salaries of bachelor's degree recipients employed full time 1 year after graduation, by field of study: 1991, 2001, and 2009**



SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" survey, 1991; and 2000/01 and 2008/09 Baccalaureate and Beyond Longitudinal Study (B&B:2000/01 and B&B:08/09).

**Table 427. Labor force participation, employment, and unemployment of persons 25 to 64 years old, by sex, race/ethnicity, age group, and educational attainment: 2009, 2010, and 2011**  
[Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2009	2010	2011		2009	2010	2011		2009	2010	2011	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All persons 25 to 64 years old, all education levels.....</b>	<b>78.6 (0.04)</b>	<b>77.9 (0.04)</b>	<b>77.5 (0.04)</b>	<b>127,498 (72.9)</b>	<b>72.1 (0.04)</b>	<b>70.7 (0.04)</b>	<b>70.8 (0.04)</b>	<b>116,524 (72.1)</b>	<b>8.4 (0.03)</b>	<b>9.2 (0.03)</b>	<b>8.6 (0.03)</b>	<b>10,974 (44.3)</b>
Less than high school completion.....	62.6 (0.15)	61.3 (0.14)	61.0 (0.13)	12,339 (50.6)	53.1 (0.16)	51.1 (0.14)	51.4 (0.14)	10,405 (48.4)	15.2 (0.14)	16.6 (0.13)	15.7 (0.14)	1,934 (18.1)
High school completion <sup>4</sup> .....	75.1 (0.08)	74.1 (0.08)	73.6 (0.09)	32,642 (77.2)	67.1 (0.09)	65.4 (0.09)	65.5 (0.10)	29,076 (74.2)	10.6 (0.06)	11.7 (0.08)	10.9 (0.09)	3,566 (29.9)
Some college, no degree.....	79.9 (0.08)	78.9 (0.08)	78.3 (0.10)	28,288 (70.2)	72.7 (0.09)	71.0 (0.09)	70.7 (0.11)	25,556 (65.7)	9.0 (0.06)	10.0 (0.07)	9.7 (0.07)	2,732 (20.2)
Associate's degree.....	83.9 (0.11)	83.1 (0.13)	82.4 (0.12)	11,628 (38.7)	78.3 (0.12)	76.9 (0.14)	76.7 (0.15)	10,820 (37.7)	6.6 (0.09)	7.5 (0.08)	6.9 (0.09)	808 (11.1)
Bachelor's or higher degree.....	86.4 (0.05)	86.1 (0.06)	85.8 (0.06)	42,602 (109.7)	82.5 (0.06)	81.8 (0.07)	81.9 (0.07)	40,668 (105.9)	4.5 (0.03)	5.0 (0.04)	4.5 (0.04)	1,934 (18.9)
<b>Sex</b>												
<b>Male, all education levels.....</b>	<b>84.1 (0.05)</b>	<b>83.2 (0.04)</b>	<b>82.8 (0.05)</b>	<b>67,082 (45.3)</b>	<b>76.5 (0.06)</b>	<b>75.1 (0.06)</b>	<b>75.5 (0.06)</b>	<b>61,178 (48.4)</b>	<b>9.0 (0.05)</b>	<b>9.8 (0.05)</b>	<b>8.8 (0.05)</b>	<b>5,904 (31.2)</b>
Less than high school completion.....	71.8 (0.17)	70.5 (0.16)	70.1 (0.16)	7,712 (32.9)	61.1 (0.20)	59.2 (0.17)	59.7 (0.19)	6,570 (33.0)	14.9 (0.18)	16.1 (0.16)	14.8 (0.17)	1,142 (13.3)
High school completion <sup>4</sup> .....	81.0 (0.09)	80.0 (0.11)	79.3 (0.11)	18,482 (53.5)	71.7 (0.11)	69.8 (0.12)	70.3 (0.13)	16,392 (52.9)	11.5 (0.09)	12.7 (0.10)	11.3 (0.11)	2,090 (20.2)
Some college, no degree.....	84.8 (0.09)	83.7 (0.10)	83.0 (0.13)	14,352 (50.8)	76.8 (0.12)	75.1 (0.15)	75.1 (0.15)	12,985 (49.2)	9.4 (0.10)	10.2 (0.11)	9.5 (0.11)	1,368 (15.8)
Associate's degree.....	88.2 (0.16)	87.2 (0.16)	86.9 (0.17)	5,225 (28.7)	81.8 (0.20)	80.3 (0.20)	80.8 (0.22)	4,858 (28.8)	7.3 (0.13)	8.0 (0.13)	7.0 (0.14)	367 (7.3)
Bachelor's or higher degree.....	91.7 (0.07)	91.4 (0.07)	91.1 (0.07)	21,311 (62.6)	87.4 (0.08)	86.8 (0.08)	87.1 (0.09)	20,373 (60.2)	4.7 (0.05)	5.0 (0.05)	4.4 (0.05)	938 (11.1)
<b>Female, all education levels.....</b>	<b>73.3 (0.06)</b>	<b>72.8 (0.06)</b>	<b>72.3 (0.06)</b>	<b>60,416 (48.8)</b>	<b>67.7 (0.07)</b>	<b>66.5 (0.06)</b>	<b>66.3 (0.06)</b>	<b>55,346 (51.1)</b>	<b>7.6 (0.04)</b>	<b>8.6 (0.05)</b>	<b>8.4 (0.05)</b>	<b>5,070 (28.2)</b>
Less than high school completion.....	51.3 (0.22)	50.2 (0.18)	50.1 (0.21)	4,627 (30.6)	43.2 (0.23)	41.4 (0.19)	41.5 (0.22)	3,835 (28.1)	15.7 (0.21)	17.5 (0.21)	17.1 (0.29)	792 (14.4)
High school completion <sup>4</sup> .....	68.6 (0.14)	67.8 (0.11)	67.2 (0.14)	14,160 (47.9)	62.1 (0.15)	60.7 (0.12)	60.2 (0.15)	12,683 (44.4)	9.4 (0.10)	10.5 (0.10)	10.4 (0.11)	1,477 (16.8)
Some college, no degree.....	75.4 (0.12)	74.6 (0.11)	73.9 (0.12)	13,936 (49.2)	68.9 (0.13)	67.3 (0.11)	66.7 (0.13)	12,571 (47.8)	8.6 (0.09)	9.8 (0.09)	9.8 (0.09)	1,365 (13.5)
Associate's degree.....	80.6 (0.15)	80.1 (0.16)	79.1 (0.16)	6,402 (32.7)	75.8 (0.17)	74.4 (0.19)	73.6 (0.18)	5,962 (31.7)	6.0 (0.11)	7.2 (0.13)	6.9 (0.12)	440 (7.9)
Bachelor's or higher degree.....	81.5 (0.08)	81.4 (0.08)	81.0 (0.08)	21,290 (65.0)	77.9 (0.09)	77.4 (0.09)	77.3 (0.10)	20,295 (63.9)	4.4 (0.05)	4.9 (0.06)	4.7 (0.06)	996 (13.4)
<b>Race/ethnicity</b>												
<b>White, all education levels.....</b>	<b>79.6 (0.05)</b>	<b>78.9 (0.05)</b>	<b>78.5 (0.05)</b>	<b>83,985 (51.9)</b>	<b>73.9 (0.05)</b>	<b>72.7 (0.05)</b>	<b>72.8 (0.05)</b>	<b>77,880 (55.3)</b>	<b>7.2 (0.04)</b>	<b>7.9 (0.04)</b>	<b>7.3 (0.04)</b>	<b>6,105 (30.9)</b>
Less than high school completion.....	57.3 (0.25)	55.3 (0.22)	55.2 (0.24)	3,968 (24.9)	47.8 (0.25)	45.1 (0.23)	45.5 (0.25)	3,270 (22.3)	16.6 (0.23)	18.3 (0.22)	17.6 (0.24)	698 (10.7)
High school completion <sup>4</sup> .....	75.4 (0.10)	74.6 (0.10)	73.9 (0.11)	21,310 (56.1)	68.3 (0.11)	66.7 (0.10)	66.7 (0.12)	19,258 (55.8)	9.4 (0.08)	10.6 (0.08)	9.6 (0.09)	2,052 (19.5)
Some college, no degree.....	79.8 (0.10)	78.7 (0.09)	78.1 (0.12)	18,842 (52.8)	73.3 (0.11)	71.7 (0.11)	71.5 (0.13)	17,248 (49.3)	8.1 (0.07)	8.9 (0.08)	8.5 (0.08)	1,595 (16.8)
Associate's degree.....	84.1 (0.12)	83.5 (0.15)	82.7 (0.13)	8,372 (34.2)	79.0 (0.15)	78.0 (0.17)	77.8 (0.16)	7,868 (33.5)	6.0 (0.09)	6.6 (0.10)	6.0 (0.10)	504 (8.4)
Bachelor's or higher degree.....	86.3 (0.06)	86.2 (0.06)	85.8 (0.07)	31,494 (77.1)	82.8 (0.06)	82.3 (0.06)	82.4 (0.07)	30,237 (76.3)	4.1 (0.04)	4.5 (0.04)	4.0 (0.04)	1,257 (12.3)
<b>Black, all education levels.....</b>	<b>74.3 (0.14)</b>	<b>73.5 (0.12)</b>	<b>73.1 (0.14)</b>	<b>14,494 (30.6)</b>	<b>64.4 (0.16)</b>	<b>62.6 (0.12)</b>	<b>62.5 (0.14)</b>	<b>12,404 (30.6)</b>	<b>13.3 (0.13)</b>	<b>14.8 (0.12)</b>	<b>14.4 (0.13)</b>	<b>2,089 (20.4)</b>
Less than high school completion.....	49.5 (0.40)	48.7 (0.39)	48.1 (0.44)	1,344 (16.6)	37.4 (0.37)	35.2 (0.36)	35.2 (0.37)	984 (13.3)	24.4 (0.55)	27.7 (0.47)	26.7 (0.43)	359 (7.3)
High school completion <sup>4</sup> .....	70.8 (0.23)	69.6 (0.25)	69.0 (0.26)	4,326 (29.3)	59.7 (0.26)	57.2 (0.23)	57.1 (0.28)	3,584 (25.4)	15.8 (0.25)	17.8 (0.25)	17.2 (0.28)	742 (13.9)
Some college, no degree.....	79.0 (0.23)	78.2 (0.25)	77.1 (0.24)	4,077 (27.8)	68.7 (0.27)	66.9 (0.28)	65.8 (0.27)	3,482 (25.4)	13.1 (0.21)	14.5 (0.23)	14.6 (0.22)	594 (9.8)
Associate's degree.....	83.9 (0.38)	82.1 (0.36)	82.0 (0.46)	1,303 (13.1)	76.0 (0.49)	73.0 (0.42)	73.0 (0.51)	1,160 (12.7)	9.4 (0.36)	11.1 (0.35)	11.0 (0.39)	143 (5.2)
Bachelor's or higher degree.....	89.2 (0.21)	88.9 (0.18)	88.5 (0.24)	3,444 (24.8)	83.4 (0.24)	82.2 (0.20)	82.1 (0.32)	3,194 (25.3)	6.6 (0.15)	7.4 (0.15)	7.3 (0.22)	250 (7.5)
<b>Hispanic, all education levels.....</b>	<b>78.3 (0.10)</b>	<b>77.3 (0.11)</b>	<b>77.1 (0.10)</b>	<b>19,373 (30.6)</b>	<b>70.4 (0.13)</b>	<b>68.9 (0.12)</b>	<b>69.2 (0.12)</b>	<b>17,409 (32.4)</b>	<b>10.1 (0.10)</b>	<b>10.9 (0.09)</b>	<b>10.1 (0.10)</b>	<b>1,964 (19.0)</b>
Less than high school completion.....	71.7 (0.21)	70.6 (0.19)	70.0 (0.18)	6,133 (37.4)	62.9 (0.24)	61.2 (0.21)	61.4 (0.20)	5,377 (35.8)	12.3 (0.19)	13.3 (0.17)	12.3 (0.19)	756 (11.8)
High school completion <sup>4</sup> .....	78.3 (0.24)	77.1 (0.20)	77.1 (0.23)	5,335 (27.3)	69.8 (0.24)	68.4 (0.24)	68.7 (0.27)	4,754 (28.5)	10.8 (0.18)	11.3 (0.19)	10.9 (0.19)	582 (9.7)
Some college, no degree.....	82.7 (0.25)	81.8 (0.20)	81.4 (0.26)	3,694 (28.9)	75.2 (0.28)	73.3 (0.25)	73.5 (0.31)	3,335 (27.9)	9.2 (0.19)	10.3 (0.22)	9.7 (0.23)	359 (8.9)
Associate's degree.....	84.7 (0.39)	84.2 (0.36)	83.1 (0.41)	1,198 (15.0)	78.4 (0.48)	76.3 (0.47)	76.3 (0.46)	1,099 (14.1)	7.4 (0.32)	9.4 (0.36)	8.2 (0.36)	98 (4.6)
Bachelor's or higher degree.....	87.9 (0.23)	86.8 (0.26)	86.7 (0.21)	3,013 (28.3)	82.7 (0.26)	81.2 (0.31)	81.8 (0.26)	2,844 (27.2)	5.9 (0.18)	6.4 (0.20)	5.6 (0.20)	169 (6.3)
<b>Asian, all education levels.....</b>	<b>79.4 (0.14)</b>	<b>79.0 (0.15)</b>	<b>78.7 (0.18)</b>	<b>6,836 (21.3)</b>	<b>74.0 (0.17)</b>	<b>73.1 (0.17)</b>	<b>73.3 (0.18)</b>	<b>6,361 (20.6)</b>	<b>6.8 (0.11)</b>	<b>7.5 (0.13)</b>	<b>6.9 (0.12)</b>	<b>475 (8.3)</b>
Less than high school completion.....	66.4 (0.62)	65.7 (0.48)	64.4 (0.59)	666 (11.1)	59.6 (0.70)	58.0 (0.57)	57.7 (0.62)	596 (10.5)	10.2 (0.56)	11.8 (0.54)	10.4 (0.47)	69 (3.3)
High school completion <sup>4</sup> .....	75.2 (0.46)	74.6 (0.48)	75.1 (0.49)	949 (15.0)	68.6 (0.51)	67.3 (0.49)	68.1 (0.56)	860 (14.6)	8.8 (0.35)	9.8 (0.38)	9.4 (0.45)	89 (4.4)
Some college, no degree.....	78.4 (0.45)	79.0 (0.52)	78.7 (0.52)	903 (12.9)	71.7 (0.54)	71.7 (0.47)	71.5 (0.55)	820 (12.1)	8.5 (0.38)	9.1 (0.34)	9.2 (0.36)	83 (3.5)
Associate's degree.....	79.8 (0.68)	80.5 (0.64)	79.1 (0.66)	471 (9.3)	74.6 (0.69)	74.4 (0.70)	73.4 (0.73)	437 (8.8)	6.5 (0.41)	7.7 (0.44)	7.2 (0.41)	34 (2.1)
Bachelor's or higher degree.....	83.6 (0.24)	83.0 (0.21)	82.8 (0.23)	3,847 (23.4)	79.2 (0.27)	78.3 (0.23)	78.5 (0.24)	3,648 (23.6)	5.3 (0.13)	5.7 (0.14)	5.2 (0.16)	200 (6.0)
<b>American Indian/Alaska Native, all education levels.....</b>	<b>68.8 (0.52)</b>	<b>67.0 (0.63)</b>	<b>66.6 (0.62)</b>	<b>714 (10.3)</b>	<b>60.0 (0.60)</b>	<b>56.8 (0.61)</b>	<b>57.0 (0.65)</b>	<b>611 (9.8)</b>	<b>12.7 (0.43)</b>	<b>15.2 (0.46)</b>	<b>14.5 (0.50)</b>	<b>103 (3.8)</b>
Less than high school completion.....	47.3 (1.62)	46.9 (1.54)	44.9 (1.46)	74 (3.5)	36.4 (1.61)	35.1 (1.36)	32.7 (1.41)	54 (2.9)	23.1 (2.11)	25.3 (1.74)	27.2 (2.22)	20 (2.0)
High school completion <sup>4</sup> .....	67.2 (0.93)	64.4 (1.06)	63.1 (1.08)	222 (5.7)	57.0 (1.03)	52.4 (1.08)	52.4 (1.08)	184 (5.5)	15.2 (0.84)	18.7 (0.92)	17.0 (0.91)	38 (2.1)
Some college, no degree.....	72.6 (0.85)	71.0 (0.88)	71.9 (1.01)	218 (5.9)	63.6 (1.02)	61.0 (0.84)	61.7 (1.12)	188 (5.6)	12.4 (0.84)	14.1 (0.87)	14.1 (0.78)	31 (1.7)
Associate's degree.....	80.3 (1.54)	75.5 (1.78)	74.1 (1.70)	71 (2.6)	73.4 (1.78)	66.3 (1.87)	67.3 (1.95)	65 (2.7)	8.5 (1.07)	12.1 (1.46)	9.2 (1.23)	7 (0.9)
Bachelor's or higher degree.....	82.6 (1.24)	83.5 (1.19)	82.5 (0.93)	128 (4.4)	79.1 (1.21)	78.5 (1.36)	77.3 (1.11)	120 (4.1)	4.1 (0.52)	6.0 (0.73)	6.3 (0.77)	8 (1.1)

See notes at end of table.



**Table 427. Labor force participation, employment, and unemployment of persons 25 to 64 years old, by sex, race/ethnicity, age group, and educational attainment: 2009, 2010, and 2011—Continued**  
[Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2009	2010	2011		2009	2010	2011		2009	2010	2011	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Age group</b>												
<b>25 to 34, all education levels</b> .....	<b>82.9 (0.07)</b>	<b>82.1 (0.09)</b>	<b>81.8 (0.08)</b>	<b>33,635 (42.8)</b>	<b>74.5 (0.09)</b>	<b>73.1 (0.11)</b>	<b>73.2 (0.08)</b>	<b>30,084 (41.9)</b>	<b>10.2 (0.08)</b>	<b>11.0 (0.08)</b>	<b>10.6 (0.08)</b>	<b>3,551 (27.0)</b>
Less than high school completion.....	67.8 (0.28)	66.8 (0.29)	66.0 (0.31)	3,321 (25.2)	55.0 (0.27)	53.4 (0.28)	53.2 (0.32)	2,674 (23.7)	18.8 (0.28)	20.1 (0.28)	19.5 (0.28)	648 (9.9)
High school completion <sup>4</sup> .....	79.6 (0.13)	78.5 (0.16)	78.1 (0.19)	7,795 (35.7)	68.4 (0.18)	66.3 (0.20)	66.8 (0.20)	6,668 (30.4)	14.1 (0.16)	15.5 (0.17)	14.5 (0.20)	1,127 (17.6)
Some college, no degree.....	83.8 (0.15)	82.8 (0.16)	82.2 (0.17)	7,856 (36.9)	74.5 (0.16)	72.9 (0.18)	72.1 (0.20)	6,892 (34.7)	11.1 (0.13)	12.0 (0.17)	12.3 (0.17)	964 (14.0)
Associate's degree.....	87.9 (0.18)	87.4 (0.24)	86.3 (0.25)	3,025 (24.4)	81.6 (0.24)	80.3 (0.28)	79.4 (0.28)	2,784 (25.1)	7.2 (0.16)	8.1 (0.20)	8.0 (0.20)	241 (5.9)
Bachelor's or higher degree.....	90.0 (0.11)	89.5 (0.11)	89.3 (0.11)	11,638 (51.5)	85.7 (0.12)	84.9 (0.14)	84.9 (0.13)	11,067 (49.5)	4.7 (0.07)	5.1 (0.09)	4.9 (0.10)	571 (12.0)
<b>35 to 44, all education levels</b> .....	<b>83.3 (0.07)</b>	<b>82.7 (0.06)</b>	<b>82.5 (0.08)</b>	<b>33,647 (41.9)</b>	<b>76.6 (0.08)</b>	<b>75.3 (0.07)</b>	<b>75.7 (0.09)</b>	<b>30,879 (44.0)</b>	<b>8.1 (0.06)</b>	<b>9.0 (0.07)</b>	<b>8.2 (0.07)</b>	<b>2,768 (24.3)</b>
Less than high school completion.....	69.9 (0.22)	68.1 (0.23)	68.5 (0.29)	3,534 (28.2)	59.7 (0.24)	57.1 (0.30)	58.2 (0.29)	3,001 (25.0)	14.6 (0.25)	16.1 (0.29)	15.1 (0.27)	533 (10.6)
High school completion <sup>4</sup> .....	80.9 (0.15)	79.7 (0.16)	79.3 (0.18)	8,225 (41.7)	72.2 (0.18)	70.2 (0.17)	70.4 (0.20)	7,306 (38.5)	10.7 (0.16)	12.0 (0.15)	11.2 (0.15)	919 (13.4)
Some college, no degree.....	84.5 (0.15)	84.1 (0.15)	83.6 (0.15)	7,256 (33.1)	77.2 (0.18)	75.9 (0.17)	76.0 (0.19)	6,591 (32.5)	8.6 (0.13)	9.7 (0.13)	9.2 (0.15)	665 (11.3)
Associate's degree.....	87.6 (0.21)	87.0 (0.22)	86.9 (0.23)	3,101 (23.9)	82.1 (0.27)	80.7 (0.24)	81.1 (0.27)	2,893 (22.5)	6.3 (0.20)	7.3 (0.18)	6.7 (0.19)	208 (6.2)
Bachelor's or higher degree.....	89.0 (0.10)	88.9 (0.09)	88.7 (0.10)	11,531 (42.6)	85.3 (0.12)	85.0 (0.12)	85.3 (0.12)	11,089 (44.0)	4.1 (0.07)	4.4 (0.08)	3.8 (0.08)	442 (8.9)
<b>45 to 54, all education levels</b> .....	<b>81.3 (0.06)</b>	<b>80.9 (0.07)</b>	<b>80.4 (0.07)</b>	<b>35,850 (42.6)</b>	<b>75.1 (0.06)</b>	<b>74.0 (0.08)</b>	<b>74.0 (0.08)</b>	<b>33,016 (46.1)</b>	<b>7.7 (0.04)</b>	<b>8.5 (0.05)</b>	<b>7.9 (0.06)</b>	<b>2,834 (23.1)</b>
Less than high school completion.....	63.4 (0.26)	62.8 (0.25)	62.1 (0.26)	3,417 (22.4)	54.3 (0.26)	53.1 (0.27)	53.2 (0.29)	2,926 (21.9)	14.3 (0.20)	15.5 (0.25)	14.4 (0.25)	491 (8.9)
High school completion <sup>4</sup> .....	78.4 (0.14)	78.1 (0.14)	77.4 (0.14)	10,204 (35.1)	71.2 (0.14)	70.1 (0.14)	69.9 (0.15)	9,211 (33.6)	9.2 (0.11)	10.2 (0.12)	9.7 (0.13)	993 (14.3)
Some college, no degree.....	82.7 (0.13)	81.9 (0.15)	81.4 (0.17)	7,784 (36.6)	76.0 (0.15)	74.5 (0.17)	74.6 (0.18)	7,134 (34.1)	8.1 (0.10)	9.0 (0.13)	8.4 (0.11)	650 (9.6)
Associate's degree.....	86.1 (0.21)	85.7 (0.21)	85.4 (0.21)	3,368 (19.5)	80.6 (0.22)	79.6 (0.23)	79.9 (0.26)	3,152 (19.3)	6.3 (0.16)	7.1 (0.15)	6.4 (0.16)	216 (5.3)
Bachelor's or higher degree.....	89.7 (0.07)	89.6 (0.11)	89.3 (0.10)	11,078 (46.4)	85.8 (0.09)	85.2 (0.12)	85.4 (0.11)	10,594 (45.7)	4.4 (0.07)	4.8 (0.07)	4.4 (0.07)	484 (8.3)
<b>55 to 64, all education levels</b> .....	<b>64.6 (0.09)</b>	<b>64.3 (0.09)</b>	<b>64.0 (0.09)</b>	<b>24,366 (35.0)</b>	<b>60.1 (0.10)</b>	<b>59.1 (0.08)</b>	<b>59.3 (0.09)</b>	<b>22,545 (34.1)</b>	<b>7.1 (0.06)</b>	<b>8.2 (0.07)</b>	<b>7.5 (0.06)</b>	<b>1,821 (15.6)</b>
Less than high school completion.....	46.1 (0.28)	45.1 (0.25)	45.4 (0.28)	2,067 (18.3)	40.9 (0.30)	39.1 (0.26)	39.7 (0.29)	1,805 (16.9)	11.3 (0.25)	13.3 (0.31)	12.7 (0.30)	262 (6.7)
High school completion <sup>4</sup> .....	59.5 (0.19)	59.2 (0.16)	59.2 (0.16)	6,418 (27.7)	54.8 (0.18)	53.7 (0.16)	54.3 (0.16)	5,891 (26.0)	7.9 (0.12)	9.2 (0.13)	8.2 (0.14)	527 (9.8)
Some college, no degree.....	66.0 (0.20)	65.0 (0.18)	64.7 (0.23)	5,393 (27.7)	60.8 (0.21)	59.1 (0.18)	59.2 (0.22)	4,939 (26.1)	7.8 (0.13)	9.1 (0.13)	8.4 (0.14)	453 (8.3)
Associate's degree.....	70.7 (0.29)	70.2 (0.28)	69.1 (0.29)	2,134 (18.9)	65.9 (0.31)	64.7 (0.27)	64.4 (0.32)	1,991 (18.5)	6.7 (0.18)	7.8 (0.19)	6.7 (0.20)	143 (4.3)
Bachelor's or higher degree.....	74.8 (0.16)	74.9 (0.14)	74.4 (0.14)	8,354 (30.3)	71.0 (0.17)	70.7 (0.13)	70.5 (0.15)	7,918 (31.3)	5.0 (0.08)	5.7 (0.10)	5.2 (0.08)	436 (6.7)

<sup>1</sup>Percentage of the civilian population who are employed or seeking employment.

<sup>2</sup>Number of persons employed as a percentage of the civilian population.

<sup>3</sup>The percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>4</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

NOTE: Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not separately shown. Standard errors were computed using replicate weights.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2009, 2010, and 2011, unpublished tabulations. (This table was prepared November 2012.)

**Table 428. Labor force participation, employment, and unemployment of persons 16 to 24 years old who are not enrolled in school, by age group, sex, race/ethnicity, and educational attainment: 2009, 2010, and 2011**

[Standard errors appear in parentheses]

Age group, sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2009	2010	2011		2009	2010	2011		2009	2010	2011	
	2	3	4		6	7	8		10	11	12	
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>13</b>
<b>16 to 19 years old</b>												
<b>All persons, all education levels</b> .....	<b>63.9 (0.43)</b>	<b>62.7 (0.36)</b>	<b>62.7 (0.43)</b>	<b>1,608 (15.5)</b>	<b>43.2 (0.34)</b>	<b>41.7 (0.34)</b>	<b>41.7 (0.42)</b>	<b>1,069 (13.3)</b>	<b>32.4 (0.47)</b>	<b>33.4 (0.49)</b>	<b>33.5 (0.52)</b>	<b>538 (9.8)</b>
Less than high school completion.....	50.3 (0.64)	48.6 (0.62)	47.2 (0.75)	414 (7.8)	29.3 (0.56)	29.1 (0.51)	26.6 (0.71)	234 (6.9)	41.8 (0.87)	40.2 (0.79)	43.6 (1.12)	181 (5.3)
High school completion <sup>4</sup> .....	71.9 (0.52)	70.2 (0.49)	70.0 (0.47)	987 (12.3)	50.3 (0.53)	47.5 (0.53)	47.9 (0.53)	676 (10.5)	30.1 (0.56)	32.4 (0.69)	31.6 (0.61)	312 (7.1)
At least some college.....	75.1 (1.02)	75.1 (0.99)	74.7 (1.13)	206 (5.9)	60.2 (1.08)	58.1 (1.12)	57.9 (1.22)	160 (5.2)	19.9 (1.04)	22.6 (1.08)	22.5 (1.35)	46 (3.2)
<b>Male, all education levels</b> .....	<b>66.1 (0.52)</b>	<b>65.2 (0.49)</b>	<b>64.4 (0.58)</b>	<b>940 (10.3)</b>	<b>44.2 (0.47)</b>	<b>42.5 (0.48)</b>	<b>42.0 (0.55)</b>	<b>612 (9.1)</b>	<b>33.2 (0.60)</b>	<b>34.8 (0.62)</b>	<b>34.9 (0.60)</b>	<b>328 (6.4)</b>
Less than high school completion.....	54.6 (0.80)	53.0 (0.86)	50.9 (1.04)	271 (6.5)	32.5 (0.83)	32.3 (0.82)	28.9 (0.97)	154 (5.7)	40.5 (1.18)	39.0 (1.12)	43.2 (1.36)	117 (4.2)
High school completion <sup>4</sup> .....	74.1 (0.67)	73.1 (0.65)	71.6 (0.59)	567 (8.0)	51.0 (0.70)	48.1 (0.61)	47.9 (0.71)	379 (7.5)	31.2 (0.81)	34.2 (0.80)	33.1 (0.78)	188 (4.8)
At least some college.....	73.0 (1.54)	74.3 (1.51)	75.9 (1.54)	101 (3.9)	59.0 (1.79)	55.9 (1.59)	59.0 (1.79)	79 (3.7)	19.1 (1.68)	24.8 (1.51)	22.3 (1.79)	23 (1.9)
<b>Female, all education levels</b> .....	<b>61.1 (0.64)</b>	<b>59.5 (0.52)</b>	<b>60.4 (0.65)</b>	<b>668 (11.5)</b>	<b>41.9 (0.54)</b>	<b>40.8 (0.56)</b>	<b>41.3 (0.62)</b>	<b>457 (8.8)</b>	<b>31.5 (0.70)</b>	<b>31.4 (0.72)</b>	<b>31.6 (0.75)</b>	<b>211 (6.5)</b>
Less than high school completion.....	44.3 (1.04)	41.8 (0.91)	41.4 (1.04)	144 (4.7)	24.7 (0.79)	24.0 (0.84)	23.1 (0.90)	80 (3.4)	44.2 (1.59)	42.4 (1.46)	44.3 (1.46)	64 (2.8)
High school completion <sup>4</sup> .....	69.2 (0.78)	66.7 (0.69)	68.0 (0.77)	420 (8.9)	49.5 (0.83)	46.7 (0.83)	48.0 (0.78)	296 (6.8)	28.5 (0.77)	29.9 (0.99)	29.4 (0.90)	124 (4.9)
At least some college.....	77.1 (1.41)	75.7 (1.25)	73.6 (1.59)	105 (4.6)	61.3 (1.52)	60.1 (1.52)	57.0 (1.91)	81 (4.1)	20.5 (1.48)	20.7 (1.56)	22.6 (1.78)	24 (2.1)
<b>White, all education levels</b> .....	<b>69.3 (0.51)</b>	<b>67.5 (0.45)</b>	<b>67.4 (0.55)</b>	<b>826 (11.0)</b>	<b>48.6 (0.45)</b>	<b>46.2 (0.51)</b>	<b>47.4 (0.55)</b>	<b>581 (9.2)</b>	<b>29.8 (0.55)</b>	<b>31.5 (0.62)</b>	<b>29.7 (0.66)</b>	<b>245 (6.5)</b>
Less than high school completion.....	53.0 (0.73)	49.4 (0.88)	47.5 (1.24)	173 (5.3)	30.2 (0.81)	29.1 (0.72)	28.3 (1.00)	103 (4.2)	43.0 (1.42)	41.0 (1.16)	40.5 (1.52)	70 (3.3)
High school completion <sup>4</sup> .....	76.8 (0.58)	74.8 (0.52)	74.9 (0.63)	534 (8.6)	56.1 (0.59)	52.2 (0.73)	53.4 (0.67)	381 (6.8)	27.0 (0.64)	30.3 (0.86)	28.7 (0.73)	153 (4.9)
At least some college.....	79.9 (1.25)	81.2 (1.06)	79.8 (1.30)	120 (4.5)	66.0 (1.32)	64.7 (1.56)	65.0 (1.50)	98 (4.1)	17.4 (1.18)	20.4 (1.51)	18.6 (1.66)	22 (2.2)
<b>Black, all education levels</b> .....	<b>52.7 (1.02)</b>	<b>52.6 (0.97)</b>	<b>51.4 (1.03)</b>	<b>240 (6.1)</b>	<b>28.6 (0.88)</b>	<b>26.6 (0.88)</b>	<b>26.1 (0.90)</b>	<b>122 (4.4)</b>	<b>45.8 (1.32)</b>	<b>49.5 (1.32)</b>	<b>49.3 (1.31)</b>	<b>118 (4.3)</b>
Less than high school completion.....	38.4 (1.47)	37.1 (1.48)	35.4 (1.56)	62 (3.4)	16.1 (1.21)	14.1 (1.04)	12.0 (1.16)	21 (2.0)	58.1 (2.74)	62.1 (2.27)	66.2 (2.75)	41 (2.8)
High school completion <sup>4</sup> .....	61.2 (1.38)	62.6 (1.39)	60.5 (1.34)	151 (5.3)	35.1 (1.18)	33.3 (1.23)	33.0 (1.26)	82 (3.8)	42.7 (1.63)	46.7 (1.68)	45.5 (1.63)	69 (3.4)
At least some college.....	68.2 (2.81)	65.9 (2.86)	63.3 (3.03)	27 (2.1)	47.2 (2.93)	44.0 (2.99)	42.9 (3.34)	18 (1.8)	30.8 (3.58)	33.2 (3.64)	32.2 (3.71)	9 (1.2)
<b>Hispanic, all education levels</b> .....	<b>63.2 (0.79)</b>	<b>61.8 (0.76)</b>	<b>63.4 (0.71)</b>	<b>456 (9.2)</b>	<b>44.1 (0.68)</b>	<b>44.2 (0.80)</b>	<b>43.9 (0.87)</b>	<b>316 (7.8)</b>	<b>30.1 (0.88)</b>	<b>28.6 (0.97)</b>	<b>30.8 (1.10)</b>	<b>141 (6.0)</b>
Less than high school completion.....	55.8 (1.32)	55.2 (1.19)	54.4 (1.09)	159 (5.5)	37.1 (1.09)	38.3 (1.12)	34.7 (1.23)	101 (4.5)	33.5 (1.39)	30.7 (1.48)	36.2 (1.86)	58 (3.6)
High school completion <sup>4</sup> .....	69.7 (1.06)	66.9 (1.21)	68.9 (1.11)	250 (6.7)	49.2 (1.20)	48.0 (1.13)	49.4 (1.43)	179 (6.5)	29.4 (1.34)	28.2 (1.27)	28.3 (1.58)	71 (4.2)
At least some college.....	70.8 (2.37)	70.2 (2.49)	73.6 (2.12)	47 (3.0)	58.6 (2.75)	55.6 (2.79)	54.7 (2.58)	35 (2.4)	17.2 (2.41)	20.7 (2.56)	25.6 (2.85)	12 (1.6)
<b>Asian, all education levels</b> .....	<b>50.8 (2.61)</b>	<b>55.3 (2.92)</b>	<b>55.1 (3.11)</b>	<b>24 (2.0)</b>	<b>35.5 (2.65)</b>	<b>39.5 (2.70)</b>	<b>38.2 (2.84)</b>	<b>17 (1.5)</b>	<b>30.1 (3.49)</b>	<b>28.5 (3.03)</b>	<b>30.6 (3.20)</b>	<b>7 (1.0)</b>
Less than high school completion.....	38.9 (3.88)	38.5 (5.13)	36.7 (5.19)	4 (0.7)	26.3 (3.74)	26.2 (4.81)	21.3 (4.16)	† (†)	32.4 (6.77)	31.8 (7.67)	41.9 (9.67)	† (†)
High school completion <sup>4</sup> .....	57.3 (4.36)	60.2 (3.81)	61.0 (3.85)	15 (1.7)	39.2 (4.28)	40.6 (3.52)	42.0 (3.76)	11 (1.3)	31.6 (4.47)	32.5 (4.35)	31.1 (4.27)	5 (0.9)
At least some college.....	61.7 (6.28)	64.5 (5.61)	61.7 (8.02)	5 (0.9)	48.1 (6.72)	53.9 (6.16)	49.9 (6.86)	4 (0.7)	22.0 ! (7.08)	16.5 ! (5.23)	19.1 ! (6.74)	† (†)
<b>American Indian/Alaska Native, all education levels</b> .....	<b>56.5 (3.17)</b>	<b>44.0 (3.34)</b>	<b>47.8 (3.08)</b>	<b>15 (1.5)</b>	<b>33.6 (2.79)</b>	<b>28.5 (2.87)</b>	<b>23.3 (2.78)</b>	<b>7 (1.1)</b>	<b>40.5 (4.04)</b>	<b>35.3 (4.18)</b>	<b>51.1 (4.89)</b>	<b>8 (1.0)</b>
Less than high school completion.....	45.2 (4.78)	30.4 (4.50)	37.8 (4.83)	5 (0.7)	21.5 (3.68)	15.7 (3.21)	17.3 (3.90)	2 (0.5)	52.4 (7.26)	48.3 (7.43)	54.3 (8.63)	3 (0.6)
High school completion <sup>4</sup> .....	66.9 (4.43)	55.6 (4.89)	55.3 (4.38)	9 (1.2)	47.1 (4.70)	38.4 (4.64)	27.3 (4.55)	4 (0.8)	29.6 (4.29)	30.9 (5.48)	50.6 (6.87)	5 (0.8)
At least some college.....	67.7 (10.57)	† (†)	49.3 (9.42)	† (†)	30.8 ! (9.73)	44.8 (10.11)	27.6 ! (8.42)	† (†)	54.5 (12.25)	† (†)	† (†)	† (†)
<b>20 to 24 years old</b>												
<b>All persons, all education levels</b> .....	<b>81.0 (0.15)</b>	<b>80.2 (0.14)</b>	<b>79.9 (0.13)</b>	<b>9,853 (35.9)</b>	<b>66.6 (0.17)</b>	<b>65.3 (0.18)</b>	<b>65.1 (0.17)</b>	<b>8,025 (33.3)</b>	<b>17.8 (0.15)</b>	<b>18.6 (0.17)</b>	<b>18.6 (0.18)</b>	<b>1,828 (19.7)</b>
Less than high school completion.....	65.9 (0.34)	65.5 (0.38)	64.5 (0.42)	1,395 (17.5)	47.3 (0.39)	46.3 (0.41)	45.5 (0.46)	983 (13.9)	28.2 (0.47)	29.3 (0.53)	29.5 (0.57)	412 (9.9)
High school completion <sup>4</sup> .....	79.7 (0.26)	78.8 (0.20)	77.9 (0.23)	3,946 (24.3)	63.1 (0.28)	61.6 (0.28)	61.0 (0.28)	3,087 (20.9)	20.8 (0.26)	21.8 (0.30)	21.8 (0.30)	859 (13.8)
Some college, no degree.....	86.3 (0.30)	85.0 (0.30)	85.1 (0.30)	2,450 (21.4)	73.8 (0.41)	72.1 (0.39)	71.6 (0.44)	2,061 (22.2)	14.5 (0.31)	15.2 (0.31)	15.9 (0.38)	388 (9.1)
Associate's degree.....	92.1 (0.43)	90.6 (0.47)	90.1 (0.54)	521 (10.5)	83.5 (0.56)	82.3 (0.60)	81.6 (0.79)	472 (10.0)	9.3 (0.46)	9.2 (0.55)	9.4 (0.71)	49 (3.9)
Bachelor's or higher degree.....	93.5 (0.26)	93.3 (0.26)	93.4 (0.25)	1,541 (17.1)	86.5 (0.34)	86.0 (0.34)	86.2 (0.40)	1,421 (16.2)	7.5 (0.23)	7.9 (0.28)	7.8 (0.31)	120 (5.1)

See notes at end of table.

**Table 428. Labor force participation, employment, and unemployment of persons 16 to 24 years old who are not enrolled in school, by age group, sex, race/ethnicity, and educational attainment: 2009, 2010, and 2011—Continued**

[Standard errors appear in parentheses]

Age group, sex, race/ethnicity, and educational attainment	Labor force participation				Employment				Unemployment			
	Labor force participation rate <sup>1</sup>			Number of participants (in thousands)	Employment to population ratio <sup>2</sup>			Number employed (in thousands)	Unemployment rate <sup>3</sup>			Number unemployed (in thousands)
	2009	2010	2011		2009	2010	2011		2009	2010	2011	
	2	3	4		6	7	8		10	11	12	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Male, all education levels .....</b>	<b>84.2 (0.21)</b>	<b>83.0 (0.19)</b>	<b>82.6 (0.19)</b>	<b>5,489 (27.8)</b>	<b>67.7 (0.29)</b>	<b>66.3 (0.23)</b>	<b>66.6 (0.25)</b>	<b>4,423 (26.0)</b>	<b>19.6 (0.23)</b>	<b>20.1 (0.22)</b>	<b>19.4 (0.23)</b>	<b>1,066 (13.9)</b>
Less than high school completion .....	73.5 (0.43)	71.8 (0.47)	71.0 (0.47)	924 (13.7)	53.3 (0.51)	51.8 (0.55)	52.1 (0.53)	678 (10.9)	27.5 (0.57)	27.8 (0.63)	26.6 (0.62)	246 (7.2)
High school completion <sup>4</sup> .....	83.9 (0.31)	82.6 (0.30)	81.9 (0.27)	2,406 (19.8)	65.4 (0.44)	63.9 (0.36)	63.6 (0.36)	1,870 (17.4)	22.0 (0.39)	22.7 (0.35)	22.3 (0.39)	536 (10.7)
Some college, no degree .....	89.1 (0.45)	87.4 (0.41)	87.6 (0.42)	1,279 (14.2)	75.3 (0.60)	73.4 (0.54)	73.4 (0.60)	1,071 (14.6)	15.5 (0.44)	16.1 (0.43)	16.2 (0.52)	208 (6.7)
Associate's degree .....	94.8 (0.61)	92.9 (0.66)	92.3 (0.68)	241 (7.4)	84.8 (0.92)	83.4 (0.83)	83.9 (0.95)	219 (6.7)	10.6 (0.74)	10.3 (0.83)	9.1 (0.81)	22 (2.2)
Bachelor's or higher degree .....	94.3 (0.36)	95.3 (0.34)	93.8 (0.44)	639 (10.9)	85.9 (0.51)	86.5 (0.56)	85.7 (0.62)	584 (10.7)	8.9 (0.38)	9.3 (0.50)	8.6 (0.48)	55 (3.1)
<b>Female, all education levels .....</b>	<b>77.1 (0.22)</b>	<b>76.9 (0.23)</b>	<b>76.7 (0.21)</b>	<b>4,364 (22.5)</b>	<b>65.2 (0.23)</b>	<b>64.0 (0.29)</b>	<b>63.3 (0.26)</b>	<b>3,602 (21.3)</b>	<b>15.5 (0.24)</b>	<b>16.7 (0.25)</b>	<b>17.5 (0.26)</b>	<b>762 (12.4)</b>
Less than high school completion .....	54.1 (0.56)	55.5 (0.73)	54.8 (0.71)	472 (8.9)	38.0 (0.59)	37.6 (0.79)	35.5 (0.73)	305 (7.3)	29.7 (0.89)	32.3 (0.96)	35.2 (1.06)	166 (6.1)
High school completion <sup>4</sup> .....	73.9 (0.40)	73.6 (0.33)	72.5 (0.46)	1,540 (17.8)	60.0 (0.43)	58.5 (0.43)	57.3 (0.48)	1,216 (15.6)	18.8 (0.44)	20.6 (0.50)	21.0 (0.44)	324 (7.7)
Some college, no degree .....	83.6 (0.43)	82.7 (0.44)	82.6 (0.43)	1,171 (13.3)	72.4 (0.53)	70.9 (0.52)	69.8 (0.53)	990 (13.0)	13.4 (0.41)	14.2 (0.39)	15.4 (0.48)	180 (5.8)
Associate's degree .....	89.5 (0.65)	88.6 (0.73)	88.4 (0.78)	280 (6.8)	82.3 (0.84)	81.3 (0.92)	79.7 (1.11)	253 (7.1)	8.1 (0.73)	8.3 (0.72)	9.7 (1.02)	27 (2.8)
Bachelor's or higher degree .....	93.0 (0.38)	92.0 (0.35)	93.1 (0.34)	902 (12.3)	86.9 (0.43)	85.6 (0.44)	86.5 (0.47)	837 (11.9)	6.6 (0.30)	6.9 (0.32)	7.2 (0.38)	64 (3.6)
<b>White, all education levels .....</b>	<b>84.9 (0.18)</b>	<b>84.0 (0.19)</b>	<b>83.4 (0.22)</b>	<b>5,572 (29.2)</b>	<b>71.9 (0.24)</b>	<b>70.9 (0.22)</b>	<b>70.5 (0.26)</b>	<b>4,716 (27.9)</b>	<b>15.2 (0.19)</b>	<b>15.6 (0.17)</b>	<b>15.4 (0.21)</b>	<b>856 (12.1)</b>
Less than high school completion .....	67.1 (0.59)	65.2 (0.67)	63.6 (0.83)	486 (10.0)	46.8 (0.69)	44.9 (0.70)	42.4 (0.67)	324 (7.1)	30.2 (0.80)	31.1 (0.88)	33.4 (0.77)	163 (5.4)
High school completion <sup>4</sup> .....	82.6 (0.34)	81.5 (0.27)	80.4 (0.36)	2,147 (18.8)	66.9 (0.42)	65.3 (0.38)	65.1 (0.37)	1,738 (16.1)	19.0 (0.36)	19.8 (0.38)	19.0 (0.35)	408 (8.8)
Some college, no degree .....	88.1 (0.35)	86.8 (0.36)	86.9 (0.33)	1,423 (16.0)	77.3 (0.46)	75.5 (0.48)	75.7 (0.49)	1,240 (16.0)	12.2 (0.34)	13.0 (0.37)	12.9 (0.40)	183 (5.6)
Associate's degree .....	93.6 (0.45)	92.5 (0.49)	91.7 (0.59)	363 (8.4)	86.7 (0.57)	86.2 (0.59)	84.9 (0.79)	335 (8.1)	7.4 (0.48)	6.9 (0.52)	7.5 (0.70)	27 (2.7)
Bachelor's or higher degree .....	95.0 (0.29)	95.4 (0.23)	94.9 (0.30)	1,153 (15.6)	88.5 (0.37)	89.1 (0.33)	88.7 (0.48)	1,078 (15.3)	6.8 (0.26)	6.6 (0.26)	6.6 (0.36)	76 (4.3)
<b>Black, all education levels .....</b>	<b>72.3 (0.46)</b>	<b>71.4 (0.44)</b>	<b>71.9 (0.43)</b>	<b>1,350 (16.1)</b>	<b>50.7 (0.47)</b>	<b>48.5 (0.48)</b>	<b>48.8 (0.51)</b>	<b>917 (14.5)</b>	<b>29.9 (0.47)</b>	<b>32.2 (0.57)</b>	<b>32.1 (0.56)</b>	<b>433 (8.2)</b>
Less than high school completion .....	52.5 (1.07)	50.2 (1.14)	51.3 (1.08)	197 (5.9)	26.9 (0.83)	24.0 (0.82)	23.7 (0.94)	91 (4.0)	48.7 (1.28)	52.1 (1.24)	53.8 (1.54)	106 (4.4)
High school completion <sup>4</sup> .....	71.8 (0.67)	71.8 (0.63)	71.4 (0.64)	606 (10.1)	48.9 (0.78)	47.1 (0.75)	46.1 (0.86)	392 (9.6)	31.9 (0.87)	34.5 (0.86)	35.4 (0.90)	215 (5.6)
Some college, no degree .....	84.3 (0.87)	83.4 (0.71)	81.8 (0.81)	385 (9.2)	64.6 (1.05)	63.7 (0.90)	62.8 (0.96)	295 (8.4)	23.4 (0.87)	23.6 (0.94)	23.3 (1.02)	90 (4.3)
Associate's degree .....	88.2 (2.37)	85.5 (2.18)	88.9 (1.79)	50 (3.7)	73.3 (3.32)	68.9 (2.68)	74.1 (2.46)	42 (3.3)	16.9 (2.69)	19.3 (2.66)	16.6 (2.59)	8 (1.5)
Bachelor's or higher degree .....	92.1 (1.23)	91.1 (1.30)	94.7 (0.93)	112 (4.9)	83.7 (1.56)	77.1 (1.72)	82.1 (1.38)	97 (4.5)	9.1 (1.18)	15.4 (1.43)	13.3 (1.41)	15 (1.7)
<b>Hispanic, all education levels .....</b>	<b>78.1 (0.29)</b>	<b>77.8 (0.28)</b>	<b>77.9 (0.26)</b>	<b>2,302 (18.7)</b>	<b>65.0 (0.33)</b>	<b>64.1 (0.34)</b>	<b>63.9 (0.37)</b>	<b>1,887 (17.7)</b>	<b>16.7 (0.33)</b>	<b>17.6 (0.38)</b>	<b>18.0 (0.35)</b>	<b>415 (8.6)</b>
Less than high school completion .....	71.3 (0.52)	72.2 (0.53)	71.6 (0.65)	641 (12.4)	57.7 (0.58)	57.1 (0.60)	58.2 (0.74)	521 (11.6)	19.0 (0.64)	20.9 (0.71)	18.7 (0.69)	120 (4.7)
High school completion <sup>4</sup> .....	79.2 (0.50)	78.4 (0.46)	77.8 (0.48)	985 (13.4)	65.3 (0.56)	64.4 (0.53)	63.0 (0.59)	798 (12.4)	17.5 (0.54)	17.8 (0.53)	19.0 (0.55)	187 (5.8)
Some college, no degree .....	84.4 (0.76)	82.7 (0.77)	84.0 (0.68)	476 (9.0)	72.7 (0.99)	70.6 (0.82)	68.9 (0.93)	390 (9.0)	13.9 (0.76)	14.6 (0.59)	18.0 (0.79)	86 (3.8)
Associate's degree .....	88.7 (1.18)	87.7 (1.44)	84.9 (1.69)	75 (4.3)	77.6 (1.82)	76.0 (1.81)	73.7 (2.36)	65 (4.2)	12.5 (1.99)	13.4 (1.63)	13.2 (1.91)	10 (1.5)
Bachelor's or higher degree .....	89.4 (1.23)	87.7 (1.03)	90.3 (1.06)	125 (5.0)	81.2 (1.58)	79.8 (1.34)	81.4 (1.51)	113 (4.8)	9.1 (1.10)	9.0 (0.98)	9.8 (1.07)	12 (1.4)
<b>Asian, all education levels .....</b>	<b>78.2 (0.94)</b>	<b>79.1 (1.00)</b>	<b>80.3 (0.87)</b>	<b>295 (7.6)</b>	<b>67.2 (1.07)</b>	<b>67.4 (1.06)</b>	<b>68.9 (1.12)</b>	<b>253 (7.1)</b>	<b>14.1 (0.88)</b>	<b>14.8 (0.80)</b>	<b>14.2 (1.03)</b>	<b>42 (3.2)</b>
Less than high school completion .....	64.8 (2.83)	66.5 (3.14)	72.1 (2.63)	29 (2.1)	50.3 (3.45)	48.8 (3.41)	54.6 (2.95)	22 (1.7)	22.4 (4.02)	26.6 (3.69)	24.3 (3.30)	7 (1.2)
High school completion <sup>4</sup> .....	76.3 (2.20)	78.2 (1.93)	78.1 (2.03)	68 (4.3)	63.6 (2.37)	64.6 (2.19)	65.0 (2.36)	56 (3.7)	16.7 (1.63)	17.4 (2.01)	16.7 (1.99)	11 (1.6)
Some college, no degree .....	77.7 (2.16)	79.2 (1.87)	80.3 (1.68)	66 (3.1)	67.7 (2.13)	70.4 (2.03)	69.6 (2.23)	57 (3.3)	12.9 (2.06)	11.2 (1.20)	13.4 (2.02)	9 (1.3)
Associate's degree .....	83.2 (3.41)	84.7 (3.31)	86.3 (3.13)	19 (1.9)	72.4 (4.34)	70.4 (3.70)	80.4 (3.48)	17 (1.8)	12.9 ! (3.90)	16.8 (3.26)	6.8 ! (2.38)	† (†)
Bachelor's or higher degree .....	83.5 (1.28)	82.6 (1.28)	83.3 (1.50)	114 (4.5)	74.1 (1.67)	72.7 (1.49)	73.4 (1.85)	101 (4.3)	11.2 (1.08)	12.0 (0.99)	11.9 (1.30)	14 (1.5)
<b>American Indian/Alaska Native, all education levels .....</b>	<b>66.8 (1.90)</b>	<b>67.7 (1.96)</b>	<b>65.9 (1.51)</b>	<b>79 (3.3)</b>	<b>48.1 (1.83)</b>	<b>45.1 (1.71)</b>	<b>48.2 (1.93)</b>	<b>58 (3.0)</b>	<b>27.9 (2.11)</b>	<b>33.4 (2.12)</b>	<b>26.9 (2.17)</b>	<b>21 (1.9)</b>
Less than high school completion .....	48.5 (4.12)	54.0 (4.60)	51.6 (3.44)	15 (1.4)	26.1 (3.70)	24.0 (3.00)	30.6 (3.27)	9 (1.2)	46.2 (5.02)	55.7 (5.32)	40.7 (4.85)	6 (0.9)
High school completion <sup>4</sup> .....	71.9 (2.61)	69.6 (2.20)	68.3 (2.13)	40 (2.6)	52.2 (2.75)	47.4 (2.57)	51.4 (3.02)	30 (2.4)	27.4 (2.94)	32.0 (3.00)	24.7 (3.23)	10 (1.4)
Some college, no degree .....	69.0 (3.80)	74.4 (4.82)	71.9 (3.25)	18 (1.5)	55.0 (4.08)	56.0 (3.63)	52.8 (4.15)	13 (1.4)	20.2 (3.88)	24.7 (4.22)	26.6 (3.94)	5 (0.8)
Associate's degree .....	86.8 (5.30)	80.3 (8.90)	84.0 (6.15)	2 (0.7)	68.6 (8.53)	70.4 (9.36)	72.5 (8.45)	† (†)	20.9 ! (8.39)	† (†)	† (†)	† (†)
Bachelor's or higher degree .....	90.7 (4.95)	99.5 (0.53)	82.0 (8.14)	4 (0.9)	83.1 (6.26)	96.2 (3.64)	77.9 (8.00)	† (†)	† (†)	† (†)	† (†)	† (†)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Percentage of the civilian population who are employed or seeking employment.<sup>2</sup>Number of persons employed as a percentage of the civilian population.<sup>3</sup>The percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.<sup>4</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

NOTE: Table excludes persons enrolled in school. Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not separately shown. Standard errors appear in parentheses and were computed using replicate weights.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey, 2009, 2010, and 2011, unpublished tabulations. (This table was prepared November 2012.)

**Table 429. Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, family poverty status, and race/ethnicity: 2012**  
[Standard errors appear in parentheses]

Age group, family poverty status, and race/ethnicity	All 16- to 24-year-olds (in thousands)		Neither enrolled in school nor working									
			Number (in thousands)	Percentage distribution	Percent, by educational attainment							
					Total	Less than high school completion	High school completion <sup>1</sup>	Some college, no bachelor's degree <sup>2</sup>	Bachelor's or higher degree			
1	2	3	4	5	6	7	8	9				
<b>Total, 16 to 24 years old .....</b>	<b>38,959 (28.5)</b>	<b>5,352 (111.6)</b>	<b>100.0 (†)</b>	<b>13.7 (0.29)</b>	<b>11.5 (0.45)</b>	<b>28.4 (0.75)</b>	<b>7.9 (0.42)</b>	<b>8.7 (0.84)</b>				
White .....	21,917 (41.2)	2,428 (69.8)	45.4 (1.00)	11.1 (0.32)	8.8 (0.53)	25.2 (0.90)	6.3 (0.50)	8.1 (1.01)				
Black .....	5,560 (38.0)	1,086 (50.3)	20.3 (0.80)	19.5 (0.89)	14.3 (1.27)	37.4 (1.98)	13.3 (1.35)	4.7 ! (2.00)				
Hispanic .....	8,138 (7.8)	1,409 (52.3)	26.3 (0.78)	17.3 (0.64)	16.1 (0.87)	29.0 (1.61)	9.8 (1.02)	9.9 (2.59)				
Asian .....	1,910 (24.7)	187 (19.7)	3.5 (0.36)	9.8 (1.03)	6.3 (1.42)	25.6 (4.21)	5.4 (1.43)	15.6 (3.67)				
Native Hawaiian/Pacific Islander .....	146 (18.6)	26 (6.3)	0.5 (0.12)	17.8 (3.87)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	291 (32.0)	86 (13.4)	1.6 (0.25)	29.5 (3.42)	22.3 (4.78)	50.3 (7.46)	† (†)	† (†)				
Two or more races .....	996 (35.6)	131 (17.7)	2.5 (0.33)	13.2 (1.71)	10.0 (2.41)	24.7 (3.81)	10.7 (2.78)	† (†)				
<b>Poor<sup>3</sup> .....</b>	<b>7,725 (153.0)</b>	<b>2,101 (76.8)</b>	<b>100.0 (†)</b>	<b>27.2 (0.90)</b>	<b>25.2 (1.29)</b>	<b>47.0 (1.80)</b>	<b>14.2 (1.37)</b>	<b>11.3 (2.97)</b>				
White .....	3,210 (104.4)	811 (51.3)	38.6 (1.95)	25.3 (1.41)	28.0 (2.33)	45.1 (2.78)	10.6 (1.82)	9.5 ! (3.29)				
Black .....	1,744 (63.3)	561 (40.5)	26.7 (1.69)	32.2 (1.99)	22.5 (2.59)	53.1 (3.57)	25.5 (4.22)	† (†)				
Hispanic .....	2,041 (69.8)	576 (37.0)	27.4 (1.48)	28.2 (1.52)	25.5 (2.06)	44.9 (3.23)	15.5 (3.08)	† (†)				
Asian .....	415 (37.8)	66 (12.4)	3.1 (0.59)	15.9 (2.91)	12.8 ! (5.21)	† (†)	5.0 ! (2.45)	† (†)				
Native Hawaiian/Pacific Islander .....	24 (6.6)	6 ! (2.4)	0.3 ! (0.11)	† (†)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	85 (12.4)	41 (10.0)	2.0 (0.46)	48.2 (8.09)	† (†)	† (†)	† (†)	† (†)				
Two or more races .....	206 (23.4)	41 (10.0)	2.0 (0.47)	20.0 (4.30)	23.1 (6.81)	† (†)	† (†)	† (†)				
<b>Nonpoor<sup>3</sup> .....</b>	<b>31,233 (154.3)</b>	<b>3,251 (82.5)</b>	<b>100.0 (†)</b>	<b>10.4 (0.25)</b>	<b>7.6 (0.39)</b>	<b>22.6 (0.78)</b>	<b>6.7 (0.41)</b>	<b>8.2 (0.90)</b>				
White .....	18,708 (111.3)	1,617 (57.3)	49.7 (1.32)	8.6 (0.29)	5.7 (0.43)	20.4 (1.00)	5.6 (0.46)	7.9 (1.04)				
Black .....	3,816 (68.4)	524 (34.3)	16.1 (0.95)	13.7 (0.86)	9.8 (1.24)	28.2 (2.38)	9.6 (1.24)	† (†)				
Hispanic .....	6,097 (70.6)	833 (39.8)	25.6 (1.06)	13.7 (0.62)	11.7 (0.92)	23.7 (1.75)	8.7 (0.94)	9.2 (2.60)				
Asian .....	1,494 (44.1)	121 (17.9)	3.7 (0.52)	8.1 (1.15)	4.8 (1.30)	17.1 (4.19)	5.5 ! (1.67)	15.3 (3.90)				
Native Hawaiian/Pacific Islander .....	123 (18.2)	20 (5.4)	0.6 (0.17)	16.7 (3.93)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	206 (26.7)	45 (9.1)	1.4 (0.28)	21.7 (3.62)	16.2 ! (6.25)	† (†)	† (†)	† (†)				
Two or more races .....	790 (37.0)	90 (13.8)	2.8 (0.42)	11.4 (1.69)	6.8 ! (2.14)	24.0 (4.10)	10.5 (3.09)	† (†)				
<b>Total, 16 and 17 years old .....</b>	<b>8,819 (87.0)</b>	<b>285 (23.2)</b>	<b>100.0 (†)</b>	<b>3.2 (0.26)</b>	<b>2.8 (0.26)</b>	<b>24.6 (4.47)</b>	<b>† (†)</b>	<b>† (†)</b>				
White .....	4,913 (67.2)	129 (15.5)	45.3 (4.47)	2.6 (0.31)	2.3 (0.30)	20.0 (5.38)	† (†)	† (†)				
Black .....	1,282 (35.1)	50 (10.6)	17.5 (3.36)	3.9 (0.82)	3.3 (0.79)	† (†)	† (†)	† (†)				
Hispanic .....	1,904 (32.2)	87 (13.4)	30.4 (3.88)	4.5 (0.71)	4.2 (0.72)	† (†)	† (†)	† (†)				
Asian .....	379 (21.7)	8 ! (3.7)	2.6 ! (1.29)	2.0 ! (0.99)	† (†)	† (†)	† (†)	† (†)				
Native Hawaiian/Pacific Islander .....	32 (8.0)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	65 (13.1)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
Two or more races .....	243 (19.0)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
<b>Total, 18 and 19 years old .....</b>	<b>8,262 (87.1)</b>	<b>1,040 (42.6)</b>	<b>100.0 (†)</b>	<b>12.6 (0.51)</b>	<b>11.4 (0.78)</b>	<b>24.6 (1.25)</b>	<b>4.0 (0.55)</b>	<b>† (†)</b>				
White .....	4,634 (68.9)	490 (28.9)	47.1 (2.02)	10.6 (0.59)	9.7 (0.99)	21.6 (1.66)	3.5 (0.62)	† (†)				
Black .....	1,160 (35.1)	177 (15.8)	17.1 (1.37)	15.3 (1.31)	11.2 (1.89)	29.8 (3.22)	5.6 ! (1.84)	† (†)				
Hispanic .....	1,763 (33.6)	290 (21.5)	27.9 (1.70)	16.5 (1.18)	16.5 (1.76)	26.4 (2.52)	5.5 (1.59)	† (†)				
Asian .....	377 (21.7)	27 (6.5)	2.6 (0.61)	7.1 (1.68)	† (†)	22.8 (5.77)	† (†)	† (†)				
Native Hawaiian/Pacific Islander .....	33 (6.9)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	58 (9.4)	17 (4.2)	1.6 (0.39)	† (†)	† (†)	† (†)	† (†)	† (†)				
Two or more races .....	236 (20.8)	32 (6.8)	3.1 (0.64)	13.6 (2.78)	11.4 ! (4.47)	† (†)	† (†)	† (†)				
<b>Total, 20 to 24 years old .....</b>	<b>21,878 (27.6)</b>	<b>4,028 (99.2)</b>	<b>100.0 (†)</b>	<b>18.4 (0.45)</b>	<b>45.0 (1.80)</b>	<b>29.9 (0.85)</b>	<b>8.9 (0.50)</b>	<b>8.8 (0.85)</b>				
White .....	12,370 (33.1)	1,809 (67.3)	44.9 (1.17)	14.6 (0.54)	43.6 (2.93)	26.7 (1.15)	7.0 (0.57)	8.1 (1.02)				
Black .....	3,118 (24.2)	858 (42.5)	21.3 (0.91)	27.5 (1.33)	57.6 (4.42)	39.7 (2.20)	14.8 (1.58)	4.9 ! (2.07)				
Hispanic .....	4,471 (8.0)	1,032 (42.2)	25.6 (0.88)	23.1 (0.94)	40.6 (2.51)	29.9 (1.89)	11.1 (1.17)	10.3 (2.70)				
Asian .....	1,153 (26.4)	153 (18.8)	3.8 (0.46)	13.3 (1.60)	† (†)	27.2 (5.60)	6.4 (1.78)	15.8 (3.69)				
Native Hawaiian/Pacific Islander .....	82 (12.8)	15 ! (4.4)	0.4 ! (0.11)	18.0 ! (5.42)	† (†)	† (†)	† (†)	† (†)				
American Indian/Alaska Native .....	168 (22.5)	66 (11.9)	1.6 (0.29)	39.2 (5.71)	† (†)	47.0 (7.97)	† (†)	† (†)				
Two or more races .....	517 (30.5)	95 (15.5)	2.4 (0.38)	18.4 (2.68)	† (†)	23.0 (4.58)	13.5 (3.42)	† (†)				

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

<sup>2</sup>Includes persons with no college degree as well as those with an associate's degree.

<sup>3</sup>Poor is defined to include families with incomes below the poverty threshold. Nonpoor is defined to include families with incomes at or above the poverty threshold. For information about how the Census Bureau determines who is in poverty, see <http://www.census.gov/hhes/www/poverty/about/overview/measure.html>.

NOTE: Race categories exclude persons of Hispanic ethnicity. Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 2012, unpublished data. (This table was prepared December 2012.)

**Table 430. Percentage distribution of 25- to 34-year-olds with various levels of educational attainment, by labor force status, sex, race/ethnicity, and U.S. nativity and citizenship status: 2011**  
[Standard errors appear in parentheses]

Sex, race/ethnicity, and U.S. nativity and citizenship status	All 25- to 34-year-olds						Less than high school completion			High school completion <sup>1</sup>			Some college, no bachelor's degree <sup>2</sup>			Bachelor's or higher degree		
	In labor force			Not in labor force			In labor force			Not in labor force			In labor force			Not in labor force		
	Employed	Unemployed (seeking employment)	Not in labor force	Employed	Unemployed (seeking employment)	Not in labor force	Employed	Unemployed (seeking employment)	Not in labor force	Employed	Unemployed (seeking employment)	Not in labor force	Employed	Unemployed (seeking employment)	Not in labor force	Employed	Unemployed (seeking employment)	Not in labor force
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	<b>73.2</b> (0.08)	<b>8.6</b> (0.06)	<b>18.2</b> (0.08)	<b>53.2</b> (0.32)	<b>12.9</b> (0.19)	<b>34.0</b> (0.31)	<b>66.8</b> (0.20)	<b>11.3</b> (0.16)	<b>21.9</b> (0.19)	<b>74.1</b> (0.16)	<b>9.2</b> (0.11)	<b>16.7</b> (0.13)	<b>84.9</b> (0.13)	<b>4.4</b> (0.09)	<b>10.7</b> (0.11)			
<b>Sex</b> .....																		
Male.....	77.6	(0.12)	9.4	(0.10)	13.0	(0.11)	62.9	(0.39)	13.2	(0.27)	24.0	(0.34)	72.1	(0.23)	12.0	(0.24)	15.9	(0.21)
Female.....	68.8	(0.13)	7.9	(0.08)	23.3	(0.12)	40.2	(0.47)	12.5	(0.33)	47.3	(0.49)	59.7	(0.35)	10.4	(0.21)	29.9	(0.30)
<b>Race/ethnicity</b> .....																		
White.....	76.8	(0.12)	7.4	(0.07)	15.8	(0.10)	48.4	(0.55)	15.2	(0.37)	36.4	(0.50)	69.0	(0.27)	10.5	(0.18)	20.4	(0.24)
Black.....	63.3	(0.30)	15.0	(0.24)	21.7	(0.23)	33.2	(0.87)	19.8	(0.66)	47.0	(0.80)	55.8	(0.51)	17.5	(0.44)	26.7	(0.46)
Hispanic.....	70.2	(0.23)	8.8	(0.15)	21.1	(0.20)	61.9	(0.47)	9.7	(0.25)	28.4	(0.44)	69.4	(0.46)	9.3	(0.26)	21.3	(0.39)
Asian.....	72.9	(0.34)	5.9	(0.23)	21.2	(0.33)	58.0	(1.73)	8.5	(1.01)	33.6	(1.75)	69.4	(1.11)	7.8	(0.68)	22.8	(1.05)
Native Hawaiian/Pacific Islander.....	68.5	(2.33)	10.3	(1.58)	21.2	(2.00)	49.8	(7.74)	15.5	! (5.35)	34.8	(6.45)	64.5	(4.32)	9.1	! (2.77)	26.4	(3.69)
American Indian/Alaska Native <sup>3</sup> .....	58.0	(1.10)	13.4	(0.76)	28.6	(0.96)	27.3	(2.35)	18.8	(3.04)	53.8	(3.16)	52.2	(1.91)	14.4	(1.21)	33.4	(1.63)
American Indian.....	57.5	(1.19)	13.7	(0.89)	28.8	(1.09)	27.2	(2.60)	20.6	(3.49)	52.2	(3.46)	51.8	(1.94)	14.1	(1.41)	34.1	(1.88)
Alaska Native.....	63.2	(5.51)	16.2	(4.02)	20.6	(4.33)	15.7	! (5.32)	30.9	! (13.27)	53.4	(12.48)	56.2	(6.99)	16.5	(4.61)	27.3	(6.81)
Two or more races.....	69.2	(0.72)	10.3	(0.50)	20.5	(0.72)	34.9	(2.72)	16.5	(1.59)	48.6	(2.58)	64.2	(1.39)	11.5	(0.93)	24.3	(1.28)
<b>Race/ethnicity by sex</b> .....																		
Male.....																		
White.....	81.1	(0.15)	8.3	(0.12)	10.7	(0.13)	55.6	(0.79)	17.0	(0.55)	27.4	(0.66)	74.8	(0.34)	11.3	(0.28)	13.9	(0.29)
Black.....	59.1	(0.41)	16.1	(0.35)	24.8	(0.33)	28.8	(1.15)	18.3	(0.81)	53.0	(1.01)	52.9	(0.73)	18.4	(0.65)	28.8	(0.68)
Hispanic.....	79.0	(0.29)	8.9	(0.23)	12.0	(0.23)	77.0	(0.48)	9.4	(0.33)	13.5	(0.41)	78.3	(0.50)	9.6	(0.37)	12.1	(0.39)
Asian.....	81.5	(0.44)	6.5	(0.34)	12.0	(0.37)	67.0	(2.51)	11.2	(1.64)	21.9	(2.17)	76.8	(1.46)	9.0	(0.92)	14.2	(1.29)
Native Hawaiian/Pacific Islander.....	70.4	(3.34)	12.5	(2.39)	17.2	(3.10)	51.6	(9.29)	14.5	! (6.62)	33.8	(8.31)	69.2	(6.58)	12.2	! (4.00)	18.6	! (5.89)
American Indian/Alaska Native <sup>3</sup> .....	57.2	(1.39)	15.3	(1.16)	27.5	(1.27)	34.0	(3.67)	16.9	(4.10)	49.1	(3.94)	55.4	(2.46)	16.4	(1.86)	28.2	(1.93)
American Indian.....	57.0	(1.54)	16.0	(1.29)	27.1	(1.40)	34.4	(3.92)	18.7	(4.94)	46.9	(4.42)	55.4	(2.66)	16.9	(2.12)	27.7	(2.25)
Alaska Native.....	58.8	(6.30)	20.9	(5.86)	19.3	(4.13)	+	(+)	+	(+)	+	(+)	51.8	(9.80)	23.0	! (8.15)	25.3	! (7.60)
Two or more races.....	71.9	(1.00)	10.9	(0.64)	17.2	(0.86)	41.5	(3.60)	18.7	(2.32)	39.8	(3.14)	67.0	(1.83)	12.5	(1.27)	20.4	(1.70)
Female.....																		
White.....	72.6	(0.17)	6.4	(0.10)	21.0	(0.16)	38.3	(0.77)	12.8	(0.61)	48.9	(0.82)	60.8	(0.43)	9.5	(0.24)	29.7	(0.40)
Black.....	67.0	(0.43)	14.0	(0.30)	18.9	(0.34)	39.1	(1.32)	21.8	(1.22)	39.1	(1.28)	59.4	(0.85)	16.4	(0.66)	24.1	(0.79)
Hispanic.....	60.4	(0.34)	8.6	(0.21)	31.0	(0.29)	41.7	(0.71)	10.0	(0.45)	48.3	(0.73)	57.5	(0.80)	9.0	(0.39)	33.5	(0.73)
Asian.....	65.4	(0.51)	5.4	(0.32)	29.1	(0.51)	49.6	(2.45)	6.0	(1.18)	44.4	(2.36)	62.5	(1.56)	6.7	(0.99)	30.8	(1.60)
Native Hawaiian/Pacific Islander.....	66.6	(3.09)	8.0	(1.92)	25.4	(2.80)	+	(+)	+	(+)	+	(+)	59.5	(4.94)	+	(+)	34.6	(5.24)
American Indian/Alaska Native <sup>3</sup> .....	58.9	(1.66)	11.4	(0.98)	29.7	(1.48)	17.6	(3.22)	21.6	(3.99)	60.8	(4.18)	48.1	(2.94)	11.7	(1.36)	40.2	(3.02)
American Indian.....	58.0	(1.78)	11.5	(1.17)	30.5	(1.57)	17.5	(3.63)	23.2	(4.16)	59.4	(4.43)	46.8	(3.05)	10.1	(1.62)	43.1	(2.99)
Alaska Native.....	66.9	(7.79)	11.0	! (3.93)	22.1	! (6.76)	+	(+)	+	(+)	+	(+)	61.3	(10.19)	9.1	! (2.94)	29.7	! (10.08)
Two or more races.....	66.6	(1.01)	9.9	(0.69)	23.5	(1.00)	25.5	(3.30)	13.5	(2.54)	61.1	(3.56)	60.5	(2.33)	10.3	(1.56)	29.1	(1.97)
<b>Nativity</b> .....																		
Hispanic.....																		
Born within United States <sup>4</sup> .....	70.4	(0.35)	10.0	(0.24)	19.6	(0.29)	49.1	(0.85)	14.2	(0.57)	36.7	(0.85)	67.5	(0.66)	11.5	(0.43)	21.0	(0.54)
Born outside United States <sup>4</sup> .....	70.0	(0.28)	7.5	(0.19)	22.5	(0.30)	66.3	(0.52)	8.1	(0.30)	25.6	(0.50)	71.3	(0.52)	7.2	(0.31)	21.5	(0.54)
Asian.....																		
Born within United States <sup>4</sup> .....	80.7	(0.64)	7.0	(0.41)	12.3	(0.54)	48.9	(4.89)	12.2	(3.37)	39.0	(4.45)	71.0	(2.32)	10.2	(1.42)	18.7	(2.26)
Born outside United States <sup>4</sup> .....	69.9	(0.40)	5.5	(0.24)	24.6	(0.41)	59.4	(1.75)	7.9	(0.98)	32.7	(1.76)	68.9	(1.31)	7.0	(0.75)	24.2	(1.24)
<b>Citizenship status</b> .....																		
U.S.-born citizen.....	73.9	(0.10)	8.9	(0.07)	17.1	(0.09)	44.0	(0.42)	16.3	(0.26)	39.7	(0.38)	66.1	(0.21)	12.0	(0.19)	21.9	(0.21)
Naturalized citizen.....	77.1	(0.40)	7.2	(0.25)	15.8	(0.36)	66.7	(1.22)	8.1	(0.67)	25.1	(1.25)	73.0	(0.82)	8.2	(0.60)	18.8	(0.73)
Noncitizen.....	67.3	(0.27)	7.4	(0.16)	25.3	(0.28)	64.8	(0.51)	8.5	(0.29)	26.7	(0.51)	69.3	(0.47)	7.8	(0.29)	22.9	(0.46)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Data are for all persons with high school completion as their highest level of education, including those with equivalency credentials, such as the General Educational Development (GED) credential.<sup>2</sup>Includes persons with no college degree as well as those with an associate's degree.<sup>3</sup>Includes persons reporting American Indian alone, persons reporting Alaska Native alone, and persons from American Indian and/or Alaska Native tribes specified or not specified.<sup>4</sup>United States refers to the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the U.S. Virgin Islands, and the Northern Marianas. Children born abroad to U.S. citizen parents are also counted as born within the United States.

NOTE: Estimates are for the entire population in the indicated age range, including persons living in households and persons living in group quarters (such as college residence halls, residential treatment centers, military barracks, and correctional facilities). The labor force consists of all employed persons plus those seeking employment. Standard errors were computed using replicate weights. Detail may not sum to totals because of rounding. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, American Community Survey (ACS), 2011. (This table was prepared December 2012.)

**Table 431. Employment to population ratios of persons 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>60.8 (2.03)</b>	<b>58.0 (2.13)</b>	<b>62.6 (2.09)</b>	<b>53.7 (1.40)</b>	<b>56.1 (1.21)</b>	<b>56.7 (1.25)</b>	<b>53.5 (1.41)</b>	<b>46.6 (1.36)</b>	<b>43.2 (1.30)</b>	<b>44.8 (1.40)</b>	<b>45.8 (1.43)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	44.2 (3.08)	44.0 (3.13)	52.2 (3.19)	39.4 (2.01)	43.6 (1.87)	42.7 (1.90)	37.5 (1.90)	31.1 (1.89)	29.4 (1.83)	31.1 (2.21)	28.5 (2.05)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	74.2 (2.54)	70.1 (2.99)	70.1 (2.92)	65.0 (2.04)	66.2 (1.78)	67.2 (1.95)	64.3 (1.96)	53.6 (1.72)	51.1 (1.84)	50.3 (2.01)	53.6 (1.90)
At least some college.....	— (†)	— (†)	— (†)	76.8 (9.32)	71.6 (6.38)	78.2 (6.22)	66.6 (4.54)	63.4 (4.21)	71.9 (3.95)	65.3 (3.89)	65.4 (3.70)	57.5 (3.99)	61.5 (3.63)	64.3 (4.07)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	<b>— (†)</b>	<b>— (†)</b>	<b>— (†)</b>	<b>75.6 (0.90)</b>	<b>73.7 (0.93)</b>	<b>77.4 (0.93)</b>	<b>73.2 (0.66)</b>	<b>74.4 (0.61)</b>	<b>74.9 (0.53)</b>	<b>73.4 (0.60)</b>	<b>68.3 (0.66)</b>	<b>65.5 (0.72)</b>	<b>67.0 (0.59)</b>	<b>68.7 (0.67)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	54.4 (2.29)	52.7 (2.41)	60.8 (2.43)	55.7 (1.27)	58.8 (1.51)	57.9 (1.37)	55.1 (1.73)	50.6 (1.60)	44.4 (1.58)	46.8 (1.71)	47.7 (1.95)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	76.6 (1.26)	72.2 (1.46)	76.5 (1.46)	72.3 (0.91)	72.4 (0.86)	72.3 (0.89)	69.8 (0.97)	63.9 (1.03)	61.5 (1.01)	62.9 (1.07)	64.2 (0.99)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	85.6 (1.69)	83.6 (1.52)	86.6 (1.49)	80.3 (1.19)	81.3 (0.98)	82.1 (0.94)	81.8 (1.09)	74.9 (1.32)	72.9 (1.27)	73.2 (1.01)	75.3 (1.19)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	93.3 (1.57)	90.9 (1.76)	87.8 (2.07)	89.3 (1.16)	89.0 (1.22)	92.3 (1.05)	89.6 (1.21)	87.2 (1.26)	86.5 (1.37)	85.2 (1.41)	87.3 (1.16)
<b>25 to 64 years old, all education levels.....</b>	<b>65.8 (0.33)</b>	<b>70.2 (0.30)</b>	<b>71.6 (0.30)</b>	<b>75.0 (0.29)</b>	<b>75.5 (0.28)</b>	<b>77.7 (0.27)</b>	<b>75.0 (0.19)</b>	<b>75.5 (0.18)</b>	<b>76.0 (0.17)</b>	<b>75.5 (0.16)</b>	<b>72.2 (0.19)</b>	<b>71.5 (0.19)</b>	<b>71.2 (0.19)</b>	<b>71.7 (0.18)</b>
Less than high school completion.....	55.3 (0.62)	55.5 (0.66)	53.1 (0.74)	54.9 (0.80)	53.8 (0.85)	57.8 (0.91)	57.2 (0.51)	58.0 (0.53)	58.3 (0.58)	56.2 (0.51)	52.5 (0.57)	52.1 (0.60)	51.1 (0.56)	52.9 (0.60)
High school completion <sup>2</sup> .....	65.7 (0.53)	70.4 (0.48)	70.7 (0.48)	74.4 (0.46)	73.3 (0.49)	75.5 (0.49)	71.5 (0.34)	72.3 (0.32)	72.7 (0.32)	71.6 (0.28)	67.8 (0.33)	67.0 (0.36)	66.2 (0.39)	66.5 (0.35)
Some college, no bachelor's degree <sup>3</sup> .....	71.7 (0.86)	76.1 (0.70)	77.8 (0.66)	80.2 (0.60)	79.5 (0.51)	80.7 (0.50)	77.7 (0.33)	77.8 (0.31)	78.1 (0.29)	77.5 (0.31)	73.9 (0.33)	72.7 (0.30)	72.2 (0.30)	72.2 (0.30)
Bachelor's or higher degree.....	82.5 (0.68)	84.5 (0.55)	85.6 (0.51)	86.7 (0.47)	86.5 (0.44)	86.4 (0.42)	83.7 (0.26)	83.9 (0.23)	84.3 (0.24)	84.4 (0.27)	82.2 (0.25)	81.6 (0.24)	81.5 (0.26)	82.1 (0.24)
<b>25 to 34 years old, all education levels.....</b>	<b>67.7 (0.59)</b>	<b>74.5 (0.49)</b>	<b>76.2 (0.48)</b>	<b>78.6 (0.47)</b>	<b>78.5 (0.48)</b>	<b>81.6 (0.49)</b>	<b>76.8 (0.31)</b>	<b>77.9 (0.32)</b>	<b>78.9 (0.31)</b>	<b>78.1 (0.31)</b>	<b>74.2 (0.36)</b>	<b>73.2 (0.34)</b>	<b>73.0 (0.35)</b>	<b>73.8 (0.31)</b>
Less than high school completion.....	52.9 (1.43)	58.3 (1.46)	57.0 (1.54)	60.3 (1.50)	59.8 (1.59)	64.1 (1.76)	62.0 (0.95)	63.2 (0.91)	63.7 (0.97)	60.4 (0.93)	54.6 (1.07)	55.1 (0.95)	54.2 (1.17)	56.2 (1.14)
High school completion <sup>2</sup> .....	65.5 (0.92)	72.0 (0.81)	74.3 (0.78)	77.7 (0.74)	77.0 (0.84)	80.2 (0.91)	73.1 (0.60)	75.6 (0.63)	76.4 (0.57)	74.0 (0.60)	69.0 (0.66)	68.1 (0.72)	67.9 (0.67)	68.7 (0.75)
Some college, no bachelor's degree <sup>3</sup> .....	71.7 (1.33)	77.8 (1.01)	80.1 (0.97)	81.6 (0.96)	80.5 (0.87)	82.8 (0.90)	79.4 (0.54)	78.9 (0.60)	80.1 (0.54)	79.9 (0.52)	75.9 (0.60)	72.9 (0.57)	73.0 (0.62)	72.7 (0.68)
Bachelor's or higher degree.....	82.0 (1.04)	85.4 (0.82)	86.6 (0.79)	88.1 (0.76)	88.1 (0.75)	89.0 (0.73)	84.4 (0.52)	85.6 (0.48)	86.5 (0.47)	86.8 (0.46)	84.5 (0.49)	84.0 (0.49)	83.4 (0.45)	84.3 (0.45)
<b>35 to 44 years old, all education levels.....</b>	<b>70.3 (0.66)</b>	<b>76.5 (0.58)</b>	<b>78.1 (0.54)</b>	<b>81.6 (0.48)</b>	<b>80.2 (0.46)</b>	<b>81.8 (0.45)</b>	<b>79.9 (0.26)</b>	<b>80.0 (0.29)</b>	<b>80.7 (0.26)</b>	<b>80.1 (0.30)</b>	<b>76.7 (0.29)</b>	<b>76.0 (0.30)</b>	<b>76.0 (0.35)</b>	<b>76.9 (0.35)</b>
Less than high school completion.....	61.4 (1.31)	63.4 (1.39)	60.0 (1.58)	62.5 (1.69)	58.6 (1.66)	64.8 (1.64)	64.9 (0.93)	64.3 (0.97)	65.0 (1.00)	64.3 (1.05)	60.2 (1.01)	58.2 (1.13)	57.5 (1.04)	59.6 (1.13)
High school completion <sup>2</sup> .....	69.6 (1.02)	76.6 (0.90)	76.6 (0.88)	80.0 (0.80)	78.6 (0.82)	81.0 (0.79)	78.0 (0.52)	77.9 (0.52)	78.6 (0.50)	76.9 (0.57)	72.6 (0.63)	72.4 (0.64)	71.8 (0.64)	72.1 (0.68)
Some college, no bachelor's degree <sup>3</sup> .....	74.5 (1.74)	80.9 (1.33)	81.6 (1.15)	85.0 (0.93)	83.3 (0.81)	84.4 (0.80)	82.0 (0.48)	81.8 (0.52)	83.6 (0.50)	82.4 (0.58)	78.5 (0.53)	76.9 (0.53)	76.9 (0.62)	78.2 (0.61)
Bachelor's or higher degree.....	84.5 (1.31)	87.1 (1.00)	88.8 (0.80)	89.5 (0.72)	88.5 (0.71)	87.6 (0.74)	85.9 (0.41)	86.4 (0.38)	86.0 (0.40)	86.4 (0.40)	84.8 (0.42)	84.7 (0.39)	84.8 (0.43)	85.0 (0.41)
<b>45 to 54 years old, all education levels.....</b>	<b>68.4 (0.65)</b>	<b>71.7 (0.65)</b>	<b>73.5 (0.67)</b>	<b>77.6 (0.62)</b>	<b>78.8 (0.55)</b>	<b>81.2 (0.50)</b>	<b>78.4 (0.32)</b>	<b>78.8 (0.32)</b>	<b>78.9 (0.33)</b>	<b>78.4 (0.33)</b>	<b>75.2 (0.34)</b>	<b>74.7 (0.35)</b>	<b>74.3 (0.32)</b>	<b>74.6 (0.30)</b>
Less than high school completion.....	59.8 (1.14)	61.8 (1.24)	58.7 (1.52)	60.7 (1.63)	58.4 (1.79)	60.3 (1.89)	59.0 (1.04)	59.0 (1.11)	58.5 (1.05)	56.0 (1.02)	54.0 (1.13)	52.5 (1.05)	51.7 (0.84)	54.7 (1.06)
High school completion <sup>2</sup> .....	68.8 (1.03)	72.0 (1.02)	74.0 (1.03)	77.5 (0.97)	75.9 (1.01)	78.2 (0.95)	75.1 (0.64)	75.8 (0.62)	76.2 (0.58)	75.4 (0.57)	71.6 (0.53)	71.0 (0.65)	70.1 (0.58)	70.4 (0.62)
Some college, no bachelor's degree <sup>3</sup> .....	74.7 (1.81)	76.5 (1.72)	79.2 (1.63)	81.9 (1.38)	81.7 (1.03)	83.4 (0.91)	80.4 (0.57)	81.5 (0.53)	81.0 (0.58)	80.2 (0.51)	77.3 (0.58)	77.3 (0.54)	76.6 (0.53)	76.2 (0.53)
Bachelor's or higher degree.....	87.1 (1.36)	87.3 (1.21)	87.9 (1.16)	89.4 (0.97)	89.5 (0.78)	89.7 (0.71)	87.5 (0.45)	87.3 (0.42)	87.7 (0.42)	88.1 (0.45)	85.2 (0.45)	84.4 (0.45)	84.9 (0.45)	84.7 (0.48)
<b>55 to 64 years old, all education levels.....</b>	<b>54.6 (0.77)</b>	<b>54.1 (0.73)</b>	<b>52.1 (0.77)</b>	<b>53.4 (0.81)</b>	<b>55.0 (0.82)</b>	<b>58.1 (0.79)</b>	<b>60.8 (0.48)</b>	<b>61.9 (0.43)</b>	<b>62.2 (0.46)</b>	<b>62.8 (0.41)</b>	<b>60.8 (0.42)</b>	<b>60.6 (0.41)</b>	<b>60.2 (0.43)</b>	<b>60.6 (0.41)</b>
Less than high school completion.....	48.5 (1.11)	43.2 (1.16)	41.8 (1.29)	39.5 (1.46)	38.1 (1.67)	40.4 (1.84)	39.4 (1.13)	41.5 (1.17)	43.3 (1.19)	41.0 (1.24)	38.2 (1.19)	40.0 (1.19)	39.4 (1.15)	39.1 (1.08)
High school completion <sup>2</sup> .....	56.5 (1.32)	57.5 (1.19)	52.1 (1.22)	54.0 (1.29)	53.7 (1.34)	55.4 (1.34)	55.3 (0.79)	56.6 (0.71)	55.9 (0.85)	57.8 (0.69)	55.8 (0.73)	55.1 (0.71)	54.4 (0.81)	54.6 (0.75)
Some college, no bachelor's degree <sup>3</sup> .....	62.6 (2.48)	62.5 (2.08)	58.9 (2.21)	60.4 (2.12)	62.0 (1.74)	62.4 (1.64)	64.8 (0.90)	65.3 (0.83)	64.6 (0.73)	64.8 (0.80)	61.6 (0.74)	61.8 (0.76)	61.2 (0.78)	61.2 (0.70)
Bachelor's or higher degree.....	72.6 (2.34)	71.9 (1.96)	71.3 (1.83)	70.5 (1.79)	70.0 (1.72)	71.9 (1.49)	73.5 (0.74)	73.4 (0.75)	74.5 (0.75)	74.0 (0.68)	72.7 (0.63)	72.0 (0.65)	71.8 (0.71)	73.1 (0.66)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The employment to population ratio is the number of persons employed as a percentage of the civilian population.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)

**Table 432. Employment to population ratios of males 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>65.3 (2.82)</b>	<b>63.6 (2.87)</b>	<b>69.2 (2.70)</b>	<b>56.2 (2.10)</b>	<b>60.6 (1.62)</b>	<b>59.6 (1.57)</b>	<b>58.7 (1.72)</b>	<b>45.8 (1.77)</b>	<b>44.0 (1.72)</b>	<b>47.0 (1.94)</b>	<b>48.1 (2.00)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	51.5 (4.20)	50.6 (4.26)	63.1 (4.09)	47.0 (3.07)	50.5 (2.57)	48.0 (2.48)	45.8 (2.44)	34.0 (2.70)	31.5 (2.64)	37.4 (3.03)	34.7 (3.25)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	78.7 (3.51)	76.1 (3.87)	74.4 (3.77)	63.1 (2.88)	70.9 (2.27)	69.1 (2.46)	67.1 (2.47)	51.1 (2.35)	51.0 (2.37)	51.2 (2.84)	52.5 (2.51)
At least some college.....	— (†)	— (†)	— (†)	83.1 (13.41)	75.9 (8.99)	77.0 (9.81)	70.4 (5.98)	63.5 (6.33)	71.0 (6.02)	74.3 (4.67)	62.9 (5.37)	61.4 (6.00)	60.2 (5.67)	64.2 (5.72)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	<b>83.5 (1.10)</b>	<b>81.2 (1.16)</b>	<b>83.3 (1.16)</b>	<b>78.9 (0.86)</b>	<b>80.5 (0.75)</b>	<b>80.8 (0.72)</b>	<b>79.1 (0.68)</b>	<b>70.6 (0.86)</b>	<b>68.4 (0.97)</b>	<b>69.5 (0.84)</b>	<b>72.1 (0.96)</b>
Less than high school completion.....	— (†)	— (†)	— (†)	70.0 (2.84)	69.3 (2.99)	72.1 (2.93)	69.5 (1.80)	72.0 (1.88)	67.9 (1.97)	68.2 (2.11)	59.2 (2.28)	52.9 (2.06)	57.3 (2.43)	56.6 (2.42)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	84.6 (1.50)	81.1 (1.73)	82.7 (1.78)	78.0 (1.21)	78.7 (1.16)	79.7 (1.11)	76.9 (1.05)	66.9 (1.38)	66.0 (1.31)	66.2 (1.31)	68.0 (1.43)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	91.8 (1.98)	87.5 (1.97)	92.6 (1.65)	84.6 (1.43)	86.4 (1.15)	87.3 (1.25)	85.2 (1.38)	77.7 (1.69)	74.8 (1.71)	75.2 (1.66)	80.5 (1.59)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	94.9 (2.07)	91.1 (2.70)	89.1 (3.07)	90.6 (1.82)	90.4 (1.77)	94.1 (1.38)	92.4 (1.51)	86.4 (1.94)	86.3 (2.04)	84.7 (2.16)	88.7 (1.77)
<b>25 to 64 years old, all education levels.....</b>	<b>84.6 (0.36)</b>	<b>85.0 (0.34)</b>	<b>83.1 (0.36)</b>	<b>84.5 (0.34)</b>	<b>83.0 (0.34)</b>	<b>84.6 (0.33)</b>	<b>81.9 (0.25)</b>	<b>82.3 (0.22)</b>	<b>82.5 (0.22)</b>	<b>81.6 (0.22)</b>	<b>77.0 (0.25)</b>	<b>76.3 (0.27)</b>	<b>76.3 (0.27)</b>	<b>77.4 (0.25)</b>
Less than high school completion.....	74.3 (0.77)	72.4 (0.84)	67.6 (0.98)	67.9 (1.04)	64.2 (1.13)	69.6 (1.17)	69.7 (0.70)	70.5 (0.70)	69.3 (0.79)	66.6 (0.78)	61.6 (0.80)	61.2 (0.93)	61.0 (0.81)	63.0 (0.77)
High school completion <sup>2</sup> .....	87.2 (0.56)	87.0 (0.54)	83.5 (0.58)	85.1 (0.55)	81.9 (0.61)	82.9 (0.61)	78.6 (0.44)	79.2 (0.37)	79.3 (0.45)	78.3 (0.42)	72.1 (0.49)	71.7 (0.50)	71.8 (0.50)	72.6 (0.45)
Some college, no bachelor's degree <sup>3</sup> .....	88.8 (0.83)	88.3 (0.73)	87.1 (0.75)	87.9 (0.70)	86.1 (0.63)	86.1 (0.63)	83.7 (0.44)	84.1 (0.40)	83.8 (0.42)	82.9 (0.42)	78.1 (0.41)	76.6 (0.42)	75.9 (0.45)	77.3 (0.43)
Bachelor's or higher degree.....	93.8 (0.55)	93.6 (0.48)	92.4 (0.50)	92.5 (0.48)	91.4 (0.48)	91.8 (0.47)	89.4 (0.35)	89.4 (0.31)	90.7 (0.28)	90.0 (0.31)	87.6 (0.34)	86.9 (0.33)	86.9 (0.35)	87.5 (0.33)
<b>25 to 34 years old, all education levels.....</b>	<b>87.4 (0.59)</b>	<b>88.1 (0.52)</b>	<b>86.9 (0.54)</b>	<b>87.9 (0.52)</b>	<b>87.1 (0.55)</b>	<b>89.4 (0.55)</b>	<b>84.6 (0.40)</b>	<b>86.1 (0.40)</b>	<b>86.7 (0.40)</b>	<b>84.6 (0.41)</b>	<b>79.1 (0.46)</b>	<b>78.4 (0.48)</b>	<b>78.5 (0.51)</b>	<b>80.1 (0.48)</b>
Less than high school completion.....	76.2 (1.78)	76.3 (1.80)	75.1 (1.87)	75.6 (1.77)	73.7 (1.91)	78.4 (2.04)	78.1 (1.23)	79.9 (1.12)	77.1 (1.45)	73.5 (1.40)	66.2 (1.45)	66.6 (1.42)	66.3 (1.47)	70.1 (1.51)
High school completion <sup>2</sup> .....	88.4 (0.93)	88.4 (0.86)	86.1 (0.88)	88.6 (0.80)	86.6 (0.94)	89.1 (0.98)	81.7 (0.77)	84.3 (0.77)	84.4 (0.74)	81.7 (0.83)	73.4 (0.87)	73.0 (0.85)	74.3 (0.91)	76.5 (0.90)
Some college, no bachelor's degree <sup>3</sup> .....	87.7 (1.31)	88.5 (1.06)	89.7 (1.04)	89.7 (1.08)	89.6 (0.98)	90.7 (1.02)	86.4 (0.82)	86.8 (0.68)	87.7 (0.72)	86.3 (0.73)	81.4 (0.82)	78.7 (0.83)	77.5 (0.90)	78.2 (0.97)
Bachelor's or higher degree.....	93.5 (0.87)	93.4 (0.76)	92.2 (0.85)	93.1 (0.83)	93.0 (0.83)	93.6 (0.82)	89.6 (0.69)	91.1 (0.65)	93.5 (0.52)	91.7 (0.62)	89.5 (0.68)	89.2 (0.74)	89.0 (0.70)	89.3 (0.67)
<b>35 to 44 years old, all education levels.....</b>	<b>90.1 (0.61)</b>	<b>91.1 (0.55)</b>	<b>89.1 (0.57)</b>	<b>90.2 (0.52)</b>	<b>86.8 (0.55)</b>	<b>88.8 (0.52)</b>	<b>87.2 (0.37)</b>	<b>87.6 (0.35)</b>	<b>88.2 (0.32)</b>	<b>87.1 (0.41)</b>	<b>82.7 (0.41)</b>	<b>82.3 (0.42)</b>	<b>82.4 (0.43)</b>	<b>83.3 (0.43)</b>
Less than high school completion.....	81.6 (1.48)	80.1 (1.65)	74.6 (1.99)	73.9 (2.13)	66.7 (2.15)	76.5 (2.00)	75.9 (1.26)	76.3 (1.25)	76.0 (1.16)	73.3 (1.51)	69.4 (1.47)	69.5 (1.61)	70.9 (1.59)	70.6 (1.47)
High school completion <sup>2</sup> .....	91.3 (0.95)	92.3 (0.85)	88.6 (1.00)	89.1 (0.91)	85.9 (0.98)	87.1 (0.93)	83.7 (0.71)	84.8 (0.69)	85.0 (0.63)	83.3 (0.76)	77.6 (0.80)	77.6 (0.92)	76.8 (0.83)	78.2 (0.97)
Some college, no bachelor's degree <sup>3</sup> .....	93.8 (1.34)	93.8 (1.13)	90.2 (1.25)	92.6 (0.97)	88.8 (0.99)	90.2 (0.95)	89.4 (0.60)	89.3 (0.62)	90.2 (0.66)	89.0 (0.71)	83.9 (0.74)	82.7 (0.73)	83.1 (0.86)	83.9 (0.76)
Bachelor's or higher degree.....	97.0 (0.77)	97.1 (0.65)	96.3 (0.62)	96.3 (0.59)	95.1 (0.66)	95.1 (0.67)	94.6 (0.45)	94.4 (0.42)	95.3 (0.41)	94.9 (0.41)	92.3 (0.56)	91.9 (0.55)	91.4 (0.51)	92.2 (0.51)
<b>45 to 54 years old, all education levels.....</b>	<b>86.6 (0.68)</b>	<b>87.4 (0.67)</b>	<b>85.8 (0.76)</b>	<b>87.1 (0.70)</b>	<b>84.9 (0.68)</b>	<b>86.5 (0.62)</b>	<b>83.9 (0.45)</b>	<b>84.0 (0.43)</b>	<b>84.0 (0.43)</b>	<b>83.7 (0.43)</b>	<b>78.8 (0.44)</b>	<b>78.3 (0.50)</b>	<b>78.9 (0.45)</b>	<b>79.9 (0.44)</b>
Less than high school completion.....	78.2 (1.34)	79.6 (1.42)	73.2 (1.90)	74.3 (2.05)	66.4 (2.41)	68.5 (2.52)	69.9 (1.55)	69.1 (1.54)	67.7 (1.34)	65.5 (1.49)	61.4 (1.50)	58.8 (1.48)	58.6 (1.25)	62.5 (1.45)
High school completion <sup>2</sup> .....	90.3 (1.01)	89.3 (1.08)	87.3 (1.18)	87.5 (1.15)	82.1 (1.35)	84.6 (1.21)	80.7 (0.86)	80.6 (0.84)	80.5 (0.78)	80.4 (0.81)	74.2 (0.80)	74.6 (0.91)	75.4 (0.78)	75.2 (0.88)
Some college, no bachelor's degree <sup>3</sup> .....	91.0 (1.66)	89.4 (1.78)	89.3 (1.76)	88.9 (1.58)	87.2 (1.29)	86.4 (1.18)	84.5 (0.84)	86.6 (0.68)	85.9 (0.82)	85.6 (0.64)	80.1 (0.84)	79.4 (0.80)	79.2 (0.81)	81.9 (0.74)
Bachelor's or higher degree.....	95.6 (1.02)	96.0 (0.88)	94.8 (1.00)	95.2 (0.88)	93.8 (0.80)	94.6 (0.72)	92.2 (0.53)	91.5 (0.51)	92.9 (0.56)	93.5 (0.46)	90.2 (0.58)	89.4 (0.58)	90.5 (0.53)	90.2 (0.60)
<b>55 to 64 years old, all education levels.....</b>	<b>71.3 (1.00)</b>	<b>69.7 (0.98)</b>	<b>64.6 (1.05)</b>	<b>64.0 (1.12)</b>	<b>63.2 (1.13)</b>	<b>64.9 (1.09)</b>	<b>67.3 (0.66)</b>	<b>67.5 (0.61)</b>	<b>67.5 (0.62)</b>	<b>68.0 (0.54)</b>	<b>65.2 (0.59)</b>	<b>64.4 (0.61)</b>	<b>64.1 (0.61)</b>	<b>65.1 (0.58)</b>
Less than high school completion.....	64.5 (1.51)	58.3 (1.65)	53.4 (1.85)	49.6 (2.13)	46.9 (2.46)	51.2 (2.71)	48.8 (1.70)	49.1 (1.76)	50.8 (1.78)	48.3 (1.60)	44.3 (1.75)	45.0 (1.81)	45.2 (1.68)	44.6 (1.48)
High school completion <sup>2</sup> .....	74.9 (1.73)	74.6 (1.61)	66.1 (1.80)	66.0 (1.89)	62.7 (1.99)	61.0 (1.97)	61.8 (1.15)	61.7 (1.15)	61.1 (1.23)	62.9 (1.10)	59.3 (1.19)	58.5 (1.12)	58.2 (1.12)	59.1 (1.05)
Some college, no bachelor's degree <sup>3</sup> .....	80.8 (2.87)	77.2 (2.53)	67.5 (3.01)	67.7 (2.93)	67.8 (2.41)	66.6 (2.31)	69.6 (1.31)	69.0 (1.17)	67.8 (1.03)	67.9 (1.10)	64.5 (1.06)	63.9 (1.10)	63.0 (1.08)	64.3 (1.11)
Bachelor's or higher degree.....	84.1 (2.52)	83.8 (2.04)	80.7 (1.98)	77.9 (2.03)	74.9 (2.04)	77.0 (1.82)	78.6 (0.89)	78.6 (0.95)	79.2 (0.93)	78.6 (0.81)	77.4 (0.83)	76.2 (0.82)	76.3 (0.84)	77.7 (0.85)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The employment to population ratio is the number of persons employed as a percentage of the civilian population.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)

**Table 433. Employment to population ratios of females 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	56.6 (2.72)	52.2 (2.93)	55.1 (2.98)	51.0 (1.88)	50.9 (2.00)	53.5 (1.87)	47.3 (2.14)	47.7 (1.81)	42.3 (1.88)	42.3 (2.14)	43.1 (2.03)
Less than high school completion.....	— (†)	— (†)	— (†)	36.0 (4.13)	36.5 (4.23)	38.9 (4.42)	30.3 (2.72)	34.3 (2.54)	36.4 (2.63)	25.9 (2.84)	27.3 (2.57)	26.8 (2.75)	23.5 (2.92)	22.6 (2.88)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	70.5 (3.38)	64.1 (4.22)	65.2 (4.22)	67.0 (2.60)	61.4 (2.77)	65.2 (2.70)	61.2 (2.94)	56.7 (2.54)	51.2 (2.99)	49.1 (2.91)	55.2 (2.97)
At least some college.....	— (†)	— (†)	— (†)	73.1 (11.73)	68.3 (8.37)	79.1 (7.56)	63.6 (6.23)	63.4 (5.29)	72.7 (4.46)	55.9 (5.75)	67.6 (4.82)	54.4 (5.29)	62.5 (5.31)	64.3 (5.68)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	68.2 (1.29)	66.3 (1.34)	71.5 (1.35)	67.0 (1.01)	67.8 (0.94)	68.3 (0.85)	67.2 (0.97)	65.8 (0.94)	62.4 (1.01)	64.1 (0.92)	65.0 (0.94)
Less than high school completion.....	— (†)	— (†)	— (†)	36.7 (3.08)	33.6 (3.18)	46.2 (3.57)	38.5 (2.20)	41.1 (2.23)	44.3 (2.19)	37.5 (2.47)	38.6 (2.32)	33.3 (2.50)	33.2 (2.31)	36.2 (2.88)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	68.8 (1.84)	62.2 (2.19)	70.0 (2.15)	65.0 (1.47)	64.7 (1.39)	63.2 (1.38)	60.8 (1.55)	59.9 (1.53)	55.6 (1.43)	58.5 (1.77)	59.2 (1.55)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	80.9 (2.39)	80.3 (2.12)	81.4 (2.23)	76.6 (1.72)	76.3 (1.73)	76.7 (1.49)	78.7 (1.56)	72.4 (1.67)	71.2 (1.65)	71.2 (1.47)	70.6 (1.64)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	92.0 (2.12)	90.8 (2.19)	86.9 (2.61)	88.4 (1.53)	88.0 (1.69)	91.0 (1.47)	87.8 (1.55)	87.7 (1.60)	86.7 (1.67)	85.5 (1.81)	86.4 (1.53)
<b>25 to 64 years old, all education levels.....</b>	48.5 (0.46)	56.5 (0.44)	60.8 (0.43)	66.0 (0.42)	68.3 (0.40)	71.2 (0.39)	68.4 (0.23)	69.0 (0.25)	69.6 (0.21)	69.6 (0.23)	67.6 (0.24)	66.9 (0.23)	66.2 (0.24)	66.3 (0.25)
Less than high school completion.....	37.7 (0.80)	39.8 (0.86)	39.1 (0.97)	41.8 (1.06)	43.2 (1.15)	45.8 (1.24)	43.4 (0.72)	43.8 (0.69)	45.4 (0.69)	43.8 (0.74)	41.9 (0.67)	41.6 (0.81)	39.7 (0.71)	41.6 (0.89)
High school completion <sup>2</sup> .....	50.1 (0.70)	58.2 (0.65)	60.8 (0.65)	65.6 (0.64)	65.7 (0.69)	68.6 (0.70)	64.2 (0.44)	65.3 (0.48)	65.8 (0.42)	64.7 (0.43)	63.2 (0.42)	61.9 (0.44)	60.1 (0.51)	60.0 (0.49)
Some college, no bachelor's degree <sup>3</sup> .....	53.8 (1.30)	63.7 (1.07)	69.0 (0.98)	73.2 (0.88)	73.8 (0.71)	76.0 (0.70)	72.8 (0.42)	72.5 (0.38)	73.3 (0.38)	73.0 (0.43)	70.4 (0.44)	69.4 (0.45)	69.1 (0.37)	67.9 (0.43)
Bachelor's or higher degree.....	65.6 (1.29)	71.8 (1.01)	76.7 (0.88)	79.8 (0.78)	80.8 (0.71)	80.8 (0.66)	78.1 (0.40)	78.7 (0.34)	78.3 (0.37)	79.1 (0.40)	77.3 (0.38)	76.9 (0.36)	76.6 (0.39)	77.2 (0.38)
<b>25 to 34 years old, all education levels.....</b>	49.3 (0.83)	61.6 (0.73)	65.9 (0.72)	69.6 (0.70)	70.2 (0.71)	74.1 (0.74)	69.0 (0.48)	69.7 (0.49)	71.1 (0.45)	71.7 (0.47)	69.3 (0.51)	68.0 (0.44)	67.5 (0.42)	67.7 (0.44)
Less than high school completion.....	33.7 (1.74)	42.3 (1.91)	38.7 (2.05)	42.5 (2.12)	43.5 (2.25)	47.6 (2.56)	42.7 (1.44)	42.0 (1.38)	45.7 (1.31)	42.4 (1.37)	39.5 (1.50)	40.2 (1.35)	37.5 (1.55)	38.9 (1.69)
High school completion <sup>2</sup> .....	48.1 (1.22)	59.4 (1.12)	63.9 (1.11)	67.5 (1.11)	67.2 (1.27)	70.7 (1.43)	62.5 (0.99)	65.0 (0.95)	66.4 (0.90)	64.3 (0.92)	63.2 (0.98)	61.4 (1.14)	59.5 (0.94)	59.1 (1.05)
Some college, no bachelor's degree <sup>3</sup> .....	53.6 (2.06)	66.3 (1.58)	71.0 (1.46)	74.5 (1.40)	73.0 (1.26)	76.3 (1.31)	73.0 (0.81)	71.9 (0.85)	73.5 (0.78)	74.4 (0.81)	70.8 (0.86)	67.7 (0.80)	69.1 (0.79)	67.7 (0.90)
Bachelor's or higher degree.....	66.3 (1.88)	75.5 (1.42)	80.6 (1.26)	83.2 (1.18)	83.4 (1.16)	84.7 (1.11)	80.1 (0.72)	81.1 (0.70)	80.7 (0.70)	82.8 (0.66)	80.7 (0.73)	79.9 (0.63)	78.8 (0.60)	80.3 (0.63)
<b>35 to 44 years old, all education levels.....</b>	51.9 (0.95)	62.8 (0.87)	67.7 (0.80)	73.3 (0.72)	73.8 (0.68)	75.1 (0.67)	72.8 (0.38)	72.6 (0.41)	73.3 (0.39)	73.3 (0.40)	70.9 (0.42)	69.9 (0.42)	69.8 (0.48)	70.7 (0.48)
Less than high school completion.....	42.8 (1.76)	48.2 (1.90)	46.4 (2.13)	51.0 (2.35)	49.7 (2.33)	52.5 (2.35)	51.5 (1.33)	49.1 (1.27)	50.9 (1.48)	53.1 (1.57)	48.9 (1.47)	44.8 (1.54)	42.5 (1.41)	47.0 (1.49)
High school completion <sup>2</sup> .....	53.9 (1.38)	64.7 (1.28)	67.8 (1.22)	72.7 (1.13)	71.7 (1.19)	74.7 (1.18)	71.6 (0.74)	70.4 (0.78)	71.4 (0.76)	69.6 (0.78)	66.9 (0.94)	66.3 (0.87)	65.8 (0.87)	64.9 (1.02)
Some college, no bachelor's degree <sup>3</sup> .....	55.1 (2.67)	67.8 (2.14)	73.6 (1.73)	77.9 (1.44)	78.5 (1.16)	79.4 (1.16)	76.1 (0.67)	75.5 (0.74)	78.1 (0.69)	76.9 (0.81)	74.0 (0.79)	72.2 (0.74)	71.8 (0.87)	73.4 (0.85)
Bachelor's or higher degree.....	63.2 (2.73)	73.0 (1.97)	78.5 (1.53)	81.2 (1.30)	81.5 (1.19)	80.2 (1.20)	78.1 (0.66)	79.4 (0.63)	77.6 (0.69)	78.9 (0.63)	78.1 (0.61)	78.3 (0.59)	78.9 (0.68)	78.8 (0.64)
<b>45 to 54 years old, all education levels.....</b>	51.5 (0.93)	57.1 (0.94)	62.1 (0.98)	68.6 (0.92)	72.9 (0.80)	76.0 (0.73)	73.2 (0.40)	73.9 (0.42)	74.1 (0.44)	73.2 (0.46)	71.8 (0.46)	71.3 (0.44)	70.0 (0.44)	69.6 (0.42)
Less than high school completion.....	41.5 (1.55)	43.9 (1.71)	44.3 (2.06)	47.6 (2.22)	50.6 (2.43)	52.3 (2.57)	47.8 (1.40)	48.4 (1.31)	48.3 (1.46)	44.6 (1.30)	45.5 (1.47)	45.2 (1.61)	44.1 (1.25)	45.8 (1.53)
High school completion <sup>2</sup> .....	53.8 (1.37)	60.2 (1.37)	64.2 (1.41)	69.9 (1.35)	71.1 (1.36)	72.9 (1.33)	69.5 (0.83)	71.2 (0.88)	71.9 (0.82)	70.1 (0.80)	68.8 (0.85)	67.1 (0.72)	64.4 (0.89)	65.5 (0.82)
Some college, no bachelor's degree <sup>3</sup> .....	58.1 (2.78)	64.7 (2.56)	69.7 (2.45)	75.2 (2.08)	76.9 (1.46)	80.6 (1.28)	76.9 (0.72)	77.3 (0.74)	76.9 (0.77)	75.9 (0.74)	75.0 (0.73)	75.5 (0.74)	74.4 (0.71)	71.4 (0.77)
Bachelor's or higher degree.....	72.2 (2.87)	72.3 (2.55)	77.3 (2.24)	81.8 (1.76)	83.8 (1.36)	84.5 (1.17)	82.8 (0.72)	83.0 (0.68)	82.8 (0.64)	83.0 (0.73)	80.5 (0.69)	79.7 (0.69)	79.6 (0.68)	79.6 (0.72)
<b>55 to 64 years old, all education levels.....</b>	39.7 (0.99)	40.5 (0.94)	41.1 (0.99)	44.0 (1.05)	47.5 (1.08)	51.9 (1.06)	54.8 (0.61)	56.7 (0.60)	57.2 (0.58)	58.1 (0.55)	56.7 (0.55)	57.1 (0.53)	56.4 (0.51)	56.5 (0.57)
Less than high school completion.....	33.5 (1.39)	29.4 (1.41)	31.2 (1.60)	30.5 (1.80)	30.3 (2.07)	30.9 (2.26)	30.5 (1.33)	34.6 (1.48)	36.0 (1.47)	34.1 (1.70)	32.1 (1.47)	35.1 (1.54)	33.6 (1.46)	34.0 (1.57)
High school completion <sup>2</sup> .....	42.6 (1.65)	45.8 (1.48)	42.8 (1.48)	45.7 (1.60)	47.5 (1.66)	51.3 (1.69)	50.5 (0.95)	52.3 (0.94)	51.8 (1.02)	53.8 (0.90)	52.9 (0.97)	52.2 (0.92)	51.1 (0.95)	50.6 (0.97)
Some college, no bachelor's degree <sup>3</sup> .....	45.9 (3.37)	48.2 (2.87)	51.1 (2.95)	54.1 (2.81)	57.0 (2.32)	58.8 (2.17)	60.9 (1.06)	62.4 (1.08)	61.9 (1.11)	62.0 (1.04)	59.1 (1.02)	59.9 (1.08)	59.6 (1.08)	58.7 (1.01)
Bachelor's or higher degree.....	57.8 (3.72)	54.0 (3.27)	55.1 (3.18)	58.6 (2.98)	61.9 (2.81)	65.1 (2.28)	67.5 (1.22)	67.2 (1.14)	69.1 (1.01)	68.7 (1.04)	67.5 (0.96)	67.5 (0.98)	67.0 (1.04)	68.3 (1.03)

—Not available.

†Not applicable.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The employment to population ratio is the number of persons employed as a percentage of the civilian population.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)



**Table 434. Unemployment rates of persons 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	17.0 (1.84)	21.0 (2.06)	17.2 (1.89)	22.8 (1.39)	20.6 (1.18)	19.5 (1.23)	20.9 (1.36)	30.3 (1.58)	31.9 (1.59)	28.8 (1.62)	30.6 (1.57)
Less than high school completion.....	— (†)	— (†)	— (†)	26.4 (3.56)	30.3 (3.67)	21.4 (3.23)	30.3 (2.34)	25.8 (2.24)	28.6 (2.42)	30.8 (2.40)	38.9 (3.05)	41.7 (3.14)	35.1 (3.42)	41.1 (3.01)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	11.7 (2.05)	15.1 (2.59)	15.3 (2.54)	19.1 (2.02)	17.6 (1.43)	15.1 (1.59)	17.2 (1.62)	29.1 (1.80)	29.6 (2.08)	28.9 (2.18)	28.7 (2.00)
At least some college.....	— (†)	— (†)	— (†)	‡ (†)	12.4 ! (5.19)	‡ (†)	15.8 (3.54)	17.7 (3.54)	8.9 (2.44)	11.3 (2.99)	18.1 (3.68)	18.1 (3.65)	16.2 (3.55)	19.6 (3.83)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	8.2 (0.64)	10.7 (0.72)	9.2 (0.70)	10.9 (0.48)	9.3 (0.46)	9.3 (0.42)	10.7 (0.43)	17.0 (0.62)	18.8 (0.66)	18.1 (0.60)	15.5 (0.55)
Less than high school completion.....	— (†)	— (†)	— (†)	17.8 (2.19)	19.5 (2.37)	16.6 (2.18)	18.9 (1.24)	15.7 (1.34)	18.6 (1.47)	19.2 (1.66)	29.0 (1.69)	32.3 (1.80)	30.1 (1.95)	27.6 (2.12)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	7.8 (0.88)	12.0 (1.18)	10.0 (1.12)	12.0 (0.73)	10.4 (0.70)	9.4 (0.70)	13.0 (0.70)	20.3 (1.05)	22.3 (0.95)	21.6 (1.02)	18.3 (0.96)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	4.8 (1.09)	7.3 (1.13)	5.2 (1.02)	7.3 (0.76)	7.1 (0.68)	7.2 (0.72)	6.8 (0.67)	12.1 (0.94)	14.2 (1.07)	14.0 (0.98)	12.7 (0.89)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	3.1 ! (1.12)	4.1 ! (1.26)	5.0 (1.43)	5.4 (0.91)	3.9 (0.72)	3.4 (0.68)	4.5 (0.78)	7.9 (1.02)	7.9 (1.15)	8.7 (1.05)	6.0 (0.95)
<b>25 to 64 years old, all education levels.....</b>	6.8 (0.21)	5.0 (0.17)	6.1 (0.18)	3.6 (0.14)	4.8 (0.15)	3.3 (0.13)	4.4 (0.09)	4.1 (0.09)	3.9 (0.08)	4.4 (0.09)	8.1 (0.12)	9.1 (0.13)	8.3 (0.13)	7.4 (0.11)
Less than high school completion.....	10.5 (0.49)	8.5 (0.48)	11.5 (0.62)	7.8 (0.56)	10.0 (0.66)	7.9 (0.63)	9.0 (0.36)	8.3 (0.41)	8.5 (0.44)	10.1 (0.44)	15.8 (0.54)	16.8 (0.54)	16.2 (0.55)	14.3 (0.49)
High school completion <sup>2</sup> .....	6.8 (0.34)	5.1 (0.27)	6.9 (0.31)	3.8 (0.23)	5.2 (0.28)	3.8 (0.25)	5.5 (0.17)	4.7 (0.16)	4.7 (0.15)	5.8 (0.18)	10.4 (0.21)	12.1 (0.26)	10.9 (0.27)	9.2 (0.25)
Some college, no bachelor's degree <sup>3</sup> .....	5.5 (0.50)	4.3 (0.38)	4.7 (0.37)	3.1 (0.29)	4.5 (0.29)	3.0 (0.24)	4.2 (0.17)	3.9 (0.17)	3.7 (0.18)	4.2 (0.17)	8.0 (0.22)	8.8 (0.23)	8.1 (0.20)	7.9 (0.24)
Bachelor's or higher degree.....	2.4 (0.30)	1.9 (0.23)	2.4 (0.24)	1.7 (0.19)	2.5 (0.21)	1.5 (0.16)	2.3 (0.13)	2.3 (0.11)	1.8 (0.10)	2.1 (0.11)	4.3 (0.15)	4.7 (0.15)	4.4 (0.15)	4.1 (0.14)
<b>25 to 34 years old, all education levels.....</b>	8.6 (0.41)	6.8 (0.32)	7.3 (0.33)	4.8 (0.27)	5.8 (0.30)	4.0 (0.27)	5.8 (0.18)	5.5 (0.19)	4.9 (0.18)	5.9 (0.21)	10.1 (0.27)	10.8 (0.28)	10.0 (0.28)	9.2 (0.26)
Less than high school completion.....	17.2 (1.37)	13.8 (1.25)	15.8 (1.40)	12.2 (1.23)	12.9 (1.32)	10.3 (1.33)	11.6 (0.69)	11.0 (0.84)	10.3 (0.91)	14.2 (0.93)	19.9 (1.05)	20.3 (1.02)	19.7 (1.18)	16.8 (1.09)
High school completion <sup>2</sup> .....	9.4 (0.67)	7.9 (0.55)	9.1 (0.57)	5.1 (0.44)	6.8 (0.56)	4.8 (0.54)	7.7 (0.41)	6.5 (0.40)	6.2 (0.36)	8.5 (0.49)	14.1 (0.57)	15.9 (0.62)	14.3 (0.55)	12.8 (0.57)
Some college, no bachelor's degree <sup>3</sup> .....	6.7 (0.85)	6.0 (0.64)	5.4 (0.60)	3.8 (0.51)	5.0 (0.52)	3.6 (0.49)	5.4 (0.36)	5.3 (0.35)	4.6 (0.34)	5.0 (0.33)	9.8 (0.46)	10.6 (0.44)	10.1 (0.46)	10.1 (0.51)
Bachelor's or higher degree.....	2.9 (0.50)	2.5 (0.39)	2.8 (0.41)	1.9 (0.34)	2.7 (0.40)	1.6 (0.31)	2.6 (0.26)	2.8 (0.25)	2.2 (0.23)	2.2 (0.21)	4.5 (0.29)	4.5 (0.28)	4.3 (0.31)	4.1 (0.28)
<b>35 to 44 years old, all education levels.....</b>	6.4 (0.41)	4.3 (0.31)	5.6 (0.33)	3.3 (0.24)	4.6 (0.27)	3.5 (0.23)	4.2 (0.14)	4.1 (0.17)	3.7 (0.15)	4.3 (0.17)	7.9 (0.18)	9.2 (0.24)	8.2 (0.23)	7.1 (0.22)
Less than high school completion.....	11.2 (1.03)	9.1 (1.00)	12.5 (1.31)	8.5 (1.20)	10.5 (1.28)	8.4 (1.14)	8.7 (0.63)	8.6 (0.70)	9.3 (0.80)	9.1 (0.79)	15.3 (0.87)	17.8 (1.07)	15.9 (1.04)	14.1 (0.88)
High school completion <sup>2</sup> .....	5.7 (0.60)	4.2 (0.48)	6.1 (0.55)	3.7 (0.41)	5.1 (0.48)	3.9 (0.43)	5.2 (0.31)	5.1 (0.31)	4.8 (0.29)	6.0 (0.35)	10.6 (0.44)	11.9 (0.51)	11.3 (0.44)	9.1 (0.48)
Some college, no bachelor's degree <sup>3</sup> .....	4.6 (0.95)	3.1 (0.64)	4.8 (0.69)	2.8 (0.47)	4.7 (0.49)	3.1 (0.41)	3.9 (0.25)	3.7 (0.32)	3.0 (0.28)	3.8 (0.27)	7.2 (0.36)	9.2 (0.42)	7.5 (0.39)	7.4 (0.44)
Bachelor's or higher degree.....	2.3 (0.59)	1.6 (0.41)	2.2 (0.39)	1.6 (0.31)	2.2 (0.34)	1.8 (0.31)	2.0 (0.19)	2.0 (0.19)	1.5 (0.14)	1.9 (0.17)	4.2 (0.26)	4.6 (0.26)	4.6 (0.29)	3.6 (0.26)
<b>45 to 54 years old, all education levels.....</b>	5.9 (0.39)	3.9 (0.32)	5.4 (0.39)	2.5 (0.26)	3.9 (0.29)	2.4 (0.22)	3.9 (0.16)	3.4 (0.15)	3.5 (0.17)	3.9 (0.16)	7.4 (0.21)	8.4 (0.22)	7.5 (0.20)	6.8 (0.18)
Less than high school completion.....	8.6 (0.82)	6.6 (0.78)	10.2 (1.17)	4.6 (0.89)	7.9 (1.24)	6.1 (1.16)	7.0 (0.66)	5.9 (0.73)	7.3 (0.71)	8.9 (0.74)	13.6 (0.95)	15.6 (0.98)	16.3 (0.92)	13.5 (0.92)
High school completion <sup>2</sup> .....	5.6 (0.60)	3.4 (0.48)	5.4 (0.60)	2.3 (0.39)	4.0 (0.53)	2.7 (0.42)	4.6 (0.33)	3.9 (0.30)	4.0 (0.31)	4.7 (0.34)	8.8 (0.42)	11.0 (0.43)	9.3 (0.42)	7.8 (0.36)
Some college, no bachelor's degree <sup>3</sup> .....	4.7 (1.00)	3.0 (0.78)	3.2 (0.79)	2.6 (0.62)	3.9 (0.56)	2.4 (0.40)	3.7 (0.30)	3.4 (0.26)	3.7 (0.33)	4.0 (0.32)	7.5 (0.39)	7.6 (0.40)	7.1 (0.35)	6.9 (0.36)
Bachelor's or higher degree.....	2.0 ! (0.61)	1.3 ! (0.44)	2.1 (0.54)	1.4 (0.38)	2.4 (0.41)	1.3 (0.28)	2.5 (0.26)	2.3 (0.20)	1.8 (0.18)	1.9 (0.18)	4.3 (0.29)	4.8 (0.30)	4.0 (0.27)	3.9 (0.27)
<b>55 to 64 years old, all education levels.....</b>	5.4 (0.46)	3.1 (0.35)	4.6 (0.44)	2.8 (0.36)	3.9 (0.42)	2.8 (0.35)	3.7 (0.20)	2.9 (0.18)	3.1 (0.19)	3.3 (0.18)	6.7 (0.25)	7.3 (0.25)	6.9 (0.25)	6.6 (0.23)
Less than high school completion.....	6.9 (0.79)	5.1 (0.78)	7.2 (1.02)	3.9 (0.91)	6.7 (1.35)	5.2 (1.28)	7.5 (0.90)	6.0 (0.82)	5.3 (0.72)	5.6 (0.77)	12.7 (1.25)	10.1 (0.99)	10.0 (1.02)	11.5 (1.05)
High school completion <sup>2</sup> .....	5.1 (0.76)	2.7 (0.51)	4.5 (0.69)	3.0 (0.59)	3.4 (0.65)	3.1 (0.62)	4.3 (0.39)	2.9 (0.35)	3.7 (0.38)	3.4 (0.35)	7.8 (0.50)	9.3 (0.56)	8.4 (0.58)	7.1 (0.50)
Some college, no bachelor's degree <sup>3</sup> .....	4.1 ! (1.26)	2.0 ! (0.77)	3.0 ! (1.00)	2.2 ! (0.82)	3.2 (0.80)	2.8 (0.70)	3.5 (0.37)	3.1 (0.34)	3.5 (0.39)	3.7 (0.37)	7.0 (0.50)	7.7 (0.52)	7.3 (0.45)	7.1 (0.44)
Bachelor's or higher degree.....	1.5 ! (0.75)	‡ (†)	2.2 ! (0.70)	1.8 ! (0.62)	3.3 (0.79)	1.4 ! (0.46)	2.3 (0.30)	2.0 (0.22)	1.8 (0.22)	2.4 (0.26)	4.3 (0.33)	5.0 (0.34)	4.9 (0.35)	4.8 (0.38)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)

**Table 435. Unemployment rates of males 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	18.9 (2.58)	21.3 (2.71)	16.0 (2.36)	25.2 (1.83)	22.0 (1.63)	20.7 (1.62)	22.3 (1.79)	35.1 (2.08)	35.6 (2.07)	31.2 (2.10)	31.4 (2.05)
Less than high school completion.....	— (†)	— (†)	— (†)	27.9 (4.45)	30.6 (4.60)	17.6 (3.69)	29.9 (2.88)	26.1 (2.92)	25.6 (2.92)	30.7 (2.87)	41.2 (3.89)	44.7 (4.07)	32.0 (4.05)	37.1 (3.82)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	12.1 (2.96)	14.4 (3.38)	15.0 (3.30)	23.4 (2.77)	19.8 (2.08)	18.9 (2.28)	18.9 (2.43)	34.4 (2.46)	33.0 (2.59)	32.7 (2.96)	31.8 (2.68)
At least some college.....	— (†)	— (†)	— (†)	† (†)	† (†)	† (†)	12.7 ! (4.34)	15.4 ! (5.16)	10.2 ! (3.57)	9.1 ! (3.09)	22.4 (5.43)	19.0 (5.64)	21.4 (5.91)	20.2 (5.03)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	— (†)	— (†)	— (†)	8.4 (0.86)	11.1 (0.97)	9.4 (0.94)	11.4 (0.61)	9.9 (0.60)	9.8 (0.61)	11.5 (0.58)	19.8 (0.85)	21.4 (0.88)	19.7 (0.81)	16.6 (0.83)
Less than high school completion.....	— (†)	— (†)	— (†)	16.9 (2.53)	17.4 (2.68)	16.5 (2.61)	16.1 (1.37)	14.5 (1.61)	17.6 (1.87)	18.2 (1.89)	29.2 (2.06)	32.4 (2.20)	27.0 (2.23)	27.8 (2.48)
High school completion <sup>2</sup> .....	— (†)	— (†)	— (†)	7.4 (1.15)	11.6 (1.48)	9.6 (1.45)	12.4 (0.97)	10.7 (0.98)	10.0 (0.89)	13.3 (0.85)	22.7 (1.31)	23.7 (1.25)	22.9 (1.31)	19.0 (1.28)
Some college, no bachelor's degree <sup>3</sup> .....	— (†)	— (†)	— (†)	4.6 ! (1.54)	8.0 (1.65)	4.8 (1.36)	7.8 (1.04)	7.5 (0.96)	7.3 (0.95)	7.1 (0.97)	13.7 (1.39)	16.4 (1.58)	15.2 (1.46)	12.0 (1.23)
Bachelor's or higher degree.....	— (†)	— (†)	— (†)	† (†)	5.6 ! (2.22)	5.5 ! (2.32)	6.8 (1.54)	4.0 ! (1.23)	2.7 ! (0.95)	4.7 (1.19)	10.1 (1.71)	9.8 (1.82)	10.8 (1.82)	6.6 (1.54)
<b>25 to 64 years old, all education levels.....</b>	6.5 (0.26)	4.9 (0.22)	6.1 (0.24)	3.6 (0.19)	5.1 (0.21)	3.3 (0.18)	4.7 (0.14)	4.3 (0.12)	4.3 (0.13)	4.9 (0.13)	9.5 (0.18)	10.5 (0.19)	9.2 (0.18)	8.0 (0.16)
Less than high school completion.....	10.3 (0.59)	8.2 (0.58)	11.2 (0.76)	7.3 (0.68)	10.9 (0.86)	7.1 (0.75)	7.9 (0.44)	7.6 (0.51)	8.4 (0.58)	10.9 (0.60)	16.5 (0.72)	17.8 (0.79)	16.7 (0.70)	13.6 (0.59)
High school completion <sup>2</sup> .....	6.6 (0.43)	5.3 (0.37)	7.2 (0.43)	3.8 (0.32)	5.7 (0.40)	3.9 (0.34)	6.0 (0.25)	5.0 (0.23)	5.5 (0.24)	6.3 (0.24)	12.4 (0.32)	13.8 (0.39)	12.2 (0.38)	10.1 (0.33)
Some college, no bachelor's degree <sup>3</sup> .....	5.0 (0.59)	4.4 (0.49)	4.5 (0.49)	3.0 (0.38)	4.4 (0.39)	3.1 (0.34)	4.3 (0.27)	4.2 (0.25)	3.9 (0.26)	4.2 (0.25)	9.3 (0.31)	10.2 (0.35)	8.7 (0.33)	8.2 (0.34)
Bachelor's or higher degree.....	2.1 (0.34)	1.7 (0.26)	2.4 (0.30)	1.8 (0.25)	2.6 (0.22)	1.6 (0.22)	2.5 (0.19)	2.4 (0.15)	1.9 (0.14)	2.0 (0.15)	4.7 (0.23)	5.1 (0.22)	4.6 (0.20)	4.3 (0.20)
<b>25 to 34 years old, all education levels.....</b>	8.3 (0.50)	6.8 (0.41)	7.3 (0.43)	4.5 (0.35)	5.9 (0.40)	4.2 (0.37)	6.0 (0.27)	5.5 (0.25)	5.3 (0.26)	6.5 (0.28)	11.9 (0.40)	12.6 (0.40)	11.3 (0.38)	10.0 (0.38)
Less than high school completion.....	17.3 (1.65)	13.4 (1.53)	13.9 (1.60)	10.3 (1.36)	12.5 (1.57)	8.8 (1.51)	9.7 (0.84)	8.7 (0.87)	9.9 (1.15)	14.8 (1.18)	19.2 (1.27)	20.7 (1.36)	19.2 (1.30)	14.3 (1.17)
High school completion <sup>2</sup> .....	9.0 (0.85)	8.2 (0.75)	9.5 (0.77)	4.6 (0.55)	6.6 (0.72)	4.9 (0.70)	7.8 (0.52)	6.4 (0.55)	6.4 (0.49)	8.5 (0.64)	16.1 (0.77)	17.8 (0.77)	15.2 (0.74)	13.5 (0.70)
Some college, no bachelor's degree <sup>3</sup> .....	6.6 (1.03)	6.0 (0.81)	4.9 (0.76)	3.6 (0.68)	4.6 (0.70)	3.8 (0.69)	5.6 (0.57)	5.6 (0.49)	4.9 (0.52)	5.0 (0.48)	11.3 (0.68)	11.8 (0.69)	11.2 (0.71)	11.1 (0.75)
Bachelor's or higher degree.....	2.6 (0.57)	2.4 (0.48)	2.8 (0.54)	1.9 (0.46)	2.8 (0.55)	1.8 (0.46)	2.7 (0.36)	2.8 (0.36)	2.4 (0.32)	2.1 (0.30)	5.1 (0.52)	4.8 (0.45)	4.5 (0.47)	4.2 (0.45)
<b>35 to 44 years old, all education levels.....</b>	6.0 (0.50)	4.1 (0.39)	5.7 (0.44)	3.2 (0.32)	4.9 (0.37)	3.4 (0.31)	4.4 (0.20)	4.2 (0.25)	4.0 (0.21)	4.7 (0.24)	9.2 (0.30)	10.1 (0.33)	8.9 (0.32)	7.6 (0.31)
Less than high school completion.....	10.8 (1.24)	8.4 (1.22)	12.3 (1.63)	7.9 (1.46)	11.8 (1.69)	6.3 (1.27)	7.8 (0.76)	8.5 (0.97)	8.8 (0.93)	9.9 (1.05)	16.5 (1.23)	18.4 (1.42)	15.8 (1.34)	13.5 (1.13)
High school completion <sup>2</sup> .....	5.8 (0.80)	4.2 (0.65)	6.5 (0.79)	3.4 (0.56)	5.6 (0.68)	4.2 (0.58)	5.7 (0.46)	5.0 (0.43)	5.5 (0.41)	6.4 (0.45)	12.2 (0.62)	12.9 (0.71)	12.4 (0.66)	9.7 (0.66)
Some college, no bachelor's degree <sup>3</sup> .....	3.3 ! (1.01)	2.9 (0.81)	5.3 (0.96)	2.8 (0.63)	4.8 (0.69)	2.9 (0.56)	4.1 (0.38)	3.8 (0.43)	3.1 (0.42)	4.1 (0.43)	8.3 (0.61)	9.9 (0.63)	7.4 (0.60)	7.4 (0.64)
Bachelor's or higher degree.....	1.9 ! (0.61)	1.3 ! (0.44)	2.2 (0.49)	1.7 (0.41)	2.0 (0.43)	1.7 (0.42)	2.1 (0.27)	1.9 (0.27)	1.4 (0.20)	1.7 (0.24)	4.6 (0.40)	4.6 (0.38)	4.7 (0.39)	4.1 (0.40)
<b>45 to 54 years old, all education levels.....</b>	5.5 (0.48)	3.7 (0.40)	5.4 (0.51)	2.7 (0.36)	4.6 (0.42)	2.5 (0.30)	4.1 (0.25)	3.8 (0.21)	3.9 (0.26)	4.3 (0.23)	8.6 (0.31)	9.9 (0.32)	8.2 (0.30)	7.0 (0.22)
Less than high school completion.....	8.3 (0.97)	6.1 (0.92)	10.9 (1.48)	4.7 (1.12)	9.4 (1.74)	6.9 (1.60)	6.3 (0.81)	5.9 (0.97)	7.9 (0.95)	9.7 (0.97)	14.1 (1.24)	16.8 (1.29)	16.6 (1.15)	13.7 (1.12)
High school completion <sup>2</sup> .....	4.9 (0.76)	3.3 (0.64)	5.5 (0.84)	2.8 (0.61)	5.5 (0.87)	2.4 (0.55)	5.1 (0.51)	4.4 (0.42)	4.9 (0.47)	5.4 (0.47)	10.7 (0.59)	12.6 (0.67)	10.3 (0.56)	8.7 (0.51)
Some college, no bachelor's degree <sup>3</sup> .....	4.4 (1.21)	3.5 ! (1.11)	2.6 ! (0.94)	2.5 ! (0.82)	4.0 (0.79)	2.6 (0.58)	3.8 (0.47)	3.7 (0.39)	3.7 (0.52)	3.9 (0.45)	8.6 (0.64)	9.5 (0.63)	8.1 (0.56)	6.3 (0.49)
Bachelor's or higher degree.....	1.8 ! (0.67)	1.1 ! (0.47)	2.0 ! (0.63)	1.4 ! (0.49)	2.7 (0.55)	1.3 (0.38)	2.7 (0.38)	2.7 (0.31)	1.9 (0.28)	1.9 (0.28)	4.8 (0.43)	5.3 (0.42)	3.9 (0.37)	3.8 (0.34)
<b>55 to 64 years old, all education levels.....</b>	5.5 (0.58)	3.6 (0.46)	4.7 (0.57)	3.3 (0.51)	4.3 (0.59)	3.2 (0.49)	3.9 (0.30)	3.2 (0.28)	3.6 (0.25)	3.4 (0.25)	7.6 (0.36)	8.6 (0.37)	7.9 (0.34)	7.1 (0.33)
Less than high school completion.....	6.9 (0.96)	5.9 (1.01)	7.4 (1.28)	4.6 (1.24)	7.7 (1.84)	5.5 ! (1.67)	6.7 (1.01)	6.4 (1.25)	5.2 (0.99)	5.7 (1.06)	14.8 (1.75)	11.6 (1.48)	13.4 (1.53)	12.1 (1.27)
High school completion <sup>2</sup> .....	5.5 (1.02)	2.8 (0.70)	4.6 (0.96)	3.7 (0.91)	3.6 (0.95)	3.5 (0.93)	5.2 (0.63)	3.6 (0.54)	4.8 (0.59)	4.0 (0.48)	9.4 (0.78)	11.1 (0.88)	10.2 (0.88)	7.7 (0.68)
Some college, no bachelor's degree <sup>3</sup> .....	3.1 ! (1.39)	2.5 ! (1.06)	3.6 ! (1.43)	† (†)	3.7 ! (1.16)	3.4 ! (1.06)	3.3 (0.52)	2.9 (0.43)	4.1 (0.54)	3.5 (0.51)	8.5 (0.80)	9.2 (0.77)	7.5 (0.65)	8.0 (0.70)
Bachelor's or higher degree.....	† (†)	† (†)	2.2 ! (0.80)	2.1 ! (0.78)	3.6 (1.00)	1.7 ! (0.63)	2.6 (0.41)	2.4 (0.33)	2.0 (0.30)	2.4 (0.34)	4.3 (0.47)	5.8 (0.48)	5.3 (0.47)	5.2 (0.55)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.

<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)

**Table 436. Unemployment rates of females 16 to 64 years old, by age group and educational attainment: Selected years, 1975 through 2012**

[Standard errors appear in parentheses]

Age group and educational attainment	1975	1980	1985	1990	1995	2000	2005	2006	2007	2008	2009	2010	2011	2012	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>16 to 19 years old, all education levels<sup>1</sup>.....</b>	<b>—</b>	<b>(†)</b>	<b>—</b>	<b>(†)</b>	<b>14.7 (2.26)</b>	<b>20.6 (2.59)</b>	<b>18.9 (2.44)</b>	<b>19.7 (1.86)</b>	<b>18.6 (1.71)</b>	<b>18.0 (1.76)</b>	<b>18.8 (2.01)</b>	<b>23.8 (2.10)</b>	<b>26.9 (2.14)</b>	<b>25.5 (2.45)</b>	<b>29.6 (2.48)</b>
Less than high school completion.....	—	(†)	—	(†)	23.4 (4.07)	29.7 (4.41)	27.9 (4.20)	31.0 (3.88)	25.3 (3.51)	32.8 (3.63)	30.9 (4.44)	34.9 (4.60)	36.4 (4.75)	40.4 (5.78)	46.2 (5.08)
High school completion <sup>2</sup> .....	—	(†)	—	(†)	11.3 (2.78)	16.0 (3.42)	15.7 (3.25)	14.2 (2.34)	15.0 (2.20)	10.2 (1.87)	15.0 (2.09)	22.2 (2.59)	24.9 (3.03)	23.8 (2.91)	24.5 (3.01)
At least some college.....	—	(†)	—	(†)	‡ (†)	‡ (†)	‡ (†)	18.3 (5.47)	19.7 (4.60)	7.8 ! (3.20)	14.2 ! (5.49)	14.0 (4.16)	17.3 (4.41)	11.8 ! (4.28)	18.7 ! (5.62)
<b>20 to 24 years old, all education levels<sup>1</sup>.....</b>	<b>—</b>	<b>(†)</b>	<b>—</b>	<b>(†)</b>	<b>7.8 (0.81)</b>	<b>10.2 (0.91)</b>	<b>8.9 (0.89)</b>	<b>10.3 (0.73)</b>	<b>8.6 (0.66)</b>	<b>8.6 (0.55)</b>	<b>9.7 (0.63)</b>	<b>13.5 (0.78)</b>	<b>15.6 (0.86)</b>	<b>16.0 (0.75)</b>	<b>14.1 (0.78)</b>
Less than high school completion.....	—	(†)	—	(†)	18.6 (2.54)	24.3 (2.94)	17.0 (2.56)	24.5 (2.79)	18.3 (2.36)	20.6 (2.59)	21.6 (3.02)	28.4 (2.94)	32.2 (3.38)	36.3 (3.46)	27.3 (3.57)
High school completion <sup>2</sup> .....	—	(†)	—	(†)	8.1 (1.15)	12.7 (1.49)	10.6 (1.46)	11.5 (1.14)	9.8 (0.99)	8.4 (0.98)	12.5 (1.17)	16.6 (1.37)	19.9 (1.46)	19.5 (1.43)	17.1 (1.31)
Some college, no bachelor's degree <sup>3</sup> .....	—	(†)	—	(†)	4.9 ! (1.54)	6.7 (1.47)	5.7 (1.43)	6.8 (1.01)	6.6 (1.04)	7.2 (1.08)	6.5 (0.94)	10.5 (1.18)	12.1 (1.33)	12.8 (1.27)	13.4 (1.28)
Bachelor's or higher degree.....	—	(†)	—	(†)	‡ (†)	‡ (†)	4.6 ! (2.06)	4.4 (1.05)	3.9 (0.92)	3.9 (1.00)	4.4 (1.01)	6.1 (1.13)	6.3 (1.29)	7.2 (1.27)	5.6 (1.14)
<b>25 to 64 years old, all education levels.....</b>	<b>7.3 (0.26)</b>	<b>5.0 (0.21)</b>	<b>6.0 (0.23)</b>	<b>3.7 (0.18)</b>	<b>4.4 (0.19)</b>	<b>3.2 (0.17)</b>	<b>4.2 (0.12)</b>	<b>3.8 (0.11)</b>	<b>3.4 (0.10)</b>	<b>4.0 (0.12)</b>	<b>6.6 (0.12)</b>	<b>7.5 (0.15)</b>	<b>7.2 (0.17)</b>	<b>6.8 (0.15)</b>	
Less than high school completion.....	10.8 (0.58)	8.9 (0.58)	11.7 (0.75)	8.3 (0.69)	8.6 (0.75)	9.1 (0.82)	10.9 (0.65)	9.4 (0.59)	8.5 (0.62)	8.5 (0.62)	14.5 (0.72)	15.0 (0.71)	15.2 (0.74)	15.4 (0.83)	
High school completion <sup>2</sup> .....	7.1 (0.43)	5.0 (0.35)	6.5 (0.40)	3.9 (0.31)	4.6 (0.35)	3.6 (0.31)	4.8 (0.23)	4.4 (0.22)	3.8 (0.21)	5.1 (0.27)	7.9 (0.26)	9.8 (0.30)	9.1 (0.36)	8.1 (0.31)	
Some college, no bachelor's degree <sup>3</sup> .....	6.3 (0.64)	4.1 (0.46)	4.8 (0.49)	3.2 (0.38)	4.5 (0.39)	2.9 (0.31)	4.0 (0.22)	3.7 (0.20)	3.6 (0.21)	4.2 (0.21)	6.7 (0.27)	7.5 (0.27)	7.5 (0.27)	7.7 (0.30)	
Bachelor's or higher degree.....	3.1 (0.39)	2.2 (0.29)	2.5 (0.29)	1.6 (0.23)	2.4 (0.26)	1.4 (0.20)	2.2 (0.17)	2.1 (0.15)	1.8 (0.13)	2.1 (0.15)	4.0 (0.19)	4.3 (0.19)	4.3 (0.21)	3.8 (0.19)	
<b>25 to 34 years old, all education levels.....</b>	<b>9.1 (0.51)</b>	<b>6.8 (0.40)</b>	<b>7.3 (0.42)</b>	<b>5.1 (0.36)</b>	<b>5.7 (0.38)</b>	<b>3.9 (0.35)</b>	<b>5.6 (0.27)</b>	<b>5.4 (0.26)</b>	<b>4.4 (0.23)</b>	<b>5.3 (0.29)</b>	<b>8.0 (0.28)</b>	<b>8.7 (0.33)</b>	<b>8.6 (0.33)</b>	<b>8.2 (0.32)</b>	
Less than high school completion.....	17.0 (1.59)	14.2 (1.52)	18.5 (1.74)	15.1 (1.55)	13.7 (1.58)	12.9 (1.73)	15.7 (1.36)	16.0 (1.58)	11.0 (1.40)	12.8 (1.53)	21.5 (1.79)	19.5 (1.52)	20.8 (1.84)	22.0 (1.99)	
High school completion <sup>2</sup> .....	10.0 (0.86)	7.6 (0.70)	8.6 (0.71)	5.7 (0.59)	6.9 (0.71)	4.8 (0.67)	7.6 (0.62)	6.6 (0.53)	5.9 (0.55)	8.7 (0.67)	10.8 (0.67)	12.6 (0.86)	12.9 (0.78)	11.6 (0.82)	
Some college, no bachelor's degree <sup>3</sup> .....	6.9 (1.01)	5.9 (0.78)	6.0 (0.80)	4.0 (0.70)	5.4 (0.73)	3.5 (0.64)	5.1 (0.46)	4.9 (0.46)	4.3 (0.43)	5.1 (0.45)	8.2 (0.56)	9.3 (0.57)	9.0 (0.61)	9.1 (0.59)	
Bachelor's or higher degree.....	3.5 (0.64)	2.6 (0.48)	2.7 (0.51)	2.0 (0.45)	2.6 (0.51)	1.4 (0.39)	2.5 (0.31)	2.7 (0.31)	2.1 (0.31)	2.3 (0.29)	4.1 (0.37)	4.3 (0.35)	4.1 (0.35)	3.9 (0.38)	
<b>35 to 44 years old, all education levels.....</b>	<b>7.1 (0.52)</b>	<b>4.7 (0.40)</b>	<b>5.4 (0.41)</b>	<b>3.5 (0.32)</b>	<b>4.3 (0.33)</b>	<b>3.7 (0.31)</b>	<b>3.9 (0.20)</b>	<b>4.0 (0.21)</b>	<b>3.3 (0.19)</b>	<b>3.8 (0.22)</b>	<b>6.4 (0.25)</b>	<b>8.2 (0.29)</b>	<b>7.4 (0.30)</b>	<b>6.5 (0.29)</b>	
Less than high school completion.....	11.9 (1.25)	10.0 (1.28)	12.7 (1.60)	8.9 (1.50)	8.4 (1.41)	11.3 (1.61)	10.1 (1.02)	8.9 (0.88)	10.3 (1.22)	7.7 (1.03)	13.0 (1.33)	16.7 (1.32)	16.1 (1.51)	15.2 (1.29)	
High school completion <sup>2</sup> .....	5.7 (0.77)	4.1 (0.62)	5.7 (0.73)	4.0 (0.58)	4.5 (0.59)	3.6 (0.53)	4.5 (0.40)	5.2 (0.45)	3.9 (0.38)	5.3 (0.50)	8.4 (0.63)	10.5 (0.67)	9.6 (0.66)	8.3 (0.71)	
Some college, no bachelor's degree <sup>3</sup> .....	6.8 (1.37)	3.3 (0.82)	4.3 (0.85)	2.8 (0.60)	4.7 (0.66)	3.3 (0.58)	3.7 (0.36)	3.7 (0.41)	3.0 (0.33)	3.6 (0.35)	6.2 (0.46)	8.5 (0.51)	7.6 (0.56)	7.4 (0.54)	
Bachelor's or higher degree.....	3.5 (0.81)	2.3 (0.56)	2.2 (0.47)	1.4 (0.35)	2.4 (0.46)	1.8 (0.41)	1.9 (0.26)	2.1 (0.25)	1.6 (0.22)	2.1 (0.24)	3.7 (0.35)	4.5 (0.35)	4.5 (0.41)	3.1 (0.31)	
<b>45 to 54 years old, all education levels.....</b>	<b>6.5 (0.50)</b>	<b>4.1 (0.41)</b>	<b>5.3 (0.49)</b>	<b>2.3 (0.32)</b>	<b>3.1 (0.34)</b>	<b>2.4 (0.28)</b>	<b>3.6 (0.19)</b>	<b>3.0 (0.17)</b>	<b>3.1 (0.20)</b>	<b>3.5 (0.20)</b>	<b>6.1 (0.23)</b>	<b>6.8 (0.27)</b>	<b>6.7 (0.29)</b>	<b>6.5 (0.28)</b>	
Less than high school completion.....	9.0 (0.97)	7.6 (0.98)	9.2 (1.32)	4.7 (1.09)	5.8 (1.34)	5.1 (1.34)	8.2 (1.08)	6.0 (0.90)	6.4 (0.97)	7.3 (1.08)	12.7 (1.38)	13.6 (1.41)	15.8 (1.50)	13.1 (1.49)	
High school completion <sup>2</sup> .....	6.3 (0.82)	3.6 (0.65)	5.4 (0.80)	1.8 (0.47)	2.7 (0.59)	3.0 (0.59)	4.0 (0.39)	3.3 (0.37)	3.0 (0.39)	3.7 (0.41)	6.6 (0.50)	9.0 (0.56)	8.0 (0.62)	6.7 (0.48)	
Some college, no bachelor's degree <sup>3</sup> .....	5.3 (1.28)	2.3 ! (0.88)	4.0 (1.13)	2.7 ! (0.83)	3.7 (0.74)	2.2 (0.52)	3.6 (0.41)	3.1 (0.30)	3.7 (0.41)	4.2 (0.40)	6.5 (0.47)	5.9 (0.43)	6.2 (0.43)	7.5 (0.57)	
Bachelor's or higher degree.....	2.6 ! (0.77)	1.9 ! (0.60)	2.4 (0.67)	1.3 ! (0.45)	2.1 (0.47)	1.3 (0.35)	2.2 (0.33)	1.9 (0.25)	1.8 (0.23)	1.9 (0.24)	3.8 (0.34)	4.3 (0.36)	4.1 (0.40)	4.1 (0.38)	
<b>55 to 64 years old, all education levels.....</b>	<b>5.4 (0.56)</b>	<b>2.5 (0.38)</b>	<b>4.5 (0.54)</b>	<b>2.2 (0.41)</b>	<b>3.3 (0.50)</b>	<b>2.4 (0.42)</b>	<b>3.4 (0.29)</b>	<b>2.6 (0.23)</b>	<b>2.6 (0.24)</b>	<b>3.2 (0.24)</b>	<b>5.6 (0.33)</b>	<b>6.0 (0.32)</b>	<b>5.9 (0.34)</b>	<b>6.0 (0.31)</b>	
Less than high school completion.....	7.3 (0.95)	3.7 (0.78)	6.7 (1.18)	2.9 ! (0.96)	5.3 (1.49)	4.8 ! (1.52)	8.6 (1.51)	5.5 (1.06)	5.3 (1.11)	5.6 (1.10)	9.7 (1.45)	8.0 (1.36)	4.8 (1.05)	10.8 (1.78)	
High school completion <sup>2</sup> .....	4.6 (0.91)	2.6 (0.65)	4.5 (0.92)	2.2 ! (0.68)	3.2 (0.87)	2.8 (0.81)	3.3 (0.46)	2.3 (0.43)	2.8 (0.46)	2.9 (0.45)	6.3 (0.64)	7.5 (0.68)	6.7 (0.65)	6.5 (0.69)	
Some college, no bachelor's degree <sup>3</sup> .....	5.6 ! (1.77)	‡ (†)	2.4 ! (1.14)	2.4 ! (1.10)	2.8 ! (0.98)	2.2 ! (0.84)	3.7 (0.54)	3.2 (0.54)	2.9 (0.52)	3.9 (0.51)	5.5 (0.63)	6.3 (0.65)	7.1 (0.66)	6.3 (0.58)	
Bachelor's or higher degree.....	‡ (†)	‡ (†)	2.3 ! (0.81)	1.3 ! (0.60)	2.6 ! (0.83)	‡ (†)	1.9 (0.39)	1.4 (0.34)	1.6 (0.32)	2.3 (0.36)	4.3 (0.50)	4.1 (0.49)	4.4 (0.52)	4.4 (0.51)	

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Data for 16- to 19-year-olds and 20- to 24-year-olds exclude persons enrolled in school.<sup>2</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.<sup>3</sup>Includes persons with no college degree as well as those with an associate's degree.

NOTE: The unemployment rate is the percentage of persons in the civilian labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The civilian labor force consists of all civilians who are employed or seeking employment.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished annual average data from the Current Population Survey (CPS), selected years, 1975 through 2012. (This table was prepared October 2012.)

**Table 437. Occupation of employed persons 25 years old and over, by highest level of educational attainment and sex: 2011**

[Standard errors appear in parentheses]

Sex and occupation	Total employed (in thousands)		Percentage distribution, by highest level of educational attainment												
			Total	Less than high school completion		High school completion (includes equivalency)		College							
								Some college, no degree		Associate's degree		Bachelor's degree		Master's or higher degree	
1	2	3	4		5		6		7		8		9		
All persons .....	122,507	(233.5)	100.0	8.1	(0.09)	27.6	(0.15)	16.9	(0.12)	10.8	(0.10)	23.1	(0.14)	13.5	(0.11)
Management, professional, and related.....	49,645	(220.0)	100.0	1.3	(0.06)	11.0	(0.16)	11.7	(0.17)	10.5	(0.16)	36.3	(0.25)	29.1	(0.24)
Management, business, and financial operations .....	20,756	(156.9)	100.0	2.3	(0.12)	16.2	(0.30)	15.1	(0.29)	8.7	(0.23)	38.1	(0.39)	19.5	(0.32)
Professional and related .....	28,889	(180.4)	100.0	0.6	(0.05)	7.3	(0.18)	9.2	(0.20)	11.9	(0.22)	35.0	(0.32)	36.0	(0.33)
Education, training, and library .....	7,948	(100.8)	100.0	0.5	(0.09)	6.9	(0.33)	6.8	(0.33)	5.4	(0.29)	34.5	(0.62)	45.9	(0.65)
Preschool and kindergarten teachers.....	609	(28.5)	100.0	†	(†)	10.8	(1.46)	17.2	(1.77)	15.4	(1.69)	38.6	(2.28)	17.4	(1.78)
Elementary and middle school teachers .....	2,717	(59.8)	100.0	†	(†)	2.6	(0.35)	2.2	(0.33)	2.0	(0.31)	44.6	(1.10)	48.4	(1.11)
Secondary school teachers .....	1,087	(38.0)	100.0	†	(†)	1.4	(0.41)	2.0	(0.49)	1.6	(0.44)	41.3	(1.73)	53.5	(1.75)
Special education teachers .....	375	(22.4)	100.0	†	(†)	1.6	(0.75)	4.0	(1.17)	2.1	(0.86)	35.7	(2.86)	56.5	(2.96)
Postsecondary teachers .....	1,264	(41.0)	100.0	†	(†)	1.3	(0.36)	2.3	(0.49)	2.4	(0.49)	13.2	(1.10)	80.6	(1.29)
Other education, training, and library workers.....	1,896	(50.1)	100.0	1.1	(0.28)	19.8	(1.06)	16.5	(0.99)	11.8	(0.86)	28.6	(1.20)	22.0	(1.10)
Service occupations.....	19,170	(151.5)	100.0	16.8	(0.31)	37.7	(0.40)	20.0	(0.33)	11.4	(0.27)	11.8	(0.27)	2.3	(0.13)
Sales and office occupations .....	27,613	(177.1)	100.0	4.6	(0.15)	32.8	(0.33)	23.9	(0.30)	11.9	(0.23)	22.3	(0.29)	4.4	(0.14)
Natural resources, construction, and maintenance.....	11,585	(120.4)	100.0	19.9	(0.43)	44.0	(0.53)	17.0	(0.40)	11.0	(0.34)	6.9	(0.27)	1.3	(0.12)
Production, transportation, and material moving .....	14,494	(133.6)	100.0	17.4	(0.36)	48.1	(0.48)	17.2	(0.36)	8.2	(0.26)	7.5	(0.25)	1.5	(0.12)
Males.....	65,356	(157.6)	100.0	9.8	(0.13)	29.2	(0.20)	16.4	(0.16)	9.2	(0.13)	22.4	(0.19)	13.0	(0.15)
Management, professional, and related.....	24,265	(152.2)	100.0	1.7	(0.10)	11.3	(0.23)	11.8	(0.24)	8.1	(0.20)	36.7	(0.35)	30.3	(0.34)
Management, business, and financial operations .....	11,838	(115.6)	100.0	2.8	(0.17)	16.6	(0.39)	14.5	(0.37)	7.5	(0.28)	38.2	(0.51)	20.3	(0.42)
Professional and related .....	12,427	(118.0)	100.0	0.7	(0.08)	6.2	(0.25)	9.2	(0.30)	8.7	(0.29)	35.3	(0.49)	39.9	(0.50)
Education, training, and library .....	2,103	(51.6)	100.0	0.4	(0.16)	3.3	(0.44)	4.0	(0.49)	3.3	(0.44)	32.1	(1.16)	56.7	(1.23)
Service occupations.....	8,396	(99.4)	100.0	17.0	(0.47)	35.6	(0.59)	20.4	(0.50)	10.6	(0.38)	13.8	(0.43)	2.6	(0.20)
Sales and office occupations .....	10,286	(108.8)	100.0	4.8	(0.24)	28.8	(0.51)	22.1	(0.47)	9.7	(0.33)	28.8	(0.51)	5.9	(0.26)
Natural resources, construction, and maintenance.....	11,117	(112.5)	100.0	19.7	(0.43)	44.4	(0.54)	17.0	(0.41)	11.0	(0.34)	6.7	(0.27)	1.2	(0.12)
Production, transportation, and material moving .....	11,292	(113.3)	100.0	16.4	(0.40)	48.1	(0.53)	17.8	(0.41)	8.4	(0.30)	7.6	(0.28)	1.6	(0.13)
Females .....	57,151	(161.3)	100.0	6.3	(0.11)	25.8	(0.20)	17.4	(0.17)	12.5	(0.15)	24.0	(0.20)	14.0	(0.16)
Management, professional, and related.....	25,380	(149.1)	100.0	0.9	(0.07)	10.7	(0.21)	11.6	(0.22)	12.9	(0.23)	35.9	(0.33)	28.0	(0.31)
Management, business, and financial operations .....	8,918	(98.8)	100.0	1.7	(0.15)	15.7	(0.42)	16.0	(0.43)	10.2	(0.35)	37.9	(0.57)	18.5	(0.45)
Professional and related .....	16,463	(127.9)	100.0	0.5	(0.06)	8.0	(0.23)	9.2	(0.25)	14.3	(0.30)	34.8	(0.41)	33.1	(0.40)
Education, training, and library .....	5,845	(81.4)	100.0	0.5	(0.10)	8.2	(0.40)	7.8	(0.39)	6.1	(0.35)	35.3	(0.69)	42.1	(0.71)
Service occupations.....	10,775	(107.3)	100.0	16.6	(0.39)	39.4	(0.52)	19.7	(0.42)	12.0	(0.34)	10.2	(0.32)	2.1	(0.15)
Sales and office occupations .....	17,326	(130.5)	100.0	4.5	(0.17)	35.1	(0.40)	25.1	(0.36)	13.3	(0.28)	18.5	(0.32)	3.5	(0.15)
Natural resources, construction, and maintenance.....	468	(23.8)	100.0	23.1	(2.14)	35.9	(2.44)	17.3	(1.93)	10.0	(1.53)	10.9	(1.59)	2.8	(0.84)
Production, transportation, and material moving .....	3,202	(61.2)	100.0	21.0	(0.79)	48.1	(0.97)	15.1	(0.70)	7.6	(0.51)	7.0	(0.50)	1.3	(0.22)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished 2011 annual average data from the Current Population Survey (CPS). (This table was prepared May 2012.)

**Table 438. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2011**

[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>				
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
Current dollars											
<b>Males</b>											
1990.....	\$30,730	(—)	\$17,390	(—)	\$20,900	(—)	\$26,650	(—)	\$31,730	(—)	(+)
1991.....	31,610	(17,620)	17,620	(21,400)	26,780	(31,660)	33,820	(45,140)	40,910	(49,730)	(+)
1992.....	32,060	(120)	17,290	(21,270)	27,280	(175)	32,100	(33,430)	45,800	(304)	49,970
1993.....	32,360	(124)	16,860	(21,750)	27,370	(204)	32,080	(33,690)	47,740	(536)	51,870
1994.....	33,440	(246)	17,530	(453)	22,050	(319)	28,040	(322)	32,280	(300)	35,790
1995.....	34,550	(275)	18,350	(545)	22,190	(342)	29,510	(358)	33,880	(517)	35,200
1996.....	35,620	(150)	17,960	(594)	22,720	(414)	30,710	(184)	34,850	(456)	37,130
1997.....	36,680	(149)	19,290	(629)	24,730	(466)	31,220	(171)	35,950	(293)	38,020
1998.....	37,910	(291)	19,380	(600)	23,960	(547)	31,480	(169)	36,930	(291)	40,270
1999.....	40,330	(144)	20,430	(444)	25,040	(535)	33,180	(388)	39,220	(581)	41,640
2000.....	41,060	(156)	20,790	(376)	25,100	(436)	34,300	(457)	40,340	(312)	41,950
2001.....	41,620	(104)	21,360	(235)	26,210	(251)	34,720	(299)	41,050	(214)	42,780
2002.....	41,150	(100)	20,920	(213)	25,900	(207)	33,210	(311)	40,850	(195)	42,860
2003.....	41,940	(90)	21,220	(227)	26,470	(280)	35,410	(168)	41,350	(182)	42,870
2004.....	42,090	(89)	21,660	(191)	26,280	(234)	35,730	(148)	41,900	(175)	44,400
2005.....	43,320	(367)	22,330	(220)	27,190	(237)	36,300	(141)	42,420	(323)	47,180
2006.....	45,760	(134)	22,710	(398)	27,650	(573)	37,030	(164)	43,830	(812)	47,070
2007.....	47,000	(130)	23,380	(544)	29,320	(590)	37,860	(406)	44,900	(585)	49,040
2008.....	49,000	(339)	24,260	(631)	29,680	(458)	39,010	(399)	45,820	(276)	50,150
2009.....	49,990	(201)	23,950	(394)	28,020	(542)	39,480	(379)	47,100	(347)	50,300
2010.....	50,360	(93)	24,450	(597)	29,440	(684)	40,060	(237)	46,430	(348)	50,280
2011.....	50,660	(25)	25,220	(23)	30,420	(300)	40,450	(87)	47,070	(78)	50,930
<b>Females</b>											
1990.....	21,370	(—)	12,250	(—)	14,430	(—)	18,320	(—)	22,230	(—)	(+)
1991.....	22,040	(12,070)	12,070	(14,460)	18,840	(22,140)	25,000	(31,310)	28,020	(29,080)	(+)
1992.....	23,140	(159)	12,960	(14,560)	19,430	(176)	23,160	(25,620)	30,330	(294)	34,950
1993.....	23,630	(166)	12,420	(15,390)	19,960	(173)	23,060	(25,880)	34,310	(310)	38,610
1994.....	24,400	(165)	12,430	(427)	15,130	(328)	20,370	(158)	23,510	(327)	25,940
1995.....	24,880	(160)	13,580	(490)	15,830	(293)	20,460	(162)	24,000	(274)	27,310
1996.....	25,810	(131)	14,410	(559)	16,950	(333)	21,180	(143)	25,170	(267)	28,080
1997.....	26,970	(134)	14,160	(492)	16,700	(335)	22,070	(148)	26,340	(291)	28,810
1998.....	27,960	(199)	14,470	(429)	16,480	(322)	22,780	(254)	27,420	(271)	29,920
1999.....	28,840	(216)	15,100	(492)	17,020	(298)	23,060	(279)	27,760	(369)	30,920
2000.....	30,330	(138)	15,800	(327)	17,920	(434)	24,970	(236)	28,700	(364)	31,070
2001.....	31,360	(91)	16,690	(255)	19,160	(359)	25,300	(132)	30,420	(186)	32,150
2002.....	31,010	(83)	16,510	(297)	19,310	(360)	25,180	(121)	29,400	(299)	31,630
2003.....	31,570	(85)	16,910	(256)	18,940	(327)	26,070	(118)	30,140	(176)	32,250
2004.....	31,990	(80)	17,020	(241)	19,160	(319)	26,030	(116)	30,820	(135)	33,480
2005.....	33,080	(242)	16,140	(250)	20,130	(274)	26,290	(134)	31,400	(165)	33,940
2006.....	35,100	(113)	18,130	(408)	20,130	(270)	26,740	(136)	31,950	(165)	35,160
2007.....	36,090	(105)	18,260	(461)	20,400	(292)	27,240	(133)	32,840	(415)	36,330
2008.....	36,700	(109)	18,630	(494)	20,410	(295)	28,380	(283)	32,630	(355)	36,760
2009.....	37,260	(107)	18,480	(451)	21,230	(301)	29,150	(273)	34,090	(483)	37,270
2010.....	38,290	(272)	18,240	(592)	20,880	(334)	29,860	(260)	33,400	(410)	37,770
2011.....	38,910	(216)	20,100	(250)	21,110	(131)	30,010	(145)	34,590	(512)	39,290

See notes at end of table.

**Table 438. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2011—Continued**  
[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>				
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
Constant 2011 dollars <sup>7</sup>											
<b>Males</b>											
1990.....	\$52,890	(—)	\$29,940	(—)	\$35,970	(—)	\$45,870	(—)	\$54,620	(—)	(+)
1991.....	52,210	(—)	29,110	(—)	35,350	(—)	44,230	(—)	52,290	(—)	(+)
1992.....	51,400	(192)	27,730	(—)	34,110	(—)	43,740	(281)	51,470	(—)	(—)
1993.....	50,370	(193)	26,250	(—)	33,860	(—)	42,610	(318)	49,930	(—)	(—)
1994.....	50,760	(373)	26,610	(688)	33,460	(469)	42,550	(489)	48,990	(455)	(—)
1995.....	51,000	(406)	27,090	(804)	32,740	(489)	43,560	(528)	50,010	(763)	(—)
1996.....	51,070	(215)	25,750	(852)	32,570	(575)	44,030	(264)	49,960	(654)	(—)
1997.....	51,400	(209)	27,040	(882)	34,650	(633)	43,750	(240)	50,380	(411)	(—)
1998.....	52,310	(402)	26,740	(828)	33,060	(732)	43,440	(233)	50,970	(402)	(—)
1999.....	54,460	(194)	27,580	(599)	33,800	(700)	44,800	(524)	52,960	(784)	(—)
2000.....	53,630	(204)	27,160	(491)	32,780	(552)	44,810	(597)	52,690	(408)	(—)
2001.....	52,860	(132)	27,130	(298)	33,290	(309)	44,100	(380)	52,130	(272)	(—)
2002.....	51,450	(125)	26,160	(266)	32,390	(251)	41,520	(389)	51,080	(244)	(—)
2003.....	51,270	(110)	25,940	(278)	32,360	(332)	43,290	(205)	50,550	(222)	(—)
2004.....	50,110	(106)	25,790	(227)	31,290	(270)	42,540	(176)	49,890	(208)	(—)
2005.....	49,890	(423)	25,720	(253)	31,320	(265)	41,810	(162)	48,860	(372)	(—)
2006.....	51,060	(150)	25,340	(444)	30,850	(620)	41,320	(183)	48,910	(906)	(—)
2007.....	50,990	(141)	25,360	(590)	31,810	(620)	41,070	(440)	48,710	(635)	(—)
2008.....	51,190	(354)	25,340	(659)	31,010	(464)	40,750	(417)	47,870	(288)	(—)
2009.....	52,420	(211)	25,110	(413)	29,380	(551)	41,390	(397)	49,380	(364)	(—)
2010.....	51,950	(96)	25,220	(616)	30,360	(684)	41,320	(244)	47,900	(359)	(—)
2011.....	50,660	(25)	25,220	(23)	30,420	(300)	40,450	(87)	47,070	(78)	(—)
<b>Females</b>											
1990.....	36,780	(—)	21,080	(—)	24,830	(—)	31,530	(—)	38,250	(—)	(+)
1991.....	36,400	(—)	19,930	(—)	23,870	(—)	31,110	(—)	36,570	(—)	(+)
1992.....	37,100	(255)	20,780	(—)	23,340	(—)	31,150	(282)	37,130	(—)	(—)
1993.....	36,780	(258)	19,330	(—)	23,950	(—)	31,080	(269)	35,890	(—)	(—)
1994.....	37,030	(250)	18,870	(648)	22,970	(498)	30,920	(240)	35,690	(496)	(—)
1995.....	36,710	(236)	20,040	(723)	23,360	(432)	30,200	(239)	35,420	(404)	(—)
1996.....	37,000	(188)	20,660	(801)	24,300	(477)	30,360	(205)	36,080	(383)	(—)
1997.....	37,800	(188)	19,850	(690)	23,400	(469)	30,930	(207)	36,910	(408)	(—)
1998.....	38,580	(275)	19,960	(592)	22,750	(444)	31,440	(351)	37,840	(374)	(—)
1999.....	38,940	(292)	20,380	(664)	22,970	(402)	31,140	(377)	37,480	(498)	(—)
2000.....	39,620	(180)	20,640	(427)	23,410	(567)	32,620	(308)	37,490	(475)	(—)
2001.....	39,830	(116)	21,200	(324)	24,330	(456)	32,140	(168)	38,630	(236)	(—)
2002.....	38,770	(104)	20,640	(371)	24,140	(450)	31,490	(151)	36,760	(374)	(—)
2003.....	38,590	(104)	20,670	(313)	23,150	(400)	31,880	(144)	36,850	(215)	(—)
2004.....	38,090	(95)	20,270	(287)	22,820	(380)	30,990	(138)	36,700	(161)	(—)
2005.....	38,090	(279)	18,590	(288)	23,180	(316)	30,280	(154)	36,160	(190)	(—)
2006.....	39,160	(126)	20,230	(455)	22,460	(301)	29,830	(152)	35,650	(184)	(—)
2007.....	39,150	(114)	19,810	(500)	22,130	(317)	29,550	(144)	35,620	(450)	(—)
2008.....	38,340	(114)	19,470	(516)	21,320	(308)	29,650	(296)	34,090	(371)	(—)
2009.....	39,070	(112)	19,380	(473)	22,260	(316)	30,560	(286)	35,740	(506)	(—)
2010.....	39,500	(281)	18,810	(611)	21,540	(345)	30,800	(268)	34,460	(423)	(—)
2011.....	38,910	(216)	20,100	(250)	21,110	(131)	30,010	(145)	34,590	(512)	(—)

See notes at end of table.

**Table 438. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2011—Continued**  
[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>				
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
Number of persons with earnings who worked full time, year round (in thousands)											
<b>Males</b>											
1990.....	44,406 (268.6)	2,250 (73.9)	3,315 (89.3)	16,394 (188.0)	9,113 (144.6)	[6] (†)	13,334 (171.8)	7,569 (132.6)	[6] (†)	[6] (†)	[6] (†)
1991.....	44,199 (268.3)	1,807 (66.3)	3,083 (86.2)	15,025 (181.1)	8,034 (136.4)	2,899 (83.6)	13,350 (171.9)	8,456 (139.7)	3,073 (86.1)	1,147 (53.0)	674 (40.7)
1992.....	44,752 (269.1)	1,815 (66.5)	3,009 (85.2)	14,722 (179.5)	8,067 (136.6)	3,203 (87.8)	13,937 (175.2)	8,719 (141.7)	3,178 (87.5)	1,295 (56.3)	745 (42.8)
1993.....	45,873 (270.6)	1,790 (66.0)	3,083 (86.2)	14,604 (178.9)	8,493 (140.0)	3,557 (92.4)	14,346 (177.5)	9,178 (145.1)	3,131 (86.8)	1,231 (54.9)	808 (44.5)
1994.....	47,566 (303.0)	1,895 (69.2)	3,057 (87.6)	15,109 (188.5)	8,783 (146.2)	3,735 (96.6)	14,987 (187.8)	9,636 (152.8)	3,225 (89.9)	1,258 (56.4)	868 (46.9)
1995.....	48,500 (306.1)	1,946 (72.8)	3,335 (94.9)	15,331 (195.6)	8,908 (152.3)	3,926 (102.8)	15,054 (194.0)	9,597 (157.8)	3,395 (95.7)	1,208 (57.5)	853 (48.4)
1996.....	49,764 (301.1)	2,041 (69.2)	3,441 (89.6)	15,840 (186.5)	9,173 (144.2)	3,931 (95.6)	15,339 (183.7)	9,898 (149.6)	3,272 (87.4)	1,277 (54.8)	893 (45.9)
1997.....	50,807 (299.0)	1,914 (67.0)	3,548 (90.9)	16,225 (187.8)	9,170 (143.9)	4,086 (97.4)	15,864 (185.9)	10,349 (152.4)	3,228 (86.7)	1,321 (55.8)	966 (47.7)
1998.....	52,381 (306.4)	1,870 (66.3)	3,613 (91.7)	16,442 (189.7)	9,375 (145.7)	4,347 (100.4)	16,733 (191.2)	11,058 (157.6)	3,414 (89.2)	1,264 (54.6)	998 (48.5)
1999.....	53,062 (307.8)	1,993 (68.4)	3,295 (87.7)	16,589 (190.5)	9,684 (148.0)	4,359 (100.6)	17,142 (193.3)	11,142 (158.2)	3,725 (93.1)	1,267 (54.6)	1,008 (48.8)
2000.....	54,065 (309.7)	1,968 (68.0)	3,354 (88.4)	16,834 (191.7)	9,792 (148.8)	4,729 (104.7)	17,387 (194.6)	11,395 (159.9)	3,680 (92.6)	1,274 (54.8)	1,038 (49.5)
2001.....	54,013 (224.8)	2,207 (51.4)	3,503 (64.5)	16,314 (135.4)	9,494 (104.9)	4,714 (74.7)	17,780 (140.9)	11,479 (114.8)	3,961 (68.5)	1,298 (39.5)	1,041 (35.4)
2002.....	54,108 (225.0)	2,154 (50.7)	3,680 (66.1)	16,005 (134.2)	9,603 (105.5)	4,399 (72.2)	18,267 (142.7)	11,829 (116.5)	4,065 (69.4)	1,308 (39.6)	1,065 (35.8)
2003.....	54,253 (225.2)	2,209 (51.4)	3,369 (63.3)	16,285 (135.3)	9,340 (104.1)	4,696 (74.5)	18,354 (143.0)	11,846 (116.6)	4,124 (69.9)	1,348 (40.2)	1,037 (35.3)
2004.....	55,469 (227.0)	2,427 (53.8)	3,468 (64.2)	17,067 (138.3)	9,257 (103.6)	4,913 (76.2)	18,338 (142.9)	11,701 (115.9)	4,243 (70.9)	1,305 (39.6)	1,088 (36.1)
2005.....	56,717 (228.7)	2,425 (53.8)	3,652 (65.9)	17,266 (139.0)	9,532 (105.1)	5,022 (77.0)	18,820 (144.7)	12,032 (117.4)	4,275 (71.2)	1,369 (40.5)	1,144 (37.1)
2006.....	58,109 (230.6)	2,361 (53.1)	3,872 (67.8)	17,369 (139.4)	9,493 (104.9)	5,110 (77.7)	19,903 (148.4)	12,764 (120.7)	4,542 (73.3)	1,425 (41.3)	1,172 (37.5)
2007.....	58,147 (230.7)	2,142 (50.6)	3,451 (64.0)	17,224 (138.9)	9,867 (106.8)	5,244 (78.7)	20,218 (149.5)	12,962 (121.6)	4,800 (75.3)	1,332 (40.0)	1,125 (36.7)
2008.....	55,655 (227.2)	1,982 (48.7)	3,118 (60.9)	16,195 (135.0)	9,515 (105.0)	5,020 (77.0)	19,825 (148.1)	12,609 (120.0)	4,709 (74.6)	1,388 (40.8)	1,119 (36.7)
2009.....	52,445 (222.5)	1,561 (43.2)	2,795 (57.7)	15,258 (131.3)	8,609 (100.1)	4,828 (75.5)	19,395 (146.7)	12,290 (118.6)	4,575 (73.6)	1,319 (39.8)	1,212 (38.1)
2010.....	52,890 (223.2)	1,600 (43.8)	2,615 (55.9)	15,104 (130.7)	8,541 (99.7)	5,042 (77.2)	19,990 (148.7)	12,836 (121.1)	4,670 (74.3)	1,237 (38.5)	1,246 (38.7)
2011.....	54,279 (225.2)	1,848 (47.0)	2,715 (56.9)	15,335 (131.6)	8,752 (100.9)	5,206 (78.4)	20,423 (150.1)	13,013 (121.8)	4,839 (75.6)	1,300 (39.5)	1,271 (39.0)
<b>Females</b>											
1990.....	28,636 (234.7)	847 (45.6)	1,861 (67.3)	11,810 (162.8)	6,462 (123.1)	[6] (†)	7,655 (133.3)	4,704 (105.8)	[6] (†)	[6] (†)	[6] (†)
1991.....	29,474 (237.1)	733 (42.4)	1,819 (66.5)	10,959 (157.4)	5,633 (115.3)	2,523 (78.1)	7,807 (134.6)	5,263 (111.6)	2,025 (70.1)	312 (27.7)	206 (22.5)
1992.....	30,346 (239.6)	734 (42.4)	1,659 (63.6)	11,039 (157.9)	5,904 (117.9)	2,655 (80.1)	8,355 (138.9)	5,604 (115.0)	2,192 (72.9)	334 (28.7)	225 (23.5)
1993.....	30,683 (240.5)	765 (43.3)	1,576 (62.0)	10,513 (154.4)	6,279 (121.4)	3,067 (86.0)	8,483 (139.9)	5,735 (116.3)	2,166 (72.5)	323 (28.2)	260 (25.3)
1994.....	31,379 (259.2)	696 (42.0)	1,675 (65.1)	10,785 (161.2)	6,256 (124.2)	3,210 (89.7)	8,756 (146.0)	5,901 (120.8)	2,174 (74.0)	398 (31.8)	283 (26.8)
1995.....	32,673 (268.2)	774 (46.1)	1,763 (69.3)	11,064 (168.6)	6,329 (129.5)	3,336 (94.9)	9,406 (156.3)	6,434 (130.5)	2,268 (78.5)	421 (34.0)	283 (27.9)
1996.....	33,549 (259.0)	750 (42.1)	1,751 (64.1)	11,363 (159.7)	6,582 (122.9)	3,468 (89.9)	9,636 (147.7)	6,689 (123.9)	2,213 (72.0)	413 (31.2)	322 (27.6)
1997.....	34,624 (260.1)	791 (43.2)	1,765 (64.4)	11,475 (160.0)	6,628 (123.2)	3,538 (90.7)	10,427 (153.0)	7,173 (128.0)	2,448 (75.7)	488 (34.0)	318 (27.4)
1998.....	35,628 (265.4)	814 (43.8)	1,878 (66.4)	11,613 (161.3)	7,070 (127.3)	3,527 (90.7)	10,725 (155.4)	7,288 (129.2)	2,639 (78.6)	468 (33.3)	329 (27.9)
1999.....	37,091 (269.7)	886 (45.7)	1,883 (66.5)	11,824 (162.7)	7,453 (130.6)	3,804 (94.1)	11,242 (158.9)	7,607 (131.9)	2,818 (81.2)	470 (33.3)	346 (28.6)
2000.....	37,762 (271.6)	930 (46.8)	1,950 (67.7)	11,789 (162.5)	7,391 (130.0)	4,118 (97.8)	11,584 (161.1)	7,899 (134.3)	2,823 (81.2)	509 (34.7)	353 (28.9)
2001.....	38,228 (197.0)	927 (33.4)	1,869 (47.3)	11,690 (115.8)	7,283 (92.3)	4,190 (70.5)	12,269 (118.5)	8,257 (98.1)	3,089 (60.6)	531 (25.3)	392 (21.7)
2002.....	38,510 (197.6)	858 (32.1)	1,841 (46.9)	11,687 (115.8)	7,354 (92.7)	4,285 (71.2)	12,484 (119.5)	8,229 (97.9)	3,281 (62.5)	572 (26.2)	402 (22.0)
2003.....	38,681 (197.9)	882 (32.6)	1,739 (45.6)	11,587 (115.3)	7,341 (92.6)	4,397 (72.2)	12,735 (120.6)	8,330 (98.5)	3,376 (63.4)	567 (26.1)	462 (23.6)
2004.....	39,072 (198.7)	917 (33.2)	1,797 (46.4)	11,392 (114.4)	7,330 (92.6)	4,505 (73.0)	13,131 (122.4)	8,664 (100.4)	3,451 (64.0)	564 (26.0)	452 (23.3)
2005.....	40,021 (200.6)	902 (32.9)	1,740 (45.6)	11,419 (114.5)	7,452 (93.3)	4,751 (74.9)	13,758 (125.1)	9,074 (102.6)	3,591 (65.3)	657 (28.1)	437 (22.9)
2006.....	41,311 (203.2)	934 (33.5)	1,802 (46.4)	11,652 (115.6)	7,613 (94.3)	4,760 (75.0)	14,549 (128.4)	9,645 (105.7)	3,746 (66.7)	662 (28.2)	497 (24.5)
2007.....	42,196 (204.9)	823 (31.5)	1,649 (44.4)	11,447 (114.7)	7,916 (96.1)	4,891 (76.0)	15,469 (132.1)	9,931 (107.2)	4,389 (72.1)	666 (28.3)	484 (24.1)
2008.....	40,979 (202.5)	814 (31.3)	1,568 (43.3)	10,851 (111.8)	7,456 (93.3)	4,955 (76.5)	15,335 (131.6)	9,856 (106.8)	4,176 (70.3)	753 (30.1)	550 (25.7)
2009.....	40,376 (201.4)	776 (30.5)	1,519 (42.7)	10,467 (109.9)	7,164 (91.6)	4,924 (76.3)	15,526 (132.4)	10,066 (107.9)	4,261 (71.0)	606 (27.0)	592 (26.7)
2010.....	40,196 (201.0)	732 (29.7)	1,371 (40.5)	10,117 (108.1)	7,150 (91.5)	4,999 (76.8)	15,826 (133.5)	9,903 (107.0)	4,576 (73.6)	622 (27.4)	725 (29.5)
2011.....	40,885 (202.4)	779 (30.6)	1,380 (40.7)	10,040 (107.7)	6,989 (90.5)	5,131 (77.8)	16,566 (136.4)	10,537 (110.2)	4,700 (74.6)	635 (27.6)	694 (28.9)

See notes at end of table.

**Table 438. Median annual earnings of full-time year-round workers 25 years old and over, by highest level of educational attainment and sex: 1990 through 2011—Continued**  
[Standard errors appear in parentheses]

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	Some high school, no completion <sup>1</sup>	High school completion (includes equivalency) <sup>2</sup>	Some college, no degree <sup>3</sup>	Associate's degree	Bachelor's or higher degree <sup>4</sup>				
							Total	Bachelor's degree <sup>5</sup>	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10	11	12
	Percent of persons with earnings who worked full time, year round										
Males											
1990.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1991.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1992.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1993.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1994.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1995.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1996.....	78.2 (0.25)	64.5 (1.31)	66.9 (1.01)	77.2 (0.45)	78.8 (0.58)	83.8 (0.83)	82.9 (0.43)	83.2 (0.53)	80.6 (0.95)	85.4 (1.40)	85.1 (1.69)
1997.....	81.6 (0.24)	63.9 (1.35)	69.5 (0.99)	78.7 (0.44)	79.5 (0.58)	81.7 (0.84)	83.3 (0.42)	83.9 (0.51)	80.8 (0.96)	85.4 (1.38)	83.4 (1.68)
1998.....	81.0 (0.24)	66.8 (1.37)	73.5 (0.97)	80.3 (0.43)	81.0 (0.56)	85.3 (0.76)	84.6 (0.39)	85.9 (0.47)	81.6 (0.92)	86.0 (1.39)	80.0 (1.74)
1999.....	81.1 (0.24)	70.3 (1.32)	71.5 (1.02)	80.3 (0.43)	81.3 (0.55)	84.2 (0.78)	84.7 (0.39)	85.3 (0.48)	83.5 (0.86)	85.6 (1.40)	81.8 (1.69)
2000.....	81.7 (0.23)	69.2 (1.33)	71.8 (1.01)	80.9 (0.42)	82.2 (0.54)	86.6 (0.71)	84.8 (0.39)	85.6 (0.47)	82.8 (0.87)	85.8 (1.39)	82.5 (1.65)
2001.....	80.1 (0.17)	69.7 (0.90)	70.9 (0.71)	79.4 (0.31)	80.2 (0.40)	84.1 (0.54)	83.3 (0.28)	83.6 (0.35)	82.4 (0.60)	84.6 (1.01)	82.2 (1.18)
2002.....	79.4 (0.17)	70.1 (0.91)	71.3 (0.69)	77.8 (0.32)	78.8 (0.41)	81.4 (0.58)	83.9 (0.27)	84.4 (0.34)	82.2 (0.60)	85.7 (0.99)	82.8 (1.16)
2003.....	79.5 (0.17)	71.5 (0.89)	70.1 (0.73)	78.7 (0.31)	78.8 (0.41)	82.1 (0.56)	83.1 (0.28)	84.0 (0.34)	81.1 (0.60)	84.4 (1.00)	80.3 (1.22)
2004.....	80.0 (0.17)	74.7 (0.84)	71.2 (0.71)	79.1 (0.30)	79.3 (0.41)	83.6 (0.53)	83.0 (0.28)	83.1 (0.35)	83.1 (0.58)	83.3 (1.03)	81.7 (1.16)
2005.....	80.3 (0.16)	74.0 (0.84)	73.8 (0.69)	79.5 (0.30)	80.0 (0.40)	82.5 (0.54)	82.9 (0.27)	83.0 (0.34)	82.7 (0.58)	83.7 (1.00)	82.4 (1.12)
2006.....	81.1 (0.16)	73.6 (0.85)	72.9 (0.67)	79.6 (0.30)	80.1 (0.40)	85.3 (0.50)	84.7 (0.26)	85.2 (0.32)	83.5 (0.55)	85.9 (0.94)	83.4 (1.09)
2007.....	80.5 (0.16)	71.1 (0.91)	70.8 (0.72)	79.4 (0.30)	79.5 (0.40)	83.3 (0.52)	84.5 (0.26)	85.1 (0.32)	83.5 (0.54)	83.1 (1.03)	83.5 (1.11)
2008.....	77.0 (0.17)	66.3 (0.95)	64.6 (0.76)	74.6 (0.32)	76.5 (0.42)	79.4 (0.56)	82.6 (0.27)	83.2 (0.33)	80.9 (0.57)	82.4 (1.02)	83.1 (1.12)
2009.....	73.9 (0.18)	56.2 (1.03)	61.8 (0.79)	70.1 (0.34)	73.4 (0.45)	77.9 (0.58)	80.8 (0.28)	79.9 (0.35)	82.0 (0.56)	85.1 (0.99)	81.2 (1.11)
2010.....	74.8 (0.18)	58.8 (1.04)	61.6 (0.82)	71.9 (0.34)	72.9 (0.45)	78.2 (0.56)	81.4 (0.27)	81.8 (0.34)	80.0 (0.58)	81.4 (1.10)	82.2 (1.08)
2011.....	76.6 (0.17)	67.2 (0.98)	64.2 (0.81)	74.2 (0.33)	75.2 (0.44)	78.0 (0.56)	82.0 (0.27)	82.1 (0.33)	82.3 (0.55)	81.6 (1.07)	81.0 (1.09)
Females											
1990.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1991.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1992.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1993.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1994.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1995.....	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—
1996.....	60.7 (0.32)	47.9 (1.94)	49.4 (1.29)	60.0 (0.55)	62.0 (0.73)	63.7 (1.00)	63.5 (0.60)	63.4 (0.72)	62.4 (1.25)	68.4 (2.91)	70.0 (3.29)
1997.....	61.7 (0.32)	48.7 (1.91)	49.3 (1.29)	61.0 (0.55)	61.9 (0.72)	64.3 (0.99)	65.4 (0.58)	64.6 (0.70)	65.7 (1.20)	73.6 (2.63)	72.1 (3.29)
1998.....	62.5 (0.31)	51.8 (1.94)	53.1 (1.29)	61.9 (0.55)	63.3 (0.70)	64.9 (1.00)	65.0 (0.57)	64.0 (0.69)	66.2 (1.15)	71.9 (2.71)	68.5 (3.26)
1999.....	63.7 (0.31)	53.0 (1.88)	54.0 (1.30)	63.0 (0.54)	64.8 (0.69)	65.1 (0.96)	66.2 (0.56)	65.9 (0.68)	66.5 (1.12)	68.4 (2.73)	68.2 (3.18)
2000.....	64.6 (0.30)	53.5 (1.84)	56.5 (1.30)	64.1 (0.54)	65.3 (0.69)	66.6 (0.92)	66.5 (0.55)	66.7 (0.67)	64.9 (1.11)	70.6 (2.61)	71.5 (3.13)
2001.....	64.3 (0.22)	54.0 (1.32)	55.3 (0.94)	63.5 (0.39)	65.1 (0.49)	65.8 (0.65)	66.6 (0.38)	66.6 (0.47)	65.6 (0.76)	70.3 (1.83)	70.9 (2.12)
2002.....	64.1 (0.22)	52.6 (1.36)	55.5 (0.95)	63.2 (0.39)	65.0 (0.49)	65.6 (0.65)	66.5 (0.38)	65.9 (0.47)	66.1 (0.74)	74.3 (1.73)	73.8 (2.07)
2003.....	64.4 (0.21)	56.5 (1.38)	53.8 (0.96)	64.4 (0.39)	64.2 (0.49)	65.6 (0.64)	66.4 (0.37)	65.8 (0.46)	66.3 (0.73)	72.3 (1.75)	71.9 (1.95)
2004.....	64.5 (0.21)	56.3 (1.35)	56.1 (0.96)	64.5 (0.40)	64.2 (0.49)	64.6 (0.63)	66.7 (0.37)	66.3 (0.45)	66.3 (0.72)	71.5 (1.77)	71.2 (1.97)
2005.....	65.3 (0.21)	56.5 (1.36)	54.5 (0.97)	65.1 (0.40)	63.5 (0.49)	67.2 (0.61)	68.2 (0.36)	68.0 (0.44)	68.3 (0.70)	71.2 (1.64)	67.3 (2.02)
2006.....	66.2 (0.21)	58.5 (1.35)	56.0 (0.96)	65.6 (0.39)	65.9 (0.48)	67.3 (0.61)	68.6 (0.35)	68.4 (0.43)	67.5 (0.69)	73.6 (1.61)	74.0 (1.86)
2007.....	66.7 (0.21)	56.8 (1.43)	55.3 (1.00)	65.7 (0.39)	66.7 (0.48)	67.3 (0.60)	69.3 (0.34)	68.4 (0.42)	70.6 (0.63)	74.1 (1.60)	71.2 (1.91)
2008.....	64.4 (0.21)	51.6 (1.38)	52.8 (1.01)	62.4 (0.40)	64.7 (0.49)	65.5 (0.60)	67.9 (0.34)	67.8 (0.43)	66.9 (0.65)	74.0 (1.51)	70.0 (1.80)
2009.....	64.3 (0.21)	52.0 (1.42)	54.5 (1.04)	62.4 (0.41)	63.9 (0.50)	64.5 (0.60)	68.0 (0.34)	68.3 (0.42)	67.5 (0.65)	66.4 (1.72)	68.3 (1.74)
2010.....	64.4 (0.21)	51.7 (1.46)	52.4 (1.07)	62.6 (0.42)	63.3 (0.50)	64.3 (0.60)	68.5 (0.34)	67.7 (0.42)	68.5 (0.62)	73.9 (1.66)	76.3 (1.51)
2011.....	65.0 (0.21)	52.2 (1.42)	49.1 (1.04)	63.0 (0.42)	62.9 (0.50)	66.3 (0.59)	69.6 (0.33)	69.4 (0.41)	69.0 (0.62)	72.8 (1.65)	73.6 (1.58)

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Includes 1 to 3 years of high school for 1990.

<sup>2</sup>Includes 4 years of high school for 1990.

<sup>3</sup>Includes 1 to 3 years of college and associate's degrees for 1990.

<sup>4</sup>Includes 4 or more years of college for 1990.

<sup>5</sup>Includes 4 years of college for 1990.

<sup>6</sup>Not reported separately for 1990.

<sup>7</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Reports, Series P-60, *Money Income of Households, Families, and Persons in the United States and Income, Poverty, and Valuation of Noncash Benefits*, 1990 through 1994; Series P-60, *Money Income in the United States*, 1995 through 2002; and Detailed Income Tabulations from the CPS, 2003 through 2011. Retrieved September 26, 2012, from [http://www.census.gov/hhes/www/cpstables/032012/perinc/pinc03\\_000.htm](http://www.census.gov/hhes/www/cpstables/032012/perinc/pinc03_000.htm). (This table was prepared September 2012.)



**Table 439. Median annual earnings of full-time year-round workers 25 to 34 years old, by sex, race/ethnicity, and educational attainment: Selected years, 1995 through 2011**

[Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	Median earnings (in constant 2011 dollars <sup>1</sup> )										Percent of labor force working full time, year round, 2011 <sup>2</sup>									
	1995	2000	2005	2006	2007	2008	2009	2010	2011											
1	2	3	4	5	6	7	8	9	10	11										
<b>All persons, all education levels .....</b>	<b>\$36,900</b>	<b>(205)</b>	<b>\$39,190</b>	<b>(125)</b>	<b>\$37,990</b>	<b>(1,038)</b>	<b>\$38,140</b>	<b>(1,021)</b>	<b>\$37,970</b>	<b>(#)</b>	<b>\$37,600</b>	<b>(802)</b>	<b>\$39,800</b>	<b>(1,036)</b>	<b>\$38,560</b>	<b>(798)</b>	<b>\$37,950</b>	<b>(94)</b>	<b>63.3</b>	<b>(0.41)</b>
Less than high school completion .....	23,400	(372)	23,640	(513)	23,660	(738)	22,320	(762)	23,780	(672)	22,330	(730)	21,850	(757)	21,660	(811)	22,860	(825)	48.1	(1.43)
High school completion <sup>3</sup> .....	30,680	(293)	32,650	(229)	32,130	(1,079)	32,290	(1,098)	31,420	(680)	31,310	(5)	31,370	(16)	30,850	(31)	29,950	(24)	59.1	(0.78)
Some college, no degree .....	34,310	(639)	37,680	(490)	36,140	(738)	35,020	(905)	35,660	(836)	33,390	(452)	34,780	(1,201)	33,940	(890)	31,990	(500)	59.0	(0.99)
Associate's degree .....	36,630	(601)	39,180	(370)	39,120	(992)	37,720	(1,223)	37,750	(149)	37,540	(760)	37,640	(1,010)	38,150	(1,063)	37,030	(1,449)	65.4	(1.17)
Bachelor's or higher degree .....	48,670	(831)	52,240	(270)	50,530	(1,023)	50,050	(143)	51,910	(1,394)	52,180	(15)	52,250	(34)	50,270	(1,036)	50,000	(341)	71.4	(0.62)
Bachelor's degree .....	45,700	(372)	52,130	(386)	46,990	(1,269)	48,520	(1,159)	48,630	(859)	48,060	(905)	47,170	(284)	46,420	(641)	44,970	(628)	71.1	(0.72)
Master's or higher degree .....	58,520	(1,076)	62,590	(1,933)	57,520	(52)	55,790	(2,444)	60,390	(2,132)	57,400	(718)	62,090	(2,120)	56,380	(1,022)	59,230	(1,502)	72.2	(1.25)
<b>Male, all education levels .....</b>	<b>39,760</b>	<b>(271)</b>	<b>41,790</b>	<b>(200)</b>	<b>40,310</b>	<b>(#)</b>	<b>39,050</b>	<b>(682)</b>	<b>41,160</b>	<b>(95)</b>	<b>41,780</b>	<b>(1)</b>	<b>41,940</b>	<b>(#)</b>	<b>41,140</b>	<b>(30)</b>	<b>39,920</b>	<b>(32)</b>	<b>67.4</b>	<b>(0.57)</b>
Less than high school completion .....	26,210	(692)	26,020	(325)	25,240	(1,002)	24,470	(440)	24,940	(544)	25,050	(817)	23,760	(1,021)	24,760	(799)	24,960	(1,059)	55.5	(1.74)
High school completion <sup>3</sup> .....	35,340	(580)	37,640	(618)	34,420	(47)	33,460	(437)	33,450	(1,013)	33,390	(691)	34,480	(1,183)	33,830	(863)	32,450	(827)	63.8	(1.00)
Some college, no degree .....	38,300	(528)	41,540	(350)	40,210	(303)	38,760	(182)	39,790	(1,488)	37,840	(1,379)	40,550	(933)	39,070	(949)	36,690	(1,194)	64.2	(1.33)
Associate's degree .....	38,070	(978)	45,690	(714)	44,780	(1,786)	42,010	(1,795)	43,100	(360)	42,070	(1,661)	43,710	(1,613)	41,170	(444)	41,850	(1,731)	71.6	(1.61)
Bachelor's or higher degree .....	54,880	(851)	59,980	(541)	57,560	(1,837)	55,440	(184)	55,950	(1,063)	57,300	(400)	57,070	(576)	54,420	(1,835)	54,370	(1,035)	75.3	(0.84)
Bachelor's degree .....	51,630	(683)	58,480	(783)	51,790	(1,238)	55,010	(1,702)	54,120	(50)	55,270	(1,696)	52,920	(1,346)	51,350	(157)	49,760	(121)	74.7	(0.98)
Master's or higher degree .....	65,340	(2,094)	71,700	(1,941)	63,340	(3,842)	64,610	(3,190)	66,930	(3,262)	67,200	(1,837)	72,600	(3,043)	66,190	(1,445)	67,990	(2,350)	77.3	(1.63)
<b>Female, all education levels .....</b>	<b>32,190</b>	<b>(265)</b>	<b>36,200</b>	<b>(311)</b>	<b>34,510</b>	<b>(33)</b>	<b>34,590</b>	<b>(431)</b>	<b>35,740</b>	<b>(420)</b>	<b>35,500</b>	<b>(497)</b>	<b>36,610</b>	<b>(218)</b>	<b>35,990</b>	<b>(35)</b>	<b>34,950</b>	<b>(20)</b>	<b>58.6</b>	<b>(0.52)</b>
Less than high school completion .....	19,100	(745)	19,560	(547)	19,350	(736)	19,890	(479)	19,330	(875)	17,260	(731)	19,880	(607)	18,340	(680)	18,930	(470)	34.1	(2.03)
High school completion <sup>3</sup> .....	25,990	(439)	28,620	(313)	27,530	(188)	26,260	(681)	26,070	(1,048)	26,030	(125)	26,150	(26)	25,760	(65)	25,910	(733)	51.6	(1.19)
Some college, no degree .....	29,510	(426)	32,620	(319)	32,160	(457)	31,190	(584)	32,450	(779)	30,240	(912)	30,610	(1,026)	30,440	(1,047)	28,940	(1,094)	53.3	(1.33)
Associate's degree .....	35,340	(1,317)	34,800	(468)	33,770	(411)	33,430	(821)	33,620	(1,127)	33,950	(1,028)	32,390	(1,264)	35,760	(881)	32,080	(1,335)	59.5	(1.75)
Bachelor's or higher degree .....	43,940	(621)	47,030	(326)	45,800	(121)	45,650	(1,010)	46,550	(1,038)	46,950	(27)	47,130	(25)	45,380	(1,212)	44,900	(57)	68.0	(0.84)
Bachelor's degree .....	41,180	(892)	45,580	(364)	43,200	(1,054)	44,480	(472)	43,230	(101)	43,500	(568)	42,040	(1,219)	41,250	(1,166)	40,950	(1,333)	67.8	(1.06)
Master's or higher degree .....	50,990	(1,408)	54,310	(1,094)	54,070	(2,118)	53,390	(2,120)	54,440	(1,638)	53,070	(1,522)	56,620	(2,215)	51,400	(92)	51,460	(1,553)	68.6	(1.76)
<b>White, all education levels .....</b>	<b>38,360</b>	<b>(232)</b>	<b>42,740</b>	<b>(367)</b>	<b>40,310</b>	<b>(89)</b>	<b>41,280</b>	<b>(870)</b>	<b>43,360</b>	<b>(1,290)</b>	<b>41,790</b>	<b>(1)</b>	<b>41,940</b>	<b>(#)</b>	<b>41,220</b>	<b>(23)</b>	<b>39,990</b>	<b>(145)</b>	<b>65.6</b>	<b>(0.54)</b>
Less than high school completion .....	25,940	(1,035)	27,160	(538)	26,430	(1,508)	27,880	(469)	25,980	(1,560)	26,740	(1,348)	25,850	(1,029)	25,780	(409)	27,720	(1,182)	41.2	(2.70)
High school completion <sup>3</sup> .....	32,440	(365)	36,070	(483)	34,460	(41)	33,430	(20)	32,530	(20)	32,550	(711)	33,480	(745)	32,960	(882)	31,950	(619)	60.8	(1.15)
Some college, no degree .....	35,420	(668)	39,070	(335)	36,720	(390)	37,010	(950)	37,880	(815)	34,500	(1,188)	36,690	(202)	35,920	(782)	34,710	(1,101)	60.7	(1.25)
Associate's degree .....	38,260	(744)	41,400	(404)	39,910	(430)	38,600	(591)	39,890	(1,433)	40,790	(1,049)	41,780	(1,540)	40,920	(775)	39,530	(1,333)	65.7	(1.29)
Bachelor's or higher degree .....	50,120	(881)	52,250	(299)	51,400	(868)	50,040	(490)	52,020	(1,030)	52,170	(22)	52,260	(38)	51,100	(819)	49,640	(89)	72.4	(0.76)
Bachelor's degree .....	47,220	(458)	52,160	(344)	47,200	(1,032)	49,390	(960)	48,710	(65)	49,000	(1,166)	47,180	(829)	47,360	(1,167)	46,940	(1,162)	72.2	(0.84)
Master's or higher degree .....	58,670	(1,022)	62,490	(2,147)	57,520	(58)	55,600	(630)	59,290	(905)	57,260	(342)	60,370	(1,780)	56,040	(885)	58,740	(1,608)	72.8	(1.44)
<b>Black, all education levels .....</b>	<b>30,930</b>	<b>(532)</b>	<b>32,650</b>	<b>(344)</b>	<b>32,900</b>	<b>(1,166)</b>	<b>33,420</b>	<b>(1,351)</b>	<b>32,470</b>	<b>(42)</b>	<b>31,340</b>	<b>(1,360)</b>	<b>31,440</b>	<b>(127)</b>	<b>32,590</b>	<b>(739)</b>	<b>31,890</b>	<b>(727)</b>	<b>55.7</b>	<b>(1.33)</b>
Less than high school completion .....	20,390	(1,605)	21,640	(1,013)	23,480	(1,364)	19,900	(1,324)	20,370	(1,983)	18,870	(1,408)	23,280	(3,675)	20,910	(1,905)	19,450	(733)	30.3	(3.80)
High school completion <sup>3</sup> .....	26,500	(851)	28,550	(472)	26,440	(1,162)	27,860	(797)	28,030	(1,422)	27,100	(1,268)	26,170	(909)	25,780	(754)	25,290	(1,048)	50.8	(2.16)
Some college, no degree .....	32,430	(1,255)	33,880	(678)	33,440	(1,613)	30,980	(1,147)	32,410	(163)	31,000	(461)	30,420	(1,619)	30,200	(400)	29,330	(579)	50.8	(2.40)
Associate's degree .....	32,350	(1,336)	32,520	(931)	32,050	(1,451)	32,190	(2,537)	31,960	(789)	32,080	(2,210)	29,070	(2,001)	32,410	(2,230)	33,650	(2,354)	69.0	(3.32)
Bachelor's or higher degree .....	40,420	(1,381)	45,150	(1,221)	44,620	(1,670)	44,170	(799)	43,170	(1,190)	46,280	(893)	46,730	(898)	42,320	(1,476)	41,520	(1,795)	69.1	(2.13)
Bachelor's degree .....	38,330	(1,256)	42,780	(1,870)	40,630	(2,476)	41,040	(2,670)	42,310	(1,239)	41,780	(937)	41,940	(1,629)	40,730	(508)	39,150	(984)	68.5	(2.41)
Master's or higher degree .....	48,880	(1,842)	52,750	(2,426)	49,600	(3,497)	52,780	(4,950)	48,760	(2,535)	54,800	(4,052)	55,670	(2,812)	50,660	(6,143)	50,000	(1,036)	70.6	(4.32)
<b>Hispanic, all education levels .....</b>	<b>27,660</b>	<b>(645)</b>	<b>29,250</b>	<b>(437)</b>	<b>28,780</b>	<b>(9)</b>	<b>28,850</b>	<b>(228)</b>	<b>29,280</b>	<b>(730)</b>	<b>30,250</b>	<b>(1,111)</b>	<b>30,230</b>	<b>(1,329)</b>	<b>30,900</b>	<b>(610)</b>	<b>29,950</b>	<b>(21)</b>	<b>61.4</b>	<b>(0.89)</b>
Less than high school completion .....	21,950	(595)	22,200	(458)	22,900	(71)	22,320	(#)	22,330	(778)	20,880	(548)	20,850	(79)	20,550	(267)	21,670	(939)	54.9	(1.69)
High school completion <sup>3</sup> .....	27,800	(1,154)	29,990	(779)	27,570	(1,003)	28,690	(907)	28,000	(899)	27,990	(1,530)	26,980	(834)	28,720	(932)	27,940	(1,286)	61.5	(1.49)
Some college, no degree .....	28,810	(1,315)	34,550	(920)	36,100	(1,641)	32,790	(619)	33,530	(1,041)	31,360	(1,773)	33,830	(963)	32,720	(1,418)	29,980	(780)	63.0	(2.09)
Associate's degree .....	35,070	(2,108)	38,680	(1,659)	39,060	(1,872)	35,210	(1,775)	32,520	(1,410)	33,300	(1,876)	32,220	(1,530)	34,960	(1,351)	34,690	(1,447)	65.3	(3.06)
Bachelor's or higher degree .....	43,980	(1,712)	47,470	(1,681)	46,910	(2,157)	46,700	(1,400)	46,980	(1,714)	46,640	(1,717)	47,790	(1,575)	45,490	(2,037)	41,190	(1,754)	68.3	(1.84)
Bachelor's degree .....	41,420	(1,972)	45,730	(1,253)	45,450	(799)	44,470	(1,844)	43,400	(2,262)	43,390	(2,211)	46,500	(1,020)	43,030	(3,110)	39,610	(297)	68.6	(2.13)
Master's or higher degree .....	†	(†)	49,850	(3,056)	57,930	(4,056)	52,740	(3,135)	62,810	(2,915)	54,260	(3,441)	55,490	(4,159)	50,370	(3,689)	50,890	(2,497)	67.1	(3.97)

See notes at end of table.

**Table 439. Median annual earnings of full-time year-round workers 25 to 34 years old, by sex, race/ethnicity, and educational attainment: Selected years, 1995 through 2011—Continued**  
[Standard errors appear in parentheses]

Sex, race/ethnicity, and educational attainment	Median earnings (in constant 2011 dollars <sup>1</sup> )														Percent of labor force working full time, year round, 2011 <sup>2</sup>					
	1995		2000		2005		2006		2007		2008		2009				2010		2011	
1	2		3		4		5		6		7		8		9		10		11	
Asian, <sup>4</sup> all education levels.....	37,330	(1,039)	46,840	(794)	45,900	(1,868)	49,950	(1,292)	48,530	(1,984)	51,780	(729)	51,580	(774)	47,170	(2,642)	49,220	(2,625)	65.1	(1.73)
Less than high school completion.....	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	56.2	(6.80)
High school completion <sup>3</sup> .....	29,300	(2,144)	32,650	(1,182)	30,980	(1,626)	30,540	(2,833)	30,250	(2,770)	29,210	(2,580)	27,130	(2,121)	30,120	(1,776)	24,940	(1,286)	53.7	(4.47)
Some college, no degree.....	27,340	(2,571)	37,570	(1,945)	34,170	(2,398)	35,270	(2,715)	37,770	(2,611)	34,400	(4,467)	39,820	(3,442)	35,840	(1,472)	30,890	(1,798)	58.3	(4.37)
Associate's degree.....	29,520	(1,810)	38,540	(1,925)	39,190	(4,861)	39,760	(5,041)	38,110	(4,939)	33,010	(2,628)	38,040	(4,010)	‡	(†)	34,580	(6,515)	55.1	(5.88)
Bachelor's or higher degree.....	48,560	(2,092)	64,420	(1,332)	57,580	(1,048)	60,310	(3,015)	59,620	(4,940)	62,220	(880)	62,150	(1,470)	61,740	(1,114)	61,100	(2,364)	70.4	(2.08)
Bachelor's degree.....	44,510	(939)	58,580	(2,360)	57,570	(3,743)	55,220	(889)	53,480	(1,857)	57,080	(2,185)	52,220	(1,177)	55,710	(4,091)	51,290	(3,315)	69.6	(2.59)
Master's or higher degree.....	56,020	(5,362)	74,720	(5,733)	62,680	(4,597)	66,760	(1,994)	70,260	(2,360)	72,360	(2,937)	73,390	(3,154)	70,450	(5,060)	73,220	(4,464)	71.8	(3.20)
Native Hawaiian/Pacific Islander <sup>5</sup> .....	[ <sup>4</sup> ]	(†)	[ <sup>4</sup> ]	(†)	‡	(†)	32,470	(2,990)	37,290	(3,511)	‡	(†)	‡	(†)	‡	(†)	34,240	(2,570)	56.9	(5.50)
American Indian/Alaska Native <sup>5</sup> .....	34,270	(2,930)	32,640	(1,430)	33,980	(1,962)	28,960	(2,726)	33,290	(1,893)	30,090	(2,398)	31,460	(4,134)	32,480	(3,263)	30,220	(1,675)	52.2	(4.58)
Two or more races <sup>5</sup> .....	—	(†)	—	(†)	39,160	(1,642)	38,250	(1,337)	35,170	(3,341)	35,030	(2,942)	35,230	(2,823)	35,890	(1,436)	37,860	(1,646)	58.1	(2.93)

—Not available.

‡Not applicable.

#Rounds to zero.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

<sup>2</sup>Full-time year-round workers as a percentage of the population ages 25 through 34 who reported working or looking for work in 2011.

<sup>3</sup>Includes equivalency credentials, such as the General Educational Development (GED) credential.

<sup>4</sup>For 1995 and 2000, data for Asians and Native Hawaiians/Pacific Islanders were not reported separately; therefore, Native Hawaiians/Pacific Islanders are included with Asians for 1995 and 2000.

<sup>5</sup>For Native Hawaiians/Pacific Islanders, American Indians/Alaska Natives, and persons of two or more races, data on earnings by educational attainment are omitted because these data did not meet reporting standards. All data shown for these three race categories are for persons of all education levels.

NOTE: Beginning in 2005, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), March 1996 through March 2012. (This table was prepared November 2012.)

**Table 440. Distribution of earnings and median earnings of persons 25 years old and over, by highest level of educational attainment and sex: 2011**  
[Standard errors appear in parentheses]

Sex and earnings	Total		Elementary/secondary				College															
			Less than 9th grade	Some high school, no completion	High school completion (includes equivalency)	Some college, no degree	Associate's degree	Bachelor's or higher degree														
								Total	Bachelor's degree	Master's degree	Professional degree	Doctor's degree										
1	2		3		4		5		6		7		8		9		10		11		12	
Number of persons (in thousands) .....	204,579	(215.1)	10,284	(111.0)	14,993	(132.7)	62,113	(241.4)	34,163	(191.9)	19,736	(150.7)	63,291	(242.9)	40,561	(206.0)	16,459	(138.6)	3,093	(61.8)	3,178	(62.6)
With earnings .....	133,757	(278.6)	4,245	(72.2)	7,037	(92.4)	36,616	(197.6)	22,740	(160.7)	14,419	(130.3)	48,700	(221.3)	31,032	(184.2)	12,690	(122.7)	2,466	(55.2)	2,513	(55.7)
Distribution of persons with earnings, by total annual earnings .....	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)
\$1 to \$4,999 or loss <sup>1</sup> .....	5.3	(0.06)	7.7	(0.29)	10.4	(0.28)	6.1	(0.11)	6.4	(0.15)	5.0	(0.17)	3.4	(0.08)	3.8	(0.11)	3.2	(0.15)	2.2	(0.30)	1.4	(0.23)
\$5,000 to \$9,999 .....	5.3	(0.06)	11.8	(0.35)	10.6	(0.28)	6.2	(0.11)	5.7	(0.14)	4.8	(0.17)	3.1	(0.08)	3.4	(0.10)	3.2	(0.15)	1.5	(0.24)	1.8	(0.26)
\$10,000 to \$14,999 .....	6.8	(0.06)	15.8	(0.40)	14.0	(0.32)	9.0	(0.13)	7.1	(0.16)	5.7	(0.18)	3.6	(0.08)	4.0	(0.11)	2.9	(0.15)	2.8	(0.33)	2.3	(0.30)
\$15,000 to \$19,999 .....	7.1	(0.06)	18.6	(0.43)	13.8	(0.31)	9.7	(0.13)	7.2	(0.16)	6.2	(0.19)	3.3	(0.08)	3.8	(0.11)	2.7	(0.14)	2.5	(0.31)	1.8	(0.27)
\$20,000 to \$24,999 .....	8.2	(0.07)	13.9	(0.38)	13.2	(0.31)	11.1	(0.14)	9.2	(0.17)	8.6	(0.22)	4.2	(0.09)	4.8	(0.12)	3.2	(0.15)	2.2	(0.29)	2.6	(0.31)
\$25,000 to \$29,999 .....	7.0	(0.06)	10.3	(0.33)	8.8	(0.26)	9.4	(0.13)	8.8	(0.17)	7.1	(0.20)	3.9	(0.09)	4.8	(0.12)	2.7	(0.14)	2.0	(0.28)	1.5	(0.24)
\$30,000 to \$34,999 .....	7.9	(0.07)	7.0	(0.28)	8.7	(0.26)	9.5	(0.13)	9.2	(0.17)	8.6	(0.22)	5.7	(0.10)	6.8	(0.14)	4.0	(0.17)	2.8	(0.33)	2.9	(0.34)
\$35,000 to \$39,999 .....	6.6	(0.06)	4.4	(0.23)	5.3	(0.20)	7.5	(0.12)	8.1	(0.16)	7.8	(0.21)	5.3	(0.10)	6.3	(0.13)	4.0	(0.17)	2.8	(0.33)	2.7	(0.32)
\$40,000 to \$49,999 .....	11.3	(0.08)	5.8	(0.26)	6.4	(0.22)	11.6	(0.14)	11.7	(0.19)	13.2	(0.27)	11.7	(0.14)	12.6	(0.18)	11.4	(0.28)	5.6	(0.46)	7.2	(0.51)
\$50,000 to \$74,999 .....	17.6	(0.09)	3.4	(0.20)	5.5	(0.21)	13.3	(0.15)	16.3	(0.22)	20.7	(0.32)	23.4	(0.19)	23.2	(0.23)	25.9	(0.38)	16.2	(0.74)	21.6	(0.82)
\$75,000 to \$99,999 .....	7.4	(0.06)	0.6	(0.09)	1.6	(0.12)	3.7	(0.08)	5.5	(0.14)	7.7	(0.21)	12.4	(0.15)	11.5	(0.18)	14.1	(0.30)	13.1	(0.68)	13.6	(0.68)
\$100,000 or more .....	9.5	(0.07)	0.8	(0.10)	1.6	(0.12)	2.8	(0.07)	4.9	(0.13)	4.7	(0.17)	20.0	(0.18)	15.1	(0.20)	22.6	(0.36)	46.4	(1.00)	40.4	(0.97)
Median earnings <sup>2</sup> .....	\$36,260	(43)	\$18,700	(75)	\$20,330	(6)	\$28,660	(250)	\$32,040	(18)	\$36,850	(27)	\$52,830	(55)	\$49,650	(241)	\$60,710	(110)	\$87,360	(5,378)	\$80,770	(123)
Number of males (in thousands) .....	98,119	(129.0)	5,117	(78.1)	7,388	(92.9)	30,216	(166.4)	16,072	(131.3)	8,560	(99.4)	30,766	(167.4)	19,415	(141.8)	7,397	(92.9)	1,938	(48.8)	2,016	(49.7)
With earnings .....	70,855	(182.4)	2,752	(57.9)	4,227	(71.3)	20,667	(145.3)	11,636	(114.2)	6,676	(88.6)	24,897	(155.8)	15,854	(130.5)	5,879	(83.4)	1,594	(44.3)	1,570	(44.0)
Distribution of males with earnings, by total annual earnings .....	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)	100.0	(†)
\$1 to \$4,999 or loss <sup>1</sup> .....	4.1	(0.08)	5.2	(0.09)	7.9	(0.11)	4.9	(0.09)	4.7	(0.09)	3.7	(0.08)	2.6	(0.07)	2.8	(0.07)	2.5	(0.07)	1.8	(0.06)	1.5	(0.05)
\$5,000 to \$9,999 .....	3.8	(0.08)	8.2	(0.12)	8.0	(0.11)	4.3	(0.09)	4.0	(0.08)	3.9	(0.08)	2.1	(0.06)	2.4	(0.06)	1.8	(0.06)	1.0	(0.04)	1.7	(0.05)
\$10,000 to \$14,999 .....	5.2	(0.09)	14.2	(0.15)	10.9	(0.13)	6.8	(0.11)	4.7	(0.09)	3.6	(0.08)	2.6	(0.07)	2.9	(0.07)	2.0	(0.06)	2.8	(0.07)	2.0	(0.06)
\$15,000 to \$19,999 .....	5.6	(0.10)	17.4	(0.16)	10.6	(0.13)	7.3	(0.11)	5.2	(0.09)	4.7	(0.09)	2.4	(0.06)	2.6	(0.07)	2.2	(0.06)	2.0	(0.06)	1.8	(0.06)
\$20,000 to \$24,999 .....	7.0	(0.11)	14.0	(0.15)	12.9	(0.14)	9.4	(0.12)	7.7	(0.11)	5.9	(0.10)	3.2	(0.07)	3.8	(0.08)	2.4	(0.06)	2.1	(0.06)	2.1	(0.06)
\$25,000 to \$29,999 .....	6.2	(0.10)	11.4	(0.13)	10.0	(0.13)	8.5	(0.12)	7.4	(0.11)	5.5	(0.10)	2.8	(0.07)	3.4	(0.08)	2.1	(0.06)	1.6	(0.05)	1.3	(0.05)
\$30,000 to \$34,999 .....	7.5	(0.11)	8.9	(0.12)	10.7	(0.13)	9.6	(0.12)	8.2	(0.12)	7.5	(0.11)	4.5	(0.09)	5.5	(0.10)	3.0	(0.07)	2.6	(0.07)	2.4	(0.06)
\$35,000 to \$39,999 .....	6.2	(0.10)	5.8	(0.10)	6.8	(0.11)	7.8	(0.11)	7.2	(0.11)	7.4	(0.11)	4.1	(0.08)	5.1	(0.09)	2.7	(0.07)	2.4	(0.06)	2.2	(0.06)
\$40,000 to \$49,999 .....	11.6	(0.13)	8.1	(0.11)	8.9	(0.12)	13.7	(0.14)	13.2	(0.14)	13.8	(0.14)	9.4	(0.12)	10.9	(0.13)	7.5	(0.11)	4.8	(0.09)	5.9	(0.10)
\$50,000 to \$74,999 .....	19.8	(0.17)	4.7	(0.09)	8.2	(0.11)	18.2	(0.16)	21.6	(0.17)	24.5	(0.18)	22.5	(0.18)	24.0	(0.18)	22.2	(0.17)	12.2	(0.14)	19.9	(0.17)
\$75,000 to \$99,999 .....	9.4	(0.12)	0.8	(0.04)	2.5	(0.07)	5.4	(0.10)	8.1	(0.11)	11.5	(0.13)	14.8	(0.15)	14.6	(0.15)	16.3	(0.16)	13.4	(0.14)	12.2	(0.14)
\$100,000 or more .....	13.6	(0.14)	1.1	(0.04)	2.5	(0.07)	4.2	(0.08)	8.1	(0.11)	8.1	(0.11)	28.7	(0.19)	22.0	(0.17)	35.2	(0.20)	53.5	(0.21)	47.0	(0.21)
Median earnings <sup>2</sup> .....	\$42,060	(27)	\$21,290	(15)	\$24,810	(181)	\$34,010	(329)	\$40,430	(43)	\$45,300	(332)	\$66,160	(13)	\$60,240	(28)	\$76,220	(146)	\$101,400	(735)	\$90,720	(68)

See notes at end of table.

**Table 440. Distribution of earnings and median earnings of persons 25 years old and over, by highest level of educational attainment and sex: 2011—Continued**

[Standard errors appear in parentheses]

Sex and earnings	Total	Elementary/secondary						College									
		Less than 9th grade	Some high school, no completion	High school completion (includes equivalency)	Some college, no degree	Associate's degree	Bachelor's or higher degree										
							Total	Bachelor's degree	Master's degree	Professional degree	Doctor's degree						
1	2	3	4	5	6	7	8	9	10	11	12						
Number of females (in thousands) .....	106,460 (140.1)	5,167 (78.7)	7,604 (94.4)	31,898 (172.2)	18,091 (139.0)	11,176 (112.7)	32,524 (173.3)	21,146 (148.1)	9,062 (102.5)	1,155 (37.8)	1,162 (37.9)						
With earnings.....	62,902 (197.5)	1,493 (42.9)	2,810 (58.6)	15,948 (131.8)	11,104 (112.4)	7,743 (95.2)	23,803 (155.1)	15,178 (129.0)	6,811 (89.7)	872 (32.9)	943 (34.2)						
Distribution of females with earnings, by total annual earnings.....	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)	100.0 (†)						
\$1 to \$4,999 or loss¹ .....	6.7 (0.11)	12.1 (0.15)	14.3 (0.16)	7.7 (0.12)	8.2 (0.12)	6.1 (0.11)	4.3 (0.09)	4.8 (0.10)	3.8 (0.09)	3.1 (0.08)	1.3 (0.05)						
\$5,000 to \$9,999.....	6.9 (0.11)	18.2 (0.17)	14.6 (0.16)	8.7 (0.13)	7.5 (0.12)	5.5 (0.10)	4.2 (0.09)	4.4 (0.09)	4.4 (0.09)	2.3 (0.07)	1.8 (0.06)						
\$10,000 to \$14,999.....	8.6 (0.13)	18.7 (0.17)	18.5 (0.17)	11.8 (0.14)	9.6 (0.13)	7.5 (0.12)	4.6 (0.09)	5.2 (0.10)	3.7 (0.08)	2.8 (0.07)	2.9 (0.07)						
\$15,000 to \$19,999.....	8.7 (0.13)	20.9 (0.18)	18.5 (0.17)	12.8 (0.15)	9.2 (0.13)	7.5 (0.12)	4.3 (0.09)	5.0 (0.10)	3.1 (0.08)	3.4 (0.08)	1.9 (0.06)						
\$20,000 to \$24,999.....	9.5 (0.13)	13.7 (0.15)	13.7 (0.15)	13.4 (0.15)	10.8 (0.14)	11.0 (0.14)	5.1 (0.10)	5.9 (0.11)	3.9 (0.09)	2.3 (0.07)	3.4 (0.08)						
\$25,000 to \$29,999.....	8.0 (0.12)	8.2 (0.12)	6.9 (0.11)	10.7 (0.14)	10.2 (0.13)	8.5 (0.12)	5.0 (0.10)	6.2 (0.11)	3.2 (0.08)	2.8 (0.07)	1.8 (0.06)						
\$30,000 to \$34,999.....	8.3 (0.12)	3.5 (0.08)	5.6 (0.10)	9.4 (0.13)	10.3 (0.14)	9.5 (0.13)	6.9 (0.11)	8.2 (0.12)	4.9 (0.10)	3.2 (0.08)	4.0 (0.09)						
\$35,000 to \$39,999.....	7.1 (0.11)	1.9 (0.06)	3.0 (0.08)	7.2 (0.12)	9.0 (0.13)	8.2 (0.12)	6.5 (0.11)	7.5 (0.12)	5.0 (0.10)	3.4 (0.08)	3.7 (0.08)						
\$40,000 to \$49,999.....	11.0 (0.14)	1.5 (0.05)	2.6 (0.07)	8.8 (0.13)	10.1 (0.13)	12.6 (0.15)	14.1 (0.15)	14.4 (0.16)	14.8 (0.16)	7.0 (0.11)	9.2 (0.13)						
\$50,000 to \$74,999.....	15.1 (0.16)	1.0 (0.04)	1.6 (0.06)	7.0 (0.11)	10.8 (0.14)	17.3 (0.17)	24.4 (0.19)	22.3 (0.19)	29.0 (0.20)	23.6 (0.19)	24.6 (0.19)						
\$75,000 to \$99,999.....	5.1 (0.10)	0.1 (0.02)	0.3 (0.02)	1.5 (0.05)	2.7 (0.07)	4.5 (0.09)	9.8 (0.13)	8.1 (0.12)	12.2 (0.15)	12.5 (0.15)	15.9 (0.16)						
\$100,000 or more.....	4.8 (0.10)	0.1 (0.02)	0.2 (0.02)	0.9 (0.04)	1.6 (0.06)	1.8 (0.06)	10.8 (0.14)	7.9 (0.12)	11.8 (0.14)	33.6 (0.21)	29.6 (0.20)						
Median earnings².....	\$30,630 (23)	\$15,180 (73)	\$15,510 (6)	\$22,480 (96)	\$26,740 (67)	\$31,400 (157)	\$45,750 (33)	\$41,010 (68)	\$51,190 (179)	\$70,370 (195)	\$70,940 (447)						

†Not applicable.

<sup>1</sup>A negative amount (a net loss) may be reported by self-employed persons.

<sup>2</sup>Excludes persons without earnings.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey, March 2012. Retrieved September 27, 2012, from [http://www.census.gov/hhes/www/cpstables/032012/perinc/pinc03\\_000.htm](http://www.census.gov/hhes/www/cpstables/032012/perinc/pinc03_000.htm). (This table was prepared September 2012.)

**Table 441. Percentage of high school students age 16 and over who were employed, by age group, sex, race/ethnicity, family income, nativity, and hours worked per week: Selected years, 1970 through 2011**

[Standard errors appear in parentheses]

Year	Total	Age group		Sex		Race/ethnicity			Family income <sup>1</sup>			Nativity	
		16 and 17 years old	18 years old and over	Male	Female	White	Black	Hispanic	Low income	Middle income	High income	U.S.-born	Foreign-born
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Percent employed <sup>2</sup>													
1970.....	31.9 (0.88)	30.8 (0.93)	39.7 (2.55)	35.2 (1.24)	28.3 (1.22)	— (†)	— (†)	— (†)	22.0 (2.51)	31.5 (1.12)	35.9 (1.64)	— (†)	— (†)
1975.....	33.2 (0.85)	32.9 (0.91)	34.9 (2.40)	35.0 (1.19)	31.2 (1.22)	38.0 (1.00)	13.9 (1.63)	21.8 (3.59)	18.4 (2.22)	31.8 (1.10)	40.4 (1.59)	— (†)	— (†)
1980.....	35.6 (0.87)	34.9 (0.94)	39.6 (2.28)	36.9 (1.22)	34.2 (1.24)	41.2 (1.03)	15.0 (1.64)	24.1 (3.65)	19.4 (2.10)	35.2 (1.15)	42.3 (1.59)	— (†)	— (†)
1985.....	31.6 (0.93)	30.8 (1.00)	36.1 (2.47)	32.1 (1.29)	31.0 (1.33)	37.9 (1.15)	15.0 (1.85)	17.6 (2.63)	14.7 (1.85)	31.0 (1.23)	41.1 (1.81)	— (†)	— (†)
1990.....	32.3 (0.98)	31.2 (1.08)	37.1 (2.33)	33.1 (1.37)	31.3 (1.39)	37.8 (1.24)	17.3 (2.05)	26.4 (2.86)	21.4 (2.16)	33.1 (1.29)	36.8 (1.97)	— (†)	— (†)
1995.....	33.6 (0.92)	32.7 (1.02)	37.5 (2.19)	33.1 (1.26)	34.2 (1.35)	40.8 (1.18)	18.0 (1.91)	22.2 (2.41)	17.4 (1.82)	34.4 (1.23)	42.1 (1.88)	34.9 (0.97)	20.1 (2.65)
2000.....	34.1 (0.93)	33.3 (1.03)	37.7 (2.15)	33.2 (1.28)	35.1 (1.36)	41.3 (1.20)	21.3 (2.14)	20.9 (2.18)	22.0 (2.11)	34.1 (1.22)	40.7 (1.85)	35.1 (0.99)	24.4 (2.74)
2001.....	32.4 (0.86)	31.1 (0.95)	37.8 (1.99)	30.6 (1.17)	34.5 (1.27)	38.9 (1.11)	18.7 (1.85)	23.6 (2.23)	21.4 (2.04)	33.3 (1.12)	33.3 (0.90)	33.3 (0.90)	23.0 (2.64)
2002.....	30.6 (0.84)	29.2 (0.93)	35.9 (1.92)	28.0 (1.13)	33.4 (1.24)	37.5 (1.11)	16.9 (1.81)	21.1 (1.94)	18.4 (1.83)	31.4 (1.11)	35.3 (1.64)	31.6 (0.89)	21.3 (2.34)
2003.....	27.0 (0.79)	25.3 (0.86)	34.6 (1.97)	26.7 (1.09)	27.3 (1.15)	33.3 (1.07)	15.2 (1.68)	18.8 (1.82)	14.3 (1.64)	27.8 (1.05)	31.8 (1.57)	28.0 (0.84)	17.7 (2.17)
2004.....	27.2 (0.80)	25.6 (0.87)	34.7 (2.03)	26.2 (1.09)	28.3 (1.17)	32.9 (1.08)	15.1 (1.71)	21.2 (1.92)	12.0 (1.55)	27.5 (1.05)	34.4 (1.64)	27.8 (0.85)	20.8 (2.43)
2005.....	26.4 (0.77)	25.2 (0.84)	32.2 (1.95)	25.3 (1.05)	27.6 (1.14)	31.8 (1.05)	13.7 (1.63)	19.4 (1.78)	14.8 (1.61)	26.9 (1.03)	31.7 (1.55)	26.8 (0.81)	21.7 (2.49)
2006.....	27.6 (0.79)	26.0 (0.86)	34.1 (1.87)	26.5 (1.08)	28.8 (1.16)	33.6 (1.08)	20.1 (1.85)	17.5 (1.72)	17.8 (1.72)	27.5 (1.04)	33.5 (1.59)	27.9 (0.82)	23.9 (2.64)
2007.....	26.2 (0.78)	24.8 (0.85)	32.2 (1.87)	25.0 (1.06)	27.6 (1.14)	31.3 (1.06)	15.1 (1.68)	21.1 (1.83)	17.3 (1.74)	25.9 (1.01)	32.1 (1.62)	26.0 (0.81)	28.5 (2.64)
2008.....	22.6 (0.74)	21.0 (0.80)	29.5 (1.83)	20.0 (0.99)	25.4 (1.10)	27.7 (1.04)	15.5 (1.69)	15.1 (1.54)	13.5 (1.54)	22.6 (0.96)	28.4 (1.59)	23.1 (0.78)	18.0 (2.35)
2009.....	17.0 (0.67)	15.2 (0.72)	23.8 (1.65)	16.0 (0.91)	18.1 (0.98)	21.5 (0.96)	10.5 (1.43)	11.9 (1.39)	9.7 (1.33)	16.3 (0.85)	23.5 (1.51)	17.0 (0.70)	16.9 (2.32)
2010 <sup>3</sup> .....	16.2 (0.55)	15.0 (0.59)	20.8 (1.52)	14.0 (0.78)	18.5 (0.86)	20.9 (0.86)	9.6 (1.28)	10.4 (1.18)	8.5 (1.01)	16.5 (0.80)	20.9 (1.31)	16.4 (0.60)	13.4 (2.20)
2011 <sup>3</sup> .....	16.9 (0.67)	16.4 (0.77)	18.7 (1.28)	14.7 (0.76)	19.4 (1.09)	22.2 (1.07)	10.2 (1.43)	11.3 (1.11)	10.2 (1.29)	17.5 (0.83)	19.6 (1.39)	17.3 (0.74)	12.4 (1.91)
Percent working less than 15 hours per week <sup>4</sup>													
1970.....	13.6 (0.64)	14.5 (0.71)	7.5 (1.37)	12.3 (0.85)	14.9 (0.97)	— (†)	— (†)	— (†)	9.9 (1.81)	12.6 (0.80)	16.8 (1.28)	— (†)	— (†)
1975.....	13.4 (0.62)	14.0 (0.67)	8.8 (1.43)	12.5 (0.82)	14.3 (0.92)	15.5 (0.75)	5.3 (1.05)	6.6 ! (2.15)	6.8 (1.44)	12.3 (0.78)	17.4 (1.23)	— (†)	— (†)
1980.....	14.0 (0.63)	14.9 (0.70)	8.9 (1.33)	13.7 (0.87)	14.2 (0.91)	16.4 (0.77)	4.6 (0.96)	9.4 (2.49)	7.7 (1.41)	13.2 (0.82)	17.7 (1.23)	— (†)	— (†)
1985.....	12.3 (0.65)	12.8 (0.72)	9.5 (1.51)	11.7 (0.89)	12.9 (0.96)	15.2 (0.85)	6.2 (1.25)	3.0 ! (1.18)	3.6 (0.97)	11.8 (0.86)	17.5 (1.40)	— (†)	— (†)
1990.....	11.7 (0.67)	12.9 (0.78)	6.8 (1.21)	11.3 (0.92)	12.2 (0.98)	14.7 (0.90)	6.0 (1.28)	4.8 (1.39)	5.9 (1.24)	11.5 (0.88)	15.6 (1.48)	— (†)	— (†)
1995.....	11.9 (0.63)	13.1 (0.73)	6.8 (1.14)	11.1 (0.84)	12.9 (0.96)	14.8 (0.85)	6.5 (1.22)	6.5 (1.42)	4.4 (0.98)	11.3 (0.82)	18.1 (1.47)	12.6 (0.68)	5.1 (1.46)
2000.....	11.9 (0.64)	12.9 (0.73)	7.8 (1.19)	11.2 (0.86)	12.6 (0.94)	15.4 (0.88)	6.3 (1.27)	3.7 (1.01)	5.4 (1.15)	11.3 (0.82)	16.5 (1.40)	12.6 (0.68)	5.2 (1.42)
2001.....	11.6 (0.59)	12.6 (0.68)	7.7 (1.10)	9.8 (0.75)	13.7 (0.91)	15.0 (0.82)	4.3 (0.96)	6.1 (1.26)	5.7 (1.15)	10.8 (0.74)	16.4 (1.31)	12.2 (0.63)	5.5 (1.43)
2002.....	11.1 (0.57)	12.1 (0.66)	7.2 (1.04)	9.7 (0.74)	12.7 (0.87)	15.0 (0.82)	4.5 (1.00)	3.6 (0.89)	6.0 (1.12)	10.0 (0.72)	16.1 (1.26)	11.9 (0.62)	4.1 (1.13)
2003.....	9.6 (0.52)	10.0 (0.59)	7.8 (1.11)	9.0 (0.70)	10.2 (0.78)	12.4 (0.75)	4.5 (0.96)	5.5 (1.06)	4.8 (1.00)	9.1 (0.67)	13.1 (1.14)	10.2 (0.57)	3.7 (1.07)
2004.....	10.4 (0.55)	10.9 (0.62)	8.4 (1.18)	9.9 (0.74)	11.0 (0.82)	14.0 (0.80)	4.9 (1.03)	4.4 (0.96)	3.5 (0.87)	8.5 (0.66)	18.1 (1.33)	11.0 (0.59)	5.2 (1.33)
2005.....	10.1 (0.53)	10.7 (0.60)	7.2 (1.08)	8.9 (0.69)	11.4 (0.81)	13.4 (0.77)	3.7 (0.89)	5.0 (0.99)	3.7 (0.85)	9.9 (0.69)	13.9 (1.16)	10.6 (0.56)	4.6 (1.26)
2006.....	9.9 (0.53)	10.7 (0.61)	6.4 (0.97)	8.8 (0.69)	11.0 (0.80)	12.8 (0.76)	5.2 (1.03)	4.2 (0.91)	3.7 (0.85)	9.2 (0.67)	14.7 (1.20)	10.5 (0.56)	3.0 ! (1.06)
2007.....	10.6 (0.54)	11.4 (0.63)	7.0 (1.02)	9.5 (0.72)	11.7 (0.82)	14.2 (0.80)	3.0 (0.80)	6.0 (1.06)	6.1 (1.10)	9.6 (0.68)	15.3 (1.25)	11.1 (0.58)	5.7 (1.36)
2008.....	9.2 (0.51)	9.9 (0.59)	6.1 (0.96)	8.1 (0.68)	10.3 (0.77)	12.4 (0.77)	3.2 (0.82)	4.1 (0.85)	3.1 (0.78)	9.1 (0.66)	13.0 (1.18)	9.6 (0.54)	4.6 (1.28)
2009.....	7.6 (0.47)	8.0 (0.54)	6.2 (0.94)	6.8 (0.62)	8.4 (0.71)	10.1 (0.71)	3.6 (0.86)	4.7 (0.91)	3.6 (0.83)	6.9 (0.58)	11.8 (1.15)	7.8 (0.50)	5.2 (1.38)
2010 <sup>3</sup> .....	7.3 (0.42)	7.5 (0.49)	6.8 (0.94)	6.3 (0.50)	8.4 (0.69)	9.5 (0.65)	4.1 (0.82)	4.5 (0.79)	3.0 (0.63)	7.1 (0.54)	10.9 (1.01)	7.7 (0.45)	3.4 ! (1.21)
2011 <sup>3</sup> .....	7.3 (0.40)	8.1 (0.50)	4.4 (0.71)	5.8 (0.51)	9.0 (0.66)	11.0 (0.66)	2.2 (0.60)	2.7 (0.54)	3.7 (0.81)	7.0 (0.55)	10.2 (0.94)	7.7 (0.44)	2.8 ! (0.98)
Percent working 15 or more hours per week <sup>4</sup>													
1970.....	17.5 (0.71)	15.6 (0.73)	30.8 (2.41)	22.1 (1.08)	12.6 (0.90)	— (†)	— (†)	— (†)	10.6 (1.87)	18.4 (0.93)	18.1 (1.32)	— (†)	— (†)
1975.....	19.2 (0.71)	18.2 (0.75)	25.7 (2.20)	21.7 (1.03)	16.4 (0.97)	21.8 (0.85)	8.3 (1.30)	14.7 (3.08)	11.3 (1.81)	19.0 (0.93)	22.1 (1.34)	— (†)	— (†)
1980.....	20.5 (0.73)	19.0 (0.77)	29.4 (2.12)	22.1 (1.05)	18.9 (1.02)	23.5 (0.89)	10.1 (1.39)	14.3 (2.99)	11.4 (1.69)	21.0 (0.98)	23.1 (1.36)	— (†)	— (†)
1985.....	18.4 (0.77)	17.2 (0.81)	25.5 (2.24)	19.5 (1.09)	17.3 (1.09)	21.7 (0.97)	8.4 (1.44)	13.7 (2.37)	10.0 (1.57)	18.4 (1.03)	22.6 (1.54)	— (†)	— (†)
1990.....	19.7 (0.83)	17.5 (0.88)	29.1 (2.19)	21.0 (1.19)	18.3 (1.16)	22.1 (1.06)	10.6 (1.67)	21.5 (2.66)	15.0 (1.88)	20.8 (1.11)	20.2 (1.64)	— (†)	— (†)
1995.....	20.5 (0.79)	18.4 (0.84)	29.7 (2.07)	20.8 (1.09)	20.2 (1.14)	24.5 (1.03)	10.9 (1.55)	15.1 (2.07)	12.7 (1.60)	21.9 (1.07)	22.5 (1.59)	21.1 (0.83)	14.9 (2.35)

See notes at end of table.

**Table 441. Percentage of high school students age 16 and over who were employed, by age group, sex, race/ethnicity, family income, nativity, and hours worked per week: Selected years, 1970 through 2011—Continued**

[Standard errors appear in parentheses]

Year	Total	Age group		Sex		Race/ethnicity			Family income <sup>1</sup>			Nativity	
		16 and 17 years old	18 years old and over	Male	Female	White	Black	Hispanic	Low income	Middle income	High income	U.S.-born	Foreign-born
1	2	3	4	5	6	7	8	9	10	11	12	13	14
2000.....	21.1 (0.80)	19.2 (0.86)	28.8 (2.01)	21.1 (1.11)	21.0 (1.16)	24.6 (1.05)	13.8 (1.80)	16.3 (1.98)	15.6 (1.85)	21.5 (1.06)	23.1 (1.59)	21.3 (0.84)	19.0 (2.50)
2001.....	19.4 (0.73)	17.1 (0.77)	28.3 (1.85)	19.6 (1.01)	19.1 (1.05)	22.2 (0.95)	13.4 (1.62)	17.0 (1.97)	14.6 (1.76)	20.9 (0.97)	18.4 (1.37)	19.6 (0.76)	16.9 (2.35)
2002.....	18.5 (0.71)	16.1 (0.75)	27.9 (1.80)	17.5 (0.95)	19.7 (1.04)	21.4 (0.94)	11.9 (1.57)	16.8 (1.78)	12.3 (1.55)	20.7 (0.97)	17.4 (1.30)	18.7 (0.75)	16.5 (2.12)
2003.....	16.4 (0.66)	14.3 (0.69)	25.9 (1.82)	16.8 (0.92)	16.0 (0.94)	19.5 (0.90)	10.4 (1.42)	13.1 (1.57)	9.1 (1.35)	17.6 (0.89)	17.7 (1.29)	16.7 (0.70)	13.6 (1.95)
2004.....	16.0 (0.66)	13.8 (0.68)	26.2 (1.88)	15.5 (0.90)	16.6 (0.97)	17.8 (0.88)	10.2 (1.45)	16.6 (1.75)	8.1 (1.30)	18.3 (0.91)	15.2 (1.24)	16.1 (0.69)	15.2 (2.15)
2005.....	15.2 (0.63)	13.4 (0.66)	23.5 (1.77)	15.5 (0.88)	14.8 (0.90)	17.0 (0.84)	9.6 (1.40)	13.6 (1.55)	10.8 (1.40)	15.9 (0.85)	16.1 (1.23)	15.1 (0.66)	16.5 (2.24)
2006.....	17.0 (0.66)	14.4 (0.69)	27.0 (1.75)	16.8 (0.91)	17.1 (0.96)	19.5 (0.90)	14.5 (1.63)	13.3 (1.54)	13.8 (1.55)	17.7 (0.89)	17.3 (1.27)	16.6 (0.68)	20.8 (2.51)
2007.....	15.0 (0.63)	12.8 (0.66)	24.2 (1.72)	14.8 (0.87)	15.2 (0.92)	16.2 (0.85)	11.4 (1.49)	14.9 (1.59)	10.9 (1.44)	15.6 (0.83)	15.8 (1.27)	14.3 (0.65)	22.2 (2.43)
2008.....	12.8 (0.59)	10.3 (0.60)	22.7 (1.68)	11.4 (0.79)	14.1 (0.88)	14.3 (0.82)	11.9 (1.51)	10.6 (1.32)	9.9 (1.34)	12.8 (0.77)	14.4 (1.23)	12.7 (0.62)	13.0 (2.06)
2009.....	8.7 (0.50)	6.4 (0.49)	17.3 (1.47)	8.4 (0.69)	9.1 (0.73)	10.4 (0.71)	6.5 (1.15)	7.2 (1.11)	5.9 (1.06)	8.9 (0.66)	9.9 (1.07)	8.4 (0.52)	11.7 (1.99)
2010 <sup>3</sup> .....	8.3 (0.45)	6.9 (0.47)	13.4 (1.24)	7.2 (0.62)	9.4 (0.70)	10.5 (0.67)	5.3 (1.01)	5.6 (0.84)	5.3 (0.88)	9.0 (0.58)	8.7 (1.16)	8.1 (0.46)	9.6 (1.83)
2011 <sup>3</sup> .....	9.0 (0.52)	7.7 (0.56)	13.6 (1.10)	8.4 (0.63)	9.8 (0.78)	10.5 (0.77)	7.4 (1.30)	8.4 (1.06)	6.3 (1.10)	10.0 (0.69)	8.5 (0.94)	9.0 (0.55)	9.6 (1.84)

—Not available.

†Not applicable.

Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Low income refers to the bottom 20 percent of all family incomes; high income refers to the top 20 percent of all family incomes; and middle income refers to the 60 percent in between.

<sup>2</sup>Percent employed includes those who were employed but not at work during the survey week.

<sup>3</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years.

<sup>4</sup>Hours worked per week refers to the number of hours the respondent worked at all jobs during the survey week. The estimates of the percentage of high school students age 16 and over who worked less than 15 hours per week or 15 or more hours per week exclude those who were employed but not at work during the survey week. Therefore, detail may not sum to total percentage employed.

NOTE: Totals include racial/ethnic groups not shown separately.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, 1970 through 2011. (This table was prepared February 2013.)

**Table 442. Percentage of college students 16 to 24 years old who were employed, by attendance status, hours worked per week, and level and control of institution: Selected years, October 1970 through 2011**  
[Standard errors appear in parentheses]

Level and control of institution and year	Full-time students				Part-time students			
	Percent employed <sup>2</sup>	Hours worked per week <sup>1</sup>			Percent employed <sup>2</sup>	Hours worked per week <sup>1</sup>		
		Less than 20 hours	20 to 34 hours	35 or more hours		Less than 20 hours	20 to 34 hours	35 or more hours
1	2	3	4	5	6	7	8	9
<b>Total, all institutions</b>								
1970.....	33.8 (0.95)	19.3 (0.79)	10.4 (0.61)	3.8 (0.38)	82.2 (1.93)	5.0 (1.10)	15.8 (1.84)	60.3 (2.47)
1975.....	35.3 (0.89)	18.2 (0.72)	12.0 (0.60)	4.7 (0.39)	80.9 (1.66)	6.0 (1.00)	19.5 (1.67)	52.6 (2.11)
1980.....	40.0 (0.90)	21.5 (0.75)	14.0 (0.64)	3.9 (0.36)	84.5 (1.48)	7.9 (1.10)	22.5 (1.71)	52.6 (2.05)
1985.....	44.2 (0.94)	21.8 (0.78)	17.3 (0.72)	4.3 (0.39)	86.1 (1.50)	6.0 (1.03)	26.8 (1.92)	52.5 (2.17)
1990.....	45.7 (0.96)	20.6 (0.78)	19.3 (0.76)	4.8 (0.41)	83.7 (1.61)	4.0 (0.86)	26.0 (1.92)	52.7 (2.18)
1995.....	47.2 (0.87)	19.1 (0.69)	20.3 (0.70)	6.5 (0.43)	82.9 (1.45)	8.6 (1.08)	30.4 (1.77)	42.3 (1.90)
2000.....	52.0 (0.86)	20.1 (0.69)	21.7 (0.71)	8.9 (0.49)	84.9 (1.38)	8.6 (1.08)	27.8 (1.73)	47.5 (1.93)
2001.....	47.0 (0.80)	17.4 (0.61)	20.6 (0.65)	7.9 (0.43)	84.5 (1.29)	8.1 (0.97)	25.8 (1.56)	48.9 (1.79)
2002.....	47.8 (0.78)	17.3 (0.59)	20.9 (0.64)	8.5 (0.44)	78.9 (1.51)	8.7 (1.04)	25.3 (1.61)	43.4 (1.84)
2003.....	47.7 (0.78)	17.1 (0.59)	20.7 (0.63)	8.8 (0.44)	79.0 (1.44)	7.8 (0.95)	27.2 (1.58)	42.8 (1.75)
2004.....	49.0 (0.76)	17.7 (0.58)	21.6 (0.62)	8.6 (0.43)	81.5 (1.44)	8.5 (1.04)	27.4 (1.66)	44.1 (1.84)
2005.....	49.1 (0.75)	17.8 (0.58)	21.1 (0.61)	9.0 (0.43)	85.0 (1.30)	10.2 (1.10)	27.1 (1.62)	47.1 (1.82)
2006.....	46.5 (0.76)	15.1 (0.55)	22.0 (0.63)	8.1 (0.42)	81.0 (1.41)	7.3 (0.94)	27.6 (1.61)	45.5 (1.80)
2007.....	45.5 (0.74)	15.4 (0.54)	20.7 (0.60)	8.7 (0.42)	81.2 (1.39)	6.8 (0.90)	27.2 (1.59)	45.9 (1.78)
2008.....	45.3 (0.72)	15.6 (0.53)	20.1 (0.58)	8.7 (0.41)	79.4 (1.51)	9.3 (1.09)	24.7 (1.61)	44.4 (1.86)
2009.....	40.6 (0.69)	15.6 (0.51)	17.6 (0.54)	6.2 (0.34)	76.2 (1.57)	10.1 (1.11)	27.5 (1.65)	36.9 (1.78)
2010.....	39.8 (1.01)	14.9 (0.57)	17.2 (0.77)	6.6 (0.46)	73.4 (2.03)	10.7 (1.24)	28.3 (1.92)	32.8 (2.19)
2011.....	41.3 (0.94)	15.8 (0.67)	17.4 (0.66)	7.0 (0.44)	75.5 (1.93)	9.7 (1.21)	28.4 (1.99)	35.5 (2.16)
<b>Public 4-year institutions</b>								
1990.....	43.0 (1.27)	19.8 (1.02)	18.6 (0.99)	3.7 (0.48)	87.4 (2.42)	4.2 ! (1.47)	27.9 (3.28)	54.7 (3.64)
1995.....	48.8 (1.16)	19.4 (0.92)	22.6 (0.97)	5.6 (0.53)	86.7 (2.08)	9.6 (1.80)	30.8 (2.83)	45.0 (3.05)
2000.....	50.5 (1.15)	19.1 (0.90)	21.5 (0.94)	9.0 (0.66)	87.3 (1.91)	8.5 (1.60)	26.4 (2.53)	50.9 (2.87)
2001.....	45.9 (1.05)	16.6 (0.78)	20.9 (0.86)	7.5 (0.55)	86.7 (1.89)	7.5 (1.47)	27.9 (2.50)	49.5 (2.79)
2002.....	47.7 (1.03)	17.2 (0.78)	21.0 (0.84)	8.0 (0.56)	78.5 (2.44)	7.5 (1.56)	22.8 (2.49)	47.4 (2.96)
2003.....	47.5 (1.00)	17.3 (0.76)	20.7 (0.81)	8.2 (0.55)	81.7 (2.31)	9.3 (1.73)	27.3 (2.66)	43.7 (2.97)
2004.....	49.7 (0.98)	17.4 (0.75)	22.0 (0.82)	8.8 (0.56)	83.0 (2.13)	9.0 (1.62)	27.4 (2.53)	44.3 (2.82)
2005.....	49.6 (0.99)	17.8 (0.76)	22.7 (0.83)	8.0 (0.54)	86.3 (1.90)	9.0 (1.58)	26.8 (2.45)	49.7 (2.76)
2006.....	46.6 (1.00)	13.9 (0.69)	22.9 (0.84)	8.6 (0.56)	80.5 (2.06)	7.1 (1.33)	26.4 (2.29)	46.0 (2.59)
2007.....	44.7 (0.98)	14.9 (0.70)	20.1 (0.79)	8.9 (0.56)	78.3 (2.26)	6.4 (1.34)	23.1 (2.31)	48.5 (2.74)
2008.....	44.1 (0.96)	15.1 (0.70)	19.2 (0.76)	8.8 (0.55)	83.9 (2.25)	9.3 (1.78)	24.7 (2.64)	49.5 (3.06)
2009.....	40.6 (0.91)	14.7 (0.66)	18.7 (0.73)	5.8 (0.44)	78.7 (2.45)	11.1 (1.88)	25.7 (2.61)	39.8 (2.92)
2010.....	40.8 (1.27)	15.2 (0.88)	18.0 (0.93)	6.6 (0.64)	70.4 (3.58)	10.5 (2.04)	26.9 (2.82)	32.1 (3.59)
2011.....	41.0 (1.20)	15.0 (0.91)	17.6 (0.85)	7.4 (0.63)	77.5 (3.27)	7.8 (1.65)	28.4 (3.18)	39.7 (3.29)
<b>Private 4-year institutions</b>								
1990.....	38.1 (2.04)	24.0 (1.79)	9.9 (1.25)	3.5 (0.77)	89.9 (4.59)	‡ (†)	31.9 (7.12)	53.1 (7.62)
1995.....	38.6 (1.78)	21.6 (1.51)	10.7 (1.13)	4.6 (0.77)	80.1 (4.85)	14.9 (4.32)	26.8 (5.38)	36.5 (5.84)
2000.....	45.8 (1.88)	23.6 (1.60)	14.9 (1.34)	5.4 (0.85)	78.0 (5.36)	‡ (†)	18.5 (5.02)	52.6 (6.46)
2001.....	38.7 (1.76)	19.7 (1.44)	11.6 (1.16)	6.3 (0.88)	83.6 (4.64)	7.9 ! (3.38)	23.3 (5.29)	51.6 (6.26)
2002.....	39.8 (1.73)	17.4 (1.34)	15.1 (1.27)	6.0 (0.84)	77.6 (5.10)	16.6 (4.55)	17.4 (4.64)	42.1 (6.04)
2003.....	41.1 (1.81)	19.0 (1.44)	12.8 (1.23)	8.4 (1.02)	69.2 (4.85)	9.3 ! (3.06)	17.5 (3.99)	40.7 (5.16)
2004.....	40.6 (1.68)	19.6 (1.36)	15.0 (1.22)	5.3 (0.76)	73.0 (5.59)	‡ (†)	21.2 (5.15)	49.2 (6.30)
2005.....	42.3 (1.64)	20.1 (1.33)	13.8 (1.15)	7.0 (0.85)	88.5 (3.32)	10.6 ! (3.20)	34.5 (4.94)	43.2 (5.15)
2006.....	36.9 (1.71)	18.1 (1.36)	12.4 (1.17)	5.1 (0.78)	83.0 (4.31)	6.1 ! (2.75)	21.0 (4.67)	55.9 (5.70)
2007.....	38.7 (1.70)	18.0 (1.34)	13.0 (1.18)	6.7 (0.87)	83.9 (4.55)	‡ (†)	24.3 ! (4.34)	61.2 (6.04)
2008.....	38.0 (1.68)	18.5 (1.35)	12.4 (1.14)	5.6 (0.80)	84.4 (4.44)	‡ (†)	21.4 (5.01)	55.3 (6.08)
2009.....	35.2 (1.64)	18.6 (1.33)	10.7 (1.06)	5.1 (0.76)	93.9 (2.89)	7.5 ! (3.17)	22.1 (5.00)	62.4 (5.84)
2010.....	35.6 (2.37)	15.7 (1.63)	12.2 (1.52)	6.0 (1.08)	78.6 (7.00)	‡ (†)	23.4 ! (7.49)	45.6 (9.01)
2011.....	36.3 (2.07)	20.0 (1.61)	10.1 (1.34)	4.5 (0.82)	79.4 (6.01)	‡ (†)	34.2 (7.03)	38.2 (7.67)
<b>Public 2-year institutions</b>								
1990.....	61.2 (2.09)	19.1 (1.69)	31.2 (1.99)	9.2 (1.24)	81.5 (2.33)	4.1 (1.20)	24.9 (2.60)	51.1 (3.01)
1995.....	52.9 (1.97)	15.6 (1.43)	25.3 (1.72)	10.9 (1.23)	81.1 (2.21)	6.1 (1.35)	32.5 (2.64)	40.5 (2.77)
2000.....	63.9 (1.79)	20.6 (1.51)	29.9 (1.71)	11.9 (1.21)	85.5 (2.09)	9.9 (1.77)	30.0 (2.72)	44.9 (2.95)
2001.....	58.1 (1.75)	18.0 (1.36)	28.0 (1.60)	10.6 (1.10)	83.2 (1.95)	8.9 (1.49)	25.2 (2.26)	47.4 (2.61)
2002.....	55.1 (1.75)	17.4 (1.33)	26.3 (1.55)	11.0 (1.10)	79.2 (2.15)	8.6 (1.49)	29.8 (2.42)	39.6 (2.59)
2003.....	54.7 (1.74)	15.4 (1.26)	28.1 (1.57)	10.3 (1.06)	80.6 (1.96)	6.6 (1.23)	29.6 (2.26)	43.4 (2.45)
2004.....	55.1 (1.71)	17.0 (1.30)	27.1 (1.53)	10.3 (1.05)	81.9 (2.14)	9.0 (1.59)	28.7 (2.51)	43.1 (2.75)
2005.....	54.2 (1.69)	15.6 (1.23)	24.2 (1.46)	13.4 (1.16)	82.0 (2.20)	10.8 (1.77)	25.8 (2.50)	44.8 (2.84)
2006.....	55.3 (1.66)	15.8 (1.22)	28.8 (1.52)	9.2 (0.97)	80.7 (2.26)	8.2 (1.57)	30.0 (2.62)	42.2 (2.82)
2007.....	54.0 (1.55)	15.2 (1.11)	28.7 (1.41)	9.6 (0.91)	83.4 (1.98)	7.1 (1.36)	33.7 (2.51)	40.9 (2.61)
2008.....	52.9 (1.43)	14.6 (1.01)	26.9 (1.27)	10.7 (0.89)	74.8 (2.29)	9.7 (1.56)	25.9 (2.31)	37.8 (2.56)
2009.....	45.4 (1.45)	16.0 (1.07)	20.5 (1.18)	7.8 (0.78)	71.8 (2.36)	10.3 (1.60)	30.6 (2.42)	29.4 (2.39)
2010.....	40.6 (1.90)	14.0 (1.20)	19.1 (1.50)	6.8 (0.78)	74.7 (2.51)	11.6 (1.93)	30.1 (2.86)	31.0 (3.08)
2011.....	45.6 (2.00)	14.7 (1.45)	22.1 (1.47)	8.1 (1.01)	73.6 (2.58)	11.3 (1.73)	27.5 (3.12)	32.4 (3.21)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

¹Excludes those who were employed but not at work during the survey week; therefore, detail may not sum to total percentage employed. "Hours worked per week" refers to the number of hours worked at all jobs during the survey week.

²Includes those who were employed but not at work during the survey week.

NOTE: Students were classified as full time if they were taking at least 12 hours of classes (or at least 9 hours of graduate classes) during an average school week and as part time if they were taking fewer hours.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, selected years, 1970 through 2011. (This table was prepared November 2012.)

**Table 443. Percentage of college students 16 to 24 years old who were employed, by attendance status, hours worked per week, and selected characteristics: October 2011**

[Standard errors appear in parentheses]

Selected characteristic	Full-time students					Part-time students				
	Percent employed <sup>2</sup>	Hours worked per week <sup>1</sup>			Percent employed <sup>2</sup>	Hours worked per week <sup>1</sup>			Percent employed <sup>2</sup>	Percent employed <sup>2</sup>
		Less than 20 hours	20 to 34 hours	35 or more hours		Less than 20 hours	20 to 34 hours	35 or more hours		
1	2	3	4	5	6	7	8	9	10	11
<b>Total .....</b>	<b>41.3 (0.94)</b>	<b>15.8 (0.67)</b>	<b>17.4 (0.66)</b>	<b>7.0 (0.44)</b>	<b>75.5 (1.93)</b>	<b>9.7 (1.21)</b>	<b>28.4 (1.99)</b>	<b>35.5 (2.16)</b>		
<b>Sex .....</b>										
Male .....	38.0 (1.29)	13.1 (0.84)	17.0 (1.02)	7.0 (0.64)	77.3 (2.72)	8.0 (1.63)	27.8 (2.89)	39.9 (3.19)		
Female .....	44.1 (1.32)	18.3 (0.98)	17.7 (0.90)	7.0 (0.64)	73.7 (2.66)	11.3 (1.87)	28.9 (2.65)	31.1 (2.90)		
<b>Race/ethnicity .....</b>										
White .....	46.1 (1.13)	18.2 (0.91)	18.8 (0.79)	7.7 (0.55)	80.1 (2.25)	12.1 (1.73)	29.8 (2.45)	35.6 (2.41)		
Black .....	32.1 (2.77)	11.6 (1.76)	14.4 (1.93)	5.7 (1.15)	66.8 (6.39)	† (†)	18.3 (4.76)	41.9 (6.88)		
Hispanic .....	36.2 (2.49)	12.5 (1.73)	17.4 (1.98)	5.5 (1.15)	71.3 (4.23)	7.2 † (2.40)	28.2 (4.24)	35.4 (4.35)		
Asian .....	24.7 (2.96)	10.5 (1.76)	8.4 (1.89)	5.0 (1.35)	† (†)	† (†)	† (†)	† (†)		
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	35.5 (6.28)	8.8 † (3.62)	19.7 (5.58)	† (†)	† (†)	† (†)	† (†)	† (†)		
<b>Level and control of institution .....</b>										
2-year .....	45.4 (1.91)	14.8 (1.40)	22.1 (1.44)	7.8 (0.97)	73.3 (2.49)	11.8 (1.70)	27.3 (3.01)	31.9 (3.12)		
Public .....	45.6 (2.00)	14.7 (1.45)	22.1 (1.47)	8.1 (1.01)	73.6 (2.58)	11.3 (1.73)	27.5 (3.12)	32.4 (3.21)		
Private .....	41.6 (7.07)	16.0 (4.68)	21.2 (6.02)	† (†)	† (†)	† (†)	† (†)	† (†)		
4-year .....	39.9 (1.06)	16.1 (0.80)	15.8 (0.75)	6.7 (0.53)	77.9 (2.90)	7.4 (1.42)	29.5 (2.87)	39.4 (3.06)		
Public .....	41.0 (1.20)	15.0 (0.91)	17.6 (0.85)	7.4 (0.63)	77.5 (3.27)	7.8 (1.65)	28.4 (3.18)	39.7 (3.29)		
Private .....	36.3 (2.07)	20.0 (1.61)	10.1 (1.34)	4.5 (0.82)	79.4 (6.01)	† (†)	34.2 (7.03)	38.2 (7.67)		
<b>Student enrollment level .....</b>										
Undergraduate .....	41.0 (0.96)	15.9 (0.68)	17.6 (0.71)	6.4 (0.46)	73.6 (2.03)	10.7 (1.32)	28.4 (2.10)	32.7 (2.20)		
<b>Sex .....</b>										
Male .....	37.9 (1.35)	13.3 (0.90)	17.0 (1.04)	6.7 (0.68)	75.7 (2.93)	9.0 (1.81)	27.6 (3.17)	37.9 (3.40)		
Female .....	43.7 (1.31)	18.3 (0.98)	18.1 (0.95)	6.2 (0.62)	71.6 (2.81)	12.4 (2.10)	29.2 (2.76)	27.6 (2.94)		
<b>Race/ethnicity .....</b>										
White .....	45.7 (1.21)	18.5 (0.97)	19.0 (0.85)	6.9 (0.56)	78.3 (2.49)	13.5 (1.94)	29.9 (2.60)	32.4 (2.53)		
Black .....	31.9 (2.81)	11.6 (1.81)	14.4 (2.01)	5.4 (1.12)	62.0 (7.15)	† (†)	20.7 (5.45)	35.3 (7.42)		
Hispanic .....	35.8 (2.48)	12.0 (1.60)	17.4 (2.00)	5.6 (1.18)	71.1 (4.30)	7.5 † (2.48)	29.2 (4.42)	33.9 (4.43)		
Asian .....	25.1 (3.11)	10.8 (1.81)	8.7 (2.06)	5.1 (1.49)	† (†)	† (†)	† (†)	† (†)		
Pacific Islander .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
American Indian/Alaska Native .....	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)		
Two or more races .....	38.1 (6.54)	9.2 † (3.97)	21.3 (5.94)	† (†)	† (†)	† (†)	† (†)	† (†)		
<b>Level and control of institution .....</b>										
2-year .....	45.2 (1.90)	14.5 (1.36)	22.1 (1.46)	7.9 (0.98)	73.9 (2.45)	11.9 (1.73)	27.3 (2.98)	32.4 (3.21)		
Public .....	45.4 (1.98)	14.4 (1.41)	22.2 (1.49)	8.1 (1.02)	74.1 (2.56)	11.3 (1.75)	27.4 (3.09)	32.8 (3.31)		
Private .....	42.1 (7.30)	16.4 (4.84)	21.9 (6.20)	† (†)	† (†)	† (†)	† (†)	† (†)		
4-year .....	39.4 (1.09)	16.4 (0.82)	15.9 (0.81)	5.9 (0.54)	73.2 (3.39)	9.2 (1.75)	30.0 (3.23)	33.1 (3.18)		
Public .....	40.2 (1.23)	15.1 (0.91)	17.4 (0.90)	6.7 (0.63)	73.0 (3.94)	9.7 (2.07)	27.8 (3.50)	34.7 (3.47)		
Private .....	36.6 (2.29)	21.3 (1.76)	10.4 (1.54)	3.3 (0.73)	74.3 (7.08)	† (†)	39.7 (7.95)	25.7 (7.44)		
Graduate .....	45.2 (3.63)	14.2 (2.91)	15.0 (2.59)	14.6 (2.27)	90.6 (3.67)	† (†)	27.6 (5.75)	58.1 (6.00)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

\*Excludes those who were employed but not at work during the survey week; therefore, detail may not sum to total percentage employed. "Hours worked per week" refers to the number of hours worked at all jobs during the survey week.

<sup>2</sup>Includes those who were employed but not at work during the survey week.

NOTE: Students were classified as full time if they were taking at least 12 hours of classes (or at least 9 hours of graduate classes) during an average school week and as part time if they were taking fewer hours. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2011. (This table was prepared November 2012.)



**Table 444. Labor force status of 2009, 2010, and 2011 high school completers, by college enrollment status, sex, and race/ethnicity: October 2009, 2010, and 2011**

[Standard errors appear in parentheses]

Selected characteristic	Total number of high school completers (in thousands)	Percent of high school completers		Percentage distribution of all high school completers				Labor force participation rate of all high school completers <sup>1</sup>	High school completers in civilian labor force <sup>2</sup>					High school completers not in labor force (in thousands)
		Separately for those enrolled in college vs. those not enrolled	For all high school completers	Employed	Unemployed (seeking employment)	Not in labor force	Number (in thousands)			Unemployment rate				
							Total, all completers in labor force		Employed		Unemployed (seeking employment)			
1	2	3	4	5	6	7	8	9	10	11	12	13		
2009 high school completers <sup>3</sup>														
Total.....	2,937 (112.6)	‡ (†)	(†)	100.0 (†)	36.1 (1.55)	14.3 (1.14)	49.5 (1.25)	50.5 (1.62)	1,482 (67.2)	1,062 (56.9)	421 (36.0)	28.4 (2.06)	1,455 (51.5)	
Male.....	1,407 (78.1)	‡ (†)	(†)	47.9 (2.00)	36.5 (2.21)	15.0 (1.64)	48.5 (2.30)	51.5 (2.30)	724 (46.2)	513 (38.9)	211 (25.0)	29.1 (2.91)	683 (44.9)	
Female.....	1,531 (81.1)	‡ (†)	(†)	52.1 (2.00)	35.8 (2.04)	13.7 (1.47)	50.5 (2.13)	49.5 (2.13)	758 (45.7)	549 (38.9)	210 (24.1)	27.7 (2.71)	772 (46.2)	
White.....	1,863 (89.6)	‡ (†)	(†)	63.4 (1.92)	40.6 (1.99)	13.5 (1.39)	45.9 (1.56)	54.1 (2.02)	1,009 (55.5)	757 (48.1)	252 (27.9)	24.9 (2.40)	854 (39.5)	
Black.....	415 (50.8)	‡ (†)	(†)	14.1 (1.67)	24.3 (3.91)	16.9 (3.42)	58.8 (4.49)	41.2 (4.49)	171 (24.2)	101 (18.6)	‡ (†)	41.0 (6.99)	244 (28.9)	
Hispanic.....	459 (69.6)	‡ (†)	(†)	15.6 (2.26)	31.9 (4.05)	15.0 (3.10)	53.1 (4.33)	46.9 (4.33)	215 (27.1)	146 (22.4)	‡ (†)	31.9 (5.91)	243 (28.8)	
Enrolled in college, 2009.....	2,058 (64.4)	100.0 (†)	(†)	70.1 (1.23)	32.1 (1.80)	10.0 (1.16)	57.9 (1.47)	42.1 (1.91)	867 (51.4)	662 (45.0)	205 (25.2)	23.7 (2.54)	1,192 (46.6)	
Male.....	928 (43.4)	45.1 (1.60)	(†)	31.6 (1.25)	31.7 (2.63)	9.1 (1.62)	59.2 (2.78)	40.8 (2.78)	379 (33.5)	294 (29.5)	84 (15.8)	22.2 (3.68)	550 (40.3)	
Female.....	1,130 (47.6)	54.9 (1.60)	(†)	38.5 (1.31)	32.5 (2.32)	10.7 (1.53)	56.8 (2.46)	43.2 (2.46)	488 (36.8)	367 (31.9)	121 (18.3)	24.8 (3.26)	642 (42.1)	
2-year.....	813 (41.2)	39.5 (1.57)	(†)	27.7 (1.21)	43.9 (3.05)	15.4 (2.22)	40.8 (2.33)	59.2 (3.02)	482 (38.4)	357 (33.0)	125 (19.7)	25.9 (3.51)	332 (24.6)	
4-year.....	1,245 (50.6)	60.5 (1.57)	(†)	42.4 (1.33)	24.5 (2.13)	6.4 (1.22)	69.1 (1.77)	30.9 (2.29)	385 (34.3)	305 (30.6)	80 (15.7)	20.8 (3.64)	860 (39.6)	
Full-time students.....	1,885 (61.8)	91.6 (0.89)	(†)	64.2 (1.29)	29.6 (1.84)	9.1 (1.17)	61.3 (1.52)	38.7 (1.96)	729 (47.2)	558 (41.3)	172 (23.0)	23.5 (2.76)	1,156 (45.9)	
Part-time students.....	173 (19.2)	8.4 (0.89)	(†)	5.9 (0.63)	60.1 (6.52)	19.2 (5.27)	20.7 (4.17)	79.3 (5.39)	137 (20.5)	104 (17.9)	‡ (†)	24.2 (6.43)	‡ (†)	
White.....	1,329 (51.7)	64.6 (1.54)	(†)	45.2 (1.34)	34.8 (2.29)	9.6 (1.42)	55.6 (1.85)	44.4 (2.39)	591 (42.5)	463 (37.6)	128 (19.9)	21.6 (2.98)	739 (36.7)	
Black.....	289 (25.7)	14.0 (1.19)	(†)	9.8 (0.85)	23.4 (4.63)	10.6 (3.37)	66.0 (5.18)	34.0 (5.18)	98 (18.4)	‡ (†)	‡ (†)	31.2 (8.69)	190 (25.5)	
Hispanic.....	272 (26.8)	13.2 (1.24)	(†)	9.3 (0.89)	29.9 (5.16)	9.0 (3.23)	61.0 (5.49)	39.0 (5.49)	106 (19.1)	81 (16.7)	‡ (†)	23.2 (7.62)	166 (23.9)	
Not enrolled in college, 2009.....	879 (42.8)	100.0 (†)	(†)	29.9 (1.23)	45.5 (2.94)	24.5 (2.55)	30.0 (2.09)	70.0 (2.71)	616 (43.4)	400 (35.0)	216 (25.8)	35.0 (3.38)	263 (22.0)	
Male.....	478 (31.5)	54.4 (2.45)	(†)	16.3 (0.99)	45.7 (3.93)	26.5 (3.48)	27.8 (3.53)	72.2 (3.53)	345 (32.0)	219 (25.5)	127 (19.4)	36.7 (4.47)	133 (19.8)	
Female.....	401 (28.9)	45.6 (2.45)	(†)	13.6 (0.92)	45.2 (4.15)	22.2 (3.46)	32.6 (3.90)	67.4 (3.90)	270 (27.4)	181 (22.4)	89 (15.7)	32.9 (4.77)	130 (19.0)	
White.....	534 (33.3)	60.8 (2.40)	(†)	18.2 (1.04)	55.1 (3.77)	23.2 (3.21)	21.7 (2.41)	78.3 (3.12)	418 (35.8)	294 (30.0)	124 (19.6)	29.6 (3.93)	116 (14.6)	
Black.....	126 (17.2)	14.4 (1.84)	(†)	4.3 (0.58)	26.4 (7.29)	31.3 (7.66)	42.3 (8.17)	57.7 (8.17)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	
Hispanic.....	186 (22.3)	21.2 (2.28)	(†)	6.3 (0.75)	34.9 (6.49)	23.6 (5.78)	41.5 (6.71)	58.5 (6.71)	109 (19.4)	‡ (†)	‡ (†)	40.4 (8.73)	‡ (†)	
2010 high school completers <sup>3,4</sup>														
Total.....	3,160 (91.8)	‡ (†)	(†)	100.0 (†)	37.3 (1.73)	14.4 (1.18)	48.3 (1.77)	51.7 (1.77)	1,633 (70.7)	1,179 (64.9)	454 (38.1)	27.8 (2.14)	1,528 (74.0)	
Male.....	1,679 (64.6)	‡ (†)	(†)	53.1 (1.30)	39.3 (2.31)	15.9 (1.71)	44.8 (2.26)	55.2 (2.26)	926 (51.5)	659 (49.2)	267 (28.2)	28.9 (2.91)	752 (48.0)	
Female.....	1,482 (58.4)	‡ (†)	(†)	46.9 (1.30)	35.1 (2.32)	12.6 (1.50)	52.3 (2.52)	47.7 (2.52)	706 (45.2)	520 (38.0)	187 (23.9)	26.4 (2.85)	775 (49.5)	
White.....	1,937 (68.7)	‡ (†)	(†)	61.3 (1.41)	40.9 (2.18)	12.9 (1.34)	46.2 (2.10)	53.8 (2.10)	1,041 (55.1)	792 (52.1)	249 (26.7)	23.9 (2.43)	896 (51.7)	
Black.....	461 (36.9)	‡ (†)	(†)	14.6 (1.11)	24.5 (3.74)	23.3 (4.22)	52.2 (4.50)	47.8 (4.50)	220 (27.2)	113 (19.8)	107 (20.9)	48.7 (6.96)	241 (28.3)	
Hispanic.....	507 (37.3)	‡ (†)	(†)	16.0 (1.05)	42.5 (4.60)	12.3 (2.68)	45.1 (4.60)	54.9 (4.60)	278 (30.6)	215 (27.9)	‡ (†)	22.5 (4.71)	229 (29.1)	
Enrolled in college, 2010.....	2,152 (78.8)	100.0 (†)	(†)	68.1 (1.49)	30.9 (1.94)	9.1 (1.22)	60.0 (2.13)	40.0 (2.13)	860 (51.9)	664 (46.9)	196 (26.4)	22.8 (2.77)	1,292 (70.3)	
Male.....	1,055 (50.5)	49.0 (1.64)	(†)	33.4 (1.24)	30.1 (2.67)	11.0 (1.81)	58.9 (3.05)	41.1 (3.05)	433 (37.4)	317 (31.7)	116 (19.6)	26.8 (3.87)	621 (44.8)	
Female.....	1,097 (55.2)	51.0 (1.64)	(†)	34.7 (1.44)	31.6 (2.68)	7.3 (1.52)	61.1 (2.84)	38.9 (2.84)	427 (37.4)	347 (34.0)	‡ (†)	18.7 (3.66)	670 (46.3)	
2-year.....	842 (55.9)	39.2 (2.02)	(†)	39.2 (2.02)	42.6 (3.21)	9.8 (1.93)	47.6 (3.43)	52.4 (3.43)	441 (39.3)	359 (36.1)	‡ (†)	18.7 (3.39)	401 (41.0)	
4-year.....	1,309 (61.1)	60.9 (2.02)	(†)	60.9 (2.02)	23.3 (2.14)	8.7 (1.50)	68.0 (2.33)	32.0 (2.33)	419 (35.5)	305 (30.9)	114 (20.4)	27.1 (4.25)	890 (52.5)	
Full-time students.....	1,946 (76.2)	90.4 (1.11)	(†)	90.4 (1.11)	27.6 (1.91)	9.1 (1.24)	63.3 (2.16)	36.7 (2.16)	714 (48.1)	537 (41.6)	176 (24.7)	24.7 (3.01)	1,233 (67.2)	
Part-time students.....	206 (24.7)	9.6 (1.11)	(†)	9.6 (1.11)	61.7 (5.96)	9.5 (3.27)	28.7 (5.55)	71.3 (5.55)	147 (21.0)	127 (19.9)	‡ (†)	13.4 (4.54)	‡ (†)	

See notes at end of table.

**Table 444. Labor force status of 2009, 2010, and 2011 high school completers, by college enrollment status, sex, and race/ethnicity: October 2009, 2010, and 2011—Continued**  
[Standard errors appear in parentheses]

Selected characteristic	Total number of high school completers (in thousands)	Percent of high school completers		Percentage distribution of all high school completers			Labor force participation rate of all high school completers¹	High school completers in civilian labor force²						High school completers not in labor force (in thousands)
		Separately for those enrolled in college vs. those not enrolled	For all high school completers	Employed	Unemployed (seeking employment)	Not in labor force		Number (in thousands)			Unemployment rate			
								Total, all completers in labor force	Employed	Unemployed (seeking employment)				
1	2	3	4	5	6	7	8	9	10	11	12	13		
White.....	1,365 (56.9)	63.5 (1.81)	43.2 (1.40)	34.3 (2.41)	9.1 (1.39)	56.7 (2.51)	43.3 (2.51)	592 (41.0)	468 (37.6)	124 (19.4)	21.0 (3.03)	774 (48.7)		
Black .....	286 (33.4)	13.3 (1.42)	9.1 (1.01)	22.4 (4.79)	13.3 ! (4.58)	64.2 (5.48)	35.8 (5.48)	‡ (†)	‡ (†)	‡ (†)	‡ (†)	184 (26.3)		
Hispanic.....	302 (31.5)	14.1 (1.30)	9.6 (0.96)	30.8 (5.59)	6.8 ! (2.60)	62.4 (5.72)	37.6 (5.72)	114 (20.6)	93 (19.1)	‡ (†)	18.1 ! (6.83)	189 (26.8)		
Not enrolled in college, 2010 .....	1,009 (54.9)	100.0 (†)	31.9 (1.49)	51.0 (2.98)	25.6 (2.38)	23.4 (2.29)	76.6 (2.29)	773 (49.7)	515 (42.9)	258 (27.4)	33.4 (3.07)	236 (25.4)		
Male .....	624 (40.4)	61.9 (2.77)	19.7 (1.15)	54.8 (3.66)	24.2 (2.99)	21.0 (2.67)	79.0 (2.67)	493 (38.9)	342 (35.6)	151 (19.9)	30.7 (3.75)	131 (17.0)		
Female.....	385 (37.4)	38.1 (2.77)	12.2 (1.13)	45.0 (4.64)	27.8 (3.95)	27.3 (4.11)	72.7 (4.11)	280 (30.8)	173 (24.6)	107 (17.8)	38.2 (5.13)	105 (19.2)		
White.....	571 (39.3)	56.7 (2.72)	18.1 (1.13)	56.8 (3.94)	21.9 (3.02)	21.4 (3.15)	78.6 (3.15)	449 (36.0)	324 (33.6)	125 (18.1)	27.8 (3.79)	122 (19.7)		
Black .....	175 (24.9)	17.3 (2.11)	5.5 (0.80)	27.8 (6.61)	39.6 (6.95)	32.6 (6.23)	67.4 (6.23)	118 (21.7)	‡ (†)	‡ (†)	58.7 (9.00)	‡ (†)		
Hispanic.....	204 (25.4)	20.3 (2.34)	6.5 (0.76)	59.9 (5.86)	20.5 (5.10)	19.6 (5.11)	80.4 (5.11)	164 (23.9)	122 (19.9)	‡ (†)	25.5 (6.01)	‡ (†)		
2011 high school completers³,⁴														
Total .....	3,079 (88.3)	‡ (†)	100.0 (†)	35.2 (1.40)	12.9 (1.12)	51.9 (1.60)	48.1 (1.60)	1,482 (58.7)	1,084 (50.0)	398 (34.8)	26.8 (2.01)	1,597 (73.3)		
Male.....	1,611 (60.6)	‡ (†)	52.3 (1.30)	34.1 (2.00)	16.0 (1.62)	49.8 (2.40)	50.2 (2.40)	808 (46.2)	551 (36.3)	258 (27.3)	31.9 (2.67)	802 (51.6)		
Female.....	1,468 (58.4)	‡ (†)	47.7 (1.30)	36.3 (2.22)	9.5 (1.32)	54.1 (2.28)	45.9 (2.28)	674 (40.4)	534 (37.3)	140 (19.7)	20.8 (2.69)	795 (48.6)		
White .....	1,747 (60.6)	‡ (†)	56.7 (1.38)	42.7 (1.85)	10.2 (1.25)	47.1 (2.15)	52.9 (2.15)	925 (46.9)	746 (39.7)	179 (22.4)	19.3 (2.08)	822 (49.5)		
Black .....	464 (36.1)	‡ (†)	15.1 (1.08)	23.1 (3.76)	17.5 (3.65)	59.4 (4.49)	40.6 (4.49)	189 (25.6)	107 (20.8)	‡ (†)	43.2 (7.23)	275 (29.2)		
Hispanic.....	623 (42.0)	‡ (†)	20.2 (1.20)	28.4 (3.25)	15.9 (2.72)	55.7 (3.60)	44.3 (3.60)	276 (29.2)	177 (23.6)	99 (18.0)	35.9 (5.33)	347 (32.0)		
Enrolled in college, 2011 .....	2,101 (77.2)	100.0 (†)	68.2 (1.45)	30.4 (1.69)	8.2 (1.17)	61.4 (1.92)	38.6 (1.92)	810 (49.2)	638 (42.1)	1728 (25.1)	21.2 (2.68)	1,291 (63.1)		
Male .....	1,041 (55.6)	49.6 (1.70)	33.8 (1.44)	26.2 (2.33)	10.1 (1.96)	63.7 (2.86)	36.3 (2.86)	378 (35.7)	273 (27.2)	1064 (21.6)	27.9 (4.47)	663 (46.2)		
Female.....	1,060 (49.1)	50.4 (1.70)	34.4 (1.29)	34.5 (2.57)	6.3 (1.15)	59.2 (2.62)	40.8 (2.62)	432 (34.3)	365 (32.4)	‡ (†)	15.3 (2.73)	628 (40.0)		
2-year.....	798 (49.2)	38.0 (1.89)	25.9 (1.49)	38.0 (3.07)	11.8 (2.32)	50.3 (3.30)	49.7 (3.30)	397 (36.0)	303 (30.0)	94 (19.8)	23.7 (4.21)	401 (35.9)		
4-year.....	1,303 (62.2)	62.0 (1.89)	42.3 (1.44)	25.7 (2.08)	6.0 (1.23)	68.3 (2.14)	31.7 (2.14)	413 (33.8)	336 (32.2)	78 (15.9)	18.9 (3.67)	890 (51.2)		
Full-time students .....	1,930 (74.2)	91.9 (1.11)	62.7 (1.42)	27.0 (1.71)	7.9 (1.20)	65.1 (1.95)	34.9 (1.95)	674 (44.0)	522 (36.8)	152 (24.0)	22.6 (3.02)	1,256 (63.0)		
Part-time students.....	170 (24.1)	8.1 (1.11)	5.5 (0.78)	68.3 (6.42)	11.4 ! (4.38)	20.3 (4.97)	79.7 (4.97)	136 (20.8)	116 (18.8)	‡ (†)	14.3 ! (5.53)	‡ (†)		
White.....	1,193 (52.9)	56.8 (1.73)	38.7 (1.43)	37.4 (2.27)	6.4 (1.33)	56.2 (2.69)	43.8 (2.69)	522 (40.1)	446 (33.1)	‡ (†)	14.6 (2.66)	670 (43.0)		
Black .....	312 (31.6)	14.8 (1.44)	10.1 (0.96)	19.9 (4.50)	7.7 ! (3.02)	72.4 (4.76)	27.6 (4.76)	86 (17.2)	‡ (†)	‡ (†)	28.0 ! (10.19)	226 (26.9)		
Hispanic.....	415 (33.9)	19.7 (1.39)	13.5 (1.02)	24.9 (3.96)	12.5 (3.31)	62.6 (4.45)	37.4 (4.45)	155 (22.3)	103 (18.5)	‡ (†)	33.5 (7.70)	260 (28.0)		
Not enrolled in college, 2011 .....	978 (51.1)	100.0 (†)	31.8 (1.45)	45.6 (2.88)	23.1 (2.58)	31.3 (2.74)	68.7 (2.74)	672 (42.5)	446 (34.7)	226 (27.9)	33.6 (3.40)	306 (32.3)		
Male .....	569 (38.2)	58.2 (2.65)	18.5 (1.20)	48.8 (3.94)	26.7 (3.33)	24.5 (3.42)	75.5 (3.42)	430 (34.3)	278 (27.4)	152 (22.5)	35.4 (4.17)	139 (21.7)		
Female.....	409 (34.4)	41.8 (2.65)	13.3 (1.03)	41.1 (4.39)	18.0 (3.43)	40.8 (4.77)	59.2 (4.77)	242 (24.5)	168 (21.8)	74 (13.9)	30.5 (5.11)	167 (26.5)		
White.....	554 (37.4)	56.7 (2.58)	18.0 (1.14)	54.1 (3.72)	18.5 (2.97)	27.4 (3.32)	72.6 (3.32)	402 (31.6)	300 (26.6)	103 (18.4)	25.5 (3.89)	152 (21.7)		
Black .....	152 (21.3)	15.6 (2.01)	5.0 (0.69)	29.7 (6.97)	37.6 (7.13)	32.6 (7.91)	67.4 (7.91)	103 (19.8)	‡ (†)	‡ (†)	55.9 (8.44)	‡ (†)		
Hispanic.....	208 (26.8)	21.3 (2.38)	6.8 (0.84)	35.4 (6.04)	22.6 (5.12)	42.0 (6.75)	58.0 (6.75)	121 (19.4)	74 (15.0)	‡ (†)	39.0 (7.47)	‡ (†)		

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met (too few cases for a reliable estimate).

<sup>1</sup>The labor force participation rate is the percentage of persons who are either employed or seeking employment.

<sup>2</sup>The labor force includes all employed persons plus those seeking employment. The unemployment rate is the percentage of persons in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>3</sup>Includes 16- to 24-year-olds who completed high school between October of the previous year and October of the given year. Includes recipients of equivalency credentials as well as diploma recipients.

<sup>4</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years.

NOTE: Data are for October of given year. Data are based on sample surveys of the civilian noninstitutional population. Percentages are only shown when the base is 75,000 or greater. Totals include race categories not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October 2009, 2010, and 2011. (This table was prepared October 2012.)

**Table 445. Labor force status of high school dropouts, by sex and race/ethnicity: October, selected years, 1980 through 2011**  
[Standard errors appear in parentheses]

Year, sex, and race/ethnicity	Number of dropouts (in thousands)	Percent of all dropouts	Percentage distribution of dropouts			Labor force participation rate of dropouts <sup>1</sup>	Dropouts in civilian labor force <sup>2</sup>			Dropouts not in labor force (in thousands)
			Employed	Unemployed (seeking employment)	Not in labor force		Number (in thousands)		Unemployment rate	
							Total	Unemployed (seeking employment)		
1	2	3	4	5	6	7	8	9	10	11
<b>All dropouts</b>										
1980.....	738 (44.0)	100.0 (†)	43.8 (2.97)	20.0 (2.37)	36.2 (2.87)	63.8 (2.87)	471 (35.2)	148 (19.5)	31.4 (3.44)	267 (26.5)
1985.....	610 (42.3)	100.0 (†)	43.5 (3.45)	24.0 (2.94)	32.5 (3.25)	67.5 (3.25)	412 (34.8)	147 (20.6)	35.6 (4.01)	198 (24.1)
1990.....	412 (36.0)	100.0 (†)	46.3 (4.37)	21.6 (3.57)	32.2 (4.09)	67.8 (4.09)	279 (29.7)	89 (16.6)	31.8 (4.90)	132 (20.4)
1995.....	604 (43.6)	100.0 (†)	47.7 (3.61)	20.0 (2.86)	32.3 (3.38)	67.7 (3.38)	409 (35.9)	121 (19.3)	29.6 (3.97)	195 (24.8)
2000.....	515 (28.5)	100.0 (†)	48.7 (2.77)	19.2 (3.01)	32.0 (2.59)	68.0 (2.59)	350 (23.5)	99 (17.2)	28.1 (4.16)	165 (16.2)
2005.....	407 (35.3)	100.0 (†)	38.3 (4.22)	18.9 (3.42)	42.8 (3.32)	57.2 (4.30)	233 (26.7)	77 (15.4)	32.9 (5.42)	174 (17.9)
2009.....	383 (34.3)	100.0 (†)	21.8 (3.69)	26.7 (3.98)	51.5 (3.46)	48.5 (4.47)	186 (23.9)	103 (17.8)	55.1 (6.42)	198 (19.0)
2010 <sup>3</sup> .....	340 (29.0)	100.0 (†)	30.9 (4.24)	23.0 (4.29)	46.1 (4.78)	53.9 (4.78)	183 (21.5)	78 (16.0)	42.7 (6.67)	157 (21.9)
2011 <sup>3</sup> .....	372 (33.4)	100.0 (†)	33.9 (4.09)	21.1 (4.18)	44.9 (4.78)	55.1 (4.78)	205 (24.2)	79 (15.9)	38.4 (6.26)	167 (24.5)
<b>Male</b>										
1980.....	422 (32.5)	57.2 (2.89)	50.3 (3.86)	22.0 (3.20)	27.7 (3.45)	72.3 (3.45)	305 (27.7)	93 (15.3)	30.5 (4.18)	117 (17.1)
1985.....	319 (29.9)	52.3 (3.39)	50.8 (4.69)	30.6 (4.32)	18.6 (3.65)	81.4 (3.65)	260 (27.0)	98 (16.6)	37.6 (5.04)	59 (12.9)
1990.....	217 (25.6)	52.8 (4.27)	51.3 (5.89)	28.0 (5.29)	20.7 (4.77)	79.3 (4.77)	172 (22.8)	61 (13.5)	35.3 (6.32)	45 (11.6)
1995.....	339 (31.5)	56.2 (3.45)	52.8 (4.64)	21.3 (3.80)	26.0 (4.07)	74.0 (4.07)	251 (27.1)	72 (14.5)	28.7 (4.88)	88 (16.1)
2000.....	295 (29.3)	57.3 (3.73)	74.6 (4.34)	18.2 (3.85)	25.6 (4.35)	74.4 (4.35)	220 (25.3)	† (†)	24.5 (4.96)	76 (14.9)
2005.....	227 (25.9)	55.8 (4.24)	59.9 (5.61)	21.6 (4.71)	40.3 (5.61)	59.7 (5.61)	136 (20.1)	† (†)	35.9 (7.09)	91 (16.4)
2009.....	205 (24.6)	53.4 (4.39)	27.5 (5.37)	33.5 (5.68)	39.1 (5.88)	60.9 (5.88)	125 (19.2)	69 (14.3)	54.9 (7.68)	80 (15.4)
2010 <sup>3</sup> .....	179 (21.3)	52.7 (4.17)	25.9 (4.96)	17.2 (4.40)	56.9 (5.70)	43.1 (5.70)	77 (12.4)	† (†)	39.8 (8.62)	102 (17.2)
2011 <sup>3</sup> .....	204 (24.5)	54.7 (4.00)	42.1 (5.91)	16.0 (4.85)	41.8 (6.25)	58.2 (6.25)	118 (18.1)	† (†)	27.5 (7.53)	85 (17.4)
<b>Female</b>										
1980.....	316 (27.0)	42.8 (2.77)	35.0 (4.08)	17.4 (3.24)	47.6 (4.28)	52.4 (4.28)	165 (19.6)	55 (11.3)	33.2 (5.57)	150 (18.7)
1985.....	291 (27.4)	47.7 (3.25)	35.5 (4.51)	16.8 (3.52)	47.8 (4.71)	52.2 (4.71)	152 (19.8)	49 (11.2)	32.1 (6.09)	139 (18.9)
1990.....	194 (23.2)	47.2 (4.10)	55.0 (5.94)	14.4 (4.19)	45.0 (5.94)	55.0 (5.94)	107 (17.2)	† (†)	26.1 (7.08)	87 (15.6)
1995.....	265 (26.6)	43.8 (3.31)	59.5 (4.95)	18.4 (3.91)	40.5 (4.95)	59.5 (4.95)	157 (20.6)	† (†)	30.9 (6.05)	107 (17.0)
2000.....	220 (24.3)	42.7 (3.58)	59.5 (5.43)	20.3 (4.45)	40.6 (5.43)	59.4 (5.43)	131 (18.8)	† (†)	34.2 (6.80)	90 (15.6)
2005.....	180 (22.4)	44.2 (4.11)	53.9 (6.20)	15.6 (4.51)	46.0 (6.20)	54.0 (6.20)	97 (16.4)	† (†)	28.8 (7.67)	83 (15.2)
2009.....	179 (22.3)	46.6 (4.25)	34.2 (5.92)	19.0 (4.90)	65.8 (5.92)	34.2 (5.92)	61 (13.0)	† (†)	† (†)	117 (18.1)
2010 <sup>3</sup> .....	161 (19.3)	47.3 (4.17)	36.4 (6.46)	29.6 (7.15)	34.0 (6.82)	66.0 (6.82)	106 (17.0)	† (†)	44.8 (9.14)	† (†)
2011 <sup>3</sup> .....	169 (20.4)	45.3 (4.00)	24.1 (5.60)	27.3 (6.92)	48.7 (7.45)	51.3 (7.45)	87 (14.9)	† (†)	53.1 (9.84)	82 (17.0)
<b>White</b>										
1980.....	489 (35.9)	66.2 (2.83)	50.3 (3.67)	18.0 (2.79)	31.7 (3.42)	68.3 (3.42)	334 (29.7)	88 (15.1)	26.3 (3.87)	155 (20.2)
1985.....	354 (32.3)	58.1 (3.43)	49.2 (4.56)	23.3 (3.82)	27.5 (4.07)	72.5 (4.07)	257 (27.5)	83 (15.4)	32.2 (4.95)	98 (16.9)
1990.....	242 (27.6)	58.8 (4.31)	75.0 (4.95)	18.7 (4.41)	25.0 (4.95)	75.0 (4.95)	181 (23.9)	† (†)	25.0 (5.65)	60 (13.8)
1995.....	316 (31.6)	52.3 (3.61)	69.9 (4.59)	18.3 (3.83)	30.1 (4.59)	69.9 (4.59)	221 (26.4)	† (†)	26.2 (5.21)	95 (17.3)
2000.....	288 (21.4)	55.9 (2.76)	76.6 (3.14)	16.5 (3.79)	23.4 (3.14)	76.6 (3.14)	221 (18.7)	† (†)	21.5 (4.79)	† (†)
2005.....	194 (24.4)	47.6 (4.34)	60.3 (6.16)	20.0 (5.05)	39.7 (6.16)	60.3 (6.16)	117 (18.9)	† (†)	33.2 (7.67)	77 (15.4)
2009.....	164 (22.5)	42.9 (4.43)	58.0 (6.74)	24.1 (5.87)	42.0 (6.74)	58.0 (6.74)	95 (17.1)	† (†)	41.5 (8.88)	69 (14.6)
2010 <sup>3</sup> .....	148 (18.9)	43.5 (4.57)	31.4 (6.58)	20.4 (5.46)	48.3 (6.82)	51.7 (6.82)	77 (13.6)	† (†)	39.4 (9.52)	71 (14.1)
2011 <sup>3</sup> .....	181 (25.3)	48.5 (4.76)	32.8 (5.71)	18.2 (5.05)	49.0 (6.21)	51.0 (6.21)	92 (15.9)	† (†)	35.7 (8.57)	88 (17.6)
<b>Black</b>										
1980.....	141 (19.9)	19.1 (2.43)	49.3 (7.09)	28.4 (6.40)	50.7 (7.09)	49.3 (7.09)	69 (14.0)	† (†)	† (†)	71 (14.2)
1985.....	130 (20.2)	21.4 (2.95)	52.5 (7.78)	22.7 (6.52)	47.5 (7.78)	52.5 (7.78)	68 (14.7)	† (†)	† (†)	62 (14.0)
1990.....	82 (16.6)	19.9 (3.62)	66.1 (9.64)	35.2 (9.74)	33.9 (9.64)	66.1 (9.64)	† (†)	† (†)	† (†)	† (†)
1995.....	104 (18.5)	17.2 (2.79)	59.2 (8.75)	25.8 (7.78)	40.8 (8.75)	59.2 (8.75)	† (†)	† (†)	† (†)	† (†)
2000.....	106 (18.7)	20.6 (3.24)	52.2 (8.80)	25.5 (7.68)	47.8 (8.80)	52.2 (8.80)	† (†)	† (†)	† (†)	† (†)
2005.....	108 (19.3)	26.5 (4.07)	26.5 (7.89)	16.0 (6.56)	57.5 (8.84)	42.5 (8.84)	† (†)	† (†)	† (†)	† (†)
2009.....	77 (16.2)	20.0 (3.80)	† (†)	38.6 (10.33)	56.4 (10.53)	43.6 (10.53)	† (†)	† (†)	† (†)	† (†)
2010 <sup>3</sup> .....	† (†)	18.7 (3.94)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
2011 <sup>3</sup> .....	† (†)	19.1 (3.77)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
<b>Hispanic</b>										
1980.....	91 (18.9)	12.3 (2.41)	65.2 (9.94)	17.9 (8.00)	34.8 (9.94)	65.2 (9.94)	59 (15.3)	† (†)	† (†)	† (†)
1985.....	105 (18.2)	17.3 (2.72)	69.9 (7.95)	32.0 (8.09)	30.1 (7.95)	69.9 (7.95)	74 (15.2)	† (†)	† (†)	† (†)
1990.....	72 (15.6)	17.4 (3.44)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)	† (†)
1995.....	174 (23.8)	28.8 (3.34)	68.6 (6.40)	20.1 (5.52)	31.4 (6.40)	68.6 (6.40)	119 (19.7)	† (†)	29.3 (7.57)	† (†)
2000.....	101 (18.2)	19.6 (3.18)	61.1 (8.82)	22.2 (7.52)	38.9 (8.82)	61.1 (8.82)	† (†)	† (†)	† (†)	† (†)
2005.....	86 (17.2)	21.1 (3.76)	45.1 (9.96)	66.1 (9.64)	35.2 (9.74)	33.9 (9.64)	66 9.6	† (†)	† (†)	† (†)
2009.....	115 (19.9)	30.1 (4.35)	17.2 (6.53)	59.2 (8.75)	25.8 (7.78)	40.8 (8.75)	59 8.7	† (†)	† (†)	† (†)
2010 <sup>3</sup> .....	93 (15.8)	27.3 (3.95)	33.9 (8.72)	52.2 (8.80)	25.5 (7.68)	47.8 (8.80)	52 8.8	† (†)	† (†)	† (†)
2011 <sup>3</sup> .....	99 (17.4)	26.6 (4.14)	28.3 (7.34)	20.1 (6.43)	51.6 (8.76)	48.4 (8.76)	† (†)	† (†)	† (†)	† (†)

†Not applicable.

<sup>1</sup>Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>2</sup>Reporting standards not met (too few cases for a reliable estimate).

<sup>3</sup>The labor force participation rate is the percentage of persons who are either employed or seeking employment.

<sup>4</sup>The labor force includes all employed persons plus those seeking employment. The unemployment rate is the percentage of persons in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks.

<sup>5</sup>Beginning in 2010, standard errors were computed using replicate weights, which produced more precise values than the methodology used in prior years.

NOTE: Data are based on sample surveys of the civilian noninstitutional population. Data are for October of a given year. Dropouts are considered persons 16 to 24 years old who dropped out of school in the 12-month period ending in October of years shown. Includes dropouts from any grade, including a small number from elementary and middle schools. Percentages are only shown when the base is 75,000 or greater. Totals include race categories not separately shown. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Commerce, Census Bureau, Current Population Survey (CPS), October, selected years, 1980 through 2011. (This table was prepared October 2012.)

**Table 446. Among special education students out of high school up to 8 years, percentage attending and completing postsecondary education, living independently, and working competitively, by type of disability: 2007 and 2009**

[Standard errors appear in parentheses]

Year, postsecondary status and institution type, and living and employment status	All disabilities <sup>1</sup>	Specific learning disabilities	Speech or language impairments	Intellectual disability	Emotional disturbance	Hearing impairments	Orthopedic impairments	Other health impairments <sup>2</sup>	Visual impairments	Multiple disabilities	Deaf-blindness	Autism	Traumatic brain injury
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>2007 (out of high school up to 6 years)</b>													
Ever attended institution													
Any postsecondary .....	55.0 (2.62)	60.9 (3.88)	63.0 (3.77)	28.2 (3.65)	44.6 (4.36)	70.9 (4.61)	59.8 (4.59)	56.9 (4.14)	70.8 (5.23)	31.3 (5.28)	48.8 (6.83)	46.6 (5.25)	56.2 (7.49)
4-year.....	14.7 (1.87)	15.6 (2.89)	29.8 (3.57)	6.2 ! (1.96)	7.7 ! (2.34)	31.4 (4.71)	22.5 (3.91)	19.5 (3.31)	42.8 (5.70)	8.0 ! (3.08)	18.2 (5.28)	15.7 (3.82)	15.7 ! (5.49)
2-year.....	37.3 (2.55)	40.8 (3.91)	41.0 (3.84)	21.2 (3.32)	30.0 (4.02)	44.9 (5.05)	45.5 (4.66)	44.6 (4.16)	47.0 (5.74)	17.2 (4.29)	29.1 (6.21)	32.6 (4.93)	33.5 (7.12)
Vocational/technical .....	28.3 (2.37)	31.4 (3.69)	20.3 (3.14)	16.0 (2.97)	27.5 (3.92)	37.8 (4.92)	21.5 (3.84)	28.1 (3.76)	21.2 (4.71)	14.8 (4.04)	18.9 (5.35)	21.8 (4.35)	33.2 (7.11)
Graduation rate, by type of institution <sup>3</sup>													
Any postsecondary .....	38.4 (4.41)	37.5 (6.13)	48.4 (6.64)	40.0 (10.17)	41.1 (7.55)	38.9 (8.80)	35.7 (7.55)	33.8 (6.09)	49.7 (9.35)	32.1 ! (10.55)	± (†)	35.3 (10.36)	50.4 (12.59)
4-year.....	29.4 (8.30)	± (†)	39.8 ! (12.46)	± (†)	± (†)	37.2 ! (13.80)	35.7 ! (16.18)	± (†)	58.7 (13.84)	± (†)	± (†)	± (†)	± (†)
2-year.....	29.7 (4.83)	29.4 (6.81)	40.2 (7.79)	28.1 ! (11.70)	26.7 ! (8.47)	30.6 ! (10.78)	23.1 ! (8.41)	32.6 (6.63)	42.9 (11.33)	± (†)	± (†)	33.0 ! (13.39)	24.8 ! (12.11)
Vocational/technical .....	54.6 (7.22)	55.1 (9.66)	69.8 (10.43)	50.3 ! (15.09)	56.5 (11.38)	33.0 ! (14.56)	44.4 (11.95)	47.1 (11.65)	50.9 ! (19.67)	± (†)	± (†)	49.2 ! (15.05)	± (†)
Living independently <sup>4</sup> .....	35.7 (2.53)	40.6 (3.91)	30.4 (3.60)	21.2 (3.32)	34.4 (4.17)	28.5 (4.60)	14.0 (3.26)	30.8 (3.86)	31.3 (5.35)	10.6 ! (3.51)	13.7 ! (4.69)	11.8 (3.39)	24.8 (6.52)
Competitively employed <sup>5</sup>													
Currently .....	61.1 (2.86)	70.4 (4.12)	61.4 (4.17)	31.6 (4.22)	53.2 (4.94)	49.4 (5.85)	26.2 (4.36)	60.3 (4.51)	34.4 (5.98)	31.6 (6.13)	15.0 ! (5.46)	32.7 (5.63)	32.6 (7.47)
In the past 2 years .....	78.6 (2.27)	85.9 (2.92)	78.8 (3.30)	49.8 (4.32)	78.9 (3.77)	70.3 (4.93)	42.8 (4.62)	78.8 (3.54)	54.6 (5.97)	41.0 (5.99)	26.4 (6.17)	44.1 (5.40)	63.6 (7.50)
<b>2009 (out of high school up to 8 years)</b>													
Ever attended institution													
Any postsecondary .....	59.2 (2.64)	65.3 (3.93)	67.0 (3.62)	29.5 (3.62)	53.0 (4.53)	74.8 (4.24)	62.0 (4.42)	65.2 (4.05)	70.7 (5.01)	33.2 (5.09)	56.8 (7.09)	44.2 (4.66)	60.4 (7.40)
4-year.....	18.4 (2.08)	20.9 (3.36)	30.9 (3.56)	6.2 ! (1.92)	11.0 (2.84)	34.7 (4.66)	23.5 (3.87)	19.1 (3.34)	41.5 (5.43)	7.3 ! (2.82)	23.7 (6.09)	17.4 (3.56)	18.5 ! (5.87)
2-year.....	44.4 (2.67)	49.7 (4.13)	46.5 (3.86)	19.7 (3.16)	38.0 (4.40)	53.4 (4.88)	50.9 (4.57)	53.2 (4.25)	51.2 (5.51)	21.7 (4.45)	36.9 (6.91)	32.2 (4.39)	42.1 (7.47)
Vocational/technical .....	31.3 (2.49)	34.1 (3.92)	28.5 (3.48)	17.2 (2.99)	33.0 (4.27)	40.3 (4.79)	26.5 (4.03)	33.1 (4.00)	25.6 (4.81)	17.6 (4.11)	21.6 (5.89)	22.1 (3.90)	34.5 (7.20)
Currently attending institution													
Any postsecondary .....	15.1 (1.93)	17.3 (3.13)	20.1 (3.09)	± (†)	12.9 (3.04)	25.0 (4.23)	23.3 (3.87)	16.1 (3.13)	25.0 (4.79)	8.2 ! (2.99)	24.5 (6.19)	14.0 (3.26)	14.6 ! (5.34)
4-year.....	5.2 (1.20)	5.9 ! (1.95)	10.6 (2.38)	± (†)	3.9 ! (1.76)	15.0 (3.51)	8.0 ! (2.47)	3.1 ! (1.48)	15.1 (3.94)	± (†)	9.1 ! (4.11)	5.3 ! (2.12)	± (†)
2-year.....	9.0 (1.54)	10.3 (2.52)	8.3 (2.14)	± (†)	8.6 (2.56)	11.6 (3.15)	13.2 (3.10)	10.9 (2.67)	8.9 ! (3.16)	± (†)	16.7 ! (5.34)	8.2 ! (2.59)	9.2 ! (4.38)
Vocational/technical .....	2.2 ! (0.79)	± (†)	2.7 ! (1.24)	± (†)	± (†)	± (†)	5.5 ! (2.09)	2.9 ! (1.43)	± (†)	± (†)	± (†)	± (†)	± (†)
Graduation rate, by type of institution <sup>3</sup>													
Any postsecondary .....	47.6 (3.92)	47.8 (5.49)	53.5 (5.35)	39.8 (8.45)	45.9 (6.45)	58.7 (6.67)	45.3 (6.40)	44.8 (5.64)	58.4 (7.24)	58.9 (9.71)	± (†)	50.7 (8.15)	61.8 (10.33)
4-year.....	45.3 (7.28)	47.7 (10.07)	60.1 (8.80)	± (†)	± (†)	49.5 (9.93)	48.8 (11.86)	30.6 ! (9.72)	63.1 (10.01)	± (†)	± (†)	59.0 (12.15)	± (†)
2-year.....	37.2 (4.46)	38.2 (6.16)	39.2 (6.35)	28.2 ! (9.90)	33.3 (7.61)	42.5 (8.53)	32.9 (7.24)	35.1 (6.12)	45.9 (9.06)	44.3 (12.86)	± (†)	43.3 (10.61)	35.7 ! (11.88)
Vocational/technical .....	54.6 (5.96)	52.7 (8.29)	64.3 (8.39)	51.2 (12.94)	62.5 (8.67)	63.8 (10.75)	50.7 (10.12)	58.7 (8.28)	47.3 (12.97)	46.5 (12.73)	± (†)	53.2 (12.43)	73.9 (14.00)
Living independently <sup>4</sup> .....	44.7 (2.68)	51.0 (4.15)	38.7 (3.75)	25.7 (3.48)	44.3 (4.52)	40.3 (4.79)	24.9 (3.95)	39.2 (4.17)	41.4 (5.43)	11.2 ! (3.41)	20.5 (5.79)	7.1 ! (2.42)	24.0 (6.48)
Competitively employed <sup>5</sup>													
Currently .....	53.1 (2.82)	62.4 (4.27)	58.5 (3.93)	25.7 (3.60)	40.9 (4.65)	47.4 (5.14)	26.4 (4.03)	53.8 (4.48)	34.1 (5.36)	21.5 (4.63)	23.1 (6.19)	24.2 (4.07)	41.7 (7.52)
In the past 2 years .....	70.1 (2.52)	78.1 (3.51)	77.2 (3.28)	38.7 (3.98)	68.6 (4.31)	65.0 (4.81)	40.2 (4.53)	72.2 (3.92)	47.2 (5.61)	32.1 (5.15)	34.9 (6.96)	33.9 (4.54)	53.3 (7.64)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

±Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes disability categories not shown separately.

<sup>2</sup>Other health impairments include having limited strength, vitality, or alertness that is due to chronic or acute health problems (such as a heart condition, rheumatic fever, asthma, hemophilia, and leukemia) and that adversely affects educational performance.

<sup>3</sup>Among students who had ever attended the type of institution specified, the percentage who received a diploma, certificate, or license.

<sup>4</sup>Living independently includes living alone, with a spouse or roommate, in a college dormitory, in Job Corps housing, or in military housing as a service member.

<sup>5</sup>Competitively employed refers to those receiving more than minimum wage and working in an environment where the majority of workers are not disabled.

NOTE: Data based on students who had been out of high school up to 6 years in 2007 and up to 8 years in 2009 and had attended special or regular schools in the 1999–2000 or 2000–01 school year. Apparent discrepancies in attendance and graduation percentages between 2007 and 2009 may be due to inconsistent reporting by respondents and smaller numbers of respondents for the 2009 survey wave. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, Institute of Education Sciences, National Center for Special Education Research, National Longitudinal Transition Study-2 (NLTS2), Waves 4 and 5, 2007 and 2009, unpublished tabulations. (This table was prepared July 2010.)

**Table 447. Number, percentage distribution, unemployment rates, and median salaries of 25- to 29-year-old bachelor's degree holders and percentage of degree holders among all 25- to 29-year-olds, by field of study: 2009 and 2011**

[Standard errors appear in parentheses]

Field of study	2009									2011										
	25- to 29-year-old bachelor's degree holders								Percent of all 25- to 29-year-olds with degree in specific field	25- to 29-year-old bachelor's degree holders								Percent of all 25- to 29-year-olds with degree in specific field		
	Number, in thousands	Percentage distribution	Unemployment rate	Median annual salary																
1	2	3	4	5	6	7	8	9	10	11										
<b>Total, all bachelor's degrees .....</b>	<b>6,418</b>	<b>(30.8)</b>	<b>100.0</b>	<b>(†)</b>	<b>5.2</b>	<b>(0.12)</b>	<b>\$44,880</b>	<b>(547)</b>	<b>29.9</b>	<b>(0.14)</b>	<b>6,516</b>	<b>(32.3)</b>	<b>100.0</b>	<b>(†)</b>	<b>5.3</b>	<b>(0.11)</b>	<b>\$44,800</b>	<b>(730)</b>	<b>31.0</b>	<b>(0.15)</b>
Agriculture .....	59	(2.9)	0.9	(0.04)	2.2	! (0.85)	38,970	(995)	0.3	(0.01)	61	(3.2)	0.9	(0.05)	3.4	(0.87)	42,710	(1,505)	0.3	(0.02)
Architecture .....	45	(2.3)	0.7	(0.04)	9.6	(1.58)	45,950	(1,186)	0.2	(0.01)	49	(3.2)	0.8	(0.05)	7.7	(1.43)	45,540	(2,024)	0.2	(0.02)
Area, ethnic, and civilization studies .....	27	(2.1)	0.4	(0.03)	7.3	(2.10)	39,930	(1,495)	0.1	(0.01)	27	(2.3)	0.4	(0.04)	8.8	(2.31)	43,040	(3,547)	0.1	(0.01)
Arts, fine and commercial .....																				
Fine arts .....	250	(6.5)	3.9	(0.10)	8.8	(0.79)	35,870	(889)	1.2	(0.03)	270	(7.6)	4.1	(0.11)	7.4	(0.79)	35,600	(309)	1.3	(0.04)
Commercial art and graphic design .....	96	(4.9)	1.5	(0.08)	9.2	(1.22)	39,940	(535)	0.4	(0.02)	97	(3.7)	1.5	(0.06)	6.1	(0.96)	40,440	(363)	0.5	(0.02)
Business .....																				
Business, general .....	224	(6.6)	3.5	(0.10)	5.2	(0.63)	45,910	(1,110)	1.0	(0.03)	230	(7.2)	3.5	(0.11)	5.3	(0.72)	46,710	(1,410)	1.1	(0.03)
Accounting .....	184	(5.9)	2.9	(0.09)	4.4	(0.63)	52,840	(1,428)	0.9	(0.03)	190	(6.4)	2.9	(0.10)	3.7	(0.69)	50,840	(784)	0.9	(0.03)
Business management and administration .....	372	(8.7)	5.8	(0.13)	5.9	(0.46)	43,900	(1,237)	1.7	(0.04)	350	(7.9)	5.4	(0.12)	5.9	(0.66)	45,450	(668)	1.7	(0.04)
Marketing and marketing research .....	196	(6.3)	3.0	(0.10)	5.7	(0.67)	44,740	(134)	0.9	(0.03)	199	(6.3)	3.1	(0.10)	3.6	(0.53)	45,170	(723)	0.9	(0.03)
Finance .....	168	(5.2)	2.6	(0.08)	4.8	(0.74)	51,390	(891)	0.8	(0.02)	178	(5.1)	2.7	(0.08)	3.7	(0.65)	53,340	(1,478)	0.8	(0.02)
Management information systems and statistics .....	27	(2.0)	0.4	(0.03)	5.8	(1.66)	55,350	(2,569)	0.1	(0.01)	25	(2.1)	0.4	(0.03)	5.2	! (1.64)	60,460	(2,372)	0.1	(0.01)
Business, other and medical administration .....	121	(5.2)	1.9	(0.08)	4.9	(0.88)	45,040	(1,434)	0.6	(0.02)	133	(4.5)	2.0	(0.07)	6.2	(1.21)	44,490	(1,758)	0.6	(0.02)
Communications and communications technologies .....	384	(8.8)	6.0	(0.13)	5.4	(0.51)	39,900	(62)	1.8	(0.04)	398	(9.2)	6.1	(0.14)	7.3	(0.54)	40,690	(22)	1.9	(0.04)
Computer and information systems .....	259	(6.2)	4.0	(0.09)	5.2	(0.64)	59,030	(947)	1.2	(0.03)	237	(6.1)	3.6	(0.09)	5.3	(0.78)	60,600	(318)	1.1	(0.03)
Construction/electrical/transportation technologies .....	34	(2.2)	0.5	(0.03)	4.1	(1.19)	49,950	(2,248)	0.2	(0.01)	38	(2.5)	0.6	(0.04)	7.4	(1.75)	51,720	(3,848)	0.2	(0.01)
Criminal justice and fire protection .....	133	(4.5)	2.1	(0.07)	4.2	(0.72)	39,900	(453)	0.6	(0.02)	136	(4.7)	2.1	(0.07)	6.9	(0.95)	40,650	(410)	0.6	(0.02)
Education .....																				
General education .....	143	(4.8)	2.2	(0.08)	3.3	(0.63)	39,180	(537)	0.7	(0.02)	154	(6.5)	2.4	(0.10)	4.7	(0.86)	39,610	(656)	0.7	(0.03)
Early childhood education .....	41	(2.5)	0.6	(0.04)	2.8	! (1.00)	35,230	(889)	0.2	(0.01)	36	(2.4)	0.6	(0.04)	3.5	! (1.19)	36,320	(1,239)	0.2	(0.01)
Elementary education .....	192	(5.2)	3.0	(0.08)	3.2	(0.49)	35,980	(896)	0.9	(0.02)	166	(5.2)	2.5	(0.08)	3.7	(0.56)	37,500	(951)	0.8	(0.03)
Secondary teacher education .....	21	(1.5)	0.3	(0.02)	3.8	! (1.86)	38,480	(958)	0.1	(0.01)	15	(1.6)	0.2	(0.02)	2.4	! (0.99)	40,100	(1,127)	0.1	(0.01)
Education, other .....	180	(5.0)	2.8	(0.08)	3.2	(0.59)	37,970	(824)	0.8	(0.02)	183	(6.2)	2.8	(0.09)	2.8	(0.47)	40,380	(391)	0.9	(0.03)
Engineering and engineering-related fields .....																				
General engineering .....	55	(3.2)	0.9	(0.05)	6.0	(1.25)	59,780	(1,395)	0.3	(0.01)	58	(3.9)	0.9	(0.06)	2.1	! (0.70)	60,600	(1,477)	0.3	(0.02)
Chemical engineering .....	30	(2.1)	0.5	(0.03)	3.6	! (1.65)	64,930	(3,706)	0.1	(0.01)	24	(2.1)	0.4	(0.03)	6.0	(1.65)	68,480	(2,990)	0.1	(0.01)
Civil engineering .....	42	(2.3)	0.7	(0.03)	4.2	(1.13)	57,840	(1,793)	0.2	(0.01)	50	(3.5)	0.8	(0.05)	4.7	(1.09)	57,110	(1,555)	0.2	(0.02)
Computer engineering .....	55	(2.5)	0.9	(0.04)	4.9	(1.19)	59,900	(1,524)	0.3	(0.01)	50	(3.0)	0.8	(0.05)	5.6	! (1.88)	75,700	(2,059)	0.2	(0.01)
Electrical engineering .....	95	(3.3)	1.5	(0.05)	4.3	(0.90)	63,580	(1,522)	0.4	(0.02)	82	(4.3)	1.3	(0.07)	3.8	(0.99)	63,300	(1,691)	0.4	(0.02)
Mechanical engineering .....	84	(3.7)	1.3	(0.06)	5.0	(0.92)	61,590	(1,699)	0.4	(0.02)	89	(3.8)	1.4	(0.06)	3.1	(0.88)	65,230	(1,320)	0.4	(0.02)
Engineering, other .....	74	(3.7)	1.2	(0.06)	4.3	(0.93)	58,870	(931)	0.3	(0.02)	79	(3.7)	1.2	(0.06)	4.6	(1.04)	60,810	(1,100)	0.4	(0.02)
Engineering technologies .....	38	(2.8)	0.6	(0.04)	7.0	(1.59)	54,240	(1,871)	0.2	(0.01)	40	(2.9)	0.6	(0.04)	4.1	! (1.27)	50,690	(1,730)	0.2	(0.01)
English language and literature .....	200	(5.3)	3.1	(0.08)	5.7	(0.77)	37,960	(1,050)	0.9	(0.02)	209	(6.3)	3.2	(0.10)	6.9	(0.75)	40,640	(810)	1.0	(0.03)
Family and consumer sciences .....	62	(2.8)	1.0	(0.05)	2.4	(0.65)	35,920	(2,415)	0.3	(0.01)	58	(3.3)	0.9	(0.05)	2.9	(0.81)	38,210	(963)	0.3	(0.02)
Health professions .....																				
General medical and health services .....	183	(5.2)	2.9	(0.08)	3.3	(0.60)	49,880	(1,305)	0.9	(0.02)	208	(7.0)	3.2	(0.10)	3.6	(0.56)	48,590	(1,207)	1.0	(0.03)
Nursing .....	164	(5.2)	2.6	(0.08)	1.5	(0.34)	52,890	(1,753)	0.8	(0.02)	194	(6.0)	3.0	(0.09)	3.1	(0.56)	53,650	(2,349)	0.9	(0.03)
History .....	133	(4.3)	2.1	(0.07)	7.4	(0.90)	39,640	(737)	0.6	(0.02)	139	(4.9)	2.1	(0.08)	8.6	(1.09)	40,680	(1,108)	0.7	(0.02)
Liberal arts and humanities .....	117	(4.4)	1.8	(0.07)	7.1	(0.88)	38,890	(1,374)	0.5	(0.02)	87	(3.8)	1.3	(0.06)	6.7	(1.39)	37,830	(1,855)	0.4	(0.02)
Linguistics and comparative language and literature .....	68	(3.3)	1.1	(0.05)	5.6	(1.18)	39,910	(795)	0.3	(0.02)	64	(3.3)	1.0	(0.05)	5.3	(1.20)	39,850	(2,254)	0.3	(0.02)
Mathematics .....	70	(3.2)	1.1	(0.05)	4.7	(1.33)	49,540	(909)	0.3	(0.01)	76	(3.9)	1.2	(0.06)	5.3	(1.17)	47,890	(2,951)	0.4	(0.02)
Multi/interdisciplinary studies .....	121	(4.3)	1.9	(0.07)	5.8	(0.92)	42,980	(1,946)	0.6	(0.02)	56	(3.3)	0.9	(0.05)	5.9	(1.16)	43,370	(2,333)	0.3	(0.02)
Natural sciences .....																				
Biology .....	354	(6.8)	5.5	(0.10)	4.5	(0.52)	42,300	(879)	1.6	(0.03)	371	(7.9)	5.7	(0.12)	4.0	(0.42)	42,720	(1,145)	1.8	(0.04)
Environmental science .....	42	(2.5)	0.7	(0.04)	3.0	! (1.15)	39,220	(603)	0.2	(0.01)	35	(2.3)	0.5	(0.03)	6.1	(1.56)	38,280	(1,487)	0.2	(0.01)
Physical sciences .....	104	(4.2)	1.6	(0.06)	4.2	(0.81)	44,170	(433)	0.5	(0.02)	180	(5.2)	2.8	(0.08)	4.1	(0.69)	45,670	(1,189)	0.9	(0.02)

See notes at end of table.

**Table 447. Number, percentage distribution, unemployment rates, and median salaries of 25- to 29-year-old bachelor's degree holders and percentage of degree holders among all 25- to 29-year-olds, by field of study: 2009 and 2011—Continued**

[Standard errors appear in parentheses]

Field of study	2009					2011				
	25- to 29-year-old bachelor's degree holders				Percent of all 25- to 29-year-olds with degree in specific field	25- to 29-year-old bachelor's degree holders				Percent of all 25- to 29-year-olds with degree in specific field
	Number, in thousands	Percentage distribution	Unemployment rate	Median annual salary		Number, in thousands	Percentage distribution	Unemployment rate	Median annual salary	
1	2	3	4	5	6	7	8	9	10	11
Physical fitness, parks, recreation and leisure.....	96 (3.9)	1.5 (0.06)	5.9 (0.93)	39,380 (350)	0.4 (0.02)	106 (4.8)	1.6 (0.07)	4.3 (0.85)	38,620 (1,605)	0.5 (0.02)
Philosophy and religious studies .....	57 (3.0)	0.9 (0.05)	8.1 (1.51)	40,970 (1,387)	0.3 (0.01)	52 (2.9)	0.8 (0.04)	7.8 (1.61)	40,550 (710)	0.2 (0.01)
Psychology .....	371 (7.6)	5.8 (0.12)	5.0 (0.50)	39,890 (765)	1.7 (0.04)	388 (8.2)	6.0 (0.12)	5.4 (0.50)	38,880 (1,090)	1.8 (0.04)
Public administration and public policy .....	14 (1.7)	0.2 (0.03)	‡ (†)	52,150 (4,290)	0.1 (0.01)	11 (1.3)	0.2 (0.02)	12.5 ! (4.25)	45,320 (2,914)	0.1 (0.01)
<b>Social sciences</b>										
Anthropology and archeology .....	33 (2.1)	0.5 (0.03)	5.6 ! (1.91)	33,260 (2,555)	0.2 (0.01)	31 (2.5)	0.5 (0.04)	5.3 (1.57)	37,870 (2,996)	0.1 (0.01)
Economics .....	126 (4.5)	2.0 (0.07)	5.1 (0.80)	58,980 (3,144)	0.6 (0.02)	128 (5.4)	2.0 (0.08)	5.4 (0.92)	55,140 (1,985)	0.6 (0.03)
Geography .....	21 (1.7)	0.3 (0.03)	5.8 ! (2.11)	40,170 (1,216)	0.1 (0.01)	16 (1.6)	0.2 (0.02)	6.6 ! (2.17)	45,920 (5,521)	0.1 (0.01)
International relations .....	20 (1.6)	0.3 (0.02)	7.4 (2.18)	45,320 (2,964)	0.1 (0.01)	28 (2.2)	0.4 (0.03)	7.5 ! (2.31)	45,720 (3,961)	0.1 (0.01)
Political science and government.....	167 (5.2)	2.6 (0.08)	6.6 (0.85)	47,480 (1,034)	0.8 (0.02)	167 (6.1)	2.6 (0.09)	6.9 (0.92)	48,550 (2,204)	0.8 (0.03)
Sociology .....	113 (3.9)	1.8 (0.06)	5.3 (0.94)	38,620 (1,585)	0.5 (0.02)	109 (3.9)	1.7 (0.06)	7.4 (1.03)	39,590 (1,426)	0.5 (0.02)
Miscellaneous social sciences.....	32 (2.4)	0.5 (0.04)	6.6 ! (2.21)	39,900 (526)	0.2 (0.01)	36 (2.5)	0.5 (0.04)	8.0 (1.53)	37,440 (2,816)	0.2 (0.01)
<b>Social work and human services.....</b>	<b>67 (3.9)</b>	<b>1.0 (0.06)</b>	<b>4.0 (0.92)</b>	<b>34,950 (1,081)</b>	<b>0.3 (0.02)</b>	<b>66 (4.0)</b>	<b>1.0 (0.06)</b>	<b>5.6 (1.39)</b>	<b>34,750 (871)</b>	<b>0.3 (0.02)</b>
Theology and religious vocations .....	32 (2.4)	0.5 (0.04)	3.7 ! (1.20)	35,300 (962)	0.1 (0.01)	34 (2.8)	0.5 (0.04)	‡ (†)	35,530 (1,587)	0.2 (0.01)
Other fields .....	22 (2.2)	0.3 (0.03)	7.2 ! (2.59)	42,760 (3,817)	0.1 (0.01)	24 (2.5)	0.4 (0.04)	10.3 (3.01)	39,990 (2,780)	0.1 (0.01)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

NOTE: Detail may not sum to totals because of rounding. Some data have been revised from previously published figures.  
SOURCE: U.S. Department of Commerce, Census Bureau, 2009 and 2011 American Community Survey (ACS) Public Use Microdata Sample (PUMS) data. (This table was prepared January 2013.)

**Table 448. Percentage distribution of recipients of bachelor's degrees in various fields of study 1 year after graduation, by time to completion, enrollment and employment status, and occupation: 2001 and 2009**

[Standard errors appear in parentheses]

Time to completion, enrollment and employment status, and occupation	1999–2000 graduates in 2001, total	2007–08 graduates in 2009												
		Total <sup>1</sup>	Engineering	Biological and physical sciences	Mathematics and computer science	Social sciences	History	Humanities	Health professions	Business and management	Education <sup>2</sup>	Psychology	Public affairs and social services	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Total graduates.....	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	
Time between high school graduation and degree completion														
4 years or less.....	32.7 (0.83)	40.3 (0.64)	35.5 (2.68)	56.2 (2.24)	36.3 (3.27)	53.4 (2.08)	44.1 (3.78)	50.4 (2.02)	28.9 (2.01)	37.5 (1.53)	32.5 (1.65)	48.9 (2.17)	29.1 (3.42)	
More than 4, up to 5 years.....	22.9 (0.58)	20.7 (0.51)	31.0 (2.58)	17.8 (1.74)	16.9 (2.62)	19.2 (1.62)	20.4 (2.81)	20.7 (1.57)	18.1 (1.41)	17.4 (1.09)	25.5 (1.59)	19.5 (1.73)	16.0 (2.85)	
More than 5, up to 6 years.....	10.8 (0.48)	9.5 (0.35)	11.2 (1.69)	9.8 (1.59)	8.4 (1.79)	7.6 (1.09)	12.2 (2.87)	7.9 (1.01)	8.9 (1.14)	8.0 (0.79)	13.2 (1.34)	7.7 (1.10)	10.4 (2.12)	
More than 6, up to 10 years.....	14.8 (0.59)	13.4 (0.42)	11.1 (1.64)	8.9 (1.21)	13.8 (2.25)	11.9 (1.21)	12.4 (2.87)	12.6 (1.40)	16.3 (1.64)	14.1 (1.01)	13.8 (1.32)	11.8 (1.54)	19.0 (3.09)	
More than 10 years.....	18.8 (0.59)	16.0 (0.52)	11.2 (1.89)	7.3 (1.24)	24.6 (2.58)	7.8 (1.05)	10.9 (2.55)	8.3 (1.02)	27.8 (2.13)	23.1 (1.25)	15.0 (1.41)	12.1 (1.61)	25.5 (2.74)	
Enrollment status														
Enrolled.....	20.8 (0.51)	21.7 (0.47)	22.8 (1.98)	40.9 (2.33)	19.9 (2.58)	23.5 (1.65)	38.1 (3.99)	23.6 (1.48)	23.5 (1.93)	13.9 (1.01)	19.9 (1.36)	36.6 (2.15)	24.3 (3.28)	
Not enrolled .....	79.2 (0.51)	78.3 (0.47)	77.2 (1.98)	59.1 (2.33)	80.1 (2.58)	76.5 (1.65)	61.9 (3.99)	76.4 (1.48)	76.5 (1.93)	86.1 (1.01)	80.1 (1.36)	63.4 (2.15)	75.7 (3.28)	
Employment status														
Employed .....	87.4 (0.46)	83.8 (0.49)	88.4 (1.54)	69.6 (1.92)	88.9 (1.88)	78.9 (1.72)	74.9 (3.93)	79.4 (1.58)	86.6 (1.64)	88.1 (0.95)	90.2 (1.12)	79.7 (1.91)	81.2 (2.92)	
Full time .....	76.5 (0.52)	65.0 (0.62)	76.1 (2.12)	49.0 (2.38)	75.1 (2.67)	61.2 (1.94)	46.1 (4.35)	47.6 (2.12)	68.5 (1.86)	76.7 (1.18)	70.7 (1.74)	46.6 (2.40)	69.8 (3.44)	
Part time .....	10.9 (0.40)	18.8 (0.48)	12.3 (1.88)	20.7 (1.84)	13.8 (2.11)	17.6 (1.72)	28.8 (3.66)	31.9 (1.72)	18.0 (1.59)	11.4 (0.92)	19.4 (1.54)	33.1 (2.33)	11.4 (2.15)	
Unemployed <sup>3</sup> .....	6.1 (0.33)	9.2 (0.38)	6.7 (1.15)	7.2 (1.06)	5.8 (1.28)	11.3 (1.32)	14.5 (3.24)	11.8 (1.32)	6.4 (1.07)	8.5 (0.83)	5.1 (0.76)	10.2 (1.42)	13.5 (2.63)	
Not in labor force <sup>4</sup> .....	6.4 (0.35)	7.0 (0.31)	4.9 (1.08)	23.1 (1.99)	5.3 (1.51)	9.9 (1.32)	10.6 (2.39)	8.8 (1.03)	7.0 (1.27)	3.4 (0.51)	4.7 (0.91)	10.0 (1.44)	5.2 (1.52)	
Unemployment rate (labor force participants only) <sup>5</sup> .....	6.5 (—)	9.9 (—)	7.0 (—)	9.4 (—)	6.1 (—)	12.5 (—)	16.2 (—)	12.9 (—)	6.9 (—)	8.8 (—)	5.4 (—)	11.3 (—)	14.3 (—)	
Total employed .....	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	100.0 (t)	
Occupation														
Administrative/clerical .....	4.5 (0.28)	2.6 (0.21)	‡ (t)	1.9 ! (0.61)	‡ (t)	4.1 (0.88)	4.6 ! (2.17)	4.9 (1.01)	‡ (t)	2.6 (0.51)	‡ (t)	2.9 (0.65)	5.8 ! (2.10)	
Arts/communications .....	4.2 (0.30)	4.5 (0.32)	2.3 ! (1.09)	‡ (t)	1.6 ! (0.65)	3.0 ! (0.92)	‡ (t)	14.4 (1.54)	‡ (t)	1.3 (0.37)	1.0 ! (0.35)	‡ (t)	# (t)	
Business														
Management .....	12.5 (0.47)	8.4 (0.41)	10.8 (2.08)	3.2 ! (0.96)	3.4 ! (1.24)	9.5 (1.45)	5.0 ! (1.83)	4.8 (0.99)	5.1 (1.10)	14.5 (1.08)	1.6 (0.45)	6.9 (1.43)	11.1 (2.98)	
Nonmanagement .....	15.1 (0.58)	21.1 (0.61)	7.0 (1.54)	10.5 (1.63)	17.0 (2.82)	26.3 (2.05)	19.5 (3.67)	15.8 (1.93)	6.4 (1.14)	43.5 (1.76)	4.0 (0.76)	16.8 (1.98)	11.6 (2.91)	
Computer information systems/mathematics <sup>6</sup> .....	6.8 (0.34)	4.6 (0.27)	7.0 (1.19)	‡ (t)	50.6 (3.28)	3.0 (0.89)	‡ (t)	1.0 ! (0.39)	‡ (t)	4.6 (0.69)	0.6 ! (0.27)	1.8 ! (0.77)	# (t)	
Construction/trade/transportation.....	3.1 (0.26)	3.3 (0.23)	5.0 (1.22)	2.5 (0.72)	2.0 ! (0.70)	2.2 (0.61)	5.1 ! (2.51)	4.2 (1.01)	‡ (t)	4.2 (0.59)	0.9 ! (0.31)	1.7 (0.50)	‡ (t)	
Education.....	18.1 (0.52)	15.6 (0.43)	5.2 (1.26)	16.3 (2.12)	12.5 (2.01)	11.4 (1.45)	27.9 (3.49)	19.1 (1.74)	3.5 (0.72)	3.1 (0.55)	78.7 (1.61)	12.7 (1.41)	13.1 (2.69)	
Engineering/engineering technician/science professions.....	8.4 (0.33)	6.2 (0.30)	55.6 (3.02)	28.8 (2.39)	2.2 ! (0.93)	1.0 ! (0.38)	‡ (t)	0.8 ! (0.32)	‡ (t)	1.3 (0.35)	0.2 ! (0.09)	1.7 ! (0.74)	# (t)	
Health professions.....	7.8 (0.26)	8.6 (0.30)	1.1 ! (0.53)	13.5 (1.62)	‡ (t)	3.3 (0.84)	3.7 ! (1.68)	2.4 ! (0.78)	74.4 (2.00)	1.2 (0.32)	1.2 ! (0.48)	7.0 (1.38)	2.3 ! (1.06)	
Military/protective service .....	2.4 (0.20)	2.9 (0.24)	1.6 ! (0.72)	2.9 ! (0.89)	2.3 ! (1.12)	6.3 (1.08)	6.5 ! (2.23)	0.9 ! (0.39)	‡ (t)	2.4 (0.46)	0.8 ! (0.35)	1.8 ! (0.69)	7.0 ! (2.79)	
Sales.....	6.8 (0.31)	7.9 (0.40)	2.1 (0.61)	7.4 (1.78)	1.6 ! (0.70)	7.4 (1.29)	8.9 ! (3.28)	9.8 (1.34)	1.9 ! (0.68)	12.9 (1.12)	1.7 (0.44)	7.4 (1.37)	5.5 ! (2.21)	
Other occupations.....	10.2 (0.42)	14.3 (0.43)	2.0 ! (0.65)	10.9 (1.65)	4.3 ! (1.40)	22.4 (2.16)	13.0 (2.53)	21.8 (1.77)	4.6 (0.87)	8.8 (1.08)	9.2 (1.22)	38.5 (2.19)	42.4 (4.03)	

—Not available.

‡Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Includes graduates in other fields not separately shown.<sup>2</sup>Includes graduates who have not finished all requirements for teaching certification or were previously qualified to teach.<sup>3</sup>Percentage of all graduates who are not employed, but are looking for work.<sup>4</sup>Percentage of all graduates who are neither employed nor looking for work.<sup>5</sup>The labor force is made up of persons who are employed and persons who are not employed but are looking for work. (It does not include those who are neither employed nor looking for work.) The unemployment rate is the percentage of labor force participants who are not employed but are actively seeking work.<sup>6</sup>For 2001, does not include mathematics professions.

NOTE: Data exclude bachelor's degree recipients from U.S. Service Academies, deceased graduates, and graduates living at foreign addresses at the time of the survey. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 2000/01 and 2008/09 Baccalaureate and Beyond Longitudinal Study (B&amp;B:2000/01 and B&amp;B:08/09). (This table was prepared August 2011.)

**Table 449. Percentage, selected employment characteristics, and annual salaries of bachelor's degree recipients employed full time 1 year after graduation, by field of study: 1991, 2001, and 2009**  
[Standard errors appear in parentheses]

Selected employment characteristic and annual salary	All fields of study <sup>1</sup>	Engineering	Biological and physical sciences <sup>2</sup>	Mathematics and computer science <sup>2</sup>	Social sciences and history	Humanities	Health professions	Business and management	Education <sup>3</sup>	Psychology	Public affairs and social services
1	2	3	4	5	6	7	8	9	10	11	12
<b>Employment characteristics</b>											
Percent of recipients employed full time											
1989–90 recipients in June 1991 .....	73.8 (0.36)	85.2 (0.95)	50.6 (1.72)	71.2 (1.30)	66.2 (0.94)	59.2 (1.32)	80.9 (1.35)	83.2 (0.57)	77.0 (0.74)	59.8 (1.64)	77.0 (2.06)
1999–2000 recipients in July 2001 .....	76.5 (0.52)	86.0 (1.77)	58.6 (2.04)	83.7 (2.06)	68.3 (1.88)	67.5 (1.65)	74.8 (1.50)	85.5 (1.27)	84.0 (1.29)	64.0 (2.64)	85.1 (2.25)
2007–08 recipients in June 2009 .....	65.0 (0.62)	76.1 (2.12)	49.0 (2.38)	75.1 (2.67)	58.0 (1.81)	50.4 (1.82)	68.5 (1.86)	77.2 (1.20)	70.6 (1.75)	46.6 (2.40)	69.8 (3.44)
Percent of full-time employees looking for a different job <sup>4</sup>											
1989–90 recipients in June 1991 .....	21.5 (0.35)	12.9 (1.05)	21.0 (1.95)	16.6 (1.08)	24.5 (1.20)	25.8 (1.44)	9.2 (1.10)	20.7 (0.78)	25.5 (0.92)	21.8 (1.57)	26.8 (2.36)
1999–2000 recipients in July 2001 .....	24.6 (0.66)	19.2 (2.30)	22.9 (2.64)	18.3 (2.36)	27.1 (2.06)	28.3 (2.13)	20.9 (1.93)	24.4 (1.51)	17.4 (1.45)	23.9 (2.54)	25.8 (2.80)
2007–08 recipients in June 2009 .....	31.2 (0.74)	20.2 (2.53)	28.5 (3.47)	27.7 (3.37)	35.3 (2.47)	39.2 (2.56)	21.8 (2.40)	32.0 (1.61)	23.6 (1.78)	37.3 (2.99)	30.4 (4.86)
Percent of full-time employees in job closely related to field of study											
1989–90 recipients in June 1991 .....	52.5 (0.55)	57.5 (1.24)	49.4 (2.31)	66.4 (1.34)	20.2 (1.12)	32.2 (2.07)	88.2 (2.10)	49.8 (0.79)	79.2 (0.89)	40.3 (2.13)	57.6 (2.56)
1999–2000 recipients in July 2001 .....	56.1 (0.65)	70.0 (3.35)	48.6 (3.00)	72.7 (2.58)	28.7 (2.03)	41.5 (2.16)	77.5 (2.45)	58.7 (1.67)	84.3 (1.68)	40.1 (3.65)	61.2 (3.11)
2007–08 recipients in June 2009 .....	49.7 (0.78)	61.3 (2.86)	49.0 (3.36)	61.9 (3.57)	21.6 (2.07)	27.6 (2.56)	81.7 (2.10)	49.3 (1.76)	82.0 (1.68)	26.6 (3.04)	57.2 (4.93)
<b>Annual salaries of full-time employees<sup>5</sup></b>											
Average salary, in current dollars											
1989–90 recipients in June 1991 .....	\$23,600 (180)	\$30,900 (390)	\$21,100 (410)	\$27,200 (400)	\$22,100 (330)	\$19,100 (350)	\$31,500 (860)	\$24,700 (330)	\$19,100 (140)	\$19,200 (310)	\$20,900 (470)
1999–2000 recipients in July 2001 .....	35,400 (300)	47,900 (840)	31,000 (710)	47,400 (1,080)	33,000 (700)	30,100 (690)	39,400 (1,110)	41,000 (860)	27,600 (370)	28,800 (990)	30,400 (1,030)
2007–08 recipients in June 2009 .....	40,100 (340)	53,900 (1,080)	34,600 (1,220)	48,800 (1,570)	36,600 (980)	31,100 (780)	49,100 (1,290)	44,200 (890)	33,000 (490)	30,600 (910)	35,000 (1,700)
Average salary, in constant 2011 dollars											
1989–90 recipients in June 1991 .....	\$39,000 (300)	\$51,100 (650)	\$34,800 (680)	\$44,900 (660)	\$36,500 (550)	\$31,500 (590)	\$52,000 (1,420)	\$40,900 (540)	\$31,600 (230)	\$31,600 (520)	\$34,500 (770)
1999–2000 recipients in July 2001 .....	45,000 (380)	60,900 (1,070)	39,400 (910)	60,200 (1,370)	41,900 (890)	38,200 (880)	50,100 (1,410)	52,100 (1,090)	35,100 (470)	36,600 (1,260)	38,600 (1,310)
2007–08 recipients in June 2009 .....	42,000 (360)	56,500 (1,140)	36,300 (1,270)	51,200 (1,650)	38,400 (1,030)	32,600 (810)	51,500 (1,350)	46,300 (930)	34,600 (520)	32,100 (960)	36,700 (1,780)
Percent change in average salary, in constant 2011 dollars											
1991 to 2009 .....	7.6 (—)	10.6 (—)	4.4 (—)	14.1 (—)	5.1 (—)	3.5 (—)	-0.8 (—)	13.2 (—)	9.5 (—)	1.5 (—)	6.6 (—)
1991 to 2001 .....	15.2 (—)	19.2 (—)	13.2 (—)	34.3 (—)	14.7 (—)	21.4 (—)	-3.6 (—)	27.4 (—)	11.2 (—)	15.8 (—)	12.1 (—)
2001 to 2009 .....	-6.6 (—)	-7.2 (—)	-7.7 (—)	-15.0 (—)	-8.4 (—)	-14.7 (—)	2.8 (—)	-11.1 (—)	-1.5 (—)	-12.4 (—)	-4.9 (—)
Median salary, in current dollars											
1989–90 recipients in June 1991 .....	\$21,800 (210)	\$31,900 (470)	\$20,000 (430)	\$27,000 (510)	\$20,300 (250)	\$18,500 (360)	\$30,400 (760)	\$23,000 (300)	\$19,500 (220)	\$18,100 (320)	\$18,600 (410)
1999–2000 recipients in July 2001 .....	32,000 (90)	47,800 (880)	29,800 (470)	46,100 (1,990)	29,900 (360)	28,600 (700)	35,500 (770)	36,800 (700)	27,900 (410)	27,700 (1,180)	27,900 (710)
2007–08 recipients in June 2009 .....	36,000 (220)	54,000 (900)	32,500 (1,570)	45,000 (1,830)	34,600 (920)	29,000 (1,060)	45,900 (920)	40,000 (300)	33,800 (570)	29,300 (1,040)	32,000 (1,430)
Median salary, in constant 2011 dollars											
1989–90 recipients in June 1991 .....	\$36,000 (340)	\$52,600 (780)	\$33,000 (710)	\$44,500 (850)	\$33,500 (410)	\$30,500 (590)	\$50,200 (1,260)	\$37,900 (490)	\$32,200 (360)	\$29,900 (530)	\$30,700 (680)
1999–2000 recipients in July 2001 .....	40,600 (110)	60,700 (1,120)	37,900 (600)	58,600 (2,520)	38,000 (450)	36,300 (890)	45,100 (980)	46,800 (890)	35,500 (530)	35,300 (1,500)	35,500 (900)
2007–08 recipients in June 2009 .....	37,700 (230)	56,600 (940)	34,000 (1,650)	47,200 (1,920)	36,300 (960)	30,400 (1,110)	48,200 (970)	41,900 (310)	35,500 (600)	30,800 (1,090)	33,500 (1,500)
Percent change in median salary, in constant 2011 dollars											
1991 to 2009 .....	4.9 (—)	7.5 (—)	3.2 (—)	6.0 (—)	8.5 (—)	-0.3 (—)	-4.1 (—)	10.5 (—)	10.0 (—)	2.8 (—)	9.2 (—)
1991 to 2001 .....	12.8 (—)	15.4 (—)	14.9 (—)	31.5 (—)	13.5 (—)	19.1 (—)	-10.2 (—)	23.2 (—)	10.1 (—)	17.9 (—)	15.4 (—)
2001 to 2009 .....	-7.0 (—)	-6.8 (—)	-10.1 (—)	-19.4 (—)	-4.5 (—)	-16.3 (—)	6.9 (—)	-10.3 (—)	-0.1 (—)	-12.7 (—)	-5.4 (—)

—Not available.

<sup>1</sup>Includes graduates in other fields not separately shown.

<sup>2</sup>For 1991, physical sciences not included in column 4 with biological sciences; instead, they are included in column 5 with mathematics and computer science.

<sup>3</sup>Most educators work 9- to 10-month contracts.

<sup>4</sup>In 1991, respondents were asked whether they were “looking for a different principal job.” In 2001 and 2009, they were asked whether they were “looking for a different job” (instead of “a different principal job”).

<sup>5</sup>In all years, reported salaries of full-time workers under \$1,000 were excluded from the tabulations. In addition, salaries reported as above \$500,000 were set to \$500,000 in 2001, and salaries reported as above \$250,000 were set to \$250,000 in 2009. In all years, only a tiny fraction of reported full-time salaries were either below \$1,000 or above \$250,000.

NOTE: Data exclude bachelor's degree recipients from U.S. Service Academies, deceased graduates, and graduates living at foreign addresses at the time of the survey. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Data for 2001 have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, “Recent College Graduates” survey, 1991; and 2000/01 and 2008/09 Baccalaureate and Beyond Longitudinal Study (B&B:2000/01 and B&B:08/09). (This table was prepared April 2013.)



**Table 450. Literacy skills of adults, by type of literacy, proficiency levels, and selected characteristics: 1992 and 2003**

[Standard errors appear in parentheses]

Selected characteristic	Prose literacy <sup>1</sup>						Document literacy <sup>2</sup>						Quantitative literacy <sup>3</sup>					
	Average score		Percent of adults at each proficiency level, 2003				Average score		Percent of adults at each proficiency level, 2003				Average score		Percent of adults at each proficiency level, 2003			
	1992	2003	<i>Below Basic</i>	<i>Basic</i>	<i>Intermediate</i>	<i>Proficient</i>	1992	2003	<i>Below Basic</i>	<i>Basic</i>	<i>Intermediate</i>	<i>Proficient</i>	1992	2003	<i>Below Basic</i>	<i>Basic</i>	<i>Intermediate</i>	<i>Proficient</i>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>Total</b> .....	<b>276 (1.1)</b>	<b>275 (1.3)</b>	<b>14 (0.6)</b>	<b>29 (0.6)</b>	<b>44 (0.7)</b>	<b>13 (0.5)</b>	<b>271 (1.1)</b>	<b>271 (1.2)</b>	<b>12 (0.5)</b>	<b>22 (0.5)</b>	<b>53 (0.7)</b>	<b>13 (0.6)</b>	<b>275 (1.1)</b>	<b>283 (1.2)</b>	<b>22 (0.6)</b>	<b>33 (0.5)</b>	<b>33 (0.5)</b>	<b>13 (0.5)</b>
<b>Sex</b>																		
Male.....	276 (1.2)	272 (1.5)	15 (0.6)	29 (0.7)	43 (0.7)	13 (0.6)	274 (1.2)	269 (1.5)	14 (0.6)	23 (0.5)	51 (0.8)	13 (0.6)	283 (1.4)	286 (1.3)	21 (0.6)	31 (0.5)	33 (0.5)	16 (0.6)
Female.....	277 (1.3)	277 (1.4)	12 (0.6)	29 (0.6)	46 (0.8)	14 (0.6)	268 (1.2)	272 (1.2)	11 (0.6)	22 (0.6)	54 (0.8)	13 (0.6)	269 (1.2)	279 (1.3)	22 (0.8)	35 (0.7)	32 (0.7)	11 (0.6)
<b>Age</b>																		
16 to 18 years old.....	270 (2.3)	267 (2.8)	11 (1.7)	37 (2.5)	48 (2.7)	5 (1.4)	270 (2.2)	268 (2.9)	11 (1.4)	24 (1.8)	56 (2.4)	9 (1.7)	264 (2.5)	267 (3.1)	28 (2.3)	38 (2.1)	28 (2.1)	6 (1.3)
19 to 24 years old.....	280 (2.0)	276 (2.4)	11 (1.1)	29 (1.3)	48 (1.5)	12 (1.1)	282 (2.2)	277 (2.5)	9 (1.1)	20 (1.2)	58 (1.7)	13 (1.5)	277 (2.0)	279 (2.3)	21 (1.4)	36 (1.3)	33 (1.4)	10 (1.1)
25 to 39 years old.....	288 (1.3)	283 (1.7)	12 (0.6)	25 (0.7)	45 (0.7)	18 (0.8)	286 (1.2)	282 (1.8)	8 (0.7)	19 (0.7)	56 (1.1)	17 (1.1)	286 (1.3)	292 (1.8)	17 (0.8)	31 (0.8)	35 (0.8)	17 (0.9)
40 to 54 years old.....	293 (2.0)	282 (2.3)	11 (0.9)	27 (1.1)	47 (1.2)	15 (1.1)	284 (1.9)	277 (1.8)	10 (0.7)	20 (0.8)	54 (1.1)	15 (0.9)	292 (1.8)	289 (1.9)	19 (0.9)	32 (0.8)	34 (0.8)	16 (0.9)
55 to 64 years old.....	269 (1.4)	278 (1.9)	13 (0.8)	27 (0.9)	44 (1.1)	15 (0.8)	258 (1.4)	270 (2.1)	12 (0.9)	23 (0.9)	54 (1.2)	12 (1.1)	272 (1.8)	289 (1.9)	19 (1.0)	30 (0.8)	34 (0.9)	17 (0.8)
65 years old and older.....	235 (1.7)	248 (2.0)	23 (1.3)	38 (1.2)	34 (1.4)	4 (0.6)	221 (2.2)	235 (2.0)	27 (1.5)	33 (1.0)	38 (1.4)	3 (0.4)	235 (2.7)	257 (2.2)	34 (1.6)	37 (1.2)	24 (1.2)	5 (0.6)
<b>Race/ethnicity</b>																		
White.....	287 (1.2)	288 (1.5)	7 (0.5)	25 (0.8)	51 (0.9)	17 (0.9)	281 (1.2)	282 (1.5)	8 (0.5)	19 (0.7)	58 (1.0)	15 (1.0)	288 (1.1)	297 (1.3)	13 (0.7)	32 (0.7)	39 (0.8)	17 (0.8)
Black.....	237 (1.4)	243 (1.8)	24 (1.4)	43 (1.2)	31 (1.4)	2 (0.4)	230 (1.4)	238 (2.1)	24 (1.7)	35 (1.4)	40 (1.9)	2 (0.5)	222 (1.6)	238 (2.1)	47 (1.8)	36 (1.3)	15 (1.1)	2 (0.4)
Hispanic.....	234 (2.3)	216 (3.5)	44 (1.8)	30 (1.0)	23 (1.4)	4 (0.4)	238 (1.8)	224 (3.6)	36 (1.6)	26 (0.8)	33 (1.2)	5 (0.5)	233 (2.3)	233 (3.2)	50 (1.7)	29 (0.9)	17 (0.9)	4 (0.5)
Asian/Pacific Islander.....	255 (6.1)	271 (4.0)	14 (2.0)	32 (2.2)	42 (2.5)	12 (1.8)	259 (6.1)	272 (5.0)	11 (2.2)	22 (2.1)	54 (3.0)	13 (2.3)	268 (7.8)	285 (5.1)	19 (3.0)	34 (2.9)	35 (2.8)	12 (2.5)
<b>Highest level of education</b>																		
Still in high school.....	268 (2.5)	262 (3.7)	14 (2.5)	37 (2.8)	45 (3.1)	4 ! (1.5)	270 (2.4)	265 (4.3)	13 (2.3)	24 (2.2)	54 (3.0)	9 (1.9)	263 (3.2)	261 (4.2)	31 (2.9)	38 (2.5)	25 (2.3)	5 (1.4)
Less than high school completion.....	216 (1.4)	207 (2.4)	50 (1.4)	33 (1.0)	16 (0.9)	1 (0.2)	211 (1.5)	208 (2.6)	45 (1.4)	29 (0.7)	25 (1.0)	2 (0.3)	209 (2.1)	211 (2.2)	64 (1.3)	25 (0.8)	10 (0.7)	1 (0.2)
GED/high school equivalency.....	265 (2.2)	260 (2.1)	10 (1.8)	45 (2.9)	43 (3.0)	3 ! (1.1)	259 (2.3)	257 (2.5)	13 (1.9)	30 (2.3)	53 (2.8)	4 ! (1.2)	265 (2.3)	265 (3.1)	26 (3.1)	43 (3.1)	28 (2.9)	3 ! (1.2)
High school graduate.....	268 (1.0)	262 (1.3)	13 (1.0)	39 (1.2)	44 (1.3)	4 (0.6)	261 (1.4)	258 (1.5)	13 (1.0)	29 (1.1)	52 (1.4)	5 (0.7)	267 (1.2)	269 (1.6)	24 (1.4)	42 (1.3)	29 (1.3)	5 (0.7)
Vocational/trade/business.....	278 (2.1)	268 (2.7)	10 (1.8)	36 (2.6)	49 (2.7)	5 ! (1.5)	273 (2.0)	267 (2.5)	9 (1.5)	26 (2.3)	59 (2.7)	7 (1.7)	280 (2.2)	279 (2.2)	18 (2.1)	41 (2.3)	35 (2.3)	6 (1.4)
Some college.....	292 (1.4)	287 (1.6)	5 (0.7)	25 (1.4)	59 (1.7)	11 (1.4)	288 (1.6)	280 (1.7)	5 (0.8)	19 (1.3)	65 (1.8)	10 (1.5)	295 (1.7)	294 (1.7)	10 (1.2)	36 (1.8)	43 (1.8)	11 (1.5)
Associate's degree.....	306 (1.9)	298 (2.4)	4 (0.7)	20 (1.5)	56 (2.0)	19 (2.0)	301 (1.9)	291 (2.0)	3 (0.7)	15 (1.5)	66 (2.3)	16 (2.2)	305 (2.0)	305 (2.1)	7 (1.1)	30 (1.9)	45 (2.1)	18 (2.1)
Bachelor's degree.....	325 (1.9)	314 (2.1)	3 (0.5)	14 (1.0)	53 (1.7)	31 (1.8)	317 (1.9)	303 (2.2)	2 ! (0.6)	11 (1.2)	62 (2.5)	25 (2.7)	324 (1.8)	323 (1.8)	4 (0.6)	22 (1.2)	43 (1.5)	31 (1.9)
Graduate studies/degree.....	340 (2.0)	327 (2.8)	1 ! (0.4)	10 (1.2)	48 (2.3)	41 (2.6)	328 (1.9)	311 (2.2)	1 ! (0.4)	9 (1.1)	59 (2.6)	31 (2.8)	336 (2.1)	332 (2.1)	3 (0.6)	18 (1.5)	43 (2.1)	36 (2.6)
<b>Employment</b>																		
Full-time.....	290 (1.3)	285 (1.5)	— (†)	— (†)	— (†)	— (†)	286 (1.2)	281 (1.2)	— (†)	— (†)	— (†)	— (†)	292 (1.3)	296 (1.1)	— (†)	— (†)	— (†)	— (†)
Part-time.....	285 (1.7)	281 (2.2)	— (†)	— (†)	— (†)	— (†)	279 (1.8)	277 (2.2)	— (†)	— (†)	— (†)	— (†)	281 (1.7)	287 (2.2)	— (†)	— (†)	— (†)	— (†)
Unemployed.....	263 (2.3)	269 (2.8)	— (†)	— (†)	— (†)	— (†)	261 (2.2)	265 (0.3)	— (†)	— (†)	— (†)	— (†)	261 (3.2)	270 (3.6)	— (†)	— (†)	— (†)	— (†)
Not in labor force.....	252 (1.4)	255 (1.7)	— (†)	— (†)	— (†)	— (†)	244 (1.5)	250 (1.9)	— (†)	— (†)	— (†)	— (†)	247 (1.9)	261 (1.8)	— (†)	— (†)	— (†)	— (†)
<b>Language spoken before starting school</b>																		
English only.....	282 (1.2)	283 (1.4)	9 (0.5)	27 (0.7)	49 (0.8)	15 (0.7)	275 (1.2)	276 (1.3)	9 (0.5)	21 (0.6)	56 (0.8)	13 (0.7)	280 (1.2)	289 (1.2)	18 (0.6)	33 (0.6)	35 (0.6)	15 (0.6)
English and Spanish.....	255 (2.9)	262 (3.1)	14 (2.1)	38 (2.2)	42 (2.4)	6 (1.3)	253 (3.6)	259 (3.4)	12 (2.5)	29 (3.0)	54 (3.8)	5 ! (1.8)	247 (4.6)	261 (3.8)	31 (3.3)	39 (2.6)	26 (2.8)	4 ! (1.3)
English and other language..	273 (4.0)	278 (3.1)	7 (1.5)	33 (2.8)	51 (3.1)	9 (2.1)	260 (4.5)	268 (3.2)	10 (2.0)	25 (2.3)	57 (2.9)	8 (2.0)	271 (5.6)	289 (4.1)	15 (2.7)	38 (2.7)	34 (3.0)	14 (2.6)
Spanish.....	205 (2.9)	188 (3.8)	61 (1.8)	25 (1.1)	13 (0.9)	1 ! (0.3)	216 (2.8)	199 (4.6)	49 (2.0)	25 (1.0)	23 (1.3)	3 (0.4)	212 (3.3)	211 (4.6)	62 (2.2)	25 (1.2)	11 (1.1)	2 (0.5)
Other language.....	239 (3.4)	249 (4.6)	26 (2.2)	33 (2.0)	34 (2.3)	7 (1.3)	241 (3.7)	257 (4.2)	20 (1.9)	24 (1.3)	46 (2.0)	10 (1.2)	246 (4.3)	270 (4.3)	28 (2.3)	33 (1.7)	29 (1.9)	10 (1.5)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

<sup>1</sup>Prose literacy refers to the knowledge and skills needed to search, comprehend, and use information from continuous texts. Adults at the *Below Basic* level, rated 0 to 209, range from being nonliterate in English to being able to locate easily identifiable information in short, commonplace prose texts. At the *Basic* level, rated 210 to 264, adults are able to read and understand information in short, commonplace prose texts. At the *Intermediate* level, rated 265 to 339, adults are able to read and understand moderately dense, less commonplace prose texts as well as summarize, make simple inferences, determine cause and effect, and recognize the author's purpose. At the *Proficient* level, rated 340 to 500, adults are able to read lengthy, complex, abstract prose texts as well as synthesize information and make complex inferences.

<sup>2</sup>Document literacy refers to the knowledge and skills needed to search, comprehend, and use information from noncontinuous texts in various formats. Adults at the *Below Basic* level, rated 0 to 204, range from being nonliterate in English to being able to locate easily identifiable information and follow instructions in simple documents (e.g., charts or forms). At the *Basic* level, rated 205 to 249, adults are able to read and understand information in simple documents. At the *Intermediate* level, rated 250 to 334, adults are able to locate information in dense, complex documents and make simple inferences about the information. At the *Proficient* level, rated 335 to 500, adults are able to integrate, synthesize, and analyze multiple pieces of information located in complex documents.

<sup>3</sup>Quantitative literacy refers to the knowledge and skills required to identify and perform computations, either alone or sequentially, using numbers embedded in printed materials. Adults at the *Below Basic* level, rated 0 to 234, range from being nonliterate in English to being able to locate numbers and use them to perform simple quantitative operations (primarily addition) when the mathematical information is very concrete and familiar. At the *Basic* level, rated 235 to 289, adults are able to locate easily identifiable quantitative information and use it to solve simple, one-step problems when the arithmetic operation is specified or easily inferred. At the *Intermediate* level, rated 290 to 349, adults are able to locate less familiar quantitative information and use it to solve problems when the arithmetic operation is not specified or easily inferred. At the *Proficient* level, rated 350 to 500, adults are able to locate more abstract quantitative information and use it to solve multistep problems when the arithmetic operations are not easily inferred and the problems are more complex.

NOTE: Adults are defined as people age 16 and older living in households or prisons. Adults who could not be interviewed due to language spoken or cognitive or mental disabilities (3 percent in 2003 and 4 percent in 1992) are excluded from this table. Race categories exclude persons of Hispanic ethnicity. Totals include racial/ethnic groups not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, 1992 National Adult Literacy Survey (NALS) and 2003 National Assessment of Adult Literacy (NAAL), *A First Look at the Literacy of America's Adults in the 21st Century*; and supplemental data retrieved July 6, 2006, from [http://nces.ed.gov/naal/Excel/2006470\\_DataTable.xls](http://nces.ed.gov/naal/Excel/2006470_DataTable.xls). (This table was prepared July 2006.)

**Table 451. Percentage of 18- to 25-year-olds reporting use of illicit drugs, alcohol, and cigarettes during the past 30 days and the past year, by substance used: Selected years, 1982 through 2010**  
[Standard errors appear in parentheses]

Year	Percent reporting use during past 30 days					Percent reporting use during past year				
	Illicit drugs			Alcohol	Cigarettes	Illicit drugs			Alcohol	Cigarettes
	Any <sup>1</sup>	Marijuana	Cocaine			Any <sup>1</sup>	Marijuana	Cocaine		
1	2	3	4	5	6	7	8	9	10	11
1982.....	— (†)	27.2 (—)	7.0 (—)	66.6 (—)	— (†)	— (†)	37.4 (—)	15.9 (—)	80.6 (—)	— (†)
1985.....	25.3 (—)	21.7 (—)	8.1 (—)	70.1 (—)	47.4 (—)	37.4 (—)	34.0 (—)	13.6 (—)	84.2 (—)	49.9 (—)
1988.....	17.9 (—)	15.3 (—)	4.8 (—)	64.7 (—)	45.6 (—)	29.1 (—)	26.1 (—)	10.5 (—)	79.6 (—)	50.9 (—)
1990.....	15.0 (—)	12.7 (—)	2.3 (—)	62.8 (—)	40.9 (—)	26.1 (—)	23.0 (—)	6.5 (—)	78.1 (—)	45.1 (—)
1991.....	15.4 (—)	12.9 (—)	2.2 (—)	63.1 (—)	41.7 (—)	26.6 (—)	22.9 (—)	6.7 (—)	80.7 (—)	46.9 (—)
1992.....	13.1 (—)	10.9 (—)	2.0 (—)	58.6 (—)	41.5 (—)	24.1 (—)	21.2 (—)	5.5 (—)	75.6 (—)	46.8 (—)
1993.....	13.6 (—)	11.1 (—)	1.6 (—)	58.7 (—)	37.9 (—)	24.2 (—)	21.4 (—)	4.4 (—)	76.9 (—)	43.7 (—)
1994.....	13.3 (—)	12.1 (—)	1.2 (—)	63.1 (—)	34.6 (—)	24.6 (—)	21.8 (—)	3.6 (—)	78.5 (—)	41.1 (—)
1995.....	14.2 (—)	12.0 (—)	1.3 (—)	61.3 (—)	35.3 (—)	25.5 (—)	21.8 (—)	4.3 (—)	76.5 (—)	42.5 (—)
1996.....	15.6 (—)	13.2 (—)	2.0 (—)	60.0 (—)	38.3 (—)	26.8 (—)	23.8 (—)	4.7 (—)	75.3 (—)	44.7 (—)
1997.....	14.7 (—)	12.8 (—)	1.2 (—)	58.4 (—)	40.6 (—)	25.3 (—)	22.3 (—)	3.9 (—)	75.1 (—)	45.9 (—)
1998.....	16.1 (—)	13.8 (—)	2.0 (—)	60.0 (—)	41.6 (—)	27.4 (—)	24.1 (—)	4.7 (—)	74.2 (—)	47.1 (—)
1999.....	16.4 (0.40)	14.2 (0.38)	1.7 (0.12)	57.2 (0.54)	39.7 (0.47)	29.1 (0.48)	24.5 (0.46)	5.2 (0.21)	74.8 (0.48)	47.5 (0.52)
2000.....	15.9 (0.36)	13.6 (0.34)	1.4 (0.11)	56.8 (0.51)	38.3 (0.48)	27.9 (0.46)	23.7 (0.43)	4.4 (0.18)	74.5 (0.46)	45.8 (0.49)
2001.....	18.8 (0.41)	16.0 (0.39)	1.9 (0.13)	58.8 (0.50)	39.1 (0.47)	31.9 (0.48)	26.7 (0.48)	5.7 (0.23)	75.4 (0.41)	46.8 (0.48)
2002.....	20.2 (0.37)	17.3 (0.36)	2.0 (0.12)	60.5 (0.53)	40.8 (0.48)	35.5 (0.46)	29.8 (0.43)	6.7 (0.24)	77.9 (0.41)	49.0 (0.50)
2003.....	20.3 (0.40)	17.0 (0.37)	2.2 (0.13)	61.4 (0.50)	40.2 (0.47)	34.6 (0.48)	28.5 (0.46)	6.6 (0.23)	78.1 (0.41)	47.6 (0.46)
2004.....	19.4 (0.40)	16.1 (0.37)	2.1 (0.13)	60.5 (0.51)	39.5 (0.49)	33.9 (0.48)	27.8 (0.47)	6.6 (0.25)	78.0 (0.44)	47.5 (0.52)
2005.....	20.1 (0.40)	16.6 (0.37)	2.6 (0.15)	60.9 (0.51)	39.0 (0.47)	34.2 (0.47)	28.0 (0.45)	6.9 (0.23)	77.9 (0.43)	47.2 (0.48)
2006.....	19.8 (0.37)	16.3 (0.35)	2.2 (0.12)	61.9 (0.51)	38.4 (0.47)	34.4 (0.48)	28.0 (0.46)	6.9 (0.24)	78.8 (0.43)	47.0 (0.48)
2007.....	19.7 (0.39)	16.4 (0.37)	1.7 (0.12)	61.2 (0.52)	36.2 (0.48)	33.2 (0.48)	27.5 (0.46)	6.4 (0.24)	77.9 (0.45)	45.1 (0.49)
2008.....	19.6 (0.38)	16.5 (0.37)	1.5 (0.12)	61.2 (0.49)	35.7 (0.45)	33.5 (0.46)	27.6 (0.45)	5.5 (0.21)	78.0 (0.44)	45.0 (0.48)
2009.....	21.2 (0.40)	18.1 (0.37)	1.4 (0.11)	61.8 (0.52)	35.8 (0.48)	36.0 (0.47)	30.6 (0.46)	5.3 (0.20)	78.8 (0.42)	45.2 (0.51)
2010.....	21.5 (0.40)	18.5 (0.38)	1.5 (0.11)	61.5 (0.50)	34.2 (0.47)	35.0 (0.49)	29.8 (0.48)	4.6 (0.20)	78.7 (0.40)	43.1 (0.50)

—Not available.

†Not applicable.

<sup>1</sup>Includes other illegal drug use not shown separately—specifically, the use of heroin, hallucinogens, and inhalants, as well as the use of prescription-type pain relievers, tranquilizers, stimulants, and sedatives.

NOTE: Marijuana includes hashish usage. Data for 1999 and later years were gathered using Computer Assisted Interviewing (CAI) and may not be directly comparable to previous years. Because of survey improvements in 2002, the 2002 data con-

stitute a new baseline for tracking trends. Valid trend comparisons can be made for 1982 through 1998, 1999 through 2001, and 2002 through 2010.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, *National Household Survey on Drug Abuse: Main Findings*, selected years, 1982 through 2001, and National Survey on Drug Use and Health, 2002 through 2010. Retrieved April 5, 2012, from <http://www.oas.samhsa.gov/WebOnly.htm#NSDUHtabs>. (This table was prepared April 2012.)

**Table 452. Percentage of 18- to 25-year-olds reporting use of illicit drugs, alcohol, and cigarettes during the past 30 days and the past year, by substance used and selected characteristics: 2005 and 2010**

[Standard errors appear in parentheses]

Year and selected characteristic	Percent reporting use during past 30 days									Percent reporting use during past year										
	Illicit drugs					Alcohol	Cigarettes	Illicit drugs					Alcohol	Cigarettes						
	Any <sup>1</sup>	Marijuana	Cocaine					Any <sup>1</sup>	Marijuana	Cocaine										
1	2	3	4	5	6	7	8	9	10	11										
2005																				
Total.....	20.1	(0.40)	16.6	(0.37)	2.6	(0.15)	60.9	(0.51)	39.0	(0.47)	34.2	(0.47)	28.0	(0.45)	6.9	(0.23)	77.9	(0.43)	47.2	(0.48)
Sex																				
Male.....	24.6	(0.58)	21.1	(0.54)	3.1	(0.22)	66.3	(0.62)	42.9	(0.66)	38.2	(0.65)	32.9	(0.64)	8.3	(0.35)	80.0	(0.54)	51.1	(0.66)
Female.....	15.6	(0.46)	12.1	(0.42)	2.0	(0.16)	55.4	(0.69)	35.0	(0.63)	30.1	(0.59)	23.2	(0.54)	5.5	(0.27)	75.7	(0.61)	43.3	(0.65)
Race/ethnicity																				
White.....	22.6	(0.50)	18.6	(0.47)	3.3	(0.21)	67.9	(0.56)	44.2	(0.59)	38.2	(0.59)	31.3	(0.57)	8.8	(0.32)	83.5	(0.43)	53.2	(0.58)
Black.....	18.1	(0.96)	16.3	(0.92)	0.8	(0.21)	47.9	(1.33)	28.7	(1.21)	29.7	(1.22)	26.1	(1.14)	2.1	(0.49)	68.8	(1.12)	33.5	(1.26)
Hispanic.....	15.7	(0.97)	11.9	(0.86)	2.0	(0.31)	50.5	(1.27)	31.9	(1.15)	27.9	(1.20)	21.4	(1.09)	5.5	(0.50)	68.3	(1.15)	40.6	(1.26)
Asian.....	8.1	(1.38)	6.3	(1.25)	+	(t)	47.4	(2.52)	24.0	(2.18)	17.4	(1.82)	13.6	(1.73)	1.6	(0.63)	68.1	(2.69)	31.1	(2.25)
Native Hawaiian/Pacific Islander.....	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)
American Indian/Alaska Native.....	20.8	(3.01)	17.5	(3.28)	+	(t)	46.2	(3.79)	51.0	(4.21)	35.2	(3.76)	29.0	(4.03)	4.7	(1.40)	66.5	(4.13)	56.9	(4.42)
Two or more races.....	31.8	(3.39)	26.4	(3.33)	3.0	(0.94)	61.5	(3.76)	44.0	(3.50)	42.6	(3.45)	38.2	(3.45)	9.5	(2.03)	79.3	(3.09)	54.0	(3.87)
Education																				
Less than high school.....	22.6	(0.86)	18.2	(0.81)	3.4	(0.34)	46.3	(0.96)	47.5	(1.03)	36.0	(0.96)	29.7	(0.94)	7.6	(0.49)	66.8	(0.94)	54.8	(1.07)
High school graduate.....	19.7	(0.61)	16.5	(0.58)	2.2	(0.22)	55.8	(0.78)	41.2	(0.75)	33.6	(0.74)	27.5	(0.70)	6.7	(0.37)	74.3	(0.71)	48.9	(0.77)
Some college.....	21.0	(0.67)	17.3	(0.62)	2.5	(0.24)	68.8	(0.82)	36.1	(0.75)	36.2	(0.82)	29.2	(0.79)	7.1	(0.41)	84.3	(0.62)	45.0	(0.80)
College graduate.....	15.3	(0.96)	12.5	(0.90)	2.3	(0.38)	78.0	(1.13)	26.6	(1.17)	28.2	(1.21)	23.9	(1.18)	5.9	(0.55)	89.5	(0.85)	36.4	(1.24)
Employment status																				
Full-time.....	19.4	(0.52)	15.7	(0.49)	2.6	(0.20)	66.7	(0.65)	42.7	(0.64)	33.5	(0.62)	26.7	(0.58)	7.1	(0.31)	82.5	(0.56)	50.3	(0.65)
Part-time.....	21.0	(0.72)	17.7	(0.68)	2.5	(0.27)	61.6	(0.99)	34.2	(0.85)	35.5	(0.90)	30.1	(0.84)	7.0	(0.45)	78.8	(0.82)	44.3	(0.90)
Unemployed.....	27.2	(1.45)	22.6	(1.38)	4.0	(0.61)	56.9	(1.63)	49.5	(1.61)	42.0	(1.61)	36.1	(1.58)	8.7	(0.88)	75.9	(1.40)	56.3	(1.59)
Other <sup>2</sup> .....	18.0	(0.86)	14.9	(0.80)	2.1	(0.27)	47.4	(1.19)	32.1	(0.97)	31.1	(1.01)	25.3	(0.96)	5.6	(0.48)	66.3	(1.10)	40.0	(1.00)
2010																				
Total.....	21.5	(0.40)	18.5	(0.38)	1.5	(0.11)	61.5	(0.50)	34.2	(0.47)	35.0	(0.49)	29.8	(0.48)	4.6	(0.20)	78.7	(0.40)	43.1	(0.50)
Sex																				
Male.....	25.8	(0.59)	22.9	(0.57)	2.0	(0.19)	65.9	(0.65)	38.1	(0.65)	40.1	(0.69)	35.2	(0.68)	6.2	(0.33)	81.2	(0.53)	48.0	(0.68)
Female.....	17.0	(0.49)	13.9	(0.44)	0.9	(0.12)	57.0	(0.65)	30.3	(0.58)	29.8	(0.61)	24.3	(0.57)	3.0	(0.22)	76.1	(0.55)	38.0	(0.62)
Race/ethnicity																				
White.....	24.4	(0.52)	20.8	(0.50)	1.6	(0.15)	67.7	(0.60)	39.1	(0.59)	39.0	(0.61)	33.2	(0.62)	5.4	(0.26)	83.4	(0.46)	48.3	(0.61)
Black.....	20.0	(1.01)	17.6	(0.90)	+	(t)	49.6	(1.21)	26.3	(1.09)	30.2	(1.14)	27.3	(1.10)	1.1	(0.33)	69.9	(1.09)	31.6	(1.16)
Hispanic.....	16.2	(0.78)	13.9	(0.75)	2.0	(0.33)	53.5	(1.19)	27.4	(1.02)	29.2	(1.09)	23.8	(0.99)	5.4	(0.52)	72.6	(1.07)	37.8	(1.10)
Asian.....	8.4	(1.49)	7.3	(1.44)	+	(t)	52.9	(2.26)	21.0	(2.34)	18.1	(1.89)	14.4	(1.72)	2.7	(1.02)	72.0	(2.34)	28.6	(2.34)
Native Hawaiian/Pacific Islander.....	+	(t)	+	(t)	+	(t)	+	(t)	+	(t)	30.4	(5.52)	+	(t)	+	(t)	+	(t)	+	(t)
American Indian/Alaska Native.....	32.1	(4.21)	27.3	(4.44)	+	(t)	52.0	(4.77)	49.5	(4.86)	43.4	(4.25)	39.0	(4.34)	7.5	(3.12)	76.1	(4.04)	62.1	(4.43)
Two or more races.....	25.2	(2.75)	23.6	(2.72)	+	(t)	63.3	(3.24)	36.5	(3.11)	42.7	(3.38)	37.3	(3.25)	4.7	(1.52)	77.9	(2.86)	47.0	(3.27)
Education																				
Less than high school.....	24.3	(0.96)	20.7	(0.90)	1.6	(0.26)	45.1	(1.15)	44.8	(1.16)	36.7	(1.09)	31.2	(1.04)	4.9	(0.44)	66.5	(1.09)	52.3	(1.20)
High school graduate.....	21.0	(0.61)	18.0	(0.59)	1.4	(0.20)	54.8	(0.78)	37.5	(0.76)	34.3	(0.74)	29.0	(0.72)	4.6	(0.34)	74.6	(0.63)	45.4	(0.77)
Some college.....	22.0	(0.70)	19.0	(0.68)	1.3	(0.18)	68.6	(0.82)	30.6	(0.80)	36.2	(0.84)	31.3	(0.82)	4.3	(0.34)	84.5	(0.62)	40.7	(0.84)
College graduate.....	18.2	(1.04)	15.4	(0.95)	1.6	(0.39)	81.1	(0.98)	21.7	(1.10)	31.9	(1.31)	26.6	(1.24)	5.1	(0.63)	89.8	(0.80)	31.6	(1.24)
Employment status																				
Full-time.....	20.0	(0.61)	16.7	(0.55)	1.7	(0.21)	68.9	(0.73)	36.9	(0.74)	33.3	(0.72)	27.4	(0.70)	5.0	(0.35)	84.0	(0.59)	45.5	(0.78)
Part-time.....	22.3	(0.73)	19.7	(0.70)	1.2	(0.20)	63.4	(0.90)	31.1	(0.81)	37.0	(0.87)	32.4	(0.84)	4.6	(0.39)	80.5	(0.72)	40.2	(0.90)
Unemployed.....	26.9	(1.05)	23.4	(1.01)	1.8	(0.37)	57.9	(1.22)	44.2	(1.26)	40.3	(1.25)	35.8	(1.19)	5.7	(0.58)	76.8	(1.08)	52.9	(1.25)
Other <sup>2</sup> .....	19.8	(0.80)	16.9	(0.74)	1.1	(0.19)	49.3	(1.10)	27.9	(0.85)	32.1	(0.98)	27.1	(0.95)	3.3	(0.34)	68.9	(0.98)	36.7	(0.93)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes other illegal drug use not shown separately—specifically, the use of heroin, hallucinogens, and inhalants, as well as the nonmedical use of prescription-type pain relievers, tranquilizers, stimulants, and sedatives.<sup>2</sup>Includes retired persons, disabled persons, homemakers, students, or other persons not in labor force.

NOTE: Marijuana includes hashish usage. Race categories exclude persons of Hispanic ethnicity.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, National Survey on Drug Use and Health, 2005 and 2010. Retrieved April 5, 2012, from <http://www.oas.samhsa.gov/2k12/reports.htm>. (This table was prepared April 2012.)

**Table 453. Percentage of 1972 high school seniors, 1992 high school seniors, and 2004 high school seniors who felt that certain life values were “very important,” by sex: Selected years, 1972 through 2004**

[Standard errors appear in parentheses]

Year and sex	Being successful in work	Finding steady work	Having lots of money	Being a leader in the community	Helping others in the community	Correcting inequalities	Having children	Having a happy family life	Giving my children better opportunities	Living close to parents or relatives	Moving from area	Having strong friendships	Having leisure time
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1972 seniors</b>													
In 1972													
Total.....	84.5 (0.35)	78.2 (0.39)	17.9 (0.36)	11.4 (0.29)	— (†)	27.1 (0.41)	— (†)	82.1 (0.36)	67.7 (0.44)	8.0 (0.25)	14.3 (0.33)	79.1 (0.37)	— (†)
Male.....	86.4 (0.47)	82.3 (0.52)	25.8 (0.58)	14.9 (0.47)	— (†)	23.0 (0.55)	— (†)	79.0 (0.55)	67.4 (0.62)	7.4 (0.34)	14.0 (0.46)	80.5 (0.52)	— (†)
Female.....	82.6 (0.51)	74.1 (0.58)	10.1 (0.38)	7.9 (0.34)	— (†)	31.2 (0.60)	— (†)	85.2 (0.47)	67.9 (0.61)	8.7 (0.37)	14.7 (0.47)	77.6 (0.53)	— (†)
In 1974													
Total.....	77.2 (0.40)	66.9 (0.44)	13.1 (0.31)	6.1 (0.21)	— (†)	16.6 (0.34)	— (†)	84.8 (0.34)	59.4 (0.45)	9.9 (0.28)	7.6 (0.25)	75.4 (0.40)	57.9 (0.46)
Male.....	80.3 (0.54)	74.4 (0.59)	17.6 (0.51)	8.2 (0.35)	— (†)	15.8 (0.47)	— (†)	82.7 (0.51)	58.8 (0.65)	8.0 (0.36)	7.9 (0.36)	76.2 (0.57)	60.6 (0.65)
Female.....	74.2 (0.58)	59.7 (0.64)	8.6 (0.36)	4.1 (0.25)	— (†)	17.3 (0.48)	— (†)	86.9 (0.44)	60.0 (0.63)	11.8 (0.42)	7.3 (0.34)	74.7 (0.56)	55.4 (0.65)
In 1976													
Total.....	74.5 (0.41)	70.4 (0.43)	13.0 (0.31)	6.2 (0.22)	— (†)	16.1 (0.34)	— (†)	85.1 (0.34)	57.9 (0.46)	9.3 (0.27)	6.4 (0.23)	74.3 (0.41)	62.6 (0.45)
Male.....	79.8 (0.55)	79.3 (0.55)	17.1 (0.50)	8.7 (0.36)	— (†)	15.6 (0.48)	— (†)	84.2 (0.50)	58.8 (0.65)	7.2 (0.34)	6.6 (0.33)	76.4 (0.57)	65.1 (0.64)
Female.....	69.3 (0.61)	61.6 (0.64)	9.0 (0.37)	3.8 (0.24)	— (†)	16.5 (0.48)	— (†)	85.9 (0.46)	57.1 (0.64)	11.4 (0.42)	6.3 (0.32)	72.3 (0.58)	60.0 (0.64)
<b>1992 seniors</b>													
In 1992													
Total.....	88.8 (0.44)	88.5 (0.41)	37.1 (0.63)	— (†)	33.8 (0.63)	20.2 (0.55)	44.6 (0.65)	79.0 (0.57)	76.0 (0.56)	16.6 (0.46)	20.6 (0.55)	80.0 (0.52)	64.0 (0.64)
Male.....	88.3 (0.69)	87.8 (0.59)	45.6 (0.98)	— (†)	27.9 (0.93)	17.1 (0.72)	39.5 (0.96)	75.8 (0.89)	74.6 (0.83)	14.9 (0.60)	20.9 (0.83)	79.8 (0.70)	66.3 (0.95)
Female.....	89.3 (0.53)	89.2 (0.56)	28.6 (0.79)	— (†)	39.7 (0.86)	23.3 (0.83)	49.7 (0.87)	82.1 (0.72)	77.3 (0.75)	18.2 (0.68)	20.3 (0.71)	80.3 (0.77)	61.7 (0.84)
In 1994													
Total.....	89.7 (0.38)	89.7 (0.40)	36.9 (0.63)	— (†)	— (†)	— (†)	— (†)	— (†)	91.3 (0.34)	— (†)	— (†)	86.2 (0.44)	— (†)
Male.....	89.6 (0.55)	89.1 (0.61)	41.3 (0.94)	— (†)	— (†)	— (†)	— (†)	— (†)	91.1 (0.52)	— (†)	— (†)	87.2 (0.58)	— (†)
Female.....	89.7 (0.52)	90.3 (0.52)	32.5 (0.86)	— (†)	— (†)	— (†)	— (†)	— (†)	91.5 (0.43)	— (†)	— (†)	85.1 (0.65)	— (†)
<b>2004 seniors</b>													
In 2004													
Total.....	91.3 (0.33)	87.3 (0.40)	35.1 (0.58)	— (†)	41.7 (0.57)	19.7 (0.46)	49.3 (0.55)	81.0 (0.46)	82.5 (0.45)	24.5 (0.50)	18.3 (0.45)	85.5 (0.41)	69.0 (0.55)
Male.....	89.7 (0.49)	85.6 (0.55)	42.7 (0.80)	— (†)	35.2 (0.77)	18.1 (0.60)	45.4 (0.75)	80.1 (0.63)	82.1 (0.64)	22.3 (0.65)	18.6 (0.63)	84.9 (0.56)	70.2 (0.69)
Female.....	92.9 (0.40)	89.0 (0.49)	27.6 (0.69)	— (†)	48.1 (0.74)	21.2 (0.67)	53.2 (0.78)	81.9 (0.64)	82.9 (0.58)	26.6 (0.74)	17.9 (0.59)	86.1 (0.57)	67.8 (0.74)

—Not available.

†Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Longitudinal Study of the High School Class of 1972, “Base Year” (NLS:72), “Second Follow-up” (NLS:72/74), and “Third Follow-up” (NLS:72/76); National

Education Longitudinal Study of 1988, “Second Follow-up, Student Survey, 1992” (NELS:88/92) and “Third Follow-up, 1994” (NELS:88/94); and Education Longitudinal Study of 2002, “First Follow-up” (ELS:02/04). (This table was prepared October 2011.)

## CHAPTER 6

# International Comparisons of Education

This chapter offers a broad perspective on education across the nations of the world. It also provides an international context for examining the condition of education in the United States. Insights into the educational practices and outcomes of the United States are obtained by comparing them with those of other education systems. Most of the education systems represent countries; however, some of the tables in this chapter also include data for subnational entities with separate education systems, such as Hong Kong. The National Center for Education Statistics (NCES) carries out a variety of activities in order to provide statistical data for international comparisons of education.

This chapter presents data drawn from materials prepared by the United Nations Educational, Scientific, and Cultural Organization (UNESCO); the Organization for Economic Cooperation and Development (OECD); and the International Association for the Evaluation of Educational Achievement (IEA). Basic summary data on enrollments and enrollment ratios, teachers, educational attainment, and finances were synthesized from data published by OECD in the Online Education Database and the annual *Education at a Glance* report, as well as from data collected by UNESCO. Even though their tabulations are carefully prepared, international data users should be cautioned about the many problems of definition and reporting involved in the collection of data about the education systems of the world (see the OECD and UNESCO entries in Appendix A: Guide to Sources).

Also presented in this chapter are data from two international assessments of student achievement that are carried out under the aegis of IEA and supported by NCES. The Trends in International Mathematics and Science Study (TIMSS), formerly known as the Third International Mathematics and Science Study, assesses the mathematics and science knowledge and skills of fourth- and eighth-graders every 4 years. The Progress in International Reading Literacy Study (PIRLS) measures the reading knowledge and skills of fourth-graders every 5 years.

This chapter includes additional information from the Program for International Student Assessment (PISA), an OECD assessment supported by NCES. PISA provides performance scores of 15-year-olds in the areas of reading, mathematics, and science literacy; it also measures general, or cross-curricular, competencies such as learning strategies. While PISA focuses on OECD countries, data from some non-OECD education systems are also provided.

Further information on survey methodologies is in Appendix A: Guide to Sources and in the publications cited in the table source notes.

## Population

Among the reporting OECD countries, Mexico had the largest percentage of its population made up of young people ages 5 to 14 (20 percent) in 2009, followed by Israel and Turkey (both at 18 percent) (table 456). OECD countries with small percentages of people in this age group included the Czech Republic, Estonia, Germany, Greece, Italy, Japan, Slovenia, and Spain (all at 9 percent), and Austria, Hungary, Poland, Portugal, the Slovak Republic, and Switzerland (all at 10 percent). In the United States, the proportion of 5- to 14-year-olds was 13 percent, which was higher than in most of the other OECD countries.

## Enrollments

In 2010, about 1.4 billion students were enrolled in schools around the world (table 454). Of these students, 691 million were in elementary-level programs, 543 million were in secondary programs, and 178 million were in postsecondary programs.

From 2000 to 2010, enrollment changes varied from region to region. Changes in elementary enrollment ranged from increases of 45 percent in Africa and 6 percent in Oceania to decreases of 12 percent in Europe, 5 percent in Central and South America (including Latin America and the Caribbean), 3 percent in Northern America (including Bermuda, Canada, and the United States), and 1 percent in Asia (table F, table 454, and figure 27). Over the same period, secondary enrollment increased by 62 percent in Africa, 29 percent in Asia, 10 percent in Central and South America, and 7 percent in Northern America, but decreased by 18 percent in Europe and 5 percent in Oceania. At the postsecondary level, enrollments increased in all major areas of the world from 2000 to 2010. Postsecondary enrollment rose by 118 percent in Asia, 88 percent in Central and South America, 63 percent in Africa, 51 percent in Northern America and in Oceania, and 29 percent in Europe. These increases are due to both growth in the percentages of people attending postsecondary institutions and population increases.

**Table F. Population and enrollment at different levels in major areas of the world: 2000 and 2010**

[In millions]

Area of the world	Population	Enrollment		
		Elementary	Secondary	Postsecondary
<b>World total</b>				
2000.....	6,089.8	654.8	450.7	99.9
2010.....	6,863.8	691.3	543.5	177.7
<b>Africa</b>				
2000.....	803.6	108.4	37.6	6.4
2010.....	1,024.4	157.4	61.0	10.4
<b>Asia</b>				
2000.....	3,693.9	404.1	259.2	41.1
2010.....	4,138.8	400.7	334.7	89.5
<b>Europe</b>				
2000.....	730.6	41.7	70.4	25.6
2010.....	738.4	36.7	57.5	33.0
<b>Central and South America</b>				
2000.....	517.9	70.0	55.1	11.4
2010.....	584.1	66.7	60.4	21.4
<b>Northern America</b>				
2000.....	313.4	27.4	25.1	14.4
2010.....	343.2	26.5	26.8	21.8
<b>Oceania</b>				
2000.....	30.4	3.1	3.4	1.0
2010.....	34.9	3.3	3.2	1.6

SOURCE: United Nations Educational, Scientific, and Cultural Organization, unpublished tabulations, and U.S. Department of Commerce, Census Bureau, International Data Base.

In 2009, the reporting OECD country with the highest proportion of 18- to 21-year-olds enrolled in postsecondary education was the Republic of Korea (70 percent), followed by the United States (47 percent), Belgium (44 percent), Ireland (43 percent), and Slovenia (42 percent) (table 457). Also in 2009, the reporting OECD country with the highest proportion of 22- to 25-year-olds enrolled in postsecondary education was Slovenia (39 percent), followed by Finland (37 percent), the Republic of Korea (36 percent), Denmark (33 percent), and Poland (32 percent). The United States' proportion of enrolled 22- to 25-year-olds was 26 percent. Postsecondary enrollment varied among countries due partially to differences in how postsecondary education is defined and the age at which postsecondary education begins. For example, programs classified as postsecondary education in some countries may be classified as long-duration secondary education in other countries.

## Achievement

### Mathematics and Science at Grades 4 and 8

The 2011 TIMSS assessed students' mathematics and science performance at grade 4 in 45 countries and at grade 8 in 38 countries. A number of subnational entities also participated in TIMSS as separate education systems. Examples of subnational participants include the cities of Hong Kong and Taipei, several U.S. states and Canadian provinces, Northern Ireland and England within the United Kingdom, and the Flemish community in Belgium. Results for individual U.S. states are based on public school students only,

while U.S. national results are based on both public and private school students. TIMSS assessments are curriculum based and measure what students have actually learned against the subject matter that is expected to be taught in the participating education systems by the end of grades 4 and 8. At both grades, TIMSS scores are reported on a scale of 0 to 1,000, with the scale average set at 500.

In 2011, the average mathematics scores of U.S. fourth-graders (541) and eighth-graders (509) were higher than the TIMSS scale average of 500 (tables 460 and 461). The average U.S. fourth-grade mathematics score was higher than the average score in 37 of the 44 other countries participating at grade 4, lower than the average score in 3 countries, and not measurably different from the average score in the remaining 4 countries (table 460). The 3 countries that outperformed the United States in fourth-grade mathematics were Singapore, the Republic of Korea, and Japan. At grade 8, the average U.S. mathematics score was higher than the average score in 27 of the 37 other participating countries in 2011, lower than the average score in 4 countries, and not measurably different from the average score in the remaining 6 countries (table 461). The 4 countries that outperformed the United States in eighth-grade mathematics were the Republic of Korea, Singapore, Japan, and the Russian Federation.

Of the two U.S. states that participated in the 2011 TIMSS as separate education systems at grade 4, one state—North Carolina—had an average score for public schools that was higher than both the TIMSS scale average and the U.S. national average in mathematics (table 460). Public schools in the other state, Florida, had an average fourth-grade mathematics score that was higher than the TIMSS scale average but not measurably different from the U.S. national average. Of the nine U.S. states that participated separately at grade 8, four states—Massachusetts, Minnesota, North Carolina, and Indiana—had public school average scores that were higher than both the TIMSS scale average and the U.S. national average in mathematics (table 461). The public schools in three states—Colorado, Connecticut, and Florida—had average eighth-grade mathematics scores that were higher than the TIMSS scale average but not measurably different from the U.S. national average. The average eighth-grade score for public schools in California was not measurably different from the TIMSS scale average but was lower than the U.S. national average, while Alabama's public school average was lower than both the TIMSS scale average and the U.S. national average in mathematics.

The average science scores of both U.S. fourth-graders (544) and U.S. eighth-graders (525) were higher than the TIMSS scale average of 500 in 2011 (tables 460 and 461). The average U.S. fourth-grade science score was higher than the average score in 39 of the 44 other countries participating at grade 4 and lower than the average score in 5 countries (table 460). The 5 countries that outperformed the United States in fourth-grade science were the Republic of Korea, Singapore, Finland, Japan, and the Russian Federation. At grade 8, the average U.S. science score was higher than the average score in 28 of the 37 other participating countries in

2011, lower than the average score in 6 countries, and not measurably different from the average score in the remaining 3 countries (table 461). The 6 countries that outperformed the United States in eighth-grade science were Singapore, the Republic of Korea, Japan, Finland, Slovenia, and the Russian Federation.

Public schools in both Florida and North Carolina, which were the two U.S. states participating in the 2011 TIMSS at grade 4, had average fourth-grade science scores that were higher than the TIMSS scale average but not measurably different from the U.S. national average (table 460). Of the nine U.S. states that participated at grade 8, three states—Massachusetts, Minnesota, and Colorado—had public school average scores that were higher than both the TIMSS scale average and the U.S. national average in science (table 461). Public schools in four states—Indiana, Connecticut, North Carolina, and Florida—had average eighth-grade science scores that were higher than the TIMSS scale average but not measurably different from the U.S. national average. The average eighth-grade score for public schools in California was not measurably different from the TIMSS scale average but was lower than the U.S. national average, while Alabama's public school average was lower than both the TIMSS scale average and the U.S. national average in science.

## Reading Literacy at Grade 4

PIRLS has conducted international assessments of fourth-grade reading literacy in 2001, 2006, and 2011. In 2011, PIRLS participants consisted of 40 countries as well as a number of subnational education systems. Examples of subnational participants include the cities of Hong Kong and Taipei, the public school system of the U.S. state of Florida, several Canadian provinces, Northern Ireland and England within the United Kingdom, and the Flemish community in Belgium. PIRLS scores are reported on a scale from 0 to 1,000, with the scale average set at 500.

On the 2011 PIRLS, U.S. fourth-graders had an average reading literacy score of 556 (table 462). The U.S. average score in 2011 was 14 points higher than in 2001 and 16 points higher than in 2006. In all 3 assessment years, the U.S. average score was higher than the PIRLS scale average.

In 2011, the average reading literacy score of fourth-graders in the United States was higher than the average score in 33 of the 39 other participating countries, lower than the average score in 3 countries, and not measurably different from the average in the remaining 3 countries. The 3 countries that outperformed the United States on the 2011 PIRLS were the Russian Federation, Finland, and Singapore. Public school students in Florida scored higher than both the PIRLS scale average and the U.S. national average.

In the United States, the 2011 average reading literacy score for girls (562) was higher than the average score for boys (551). In 34 of the 39 other participating countries, the average score for girls was also higher than the average score for boys, while there was no measurable difference between girls' and boys' average scores in the remaining 5 countries.

## Reading, Mathematics, and Science Literacy at Age 15

On the 2009 PISA assessment, U.S. 15-year-olds' average score in reading literacy was 500, which was not measurably different from the OECD average of 493 (table 463). (Possible scores on PISA assessments range from 0 to 1,000.) The average reading literacy score in the United States was lower than the average score in 6 of the 33 other OECD countries, higher than the average score in 13 of the other OECD countries, and not measurably different from the average score in 14 of the OECD countries. Reading literacy results were also reported for 31 non-OECD education systems, 3 of which had a higher average score than the United States. In all participating OECD countries and non-OECD education systems, girls outperformed boys in reading. The U.S. gender gap in reading (25 points) was smaller than the OECD average gap (39 points) and smaller than the gaps in 24 of the OECD countries and 21 of the non-OECD education systems.

In mathematics literacy, U.S. 15-year-olds' average score of 487 on the 2009 PISA assessment was lower than the OECD average score of 496. The average mathematics literacy score in the United States was lower than the average score in 17 of the 33 other OECD countries, higher than the average score in 5 of the other OECD countries, and not measurably different from the average score in 11 of the OECD countries. In 6 of the 31 non-OECD education systems, the average mathematics literacy score of 15-year-olds was higher than the average score in the United States. In science literacy, the average score of 15-year-olds in the United States (502) was not measurably different from the OECD average score (501). The U.S. average science literacy score was lower than the average score in 12 of the 33 other OECD countries, higher than the average score in 9 of the other OECD countries, and not measurably different from the average score in 12 of the OECD countries. In 6 of the 31 non-OECD education systems, the average science literacy score of 15-year-olds was higher than the average score in the United States.

## Educational Attainment

In 2010, the percentage of 25- to 64-year-olds who had completed high school varied among reporting OECD countries (table 467). Countries with high percentages included the Czech Republic (92 percent); the Slovak Republic (91 percent); Estonia, the United States, and Poland (all at 89 percent); and Canada (88 percent). Ten additional countries had percentages between 80 and 87 percent. Countries with relatively low percentages of 25- to 64-year-olds who had completed high school included Turkey (31 percent), Portugal (32 percent), and Mexico (36 percent).

In 2010, the OECD country reporting the highest percentage of 25- to 64-year-olds with a bachelor's or higher degree was Norway (35 percent), followed by the United States (32 percent), Israel (31 percent), and the Netherlands (30 per-

cent) (table 468). The countries with the lowest percentages of 25- to 64-year-olds who had attained a bachelor's or higher degree were Austria (12 percent) and Slovenia and Turkey (both at 13 percent). The percentage of younger adults (25 to 34 years old) with a bachelor's or higher degree also varied in 2010 (table 468 and figure 28). The OECD country reporting the highest percentage of 25- to 34-year-olds at this level of educational attainment was Norway (46 percent). Five other countries reported that more than 35 percent of their 25- to 34-year-olds had a bachelor's or higher degree: the Republic of Korea (39 percent), the Netherlands and the United Kingdom (both at 38 percent), and Poland and Finland (both at 37 percent). The lowest percentages were reported by Austria (15 percent) and Turkey (17 percent). In the United States, 33 percent of adults in this age group had a bachelor's or higher degree.

## Degrees

In 30 of the 33 reporting OECD countries, more than half of all bachelor's and higher degrees were awarded to women in 2010 (table 472). However, the proportion of degrees awarded to women varied by field. For example, 31 of the 33 countries reported that more than 70 percent of education degrees at the bachelor's or higher level were awarded to women. In contrast, women received less than 25 percent of the computer science degrees in 27 of the 32 countries reporting data on degrees awarded in this field.

The percentages of bachelor's degrees that were awarded in mathematics and science fields—including natural sciences, mathematics and computer science, and engineering—varied across the 32 OECD countries that reported these data in 2009 (table 473). Only one of the reporting OECD countries awarded more than 30 percent of its bachelor's degrees in mathematics and science fields: the Republic of Korea (35 percent). Three of the countries awarded 15 percent or less of their bachelor's degrees in mathematics and science fields: Norway and the Netherlands (14 percent each) and Iceland (15 percent). In 2009, the United States awarded 16 percent of its bachelor's degrees in mathematics

and science fields, a lower percentage than most other reporting countries.

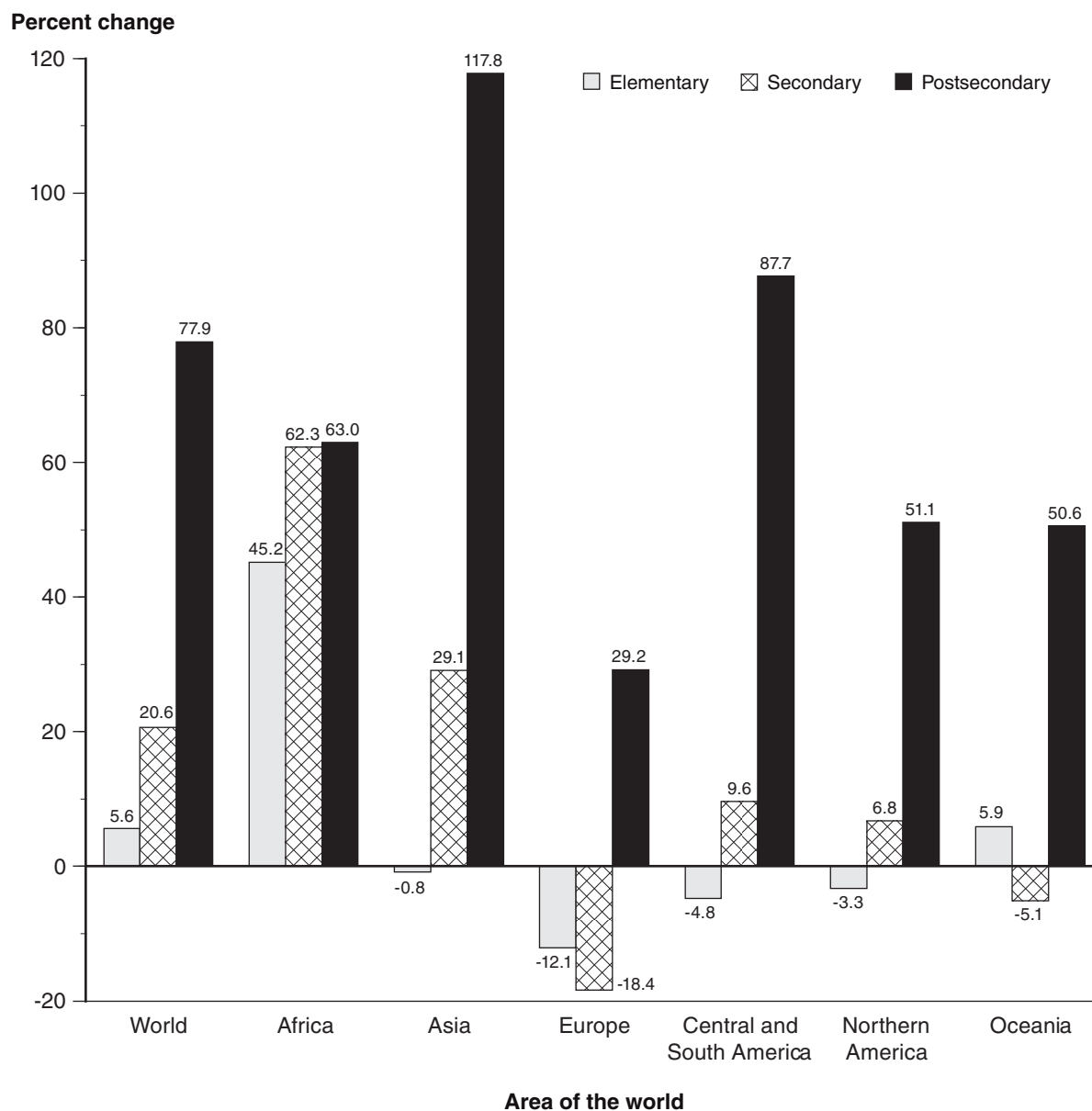
The percentages of graduate degrees awarded in mathematics and science fields ranged widely across the 31 OECD countries that reported these data in 2009 (table 474). Six of the reporting OECD countries awarded 30 percent or more of their graduate degrees in mathematics and science fields: Japan (47 percent), Finland (34 percent), Austria and Portugal (both at 33 percent), and Germany and Sweden (both at 32 percent). Seven OECD countries awarded 15 percent or less of their graduate degrees in mathematics and science fields: Chile (8 percent), Hungary (10 percent), Poland (11 percent), Mexico (12 percent), Iceland and the United States (both at 13 percent), and the Netherlands (15 percent).

## Finances

In 2009, per student expenditures at the combined elementary and secondary level of education were over \$11,000 (in current U.S. dollars) in 6 of the 31 OECD countries reporting finance data (table 476). Specifically, Luxembourg spent \$18,000 per elementary/secondary student; Switzerland spent \$13,400; Norway spent \$13,000; the United States spent \$11,800; Austria spent \$11,700; and Denmark spent \$11,100. At the higher education level, 6 countries had expenditures of over \$17,500 per student in 2009: the United States (\$29,200), Switzerland (\$21,600), Sweden (\$20,000), Norway (\$19,300), Denmark (\$18,600), and the Netherlands (\$17,800). These expenditures were adjusted to U.S. dollars using the purchasing-power-parity (PPP) index. This index is considered more stable and comparable than indexes using currency exchange rates.

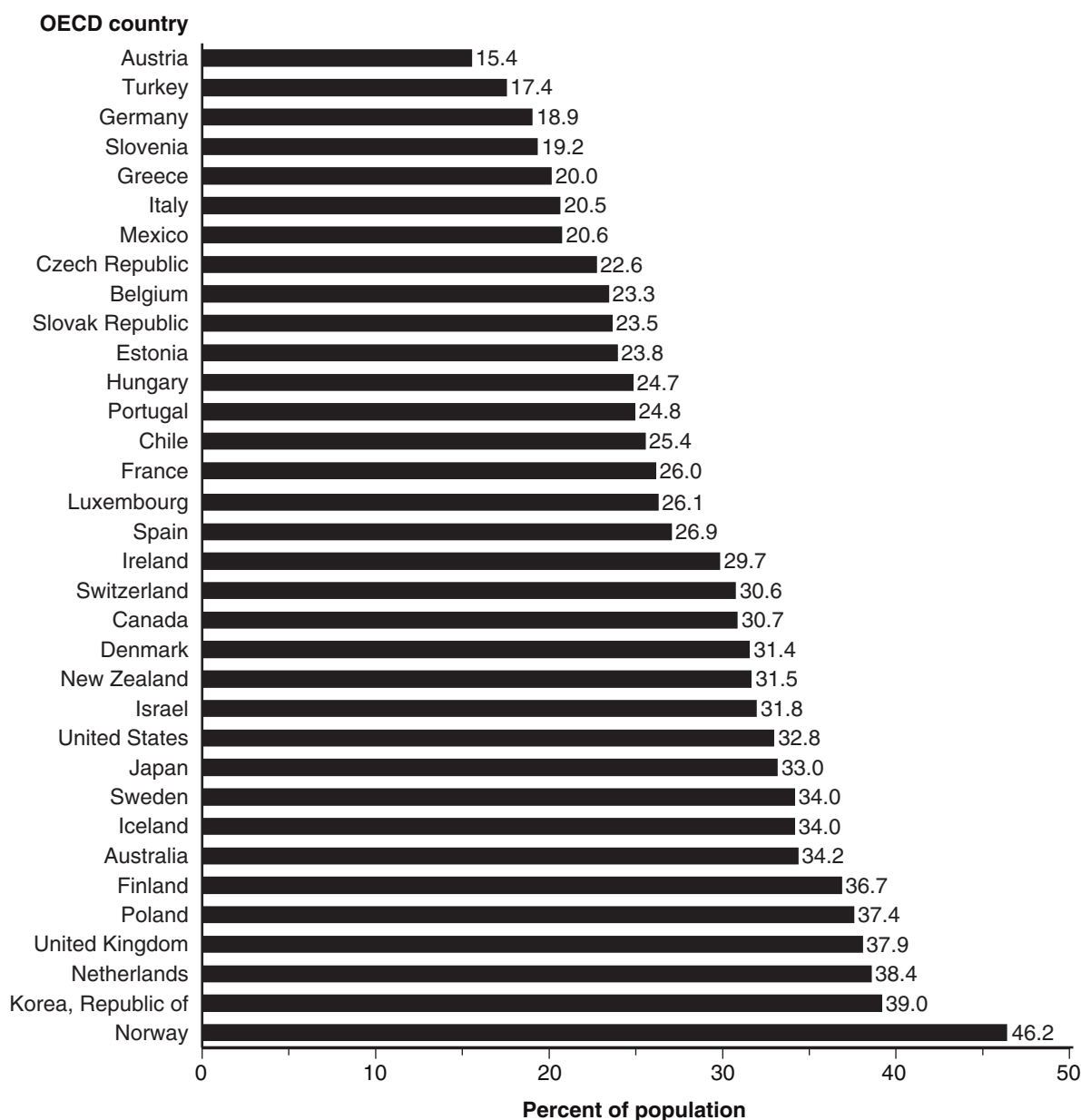
A comparison of public direct expenditures on education as a percentage of gross domestic product (GDP) in reporting OECD countries shows that national investment in education in 2009 ranged from 3.6 percent in Japan to 7.3 percent in Iceland and 7.5 percent in Denmark (table 477 and figure 29). Among reporting OECD countries, the average public direct expenditure on education in 2009 was 5.4 percent of GDP. In the United States, the public direct expenditure on education as a percentage of GDP was 5.3 percent.



**Figure 27. Percentage change in enrollment, by major areas of the world and level of education: 2000 to 2010**

NOTE: Europe includes all countries of the former Union of Soviet Socialist Republics (U.S.S.R.) except Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan, which are included in Asia. Turkey, the Arab states, and Israel are also included in Asia. Central and South America includes Latin America and the Caribbean. Enrollment data for Northern America include Bermuda, Canada, and the United States of America. Data include imputed values for nonrespondent countries.

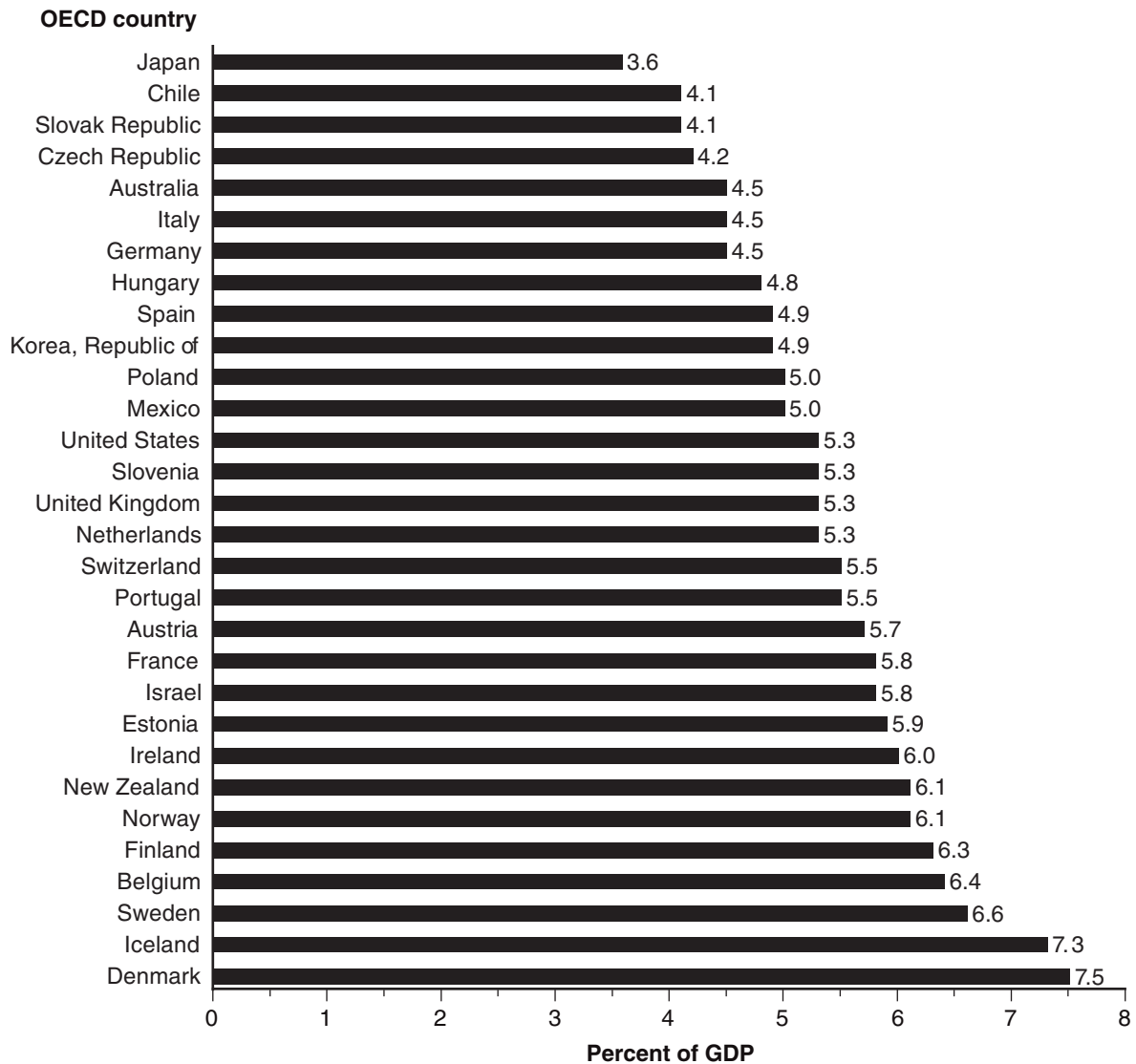
SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), previously unpublished tabulations (August 2012).

**Figure 28. Percentage of the population 25 to 34 years old with a bachelor's or higher level degree, by OECD country: 2010**

NOTE: Refers to degrees classified as International Standard Classification of Education (ISCED) level 5A (first and second award) or level 6. ISCED 5A, first award, corresponds to the bachelor's degree in the United States; ISCED 5A, second award, corresponds to master's and first-professional degrees in the United States; and ISCED 6 corresponds to doctor's degrees.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2012.

**Figure 29. Public direct expenditures on education institutions as a percentage of gross domestic product (GDP), by OECD country: 2009**



NOTE: Includes both amounts spent directly by governments to hire educational personnel and to procure other resources and amounts provided by governments to public or private institutions.  
 SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance, 2012*.

**Table 454. Population, school enrollment, and teachers, by major areas of the world and level of education: Selected years, 1980 through 2010**  
[In thousands]

Year and selected characteristic	World total <sup>1</sup>	Major areas of the world					
		Africa	Asia <sup>1,2</sup>	Europe <sup>2</sup>	Central and South America <sup>3</sup>	Northern America <sup>3</sup>	Oceania
1	2	3	4	5	6	7	8
<b>1980</b>							
Population, all ages <sup>4</sup> .....	4,450,924	478,551	2,644,076	695,225	358,609	251,929	22,534
Enrollment, all levels .....	856,283	74,792	493,891	134,690	87,156	60,541	5,213
First (elementary) level <sup>5</sup> .....	524,493	59,154	333,944	49,038	56,814	22,893	2,649
Second level <sup>6</sup> .....	282,253	14,187	146,975	68,700	25,543	24,695	2,153
Third level <sup>7</sup> .....	49,537	1,450	12,972	16,952	4,799	12,954	411
Teachers, all levels .....	38,888	2,252	19,316	—	3,784	—	277
First (elementary) level <sup>5</sup> .....	18,509	1,606	10,708	2,575	1,873	—	134
Second level <sup>6</sup> .....	16,487	564	7,471	5,506	1,526	1,309	112
Third level <sup>7</sup> .....	3,892	82	1,138	—	385	815	31
<b>1990</b>							
Population, all ages <sup>4</sup> .....	5,287,167	630,148	3,189,546	722,638	440,889	277,533	26,412
Enrollment, all levels .....	975,281	104,938	561,819	132,629	108,556	61,543	5,797
First (elementary) level <sup>5</sup> .....	576,977	76,465	361,578	46,580	65,116	24,629	2,609
Second level <sup>6</sup> .....	331,212	25,764	177,809	67,339	36,195	21,534	2,571
Third level <sup>7</sup> .....	67,092	2,709	22,432	18,709	7,245	15,379	617
Teachers, all levels .....	47,373	3,604	24,527	9,879	5,110	3,938	315
First (elementary) level <sup>5</sup> .....	22,179	2,271	13,072	2,686	2,403	1,608	139
Second level <sup>6</sup> .....	20,208	1,194	9,776	5,658	2,106	1,340	135
Third level <sup>7</sup> .....	4,986	139	1,679	1,535	601	991	41
<b>1995</b>							
Population, all ages <sup>4</sup> .....	5,699,516	712,904	3,451,230	730,000	480,905	296,092	28,385
Enrollment, all levels .....	1,086,248	125,297	630,691	137,197	120,132	65,901	7,030
First (elementary) level <sup>5</sup> .....	619,120	90,412	386,981	44,849	67,627	26,243	3,008
Second level <sup>6</sup> .....	387,756	30,632	215,228	71,103	44,333	23,595	2,864
Third level <sup>7</sup> .....	79,373	4,254	28,482	21,245	8,172	16,063	1,158
Teachers, all levels .....	52,042	4,209	26,979	10,535	5,735	4,208	—
First (elementary) level <sup>5</sup> .....	23,775	2,560	14,045	2,769	2,629	1,622	149
Second level <sup>6</sup> .....	22,537	1,441	10,931	6,088	2,406	1,503	—
Third level <sup>7</sup> .....	5,730	207	2,003	1,677	700	1,083	—
<b>2000</b>							
Population, all ages <sup>4</sup> .....	6,089,811	803,587	3,693,908	730,598	517,908	313,388	30,421
Enrollment, all levels .....	1,205,402	152,280	704,364	137,707	136,545	66,967	7,538
First (elementary) level <sup>5</sup> .....	654,779	108,350	404,087	41,730	70,046	27,435	3,130
Second level <sup>6</sup> .....	450,724	37,566	259,201	70,407	55,070	25,117	3,363
Third level <sup>7</sup> .....	99,899	6,364	41,076	25,571	11,428	14,416	1,044
Teachers, all levels .....	56,362	4,934	29,100	10,682	6,591	4,651	—
First (elementary) level <sup>5</sup> .....	24,817	2,866	14,489	2,727	2,774	1,806	155
Second level <sup>6</sup> .....	24,853	1,783	12,162	6,083	2,947	1,684	—
Third level <sup>7</sup> .....	6,692	285	2,449	1,872	870	1,161	—
<b>2005</b>							
Population, all ages <sup>4</sup> .....	6,473,525	908,043	3,919,743	732,981	552,066	328,033	32,659
Enrollment, all levels .....	1,333,658	191,890	783,341	135,125	143,447	72,388	7,468
First (elementary) level <sup>5</sup> .....	685,284	135,526	412,500	38,468	68,868	26,780	3,141
Second level <sup>6</sup> .....	509,862	48,023	308,411	64,853	58,505	27,039	3,032
Third level <sup>7</sup> .....	138,512	8,341	62,430	31,804	16,073	18,569	1,294
Teachers, all levels .....	64,353	5,900	34,535	10,662	7,751	5,081	—
First (elementary) level <sup>5</sup> .....	27,024	3,454	15,930	2,651	2,965	1,865	160
Second level <sup>6</sup> .....	28,248	2,111	14,733	5,781	3,562	1,865	—
Third level <sup>7</sup> .....	9,081	335	3,872	2,231	1,225	1,351	—
<b>2010</b>							
Population, all ages <sup>4</sup> .....	6,863,771	1,024,360	4,138,778	738,421	584,050	343,222	34,940
Enrollment, all levels .....	1,412,489	228,693	824,858	127,212	148,515	75,134	8,078
First (elementary) level <sup>5</sup> .....	691,318	157,354	400,724	36,681	66,708	26,536	3,314
Second level <sup>6</sup> .....	543,487	60,967	334,672	57,485	60,360	26,813	3,191
Third level <sup>7</sup> .....	177,684	10,372	89,462	33,047	21,447	21,784	1,573
Teachers, all levels .....	71,519	7,228	39,388	10,412	8,399	5,635	—
First (elementary) level <sup>5</sup> .....	28,532	4,027	16,736	2,638	3,045	1,918	—
Second level <sup>6</sup> .....	32,003	2,793	17,880	5,336	3,660	2,128	—
Third level <sup>7</sup> .....	10,983	408	4,772	2,439	1,694	1,589	—

—Not available.

<sup>1</sup>Enrollment and teacher data for Asia and the world total exclude Taiwan.

<sup>2</sup>Europe includes all countries of the former Union of Soviet Socialist Republics (U.S.S.R.) except Armenia, Azerbaijan, Georgia, Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan, which are included in Asia. Turkey, the Arab states, and Israel are also included in Asia.

<sup>3</sup>Central and South America includes Latin America and the Caribbean. Northern America includes Bermuda, Canada, and the United States of America; the population data for Northern America also include Greenland as well as St. Pierre and Miquelon.

<sup>4</sup>Estimate of midyear population.

<sup>5</sup>First-level enrollment generally consists of elementary school, grades 1–6.

<sup>6</sup>Second-level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.

<sup>7</sup>Third-level enrollment includes college and university enrollment, and technical and vocational education beyond the secondary school level.

NOTE: Detail may not sum to totals because of rounding. Data include imputed values for nonrespondent countries. Enrollment and teacher data exclude several island countries or territories with small populations (less than 150,000). Some data have been revised from previously published figures.

SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), unpublished tabulations; and U.S. Department of Commerce, Census Bureau, International Data Base, retrieved August 23, 2012, from <http://www.census.gov/ipc/www/idb/region.php>. (This table was prepared August 2012.)

Table 455. Selected population and enrollment statistics for countries with populations over 10 million in 2010, by continent and country: Selected years, 1990 through 2010

Continent and country <sup>1</sup>	Midyear population (in millions)			Persons per square kilo- meter, 2010	First level <sup>2</sup>					Second level <sup>3</sup>					Third level <sup>4</sup>				
	1991	2000	2010		Enrollment (in thousands)		Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)		Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)		Gross enrollment ratio <sup>5</sup>		
					1999–2000	2009–10	1990–91	1999–2000	2009–10	1999–2000	2009–10	1990–91	1999–2000	2009–10	1999–2000	2009–10	1990–91	1999–2000	2009–10
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>World total<sup>6</sup></b> .....	<b>5,370</b>	<b>6,090</b>	<b>6,864</b>	<b>52</b>	<b>654,779</b>	<b>691,318</b>	<b>99</b>	<b>99</b>	<b>106</b>	<b>450,724</b>	<b>543,487</b>	<b>52</b>	<b>60</b>	<b>70</b>	<b>99,899</b>	<b>177,684</b>	<b>14</b>	<b>19</b>	<b>29</b>
<b>Africa</b>																			
Algeria <sup>7</sup> .....	26	31	36	15	4,843	3,312	100	108	110	—	—	61	—	—	—	1,144	11	—	31
Angola .....	10	13	17	14	—	4,273	92	—	124	355	850	12	15	31	—	66	1	—	4
Burkina Faso .....	9	12	16	59	852	2,048	33	42	76	190	538	7	10	21	11 <sup>8</sup>	51	1	1 <sup>8</sup>	3
Cameroon .....	12	15	19	41	2,237 <sup>9</sup>	3,510	101	87 <sup>9</sup>	120	700	1,283 <sup>8</sup>	28	28	42 <sup>8</sup>	66 <sup>8</sup>	220	3	4 <sup>8</sup>	11
Chad .....	6	8	11	8	914	1,727	54	68	93	137	430	8 <sup>10</sup>	11	25	6	22 <sup>8</sup>	1 <sup>11,12</sup>	1	2 <sup>8</sup>
Cote d'Ivoire .....	13	17	21	66	1,944	—	67	74	—	620 <sup>8</sup>	—	22	24 <sup>8</sup>	—	104 <sup>8</sup>	—	—	7 <sup>8</sup>	—
Democratic Rep. of the Congo .....	41	52	70	31	—	10,572	70	—	94	—	3,484	21 <sup>13</sup>	—	38	—	—	2	—	—
Egypt <sup>7</sup> .....	56	65	80	81	7,947 <sup>8</sup>	10,004	94	98 <sup>8</sup>	101	8,028 <sup>8</sup>	6,846	76	83 <sup>8</sup>	72	—	2,646	16 <sup>14,15</sup>	—	32
Ethiopia .....	49	64	86	86	5,847	13,635	33	55	102	1,195	4,207	14	14	36	68	435	1	1	5
Ghana <sup>7</sup> .....	16	19	24	104	2,561	—	75	85	—	1,057	—	36	41	—	—	—	1 <sup>11</sup>	—	—
Guinea .....	7	8	10	42	790	1,453	37	60	94	—	—	10	—	—	—	—	1	—	—
Kenya <sup>7</sup> .....	24	31	41	72	5,035	—	95	95	—	1,909	—	24 <sup>10</sup>	39	—	89	—	2 <sup>11</sup>	3	—
Madagascar .....	12	16	21	36	2,208	4,242	103	103	149	—	—	18 <sup>10</sup>	—	—	32	74	3	2	4
Malawi .....	10	12	15	164	2,695	3,417	68	139	135	487	692	8	32	32	4	10	1	#	1
Mali .....	9	11	15	12	1,017	2,019	26	55	80	258 <sup>8</sup>	758	7	17 <sup>8</sup>	38	20	81	1	2	6
Morocco <sup>7</sup> .....	24	28	32	71	3,670	3,945	67	92	111	1,541	—	35	38	—	276	—	11	9	—
Mozambique <sup>7</sup> .....	13	18	22	29	2,544	5,278	67	75	115	124	672	8	6	25	12	—	# <sup>12</sup>	1	—
Niger .....	8	11	15	12	579	1,726	29	33	66	106 <sup>8</sup>	303	7	7 <sup>8</sup>	13	—	17	1	—	1
Nigeria <sup>7</sup> .....	99	124	162	177	19,151	20,682	91	98	83	4,104	9,057	25	24	44	—	—	4 <sup>11,16</sup>	—	—
Rwanda .....	7	8	11	448	1,432	2,299	70	104	143	130	426	8	11	32	9	63	# <sup>17</sup>	1	5
Senegal .....	8	9	12	64	1,108	1,695	59	71	87	250	725	16	16	37	—	92 <sup>18</sup>	3	—	8 <sup>18</sup>
South Africa .....	39	45	49	40	7,445	—	122	106	—	4,142	—	74	85	—	—	—	13 <sup>19</sup>	—	—
Sudan <sup>7</sup> .....	22	27	33	18	2,567	—	53	48	—	980	—	24	25	—	204 <sup>8</sup>	—	3 <sup>11</sup>	6 <sup>8</sup>	—
Tunisia .....	8	10	11	68	1,414	—	113	115	—	1,104 <sup>8</sup>	—	45	76 <sup>8</sup>	—	180	—	9	19	—
Uganda .....	17	23	32	160	6,559	8,375	74 <sup>20,21</sup>	131	121	547	1,306 <sup>8</sup>	13 <sup>10,21</sup>	16	28 <sup>8</sup>	56	—	1	3	—
United Republic of Tanzania .....	26	33	44	50	4,382	8,419	70	68	102	—	—	5	—	—	—	85	# <sup>13</sup>	—	2
Zambia .....	8	10	13	18	1,590	2,899	99	84	115	—	—	24	—	—	25 <sup>8</sup>	—	2	2 <sup>8</sup>	—
Zimbabwe .....	10	12	12	30	—	—	116	—	—	—	—	50	—	—	—	95	5	—	6
<b>Asia</b>																			
Afghanistan <sup>7</sup> .....	14	22	29	45	749	5,279	27	19	97	—	2,044	9	—	46	—	—	2	—	—
Bangladesh .....	114	132	156	1,199	—	16,987	72	—	—	10,329	11,395	19	48	51	727	—	4	6	—
Cambodia .....	10	12	14	82	2,248	2,273	121	106	127	351	949 <sup>8</sup>	32	17	46 <sup>8</sup>	22	—	1	3	—
China .....	1,164	1,264	1,330	139	—	101,019	125	—	111	81,488	99,218	49	62	81	7,364	31,047	3	8	26
India .....	854	1,006	1,173	395	113,613	—	97	94	—	71,031	107,687	44 <sup>10</sup>	45	63	9,404	20,741	6	9	18
Indonesia .....	185	214	243	134	28,202 <sup>8</sup>	30,342	115	106 <sup>8</sup>	118	14,264 <sup>8</sup>	19,976	44	53 <sup>8</sup>	77	3,126	5,001	9 <sup>13</sup>	15	23
Iran, Islamic Republic of..	60	69	77	50	8,288	5,974	112	101	114	9,955	8,120	55	80	91	1,405	3,791	10 <sup>14</sup>	19	43
Iraq .....	17	23	30	68	3,639	—	111	95	—	1,224	—	47 <sup>10</sup>	38	—	289	—	12 <sup>17</sup>	12	—
Japan .....	124	127	128	350	7,529	7,099	100	101	103	8,782	7,296	97	102	102	3,982	3,836	30 <sup>13</sup>	49	60
Kazakhstan .....	17	16	17	6	1,208	958	87	96	111	2,003	1,714	98	94	97	—	610	40	28	38
Korea, North (DPR) .....	21	23	24	202	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South (Republic of)..	43	47	49	502	4,030	3,306	105	102	106	3,959	3,951	90	99	97	3,003	3,270	39	79	103

See notes at end of table.

Table 455. Selected population and enrollment statistics for countries with populations over 10 million in 2010, by continent and country: Selected years, 1990 through 2010—Continued

Continent and country <sup>1</sup>	Midyear population (in millions)			Persons per square kilo- meter, 2010	First level <sup>2</sup>					Second level <sup>3</sup>					Third level <sup>4</sup>				
	1991	2000	2010		Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>					
						1999–2000	2009–10	1990–91		1999–2000	2009–10	1990–91		1999–2000	2009–10	1990–91	1999–2000	2009–10	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Malaysia .....	18	23	28	86	3,026	—	94	98	—	2,205	—	56	66	—	549	—	7	26	—
Myanmar .....	41	47	53	82	4,858	5,126	106	105	126	2,268	2,852	23	40	54	—	—	4 <sup>13</sup>	—	—
Nepal <sup>7</sup> .....	19	25	29	202	3,780 <sup>9</sup>	4,901	108	118 <sup>9</sup>	—	1,348	—	33	35	—	94	377	5	4	—
Pakistan .....	122	152	184	239	13,987 <sup>18</sup>	18,756	61 <sup>22</sup>	70 <sup>18</sup>	95	—	9,685	23	—	34	—	—	3	—	—
Philippines .....	67	81	100	335	12,708	—	111	110	—	—	—	73	—	—	—	—	28	—	—
Saudi Arabia .....	16	21	26	12	—	3,321	73	—	106	—	3,036	44	—	101	404	904	12	23	37
Sri Lanka <sup>7</sup> .....	17	19	21	326	—	1,721	106	—	99	—	—	74	—	—	—	253	5 <sup>13,23</sup>	—	15
Syrian Arab Republic .....	13	16	22	121	2,775	2,429	108	109	118	1,069	2,732	52	45	72	—	—	18	—	—
Taiwan .....	20	22	23	717	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Thailand .....	56	62	66	130	6,101	—	99	97	—	—	4,807	30	—	77	1,900	2,427	19 <sup>12</sup>	35	46
Turkey .....	58	67	78	101	6,562	—	99	101	—	5,658	—	47	71	—	1,588 <sup>8</sup>	—	13	25 <sup>8</sup>	—
Uzbekistan .....	21	25	28	66	2,602	1,971	81	99	94	3,566	4,449	99	88	105	305	—	30	13	—
Vietnam .....	69	79	90	289	10,063	6,923	103	108	106	7,926	8,800	32	64	77	732	2,020	2	10	22
Yemen .....	13	17	23	45	2,464 <sup>8</sup>	3,427	79 <sup>16</sup>	75 <sup>8</sup>	87	1,151 <sup>8</sup>	1,562 <sup>8</sup>	23 <sup>16</sup>	43 <sup>8</sup>	44 <sup>8</sup>	173 <sup>8</sup>	—	4 <sup>13</sup>	10 <sup>8</sup>	—
Europe																			
Belgium .....	10	10	10	344	774	—	101	109	—	1,058	—	103	145	—	356	—	40	57	—
Czech Republic .....	10	10	10	132	645	—	96	103	—	958	—	91	87	—	254	—	16 <sup>24</sup>	29	—
France .....	59	61	65	101	3,885	4,159	108	105	110	5,929	5,873	99	108	113	2,015	—	40	54	—
Germany <sup>25</sup> .....	80	82	82	234	3,656	3,068	101	105	102	8,307	7,664	98	98	103	—	—	34	—	—
Greece .....	10	11	11	82	645	—	98	96	—	739	—	93	89	—	422	—	36	51	—
Italy <sup>7</sup> .....	57	58	61	207	2,836	2,822	103	103	102	4,404	4,626	83	93	100	1,770	—	32	49	—
Netherlands <sup>7</sup> .....	15	16	17	489	1,279	1,294	102	109	108	1,379	1,475	120	123	121	488	—	40	53	—
Poland <sup>7</sup> .....	38	39	38	126	3,319	—	98	99	—	3,988	—	81	101	—	1,580	—	22	51	—
Portugal .....	10	10	11	117	811	—	123	122	—	831	—	67	105	—	374	—	23	47	—
Romania <sup>7</sup> .....	23	22	22	96	1,189	842	91	97	96	2,226	1,822	92	82	97	453	1,000	10	24	59
Russian Federation .....	148	147	143	9	6,138	—	109	103	—	—	—	93	—	—	6,331	—	52	55	—
Spain <sup>7</sup> .....	39	41	47	93	2,540	2,721	109	106	106	3,246	3,185	104	111	125	1,829	—	37	59	—
Ukraine <sup>7</sup> .....	52	49	45	78	2,079	1,540	89	108	99	5,204	3,133	93	99	96	1,812	2,635	47	49	79
United Kingdom <sup>7</sup> .....	58	59	62	258	4,632	—	104	101	—	5,315	—	85	102	—	2,024	—	30	58	—
North America																			
Canada .....	28	31	34	4	2,456	—	103	100	—	2,519	—	101	102	—	1,212	—	95	59	—
Cuba .....	11	11	11	101	1,046	853	98	101	103	790	809	89	83	89	159	801	21	22	95
Guatemala .....	9	11	14	127	1,909	2,660	78	104	116	504	983	23 <sup>13</sup>	38	59	—	—	8 <sup>12</sup>	—	—
Mexico .....	86	100	112	58	14,766	14,906	114	110	114	9,094	11,682	53	73	89	1,963	2,847	15	20	28
United States .....	253	282	309	34	24,973	24,393	102	102	102	22,594	24,193	93	93	96	13,203	20,428	75	69	95
South America																			
Argentina .....	34	37	41	15	4,728	—	106	114	—	3,428	—	71	87	—	1,767 <sup>8</sup>	—	38 <sup>13</sup>	53 <sup>8</sup>	—
Brazil .....	152	174	196	23	20,212	16,893	106	151	—	26,097	23,539	38	104	—	2,781	6,553	11 <sup>26</sup>	16	—
Chile .....	13	15	17	23	1,799	—	100	100	—	1,391	—	73	83	—	452	—	21 <sup>13</sup>	37	—
Colombia .....	34	39	44	43	5,221	5,085	102	119	115	3,569	5,080	50 <sup>13</sup>	72	96	934	1,674	13	24	39

See notes at end of table.

**Table 455. Selected population and enrollment statistics for countries with populations over 10 million in 2010, by continent and country: Selected years, 1990 through 2010—Continued**

Continent and country <sup>1</sup>	Midyear population (in millions)			Persons per square kilo- meter, 2010	First level <sup>2</sup>					Second level <sup>3</sup>					Third level <sup>4</sup>				
	1991	2000	2010		Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>			Enrollment (in thousands)	Gross enrollment ratio <sup>5</sup>					
						1999–2000	2009–10	1990–91		1999–2000	2009–10	1990–91		1999–2000	2009–10	1990–91	1999–2000	2009–10	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ecuador .....	10	12	15	53	1,925	—	116	116	—	917	—	55 <sup>27</sup>	57	—	—	—	20	—	—
Peru .....	22	26	29	23	4,338	3,763	118	123	108	2,374	2,651	67	86	91	—	1,207	30	—	43
Venezuela .....	20	23	27	31	3,328	3,458	96	101	103	1,543	2,255	35	60	83	668	—	29	28	—
Oceania																			
Australia <sup>7</sup> .....	17	19	22	3	1,906	2,015	108	101	105	2,589	2,282	82	162	131	845	1,276	35 <sup>28</sup>	65	80

—Not available.

#Rounds to zero.

<sup>1</sup>Selection based on total population for midyear 2010.<sup>2</sup>First-level enrollment consists of elementary school, typically corresponding to grades 1–6 in the United States.<sup>3</sup>Second-level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.<sup>4</sup>Third-level enrollment includes college and university enrollment and technical and vocational education beyond the secondary school level.<sup>5</sup>Data represent the total enrollment of all ages in the school level divided by the population of the specific age groups that correspond to the school level. Adjustments have been made for the varying lengths of first- and second-level programs. Ratios may exceed 100 because some countries have many students from outside the normal age range.<sup>6</sup>Enrollment totals and ratios exclude Democratic People's Republic of Korea.<sup>7</sup>Classification or data coverage of levels has been revised. Data by level may not be comparable over time.<sup>8</sup>Estimated by the UNESCO Institute for Statistics.<sup>9</sup>Policy change in 1999–2000: introduction of free universal primary education.<sup>10</sup>General education enrollment only. Excludes teacher training and vocational education enrollments.<sup>11</sup>Excludes nonuniversity institutions (such as teacher training colleges and technical colleges) and excludes distance-learning universities.<sup>12</sup>Data for 1992–93.<sup>13</sup>Data for 1991–92.<sup>14</sup>Excludes private institutions.<sup>15</sup>Data refer to universities and exclude Al Azhar.<sup>16</sup>Data for 1993–94.<sup>17</sup>Data for 1985–86.<sup>18</sup>National estimation.<sup>19</sup>Not including the former Independent States of Transkei, Bophuthatswana, Venda, and Ciskei.<sup>20</sup>Estimated.<sup>21</sup>Data refer to government aided and maintained schools only.<sup>22</sup>Includes preprimary education.<sup>23</sup>Excludes some nonuniversity institutions.<sup>24</sup>Includes full-time students only.<sup>25</sup>Data include both former East and West Germany.<sup>26</sup>Excludes enrollments in programs formerly classified as doctoral.<sup>27</sup>Including vocational education.<sup>28</sup>Data do not include Vocational Education and Training Institutes (VETs).

NOTE: Data do not include adult education or special education provided outside regular schools. Some data have been revised from previously published figures.

SOURCE: United Nations Educational, Scientific, and Cultural Organization (UNESCO), *Statistical Yearbook, 1999*; unpublished tabulations; and tables 3B, 5, and 14, retrieved September 10, 2012, from <http://stats.uis.unesco.org/unesco/ReportFolders/ReportFolders.aspx>. U.S. Department of Commerce, Census Bureau, International Data Base, retrieved August 24, 2012, from <http://www.census.gov/ipc/www/idb/region.php>. (This table was prepared September 2012.)

Table 456. School-age populations as a percentage of total population, by age group and country: Selected years, 1985 through 2009

	5- to 14-year-olds as a percent of total population												15- to 19-year-olds as a percent of total population											
Country	1985 <sup>1</sup>	1990 <sup>1</sup>	1995 <sup>1</sup>	1999	2002	2003	2004	2005	2006	2007	2008	2009	1985 <sup>2</sup>	1990 <sup>2</sup>	1995 <sup>2</sup>	1999	2002	2003	2004	2005	2006	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
OECD average <sup>3</sup> .....	—	—	12	13	13	13	13	13	12	12	12	12	—	—	6	7	7	7	7	7	7	7	7	7
Australia .....	14	13	13	14	14	14	14	13	13	13	13	13	7	6	6	7	7	7	7	7	7	7	7	7
Austria .....	—	—	—	—	12	12	11	11	11	11	11	10	—	—	—	—	6	6	6	6	6	6	6	6
Belgium .....	11	11	11	12	12	12	12	12	12	11	11	11	6	5	5	6	6	6	6	6	6	6	6	6
Canada .....	13	12	12	14	—	13	13	13	12	12	12	11	6	5	5	7	—	7	7	7	7	7	7	7
Chile .....	—	—	—	—	19	18	18	18	17	16	15	15	—	—	—	—	9	9	9	9	9	9	9	9
Czech Republic .....	( <sup>4</sup> )	( <sup>4</sup> )	12	12	12	11	11	10	10	10	9	9	( <sup>4</sup> )	( <sup>4</sup> )	6	7	7	7	7	6	6	6	6	6
Denmark .....	12	10	10	12	12	13	13	13	13	13	12	12	6	6	5	5	5	5	5	6	6	6	6	6
Estonia .....	( <sup>4</sup> )	( <sup>4</sup> )	—	—	—	—	—	11	10	10	10	9	( <sup>4</sup> )	( <sup>4</sup> )	—	—	—	—	—	8	8	8	7	7
Finland .....	11	12	11	13	12	12	12	12	12	12	11	11	6	5	5	6	6	6	6	6	6	6	6	6
France .....	13	12	12	13	12	12	12	12	12	12	12	12	6	6	5	7	7	6	6	7	6	6	6	6
Germany <sup>5</sup> .....	9	9	10	11	11	10	10	10	10	10	10	9	6	4	4	6	6	6	6	6	6	6	6	5
Greece .....	—	—	11	11	10	10	10	10	10	10	9	9	—	5	6	7	6	6	6	6	5	5	5	5
Hungary .....	—	—	—	—	12	11	11	11	11	10	10	10	—	—	—	—	6	6	6	6	6	6	6	6
Iceland .....	16	15	14	16	16	16	15	15	15	14	14	14	7	7	6	8	7	7	7	7	7	8	7	7
Ireland .....	18	18	15	15	14	14	14	14	13	13	13	13	8	8	8	9	8	8	8	7	7	7	6	6
Israel .....	—	—	—	—	18	18	18	18	18	18	18	18	—	—	—	—	9	9	8	8	8	8	8	8
Italy .....	13	10	9	10	10	10	10	9	9	9	9	9	6	6	5	5	5	5	5	5	5	5	5	5
Japan .....	14	12	10	10	10	10	9	9	9	9	9	9	6	7	5	6	6	6	5	5	5	5	5	5
Korea, Republic of .....	—	—	14	14	14	14	14	14	14	13	13	12	—	—	7	8	7	7	6	7	7	7	7	7
Luxembourg .....	10	10	11	12	13	13	13	13	13	12	12	12	5	4	4	6	6	6	6	6	6	6	6	6
Mexico .....	—	—	—	—	22	22	22	21	21	21	21	20	—	—	—	—	10	10	10	10	10	10	10	10
Netherlands .....	12	11	11	12	12	12	12	12	12	12	12	12	7	5	5	6	6	6	6	6	6	6	6	6
New Zealand .....	15	13	13	15	15	15	15	15	14	14	14	14	7	7	6	7	7	7	7	7	8	8	7	7
Norway .....	13	11	11	13	13	14	14	13	13	13	13	13	6	6	5	6	6	6	6	6	6	7	7	7
Poland .....	—	—	—	—	13	13	12	12	12	11	11	10	—	—	—	—	9	8	8	8	8	7	7	7
Portugal .....	—	—	—	—	10	11	10	10	10	10	10	10	—	—	—	—	6	6	6	6	6	6	5	5
Slovak Republic .....	( <sup>4</sup> )	( <sup>4</sup> )	—	—	13	13	13	12	12	11	11	10	( <sup>4</sup> )	( <sup>4</sup> )	—	—	8	8	8	8	8	7	7	7
Slovenia .....	( <sup>4</sup> )	( <sup>4</sup> )	—	—	—	—	—	10	10	9	9	9	( <sup>4</sup> )	( <sup>4</sup> )	—	—	—	—	—	6	6	6	6	5
Spain .....	15	13	10	10	10	10	10	9	9	9	9	9	7	7	6	7	6	6	6	5	5	5	5	5
Sweden .....	11	10	11	13	13	13	13	12	12	11	11	11	5	5	5	6	6	6	6	6	7	7	7	7
Switzerland .....	11	10	10	12	12	12	11	11	11	11	11	10	6	5	5	6	6	6	6	6	6	6	6	6
Turkey .....	21	21	20	21	—	19	19	19	19	19	18	18	9	9	9	11	—	9	9	9	9	9	9	9
United Kingdom .....	11	11	12	13	13	13	13	12	12	12	12	11	6	5	5	6	6	6	7	7	7	7	7	6
United States .....	13	13	13	15	15	14	14	14	14	13	13	13	6	5	6	7	7	7	7	7	7	7	7	7
Other reporting countries	—	—	—	—	20	21	20	19	19	18	18	17	—	—	—	—	11	11	10	10	10	9	9	9
Brazil .....	—	—	—	—	20	21	20	19	19	18	18	17	—	—	—	—	11	11	10	10	10	9	9	9
Russian Federation .....	( <sup>4</sup> )	( <sup>4</sup> )	14	14	12	12	11	10	10	10	9	9	( <sup>4</sup> )	( <sup>4</sup> )	—	—	8	9	9	9	8	8	7	7

—Not available.

<sup>1</sup>Data are for the 5- to 13-year-old population.<sup>2</sup>Data are for the 14- to 17-year-old population.<sup>3</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.<sup>4</sup>Country did not exist in its current form in the given year.<sup>5</sup>Data for 1985 are for the former West Germany.SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, selected years, 1987 through 2001; and Online Education Database, retrieved April 23, 2012, from <http://stats.oecd.org/Index.aspx>. (This table was prepared April 2012.)



Table 457. Percentage of population enrolled in secondary and postsecondary education, by age group and country: Selected years, 1985 through 2009

Country	Secondary education, 2009								Postsecondary education (total tertiary education)														
	16 years old	17 years old	18 to 21 years old					22 years old and older	18 to 21 years old					22 to 25 years old					26 to 29 years old				
			Total	18 years old	19 years old	20 years old	21 years old		1985	1990	2005	2008	2009	1985	1990	2005	2008	2009	1985	1990	2005	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
OECD average <sup>1</sup> .....	93	85	26	53	25	13	9	2	—	—	28	29	30	—	—	23	24	24	—	—	10	10	10
Australia.....	92	76	22	35	21	17	14	3	—	—	34	35	36	—	—	21	22	23	—	—	10	10	11
Austria.....	91	76	19	46	19	8	4	#	—	—	16	18	19	—	—	20	23	24	—	—	9	12	13
Belgium.....	100	99	—	47	23	13	—	—	25	—	43	42	44	7	—	19	20	21	2	—	6	6	6
Canada.....	93	78	—	28	11	6	—	—	—	—	—	34	36	—	—	—	23	20	—	—	—	8	8
Chile.....	87	84	12	31	11	4	2	#	—	—	—	31	34	—	—	—	22	24	—	—	—	9	10
Czech Republic.....	100	95	32	83	37	7	3	#	( <sup>2</sup> )	( <sup>2</sup> )	23	25	25	( <sup>2</sup> )	( <sup>2</sup> )	21	25	26	( <sup>2</sup> )	( <sup>2</sup> )	6	7	7
Denmark.....	92	85	47	80	55	31	21	2	7	7	10	12	12	16	18	34	34	33	8	9	20	19	19
Estonia.....	96	91	26	76	19	8	4	#	( <sup>2</sup> )	( <sup>2</sup> )	32	31	31	( <sup>2</sup> )	( <sup>2</sup> )	22	23	24	( <sup>2</sup> )	( <sup>2</sup> )	12	10	10
Finland.....	95	94	40	93	33	17	16	4	9	14	24	23	23	17	21	40	39	37	8	10	20	21	19
France.....	93	87	20	47	22	9	4	#	19	25	36	36	36	10	12	20	19	19	4	4	5	5	5
Germany <sup>3</sup> .....	95	89	41	78	46	25	16	#	9	9	13	14	16	—	16	23	23	24	9	10	13	12	12
Greece.....	93	84	13	19	10	6	16	#	—	—	65	51	—	—	—	18	29	—	—	—	8	11	—
Hungary.....	97	95	28	67	28	12	6	1	—	—	29	31	29	—	—	23	24	24	—	—	9	8	8
Iceland.....	94	85	51	75	69	36	23	3	—	—	12	11	11	—	—	28	26	26	—	—	16	15	16
Ireland.....	102	84	11	37	3	1	2	#	—	21	38	39	43	—	—	13	12	10	—	—	5	6	—
Israel.....	92	88	#	17	2	1	#	#	—	—	12	12	13	—	—	25	25	26	—	—	15	17	18
Italy.....	92	86	26	74	21	6	3	#	—	—	29	28	27	—	—	23	25	25	—	—	8	8	8
Japan.....	96	94	#	3	1	—	—	#	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Korea, Republic of.....	96	93	#	7	1	#	#	#	—	—	65	70	70	—	—	32	34	36	—	—	6	7	8
Luxembourg.....	85	83	38	69	44	24	14	#	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mexico.....	60	46	12	19	26	3	1	2	—	—	16	18	19	—	—	9	10	10	—	—	3	3	3
Netherlands.....	98	88	37	61	42	27	16	1	14	18	29	32	32	12	13	24	26	26	6	5	7	8	8
New Zealand.....	94	78	15	29	14	10	8	3	—	21	34	35	36	—	15	23	21	23	—	—	11	11	12
Norway.....	95	92	39	87	38	18	9	1	9	14	19	19	19	14	17	30	29	28	6	8	14	13	13
Poland.....	97	95	36	91	38	12	6	#	—	—	31	34	34	—	—	30	31	32	—	—	6	6	6
Portugal.....	97	87	25	48	28	16	10	4	6	—	27	29	31	5	—	21	19	18	2	—	8	8	7
Slovak Republic.....	94	90	31	80	36	7	2	#	( <sup>2</sup> )	( <sup>2</sup> )	22	25	26	( <sup>2</sup> )	( <sup>2</sup> )	16	21	23	( <sup>2</sup> )	( <sup>2</sup> )	5	7	7
Slovenia.....	99	94	32	84	25	26	—	1	( <sup>2</sup> )	( <sup>2</sup> )	37	41	42	( <sup>2</sup> )	( <sup>2</sup> )	35	38	39	( <sup>2</sup> )	( <sup>2</sup> )	11	11	11
Spain.....	96	82	20	40	22	13	8	1	15	21	34	34	35	11	14	22	21	22	4	5	9	8	9
Sweden.....	100	98	38	93	27	15	12	2	8	9	17	16	16	11	11	32	28	28	7	6	16	14	15
Switzerland.....	91	87	—	78	49	22	—	—	6	6	12	13	14	11	12	20	22	22	5	6	10	11	11
Turkey.....	60	50	6	26	—	—	—	—	—	7	20	25	29	—	4	11	14	17	—	2	4	5	6
United Kingdom.....	93	76	12	27	10	6	4	1	15	16	28	29	30	7	11	13	12	13	—	—	7	7	7
United States.....	93	85	7	23	5	#	#	#	37	41	45	47	47	15	17	23	24	26	8	9	11	11	12
Other reporting countries																							
Brazil.....	86	83	30	55	31	19	14	3	—	—	10	14	13	—	—	9	12	13	—	—	5	7	7
Russian Federation.....	72	40	#	14	5	2	2	#	( <sup>2</sup> )	( <sup>2</sup> )	41	44	—	( <sup>2</sup> )	( <sup>2</sup> )	26	27	—	( <sup>2</sup> )	( <sup>2</sup> )	—	#	—

—Not available.

#Rounds to zero.

<sup>1</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.

<sup>2</sup>Country did not exist in its current form in the given year.

<sup>3</sup>Data for 1985 are for the former West Germany.

NOTE: Data refer to programs classified by the Organization for Economic Cooperation and Development (OECD) as International Standard Classification of Education (ISCED) level 3, level 5A (first and second award), level 5B, and level 6. ISCED

level 3 corresponds to secondary education in the United States. ISCED levels 5A (first and second award), 5B, and 6 together make up total tertiary education, which corresponds to 2-year and 4-year college undergraduate and graduate programs in the United States. Includes both full-time and part-time students. Some increases in enrollment rates may be due to more complete reporting by countries. Enrollment figures may not be directly comparable due to differing definitions of postsecondary (tertiary) education and the age at which it begins. Differences in reference dates between enrollment and population data can result in enrollment rates that exceed 100 percent. Postsecondary data for Luxembourg are not shown because tertiary students study for only 1 year in Luxembourg.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, selected years, 1987 through 2001; and Online Education Database, retrieved April 17, 2012, from <http://stats.oecd.org/Index.aspx>. (This table was prepared April 2012.)

Table 458. Pupil/teacher ratios in public and private elementary and secondary schools, by level of education and country: Selected years, 2000 through 2010

Country	Elementary							Junior high school (lower secondary)							Senior high school (upper secondary)						
	2000	2005	2006	2007	2008	2009	2010	2000	2005	2006	2007	2008	2009	2010	2000	2005	2006	2007	2008	2009	2010
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
<b>OECD average<sup>1</sup></b>	<b>17.7</b>	<b>17.0</b>	<b>16.4</b>	<b>16.2</b>	<b>16.2</b>	<b>16.0</b>	<b>15.9</b>	—	<b>14.0</b>	<b>13.6</b>	<b>13.4</b>	<b>13.5</b>	<b>13.5</b>	<b>13.5</b>	<b>13.7</b>	<b>13.5</b>	<b>13.1</b>	<b>13.1</b>	<b>13.1</b>	<b>13.4</b>	<b>13.6</b>
Australia.....	17.3	16.2	16.0	15.9	15.8	15.8	15.7	—	—	—	—	—	—	—	—	12.1 <sup>2,3</sup>	12.2 <sup>2,3</sup>	12.1 <sup>2,3</sup>	12.0 <sup>2,3</sup>	12.0 <sup>2,3</sup>	12.0 <sup>2,3</sup>
Austria.....	—	14.1	13.9	13.6	12.9	12.6	12.2	—	10.6	10.4	10.3	9.9	9.6	9.3	—	11.3	11.3	11.0	10.5	10.2	10.1
Belgium.....	15.0 <sup>4</sup>	12.8	12.6	12.6 <sup>5</sup>	12.6 <sup>5</sup>	12.5 <sup>5</sup>	12.4 <sup>5</sup>	—	9.4	9.4	9.2 <sup>5</sup>	8.1 <sup>5</sup>	8.1 <sup>5</sup>	8.1 <sup>5</sup>	9.7 <sup>3,6</sup>	9.9 <sup>6</sup>	10.2 <sup>6</sup>	10.2 <sup>5,6</sup>	10.8 <sup>5,6</sup>	10.2 <sup>5,6</sup>	10.1 <sup>5,6</sup>
Canada.....	18.1	—	—	—	—	—	—	18.1	—	—	—	16.6 <sup>4,7</sup>	17.7 <sup>4,7</sup>	—	19.5	—	—	16.4 <sup>3,4,7,8</sup>	14.7	15.8	—
Chile.....	—	25.9	25.5	24.7	24.1	22.4	24.6	—	25.9	25.5	24.7	24.1	22.4	25.1	—	26.6	26.3	25.7	25.2	24.7	26.1
Czech Republic.....	19.7	17.5	17.3	18.7	18.1	18.4	18.7	14.7	13.5	12.3	12.3	11.8	11.5	11.2	11.5	12.8	11.9	12.3	12.2	12.2	12.1
Denmark.....	10.4	—	—	—	—	—	—	11.4	11.9 <sup>7</sup>	11.4 <sup>7</sup>	11.2 <sup>7</sup>	10.1 <sup>7</sup>	9.9 <sup>7</sup>	11.5 <sup>7</sup>	14.4	—	—	—	—	—	—
Estonia.....	—	—	14.1	14.4	16.4	16.2	16.2	—	—	12.3	11.4	16.0	15.7	14.9	—	—	13.3	12.2 <sup>6</sup>	12.4 <sup>6</sup>	16.8 <sup>6</sup>	16.6 <sup>6</sup>
Finland.....	16.9	15.9	15.0	15.0	14.4	13.6	14.0	10.7	10.0	9.7	9.9	10.6	10.1	9.8	17.0 <sup>6,9</sup>	18.0 <sup>6,9</sup>	15.8 <sup>6,9</sup>	15.9 <sup>6</sup>	15.9 <sup>6</sup>	16.6 <sup>6</sup>	17.1 <sup>6</sup>
France.....	19.8	19.4	19.3 <sup>5</sup>	19.7 <sup>5</sup>	19.9 <sup>5</sup>	19.7 <sup>5</sup>	18.7 <sup>5</sup>	14.7	14.2	14.1 <sup>5</sup>	14.3 <sup>5</sup>	14.6 <sup>5</sup>	14.9 <sup>5</sup>	15.0 <sup>5</sup>	10.4	10.3	9.7 <sup>5</sup>	9.6 <sup>5</sup>	9.4 <sup>5</sup>	9.6 <sup>5</sup>	9.7 <sup>5</sup>
Germany.....	19.8	18.8	18.7	18.3	18.0	17.4	16.7	15.7	15.5	15.5	15.2	15.0	15.1	14.9	13.9	14.0	14.3	14.3	14.0	13.9	13.2
Greece.....	13.4	11.1	10.6	10.1	10.1 <sup>10</sup>	—	—	10.8	7.9	8.0	7.7	7.7 <sup>10</sup>	—	—	10.5	8.8	8.3	7.3	7.3 <sup>10</sup>	—	—
Hungary.....	10.9	10.6	10.4	10.2	10.6	10.7	10.8	10.9	10.4	10.2	10.2	10.9	10.8	10.7	11.4 <sup>6</sup>	12.2	12.3	12.1	12.3	12.8	12.5
Iceland.....	—	—	—	—	—	—	—	12.7 <sup>7</sup>	11.3 <sup>7</sup>	10.6 <sup>7</sup>	10.4 <sup>7</sup>	10.0 <sup>7</sup>	9.9 <sup>7</sup>	10.3 <sup>7</sup>	9.7	10.8 <sup>6</sup>	10.8 <sup>6</sup>	10.2 <sup>6</sup>	10.6 <sup>6</sup>	10.9 <sup>6</sup>	11.3
Ireland.....	21.5	17.9	19.4	17.9	17.8	15.9	15.9	—	—	—	—	—	—	—	15.9 <sup>3,6</sup>	15.5 <sup>3,6</sup>	14.6 <sup>3,6</sup>	13.2 <sup>3,6,8</sup>	12.8 <sup>3,6,8</sup>	12.6 <sup>3,6,8</sup>	14.4 <sup>3,6,8</sup>
Israel.....	—	17.3	17.2	16.4	16.3	17.0	20.6 <sup>8</sup>	—	13.4	14.1	12.4	12.2	13.7	12.8 <sup>8</sup>	—	13.4	13.2	11.8	10.9	10.8	11.0 <sup>8</sup>
Italy.....	11.0	10.6	10.7	10.5	10.6 <sup>8</sup>	10.7 <sup>8</sup>	11.3 <sup>8</sup>	10.4	10.1	10.3	9.4	9.7 <sup>8</sup>	10.0 <sup>8</sup>	11.9 <sup>8</sup>	10.2	11.0	11.0	10.8	11.8 <sup>8</sup>	11.8 <sup>8</sup>	12.1 <sup>8</sup>
Japan.....	20.9	19.4	19.2	19.0	18.8	18.6	18.4	16.8	15.1	14.9	14.8	14.7	14.5	14.4	14.0	13.0 <sup>6</sup>	12.7 <sup>6</sup>	12.5 <sup>6</sup>	12.3 <sup>6</sup>	12.2 <sup>6</sup>	12.2 <sup>6</sup>
Korea, Republic of..	32.1	28.0	26.7	25.6	24.1	22.5	21.1	21.5	20.8	20.8	20.5	20.2	19.9	19.7	20.9	16.0	15.9	16.2	16.5	16.7	16.5
Luxembourg.....	15.9 <sup>8</sup>	—	11.3 <sup>8</sup>	11.2 <sup>8</sup>	12.1 <sup>8</sup>	11.6	10.1	—	—	—	—	—	—	—	9.2 <sup>3,8</sup>	9.0 <sup>3,8</sup>	9.0 <sup>3,6,8</sup>	9.0 <sup>3,8</sup>	9.1 <sup>3,8</sup>	9.1 <sup>3</sup>	9.1 <sup>3</sup>
Mexico.....	27.2	28.3	28.0	28.0	28.0	28.1	28.1	34.8	33.7	33.4	33.3	33.9	33.0	32.7	26.5	25.8	25.4	25.7	25.8	25.6	26.9
Netherlands.....	16.8 <sup>4</sup>	15.9 <sup>4</sup>	15.3 <sup>4</sup>	15.6 <sup>4</sup>	15.8 <sup>4,8</sup>	15.8 <sup>4,8</sup>	15.7 <sup>4,8</sup>	—	—	—	—	—	—	—	17.1 <sup>3</sup>	16.2 <sup>3</sup>	15.8 <sup>3,6</sup>	15.7 <sup>3,6</sup>	15.8 <sup>3,6,8</sup>	16.1 <sup>3,6,8</sup>	16.5 <sup>3,6,8</sup>
New Zealand.....	20.6	18.1	17.7	17.5	17.1	16.3	16.2	19.9	16.8	16.6	16.2	16.2	16.3	16.3	13.1	12.9	12.7	13.3	12.8	12.8	14.4
Norway.....	12.4	—	10.9 <sup>8</sup>	11.0 <sup>8</sup>	10.8 <sup>8</sup>	10.7 <sup>8</sup>	10.5 <sup>8</sup>	9.9	—	10.2 <sup>8</sup>	10.2 <sup>8</sup>	10.1 <sup>8</sup>	9.9 <sup>8</sup>	9.9 <sup>8</sup>	9.7	—	9.7 <sup>6,8</sup>	9.8 <sup>6,8</sup>	9.9 <sup>6,8</sup>	9.4 <sup>6,8</sup>	9.4 <sup>8</sup>
Poland.....	12.7	11.7	11.5	11.0	10.5	10.2	10.0	11.5	12.7	12.6	12.4	12.9	12.9	12.7	16.9	12.9	12.8	12.2	12.2	12.0	12.1
Portugal.....	12.1	10.8	10.6	11.8	11.3	11.3	10.9	10.4	8.2	8.3	7.9	8.1	7.6	7.9	7.9	8.0	7.5 <sup>6</sup>	8.4 <sup>6</sup>	7.3 <sup>6</sup>	7.7 <sup>6</sup>	7.2 <sup>6</sup>
Slovak Republic.....	18.3	18.9	18.6	17.9	18.6	17.7	17.1	13.5	14.1	13.7	13.9	14.5	14.0	13.6	12.8	14.3	14.2	14.1	15.1	15.1	14.6
Slovenia.....	—	15.0	14.9	15.2	15.8	16.7	16.2	—	11.1	10.2	9.5	8.9	7.9	8.0	—	14.6	14.0 <sup>6</sup>	13.9 <sup>6</sup>	13.7 <sup>6</sup>	14.3 <sup>6</sup>	14.3 <sup>6</sup>
Spain.....	14.9	14.3	14.2	13.6	13.1	13.3	13.2	—	12.5	12.5	11.7	10.3	10.1	10.1	11.9 <sup>3</sup>	8.1	7.8	7.7	8.7	9.3	9.6
Sweden.....	12.8	12.2	12.1	12.3	12.2	12.1	11.7	12.8	12.0	11.4	11.5	11.4	11.3	11.4	15.2	14.0	13.8	13.6	14.7	13.2	13.1
Switzerland <sup>9</sup> .....	—	14.6	15.1	14.8	15.4	15.4	14.9	—	11.7	12.3	12.3	12.1	12.0	11.8	—	10.5 <sup>2</sup>	10.5 <sup>2</sup>	10.6 <sup>2</sup>	10.4 <sup>2</sup>	10.4 <sup>2</sup>	10.3 <sup>2</sup>
Turkey.....	30.5	25.8	26.7	26.2	24.4	22.9	21.7	—	↑	↑	↑	↑	↑	↑	14.0	16.2	15.8	16.2	17.0	16.9	17.6
United Kingdom.....	21.2	20.7	19.8	19.4	20.2	19.9	19.8	17.6 <sup>2</sup>	17.0	16.7	16.7	15.0	16.1	17.1	12.5 <sup>2</sup>	11.8 <sup>2,6</sup>	11.6 <sup>2,6</sup>	11.3 <sup>2,6</sup>	12.4 <sup>6</sup>	12.3 <sup>6</sup>	15.2 <sup>6</sup>
United States.....	15.8	14.9	14.6	14.6	15.0	14.8	14.5	16.3	15.1	14.7	14.7	14.8	14.3	14.0	14.1	16.0	15.7	15.6	15.6	15.1	15.0
<b>Other reporting countries</b>																					
Brazil.....	—	22.9	22.5	25.8	24.5	24.0	23.4	—	18.1	17.6	22.3	21.2	21.0	20.4	—	17.6	17.0	20.2	18.4	18.1	17.3
Russian Federation.....	—	—	—	17.0 <sup>8</sup>	17.3 <sup>8</sup>	17.9 <sup>8</sup>	19.2 <sup>8</sup>	—	—	—	—	—	—	—	—	11.2 <sup>6,11</sup>	9.9 <sup>3,6,11</sup>	8.8 <sup>3,6,12</sup>	8.7 <sup>3,6,12</sup>	8.7 <sup>3,6,12</sup>	11.3 <sup>3,6,12</sup>

—Not available.

†Not applicable. This level of education does not exist within the national education structure; students in the age group normally associated with this education level are reported in other levels.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.<sup>2</sup>Includes only general programs.<sup>3</sup>Includes junior high school data.<sup>4</sup>Includes preprimary data.<sup>5</sup>Excludes independent private institutions.<sup>6</sup>Includes postsecondary non-higher-education.<sup>7</sup>Includes elementary school data.<sup>8</sup>Public schools only.<sup>9</sup>Includes occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States.<sup>10</sup>Data included for Greece for 2008 are from 2007.<sup>11</sup>Excludes general programs.<sup>12</sup>Excludes part-time personnel in public institutions.

NOTE: The pupil/teacher ratio is the number of full-time-equivalent students divided by the number of full-time-equivalent teachers, including teachers for students with disabilities and other special teachers. In this table, elementary school corresponds to International Standard Classification of Education (ISCED) level 1 (U.S. grades 1 through 6), junior high school corresponds to ISCED level 2 (U.S. grades 7 through 9), and senior high school corresponds to ISCED level 3 (U.S. grades 10 through 12).

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database; and *Education at a Glance*, 2002 through 2012. (This table was prepared June 2012.)

**Table 459. Teachers' statutory teaching and total working time and average class size in public elementary and secondary schools, by level of education and country: 2010**

Country	Statutory teaching and total working time												Average class size	
	Number of weeks of instruction			Number of days of instruction			Net teaching time in hours			Total working time in hours				
	Elementary	Junior high school (lower secondary)	Senior high school (upper secondary) <sup>1</sup>	Elementary	Junior high school (lower secondary)	Senior high school (upper secondary) <sup>1</sup>	Elementary	Junior high school (lower secondary)	Senior high school (upper secondary) <sup>1</sup>	Elementary	Junior high school (lower secondary)	Senior high school (upper secondary) <sup>1</sup>	Elementary	Junior high school (lower secondary)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
OECD average <sup>2</sup> .....	38	38	38	187	185	183	782	704	658	1,678	1,673	1,676	21	23
Australia <sup>3</sup> .....	40	40	40	196	196	193	868	819	803	†	†	†	23	23
Austria <sup>3</sup> .....	38	38	38	180	180	180	779	607	589	1,776	1,776	†	18	22
Belgium (Flemish) <sup>3</sup> .....	37	37	37	179	180	180	761	675	630	†	†	†	—	—
Belgium (French) <sup>3</sup> .....	38	38	38	183	183	183	732	671	610	†	†	†	21	—
Canada <sup>3</sup> .....	37	37	37	183	183	183	799	740	744	†	†	†	—	—
Chile <sup>3</sup> .....	38	38	38	179	179	179	1,087	1,087	1,087	2,068	2,068	2,068	27	28
Czech Republic <sup>3</sup> .....	41	41	41	196	196	196	862	647	617	1,696	1,696	1,696	20	21
Denmark <sup>4</sup> .....	42	42	42	200	200	200	650	650	377	1,680	1,680	1,680	20	21
England <sup>4</sup> .....	38	38	38	190	190	190	684	703	703	1,265	1,265	1,265	—	—
Estonia <sup>5</sup> .....	39	39	39	175	175	175	630	630	578	1,540	1,540	1,540	18	19
Finland <sup>6</sup> .....	38	38	38	189	189	189	680	595	553	†	†	†	19	20
France <sup>4</sup> .....	35	35	35	—	—	—	918	646	632	†	†	†	23	24
Germany <sup>3</sup> .....	40	40	40	193	193	193	805	756	713	1,793	1,793	1,793	21	25
Greece <sup>3</sup> .....	36	31	31	177	153	153	589	415	415	†	†	†	17	22
Hungary <sup>6</sup> .....	37	37	37	183	183	183	604	604	604	1,864	1,864	1,864	21	22
Iceland <sup>3</sup> .....	37	37	35	180	180	170	624	624	544	1,800	1,800	1,800	18	20
Ireland <sup>3</sup> .....	37	33	33	183	167	167	915	735	735	†	†	†	24	—
Israel <sup>3</sup> .....	38	37	37	183	175	175	820	598	521	†	†	†	29	31
Italy <sup>6</sup> .....	39	39	39	175	175	175	770	630	630	†	†	†	19	21
Japan <sup>4</sup> .....	40	40	40	201	201	198	707	602	500	1,876	1,876	1,876	28	33
Korea, Republic of <sup>5</sup> .....	40	40	40	220	220	220	807	627	616	1,680	1,680	1,680	27	35
Luxembourg <sup>3</sup> .....	36	36	36	176	176	176	739	634	634	†	†	†	15	19
Mexico <sup>3</sup> .....	42	42	36	200	200	172	800	1,047	843	†	†	†	20	28
Netherlands <sup>5,7</sup> .....	40	—	—	195	—	—	930	750	750	1,659	1,659	1,659	22	—
New Zealand <sup>3</sup> .....	39	38	38	194	192	190	930	845	760	†	†	†	—	—
Norway <sup>3</sup> .....	38	38	38	190	190	190	741	654	523	1,688	1,688	1,688	†	†
Poland <sup>3</sup> .....	38	38	37	186	184	183	502	497	494	1,520	1,504	1,496	19	23
Portugal <sup>5</sup> .....	37	37	37	173	173	173	865	761	761	1,456	1,456	1,456	20	22
Scotland <sup>5</sup> .....	38	38	38	190	190	190	855	855	855	1,365	1,365	1,365	—	—
Slovak Republic <sup>3</sup> .....	38	38	38	189	189	189	841	652	624	1,583	1,583	1,583	18	21
Slovenia <sup>3</sup> .....	40	40	40	190	190	190	690	690	633	—	—	—	18	20
Spain <sup>3</sup> .....	37	37	36	176	176	171	880	713	693	1,425	1,425	1,425	20	24
Sweden.....	†	†	†	†	†	†	†	†	†	1,767	1,767	1,767	—	—
Switzerland.....	—	—	—	—	—	—	—	—	—	—	—	—	19	19
Turkey <sup>3</sup> .....	37	†	37	175	†	175	621	†	551	1,816	†	1,816	26	†
United Kingdom.....	—	—	—	—	—	—	—	—	—	—	—	—	26	21
United States <sup>4</sup> .....	36	36	36	180	180	180	1,097	1,068	1,051	1,913	1,977	1,998	20	24
Other reporting countries														
Brazil.....	40	40	40	200	200	200	800	800	800	800	800	800	26	30
China.....	35	35	35	175	175	175	—	—	—	—	—	—	37	54
Indonesia <sup>4</sup> .....	44	44	44	244	200	200	697	544	638	1,069	1,069	1,069	27	36
Russian Federation <sup>4</sup> .....	34	35	35	164	169	169	615	507	507	†	†	†	17	18

—Not available.

†Not applicable according to the Organization for Economic Cooperation and Development (OECD).

<sup>1</sup>General programs only.

<sup>2</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country or country component reporting data contributes equally.

<sup>3</sup>Typical teaching time reported.

<sup>4</sup>Actual teaching time reported.

<sup>5</sup>Maximum teaching time reported.

<sup>6</sup>Minimum teaching time reported.

<sup>7</sup>Average class size data are for 2006.

NOTE: In this table, elementary school corresponds to International Standard Classification of Education (ISCED) level 1 (U.S. grades 1 through 6), junior high school corresponds to ISCED level 2 (U.S. grades 7 through 9), and senior high school corresponds to ISCED level 3 (U.S. grades 10 through 12).

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2012. (This table was prepared June 2012.)

**Table 460. Average fourth-grade scores and annual instructional time in mathematics and science, by country or other education system: 2011**  
(Standard errors appear in parentheses)

Country or other education system <sup>1</sup>	Total instructional hours per year	Mathematics				Science			
		Average score <sup>2</sup>	Instructional time in mathematics		As a percent of total instructional hours	Average score <sup>2</sup>	Instructional time in science		As a percent of total instructional hours
			Hours per year				Hours per year		
1	2	3	4	5	6	7	8		
<b>TIMSS average<sup>3</sup></b>	<b>897 (2.0)</b>	<b>500 (†)</b>	<b>162 (0.5)</b>	<b>18 (0.1)</b>	<b>500 (†)</b>	<b>85 (0.5)</b>	<b>10 (0.1)</b>		
Armenia	851 <sup>4</sup> (17.1)	452 (3.5)	139 <sup>4</sup> (1.7)	16 (0.2)	416 (3.8)	54 <sup>5</sup> (0.6)	6 (0.1)		
Australia	1,008 (6.9)	516 (2.9)	230 <sup>5</sup> (5.8)	23 (0.6)	516 (2.8)	65 <sup>5</sup> (2.3)	6 (0.2)		
Austria	808 (6.9)	508 (2.6)	146 (2.1)	18 (0.3)	532 (2.8)	96 (2.3)	12 (0.3)		
Azerbaijan <sup>6,7</sup>	804 (27.7)	463 (5.6)	130 (3.3)	18 (0.7)	438 (5.6)	61 (1.4)	8 (0.3)		
Bahrain	964 (10.8)	436 (3.3)	131 <sup>4</sup> (4.4)	14 (0.4)	449 (3.5)	85 <sup>4</sup> (2.7)	9 (0.3)		
Belgium (Flemish)-BEL	1,010 <sup>4</sup> (16.8)	549 (1.9)	224 <sup>4</sup> (4.1)	21 (0.3)	509 (2.0)	— (†)	— (†)		
Chile	1,228 <sup>4</sup> (22.6)	462 (2.3)	231 <sup>5</sup> (6.7)	19 (0.6)	480 (2.4)	161 <sup>5</sup> (6.4)	13 (0.5)		
Chinese Taipei-CHN	989 <sup>4</sup> (13.4)	591 (2.0)	133 (3.9)	12 (0.4)	552 (2.2)	90 (2.3)	9 (0.3)		
Croatia <sup>6</sup>	776 (19.4)	490 (1.9)	134 (2.3)	18 (0.4)	516 (2.1)	95 (2.4)	13 (0.4)		
Czech Republic	782 (8.2)	511 (2.4)	163 (3.0)	21 (0.4)	536 (2.5)	60 (2.2)	8 (0.3)		
Denmark <sup>6</sup>	863 <sup>4</sup> (9.4)	537 (2.6)	124 <sup>5</sup> (2.0)	15 (0.3)	528 (2.8)	62 <sup>5</sup> (1.9)	7 (0.2)		
England-GBR	970 <sup>4</sup> (8.3)	542 (3.5)	188 <sup>5</sup> (3.3)	19 (0.4)	529 (2.9)	76 <sup>5</sup> (3.2)	8 (0.3)		
Finland	779 (9.8)	545 (2.3)	139 (2.5)	18 (0.4)	570 (2.6)	98 (1.9)	13 (0.4)		
Georgia <sup>7,8</sup>	748 <sup>4</sup> (18.7)	450 (3.7)	148 <sup>4</sup> (3.9)	21 (0.6)	455 (3.8)	110 <sup>4</sup> (2.7)	16 (0.4)		
Germany	863 <sup>4</sup> (11.2)	528 (2.2)	163 <sup>4</sup> (3.1)	19 (0.3)	528 (2.9)	75 <sup>5</sup> (3.5)	8 (0.4)		
Hong Kong-CHN <sup>6</sup>	1,059 <sup>4</sup> (11.2)	602 (3.4)	158 <sup>4</sup> (3.0)	15 (0.3)	535 (3.8)	88 <sup>4</sup> (4.2)	8 (0.4)		
Hungary	760 (12.2)	515 (3.4)	148 (3.3)	20 (0.5)	534 (3.7)	72 (2.2)	10 (0.3)		
Iran, Islamic Republic of	727 (11.2)	431 (3.5)	146 (3.9)	20 (0.4)	453 (3.7)	106 (3.2)	14 (0.4)		
Ireland	854 (#)	527 (2.6)	150 (2.8)	18 (0.3)	516 (3.4)	63 (6.6)	7 (0.8)		
Italy	1,085 (12.6)	508 (2.6)	214 (3.9)	20 (0.4)	524 (2.7)	78 <sup>4</sup> (1.8)	7 (0.2)		
Japan	891 (3.7)	585 (1.7)	150 (1.6)	17 (0.1)	559 (1.9)	91 (0.8)	10 (0.1)		
Kazakhstan <sup>6</sup>	779 (10.6)	501 (4.5)	140 (2.7)	18 (0.4)	495 (5.1)	57 (1.3)	8 (0.2)		
Korea, Republic of	789 (11.4)	605 (1.9)	121 (3.0)	15 (0.4)	587 (2.0)	92 (2.5)	11 (0.4)		
Kuwait <sup>6</sup>	928 <sup>4</sup> (23.1)	342 <sup>9</sup> (3.4)	120 <sup>4</sup> (4.9)	13 (0.4)	347 <sup>10</sup> (4.7)	85 <sup>5</sup> (5.8)	10 (0.6)		
Lithuania <sup>6,8</sup>	649 (9.0)	534 (2.4)	133 (2.6)	21 (0.5)	515 (2.4)	60 (1.5)	9 (0.3)		
Malta	891 <sup>4</sup> (0.2)	496 (1.3)	183 <sup>4</sup> (0.1)	21 (#)	446 (1.9)	39 <sup>4</sup> (0.1)	4 (#)		
Morocco	1,040 <sup>4</sup> (23.6)	335 <sup>9</sup> (4.0)	174 <sup>5</sup> (3.5)	17 (0.4)	264 <sup>9</sup> (4.5)	44 <sup>5</sup> (5.5)	5 (0.6)		
Netherlands <sup>11</sup>	1,074 <sup>5</sup> (9.9)	540 (1.7)	195 <sup>5</sup> (7.0)	18 (0.5)	531 (2.2)	42 <sup>5</sup> (2.4)	4 (0.2)		
New Zealand	925 (3.9)	486 (2.6)	168 (2.4)	18 (0.3)	497 (2.3)	52 <sup>5</sup> (3.0)	6 (0.3)		
Northern Ireland-GBR <sup>11</sup>	970 <sup>4</sup> (11.0)	562 (2.9)	232 <sup>5</sup> (6.1)	24 (0.6)	517 (2.6)	72 <sup>5</sup> (3.9)	8 (0.4)		
Norway <sup>12</sup>	817 (10.7)	495 (2.8)	157 (4.1)	19 (0.6)	494 (2.3)	55 (2.2)	7 (0.3)		
Oman	999 <sup>5</sup> (17.4)	385 <sup>10</sup> (2.9)	170 <sup>5</sup> (3.1)	17 (0.3)	377 (4.3)	120 <sup>5</sup> (2.4)	12 (0.2)		
Poland	764 <sup>4</sup> (13.5)	481 (2.2)	157 <sup>4</sup> (3.0)	21 (0.5)	505 (2.6)	64 <sup>4</sup> (3.1)	8 (0.4)		
Portugal	940 <sup>4</sup> (13.1)	532 (3.4)	250 <sup>4</sup> (4.3)	27 (0.4)	522 (3.9)	162 <sup>4</sup> (4.1)	17 (0.8)		
Qatar <sup>6</sup>	1,068 (9.1)	413 (3.5)	185 (6.3)	17 (0.6)	394 (4.3)	135 (6.8)	13 (0.6)		
Romania	796 (17.9)	482 (5.8)	148 (3.9)	19 (0.5)	505 (5.9)	56 (6.2)	7 (0.8)		
Russian Federation	660 <sup>4</sup> (8.0)	542 (3.7)	104 (1.0)	16 (0.2)	552 (3.5)	49 (0.7)	8 (0.2)		
Saudi Arabia	977 <sup>4</sup> (19.4)	410 (5.3)	147 <sup>4</sup> (6.6)	15 (0.5)	429 (5.4)	82 <sup>4</sup> (4.2)	8 (0.5)		
Serbia <sup>6</sup>	778 (18.5)	516 (3.0)	153 (2.1)	20 (0.5)	516 (3.1)	72 (5.0)	10 (0.9)		
Singapore <sup>6</sup>	1,012 (#)	606 (3.2)	208 (3.2)	21 (0.3)	583 (3.4)	96 (2.1)	9 (0.2)		
Slovak Republic	780 (8.8)	507 (3.8)	147 (1.4)	19 (0.1)	532 (3.8)	101 (4.3)	13 (0.6)		
Slovenia	684 (#)	513 (2.2)	169 (2.6)	25 (0.4)	520 (2.7)	101 (1.2)	15 (0.2)		
Spain	884 <sup>4</sup> (9.7)	482 (2.9)	167 <sup>4</sup> (2.3)	19 (0.2)	505 (3.0)	145 <sup>4</sup> (2.6)	16 (0.3)		
Sweden	849 <sup>4</sup> (11.3)	504 (2.0)	138 <sup>5</sup> (3.8)	17 (0.5)	533 (2.7)	75 <sup>5</sup> (3.0)	9 (0.4)		
Thailand	1,201 <sup>4</sup> (20.9)	458 (4.8)	167 (5.2)	14 (0.6)	472 (5.6)	109 (4.9)	9 (0.5)		
Tunisia	963 <sup>4</sup> (22.9)	359 <sup>10</sup> (3.9)	175 <sup>4</sup> (2.9)	19 (0.3)	346 <sup>10</sup> (5.3)	93 <sup>4</sup> (5.4)	10 (0.6)		
Turkey	900 (19.3)	469 (4.7)	126 (2.5)	15 (0.4)	463 (4.5)	94 (1.8)	11 (0.3)		
United Arab Emirates	1,025 <sup>4</sup> (8.5)	434 (2.0)	154 <sup>5</sup> (2.4)	15 (0.2)	428 (2.5)	108 <sup>5</sup> (3.0)	11 (0.3)		
United States <sup>9</sup>	1,078 (7.3)	541 (1.8)	206 <sup>4</sup> (4.6)	19 (0.5)	544 (2.1)	105 <sup>4</sup> (3.1)	10 (0.3)		
Yemen	831 <sup>4</sup> (14.1)	248 <sup>9</sup> (6.0)	135 <sup>4</sup> (6.4)	16 (0.7)	209 <sup>9</sup> (7.3)	91 <sup>4</sup> (5.6)	11 (0.6)		
<b>Benchmarking education systems</b>									
Abu Dhabi-UAE	1,033 <sup>4</sup> (18.1)	417 (4.6)	150 <sup>5</sup> (4.3)	15 (0.4)	411 (4.9)	110 <sup>5</sup> (6.8)	11 (0.6)		
Alberta-CAN <sup>6</sup>	1,006 (8.8)	507 (2.5)	169 <sup>5</sup> (3.2)	17 (0.4)	541 (2.4)	130 <sup>5</sup> (4.1)	13 (0.6)		
Dubai-UAE	993 <sup>4</sup> (0.7)	468 (1.6)	158 <sup>5</sup> (2.3)	16 (0.2)	461 (2.3)	99 <sup>5</sup> (1.6)	10 (0.2)		
Florida-USA <sup>8,13,14</sup>	1,073 <sup>4</sup> (19.7)	545 (2.9)	217 <sup>5</sup> (8.8)	20 (0.9)	545 (3.7)	113 <sup>5</sup> (9.6)	10 (0.8)		
North Carolina-USA <sup>6,8,14</sup>	1,113 <sup>4</sup> (22.9)	554 (4.2)	221 <sup>4</sup> (13.5)	20 (1.2)	538 (4.6)	94 <sup>4</sup> (6.0)	9 (0.4)		
Ontario-CAN	969 (7.4)	518 (3.1)	201 <sup>4</sup> (4.1)	21 (0.5)	528 (3.0)	92 <sup>4</sup> (3.2)	10 (0.3)		
Quebec-CAN	916 (5.1)	533 (2.4)	229 (5.0)	25 (0.6)	516 (2.7)	50 (1.7)	5 (0.2)		

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities such as U.S. states, Canadian provinces, and England (which is part of the United Kingdom). The name of each subnational entity appears in italics and includes as a suffix the three-letter International Organization for Standardization (ISO) abbreviation for its complete country. Examples include *Florida-USA*, *Ontario-CAN*, and *England-GBR*.

<sup>2</sup>Trends in International Mathematics and Science Study (TIMSS) scores are reported on a scale from 0 to 1,000, with the scale average set at 500 and the standard deviation set at 100.

<sup>3</sup>The TIMSS average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IAE), which develops and implements TIMSS at the international level. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>4</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>5</sup>Data are available for at least 50 percent but less than 70 percent of students.

<sup>6</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>7</sup>Exclusion rates for Azerbaijan and Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available.

<sup>8</sup>National Target Population does not include all of the International Target Population defined by TIMSS.

<sup>9</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 25 percent.

<sup>10</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.

<sup>11</sup>Met guidelines for sample participation rates only after replacement schools were included.

<sup>12</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.

<sup>13</sup>National Defined Population covers less than 90 percent of National Target Population (but at least 77 percent).

<sup>14</sup>All U.S. state data are based on public school students only.

NOTE: Countries were required to sample students in the grade that corresponded to the end of 4 years of formal schooling, providing that the mean age at the time of testing was at least 9.5 years. Instructional times shown in this table are actual or implemented times (as opposed to intended times prescribed by the curriculum). Principals reported total instructional hours per day and school days per year. Total instructional hours per year were calculated by multiplying the number of school days per year by the number of instructional hours per day. Teachers reported instructional hours per week in mathematics and science. Instructional hours per year in mathematics and science were calculated by dividing weekly instructional hours by the number of school days per week and then multiplying by the number of school days per year.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2011; *TIMSS 2011 International Results in Mathematics*, by Ina V.S. Mullis et al.; and *TIMSS 2011 International Results in Science*, by Michael O. Martin et al. (This table was prepared December 2012.)

**Table 461. Average eighth-grade scores and annual instructional time in mathematics and science, by country or other education system: 2011**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Total instructional hours per year	Mathematics				Science			
		Average score <sup>2</sup>	Instructional time in mathematics		As a percent of total instructional hours	Average score <sup>2</sup>	Instructional time in science <sup>3</sup>		As a percent of total instructional hours
			Hours per year				Hours per year		
1	2	3	4	5	6	7	8		
<b>TIMSS average<sup>4</sup></b>	<b>1,031 (2.3)</b>	<b>500 (†)</b>	<b>138 (0.5)</b>	<b>14 (0.1)</b>	<b>500 (†)</b>	<b>158 (0.8)</b>	<b>11 (0.1)</b>		
Armenia.....	979 <sup>5</sup> (12.8)	467 (2.7)	143 <sup>5</sup> (3.0)	15 (0.2)	437 (3.1)	240 <sup>6</sup> (4.9)	† (†)		
Australia.....	1,039 (7.2)	505 (5.1)	143 <sup>6</sup> (3.5)	14 (0.3)	519 (4.8)	131 <sup>6</sup> (4.5)	12 (0.4)		
Bahrain.....	1,019 (1.1)	409 <sup>7</sup> (2.0)	142 <sup>5</sup> (2.5)	14 (0.3)	452 (2.0)	130 <sup>5</sup> (2.8)	13 (0.3)		
Chile.....	1,245 <sup>5</sup> (23.5)	416 (2.6)	193 <sup>5</sup> (4.5)	15 (0.3)	461 (2.5)	134 <sup>5</sup> (3.8)	11 (0.3)		
Chinese Taipei-CHN.....	1,153 (11.7)	609 (3.2)	166 (2.4)	15 (0.2)	564 (2.3)	157 (2.7)	14 (0.3)		
England-GBR <sup>8</sup> .....	992 <sup>5</sup> (8.4)	507 (5.5)	116 <sup>5</sup> (2.1)	11 (0.3)	533 (4.9)	102 <sup>6</sup> (3.1)	10 (0.4)		
Finland.....	934 (11.7)	514 (2.5)	105 (1.8)	11 (0.2)	552 (2.5)	190 <sup>5</sup> (6.0)	† (†)		
Georgia <sup>9,10</sup> .....	833 <sup>5</sup> (10.8)	431 (3.8)	123 <sup>5</sup> (3.3)	15 (0.5)	420 (3.0)	198 <sup>5</sup> (6.8)	† (†)		
Ghana.....	1,153 <sup>5</sup> (18.9)	331 <sup>11</sup> (4.3)	165 <sup>5</sup> (6.8)	14 (0.6)	306 <sup>7</sup> (5.2)	148 <sup>5</sup> (6.1)	13 (0.4)		
Hong Kong-CHN.....	1,026 <sup>5</sup> (11.3)	586 (3.8)	138 <sup>5</sup> (2.9)	13 (0.3)	535 (3.4)	103 <sup>5</sup> (4.6)	10 (0.4)		
Hungary.....	836 (12.2)	505 (3.5)	119 (1.9)	15 (0.3)	522 (3.1)	236 (4.8)	28 ! (13.1)		
Indonesia.....	1,494 <sup>5</sup> (40.9)	386 <sup>7</sup> (4.3)	173 <sup>5</sup> (7.9)	12 (0.6)	406 (4.5)	190 <sup>5</sup> (12.2)	10 (0.5)		
Iran, Islamic Republic of.....	994 (15.9)	415 <sup>7</sup> (4.3)	124 (3.3)	13 (0.3)	474 (4.0)	120 (3.6)	12 (0.4)		
Israel <sup>12</sup> .....	1,108 <sup>5</sup> (14.1)	516 (4.1)	165 <sup>5</sup> (3.0)	15 (0.2)	516 (4.0)	132 (3.9)	12 (0.4)		
Italy.....	1,085 (9.4)	498 (2.4)	155 (2.5)	14 (0.2)	501 (2.5)	73 (1.0)	7 (0.1)		
Japan.....	1,016 (6.7)	570 (2.6)	108 (1.4)	11 (0.1)	558 (2.4)	128 (1.7)	12 (0.3)		
Jordan.....	1,041 (11.9)	406 <sup>7</sup> (3.7)	130 (3.8)	13 (0.4)	449 (4.0)	134 (3.1)	13 (0.4)		
Kazakhstan.....	920 (9.9)	487 (4.0)	117 (3.2)	13 (0.4)	490 (4.3)	244 (4.8)	27 ! (11.0)		
Korea, Republic of.....	1,006 (12.1)	613 (2.9)	137 (1.8)	13 (0.2)	560 (2.0)	126 (2.5)	11 (0.2)		
Lebanon.....	1,028 <sup>5</sup> (12.7)	449 (3.7)	178 <sup>5</sup> (3.9)	17 (0.4)	406 (4.9)	† (†)	† (†)		
Lithuania <sup>9</sup> .....	898 (13.9)	502 (2.5)	132 (2.7)	15 (0.4)	514 (2.6)	251 <sup>5</sup> (5.2)	† (†)		
Macedonia, Republic of.....	1,023 <sup>5</sup> (21.4)	426 <sup>7</sup> (5.2)	122 <sup>6</sup> (4.6)	13 (0.6)	407 (5.4)	334 <sup>6</sup> (14.7)	† (†)		
Malaysia.....	1,198 <sup>5</sup> (13.7)	440 (5.4)	123 <sup>5</sup> (3.4)	10 (0.3)	426 (6.3)	126 (3.6)	10 (0.3)		
Morocco.....	1,303 <sup>5</sup> (24.9)	371 <sup>11</sup> (2.0)	148 <sup>5</sup> (2.1)	12 (0.2)	376 (2.2)	144 <sup>5</sup> (2.0)	† (†)		
New Zealand.....	959 (4.4)	488 (5.5)	141 (1.8)	15 (0.2)	512 (4.6)	130 <sup>5</sup> (2.6)	14 (0.3)		
Norway.....	880 (6.3)	475 (2.4)	125 (3.4)	14 (0.4)	494 (2.6)	101 (3.3)	11 (0.4)		
Oman.....	1,044 <sup>5</sup> (17.7)	366 <sup>7</sup> (2.8)	161 <sup>5</sup> (5.1)	16 (0.4)	420 (3.2)	161 <sup>6</sup> (3.8)	16 (0.3)		
Palestinian National Authority.....	918 (7.3)	404 <sup>7</sup> (3.5)	134 (4.0)	15 (0.4)	420 (3.2)	107 (3.4)	12 (0.4)		
Qatar.....	1,054 (1.3)	410 <sup>7</sup> (3.1)	162 (3.6)	15 (0.4)	419 (3.4)	131 (6.9)	12 (0.5)		
Romania.....	984 (15.5)	458 (4.0)	145 (3.7)	15 (0.3)	465 (3.5)	281 (10.1)	† (†)		
Russian Federation <sup>13</sup> .....	882 (8.7)	539 (3.6)	142 (2.0)	16 (0.3)	542 (3.2)	208 (1.6)	24 ! (8.8)		
Saudi Arabia.....	1,050 <sup>5</sup> (20.9)	394 <sup>7</sup> (4.6)	134 <sup>5</sup> (5.4)	13 (0.4)	436 (3.9)	124 <sup>5</sup> (6.8)	12 (0.5)		
Singapore <sup>13</sup> .....	1,106 (#)	611 (3.8)	138 (1.7)	13 (0.2)	590 (4.3)	115 (2.1)	11 (0.2)		
Slovenia.....	798 (#)	505 (2.2)	121 (1.5)	15 (0.2)	543 (2.7)	251 (4.6)	31 (4.6)		
Sweden.....	969 <sup>5</sup> (13.4)	484 (1.9)	97 <sup>6</sup> (2.2)	10 (0.3)	509 (2.5)	94 <sup>6</sup> (3.1)	9 (0.4)		
Syrian Arab Republic.....	811 (14.2)	380 <sup>7</sup> (4.5)	118 <sup>5</sup> (4.7)	15 (0.5)	426 (3.9)	150 <sup>5</sup> (7.5)	† (†)		
Thailand.....	1,270 <sup>5</sup> (15.1)	427 (4.3)	129 (4.3)	10 (0.3)	451 (3.9)	119 (2.9)	9 (0.3)		
Tunisia.....	1,299 <sup>5</sup> (25.4)	425 (2.8)	131 <sup>5</sup> (3.0)	10 (0.2)	439 (2.5)	64 <sup>5</sup> (1.9)	5 (0.1)		
Turkey.....	889 (16.7)	452 (3.9)	117 (1.8)	14 (0.3)	483 (3.4)	99 (1.1)	12 (0.2)		
Ukraine.....	901 (10.7)	479 (3.9)	132 (3.5)	15 (0.4)	501 (3.4)	239 (4.0)	27 ! (11.4)		
United Arab Emirates.....	1,046 <sup>5</sup> (8.0)	456 (2.1)	157 <sup>5</sup> (2.9)	15 (0.3)	465 (2.4)	115 <sup>6</sup> (2.7)	11 (0.3)		
United States <sup>13</sup> .....	1,114 (6.6)	509 (2.6)	157 <sup>6</sup> (3.2)	14 (0.3)	525 (2.6)	139 <sup>14</sup> (2.4)	13 <sup>14</sup> (0.2)		
<b>Benchmarking education systems</b>									
Abu Dhabi-UAE.....	1,045 <sup>5</sup> (16.6)	449 (3.7)	158 <sup>5</sup> (5.8)	15 (0.5)	461 (4.0)	111 <sup>6</sup> (4.8)	11 (0.5)		
Alabama-USA <sup>9,15</sup> .....	1,135 <sup>5</sup> (16.0)	466 (5.9)	166 <sup>6</sup> (8.9)	15 (0.9)	485 (6.2)	167 <sup>6</sup> (6.0)	15 (0.5)		
Alberta-CAN <sup>13</sup> .....	1,031 (10.0)	505 (2.6)	156 (4.2)	19 (0.4)	546 (2.4)	145 <sup>5</sup> (4.0)	10 (0.4)		
California-USA <sup>9,13,15</sup> .....	1,040 <sup>5</sup> (15.2)	493 (4.9)	172 <sup>6</sup> (8.0)	17 (0.7)	499 (4.6)	† (†)	14 (0.7)		
Colorado-USA <sup>9,15</sup> .....	1,148 (17.0)	518 (4.9)	173 <sup>5</sup> (8.6)	15 (0.8)	542 (4.4)	138 <sup>6</sup> (6.0)	12 (0.5)		

See notes at end of table.

**Table 461. Average eighth-grade scores and annual instructional time in mathematics and science, by country or other education system: 2011—Continued**  
[Standard errors appear in parentheses]

Country or other education system <sup>1</sup>	Total instructional hours per year	Mathematics			Science		
		Average score <sup>2</sup>	Instructional time in mathematics		Average score <sup>2</sup>	Instructional time in science <sup>3</sup>	
			Hours per year	As a percent of total instructional hours		Hours per year	As a percent of total instructional hours
1	2	3	4	5	6	7	8
<i>Connecticut-USA</i> <sup>9,13,15</sup> .....	1,071 (19.3)	518 (4.8)	144 <sup>5</sup> (4.4)	14 (0.5)	532 (4.6)	139 <sup>6</sup> (6.2)	13 (0.6)
<i>Dubai-UAE</i> .....	1,022 <sup>5</sup> (1.5)	478 (2.1)	155 <sup>5</sup> (3.6)	15 (0.3)	485 (2.5)	125 <sup>6</sup> (3.6)	11 (0.3)
<i>Florida-USA</i> <sup>9,13,15</sup> .....	1,119 <sup>5</sup> (17.0)	513 (6.4)	144 <sup>6</sup> (7.4)	13 (0.7)	530 (7.3)	† (†)	13 (0.8)
<i>Indiana-USA</i> <sup>9,13,15</sup> .....	1,133 <sup>5</sup> (14.9)	522 (5.1)	149 <sup>6</sup> (6.9)	13 (0.7)	533 (4.8)	132 <sup>6</sup> (6.5)	12 (0.6)
<i>Massachusetts-USA</i> <sup>9,13,15</sup> .....	1,087 (13.6)	561 (5.3)	154 <sup>5</sup> (5.4)	14 (0.6)	567 (5.1)	156 <sup>6</sup> (6.1)	15 (0.6)
<i>Minnesota-USA</i> <sup>9,15</sup> .....	1,043 (14.8)	545 (4.6)	142 <sup>5</sup> (7.5)	14 (0.7)	553 (4.6)	140 <sup>6</sup> (8.3)	14 (0.9)
<i>North Carolina-USA</i> <sup>9,12,15</sup> .....	1,159 (16.0)	537 (6.8)	185 <sup>6</sup> (9.7)	16 (0.8)	532 (6.3)	† (†)	16 (1.2)
<i>Ontario-CAN</i> <sup>13</sup> .....	971 <sup>5</sup> (7.5)	512 (2.5)	181 <sup>5</sup> (3.9)	16 (0.5)	521 (2.5)	96 <sup>5</sup> (3.5)	11 (0.3)
<i>Quebec-CAN</i> .....	913 (3.3)	532 (2.3)	147 (4.1)	15 (0.5)	520 (2.5)	102 <sup>5</sup> (3.0)	14 (0.4)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either data are available for less than 50 percent of the students or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities such as U.S. states, Canadian provinces, and England (which is part of the United Kingdom). The name of each subnational entity appears in italics and includes as a suffix the three-letter International Organization for Standardization (ISO) abbreviation for its complete country. Examples include *Florida-USA*, *Ontario-CAN*, and *England-GBR*.

<sup>2</sup>Trends in International Mathematics and Science Study (TIMSS) scores are reported on a scale from 0 to 1,000, with the scale average set at 500 and the standard deviation set at 100.

<sup>3</sup>General/integrated science instructional time is shown for the 27 participating countries that teach science as a general or integrated subject at the eighth grade. For the 15 participating countries that teach the sciences as separate subjects (biology, chemistry, etc.) at the eighth grade, total instructional time across science subjects is shown.

<sup>4</sup>The TIMSS average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IAE), which develops and implements TIMSS at the international level. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>5</sup>Data are available for at least 70 percent but less than 85 percent of students.

<sup>6</sup>Data are available for at least 50 percent but less than 70 percent of students.

<sup>7</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.

<sup>8</sup>Nearly satisfied guidelines for sample participation rate after replacement schools were included.

<sup>9</sup>National Target Population does not include all of the International Target Population defined by TIMSS.

<sup>10</sup>Exclusion rates for Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available.

<sup>11</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 25 percent.

<sup>12</sup>National Defined Population covers less than 90 percent of National Target Population (but at least 77 percent).

<sup>13</sup>National Defined Population covers 90 to 95 percent of National Target Population.

<sup>14</sup>Data are for 2007 and are from *TIMSS 2007 International Results in Science*. Met guidelines for sample participation rates only after replacement schools were included. Data are available for at least 50 percent but less than 70 percent of students.

<sup>15</sup>All U.S. state data are based on public school students only.

NOTE: Countries were required to sample students in the grade that corresponded to the end of 8 years of formal schooling, providing that the mean age at the time of testing was at least 13.5 years. Instructional times shown in this table are actual or implemented times (as opposed to intended times prescribed by the curriculum). Principals reported total instructional hours per day and school days per year. Total instructional hours per year were calculated by multiplying the number of school days per year by the number of instructional hours per day. Teachers reported instructional hours per week in mathematics and science. Instructional hours per year in mathematics and science were calculated by dividing weekly instructional hours by the number of school days per week and then multiplying by the number of school days per year.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Trends in International Mathematics and Science Study (TIMSS), 2011; *TIMSS 2011 International Results in Mathematics*, by Ina V.S. Mullis et al.; and *TIMSS 2011 International Results in Science*, by Michael O. Martin et al. (This table was prepared December 2012.)

**Table 462. Average reading literacy scale scores of fourth-graders and percentage whose schools emphasize reading skills and strategies at or before second grade or at third grade, by sex and country or other education system: 2001, 2006, and 2011**  
[Standard errors appear in parentheses]

	Average reading literacy scale score <sup>2</sup>						Percent of fourth-graders in 2011, by grade at which reading skills and strategies emphasized <sup>3</sup>							
Country or other education system <sup>1</sup>	2001	2006	2011			At or before second grade	At third grade							
			Total	Male	Female									
1	2	3	4	5	6	7	8							
<b>PIRLS average<sup>4</sup>.....</b>	<b>500</b>	<b>(†)</b>	<b>500</b>	<b>(†)</b>	<b>500</b>	<b>(†)</b>	<b>504</b>	<b>(0.5)</b>	<b>520</b>	<b>(0.5)</b>	<b>28</b>	<b>(0.5)</b>	<b>68</b>	<b>(0.5)</b>
Australia.....	—	(†)	—	(†)	527	(2.2)	519	(2.7)	536	(2.7)	73	(4.0)	27	(4.0)
Austria.....	—	(†)	538	(2.2)	529	(2.0)	525	(2.3)	533	(2.2)	29	(4.2)	71	(4.2)
Azerbaijan <sup>5</sup> .....	—	(†)	—	(†)	462 <sup>6</sup>	(3.3)	456 <sup>6</sup>	(3.5)	470 <sup>6</sup>	(3.6)	19	(3.6)	79	(3.8)
Belgium (Flemish)-BEL.....	—	(†)	500	(2.6)	506 <sup>6,7</sup>	(2.9)	504 <sup>6,7</sup>	(3.1)	509 <sup>6,7</sup>	(3.1)	29	(5.0)	70	(5.1)
Bulgaria.....	550	(3.8)	547	(4.4)	532	(4.1)	524	(4.3)	539	(4.5)	25	(3.5)	74	(3.6)
Canada.....	—	(†)	—	(†)	548 <sup>6</sup>	(1.6)	542 <sup>6</sup>	(2.1)	555 <sup>6</sup>	(1.7)	55	(2.7)	44	(2.7)
Chinese Taipei-CHN.....	—	(†)	535	(2.0)	553	(1.9)	546	(2.1)	561	(2.1)	17	(3.0)	80	(3.0)
Colombia.....	422	(4.4)	—	(†)	448	(4.1)	448	(4.6)	447	(4.6)	13	(3.3)	81	(3.6)
Croatia.....	—	(†)	—	(†)	553 <sup>6</sup>	(1.9)	546 <sup>6</sup>	(2.2)	560 <sup>6</sup>	(2.1)	31	(4.1)	68	(4.2)
Czech Republic.....	537	(2.3)	—	(†)	545	(2.2)	542	(2.5)	549	(2.5)	24	(3.8)	74	(4.0)
Denmark.....	—	(†)	546	(2.3)	554 <sup>6</sup>	(1.7)	548 <sup>6</sup>	(2.1)	560 <sup>6</sup>	(1.9)	21	(2.4)	79	(2.4)
England-GBR.....	553 <sup>4,5</sup>	(3.4)	539	(2.6)	552 <sup>7</sup>	(2.6)	540 <sup>7</sup>	(3.1)	563 <sup>7</sup>	(3.0)	84	(3.3)	15	(3.2)
Finland.....	—	(†)	—	(†)	568	(1.9)	558	(2.2)	578	(2.3)	10	(2.6)	87	(2.8)
France.....	525	(2.4)	522	(2.1)	520	(2.6)	518	(2.4)	522	(3.4)	18	(3.3)	81	(3.4)
Georgia <sup>5</sup> .....	—	(†)	471 <sup>6,8</sup>	(3.1)	488 <sup>8</sup>	(3.1)	477 <sup>8</sup>	(4.0)	499 <sup>8</sup>	(2.7)	20	(2.8)	79	(2.9)
Germany.....	539	(1.9)	548	(2.2)	541	(2.2)	537	(2.7)	545	(2.3)	30	(3.4)	69	(3.3)
Hong Kong-CHN.....	528	(3.1)	564	(2.4)	571 <sup>9</sup>	(2.3)	563 <sup>9</sup>	(2.5)	579 <sup>9</sup>	(2.3)	16	(3.5)	81	(3.8)
Hungary.....	543	(2.2)	551	(3.0)	539	(2.9)	532	(3.2)	547	(3.2)	28	(4.1)	71	(4.0)
Indonesia.....	—	(†)	405	(4.1)	428	(4.2)	419	(4.3)	437	(4.5)	±	(†)	88	(3.2)
Iran, Islamic Republic of.....	414	(4.2)	421	(3.1)	457	(2.8)	448	(4.3)	467	(4.3)	7	(1.6)	85	(2.4)
Ireland.....	—	(†)	—	(†)	552	(2.3)	544	(3.0)	559	(2.9)	40	(4.0)	60	(4.0)
Israel.....	509 <sup>10</sup>	(2.8)	512 <sup>10</sup>	(3.3)	541 <sup>9</sup>	(2.7)	538 <sup>9</sup>	(3.4)	544 <sup>9</sup>	(3.1)	59	(4.7)	41	(4.7)
Italy.....	541	(2.4)	551	(2.9)	541	(2.2)	540	(2.7)	543	(2.4)	15	(2.5)	84	(2.5)
Lithuania.....	543 <sup>8</sup>	(2.6)	537 <sup>8</sup>	(1.6)	528 <sup>6,8</sup>	(2.0)	520 <sup>6,8</sup>	(2.4)	537 <sup>6,8</sup>	(2.4)	23	(3.3)	76	(3.4)
Malta.....	—	(†)	—	(†)	477	(1.4)	468	(2.0)	486	(1.9)	14	(0.1)	86	(0.1)
Morocco.....	350 <sup>11</sup>	(9.6)	323	(5.9)	310 <sup>12</sup>	(3.9)	296 <sup>12</sup>	(4.6)	326 <sup>12</sup>	(4.0)	±	(†)	48	(4.0)
Netherlands.....	554 <sup>7</sup>	(2.5)	547 <sup>7</sup>	(1.5)	546 <sup>7</sup>	(1.9)	543 <sup>7</sup>	(2.2)	549 <sup>7</sup>	(2.1)	22 <sup>13</sup>	(4.4)	78 <sup>13</sup>	(4.4)
New Zealand.....	529	(3.6)	532	(2.0)	531	(1.9)	521	(2.7)	541	(2.2)	73	(3.6)	27	(3.6)
Northern Ireland-GBR.....	—	(†)	—	(†)	558 <sup>7</sup>	(2.4)	550 <sup>7</sup>	(3.2)	567 <sup>7</sup>	(2.5)	55 <sup>13</sup>	(4.6)	45 <sup>13</sup>	(4.6)
Norway.....	499	(2.9)	498 <sup>13</sup>	(2.6)	507 <sup>11</sup>	(1.9)	500 <sup>11</sup>	(2.7)	514 <sup>11</sup>	(2.2)	14	(3.4)	83	(3.9)
Oman.....	—	(†)	—	(†)	391 <sup>14</sup>	(2.8)	371 <sup>14</sup>	(3.4)	411 <sup>14</sup>	(3.0)	4	(0.9)	86	(2.0)
Poland.....	—	(†)	519	(2.4)	526	(2.1)	519	(2.7)	533	(2.5)	6 <sup>!</sup>	(2.1)	94	(2.1)
Portugal.....	—	(†)	—	(†)	541	(2.6)	534	(2.8)	548	(3.0)	25	(4.1)	75	(4.1)
Qatar.....	—	(†)	353	(1.1)	425 <sup>6</sup>	(3.5)	411 <sup>6</sup>	(4.2)	441 <sup>6</sup>	(4.7)	24	(3.0)	66	(3.4)
Romania.....	512	(4.6)	489	(5.0)	502	(4.3)	495	(4.3)	510	(4.8)	14	(3.4)	85	(3.5)
Russian Federation.....	528 <sup>6</sup>	(4.4)	565 <sup>6</sup>	(3.4)	568	(2.7)	559	(3.1)	578	(2.8)	50	(3.7)	50	(3.7)
Saudi Arabia.....	—	(†)	—	(†)	430	(4.4)	402	(8.2)	456	(3.1)	7	(1.7)	78	(3.5)
Singapore.....	528	(5.2)	558	(2.9)	567 <sup>6</sup>	(3.3)	559 <sup>6</sup>	(3.6)	576 <sup>6</sup>	(3.5)	46	(#)	54	(#)
Slovak Republic.....	518	(2.8)	531	(2.8)	535	(2.8)	530	(2.8)	540	(3.1)	24	(3.2)	76	(3.3)
Slovenia.....	502	(2.0)	522	(2.1)	530	(2.0)	523	(2.7)	539	(2.2)	8	(1.8)	87	(2.4)
Spain.....	—	(†)	513	(2.5)	513	(2.3)	511	(2.8)	516	(2.5)	29	(3.2)	71	(3.2)
Sweden.....	561	(2.2)	549	(2.3)	542	(2.1)	535	(2.5)	549	(2.4)	37 <sup>13</sup>	(4.5)	63 <sup>13</sup>	(4.5)
Trinidad and Tobago.....	—	(†)	436	(4.9)	471	(3.8)	456	(4.3)	487	(4.5)	32	(3.8)	66	(4.0)
United Arab Emirates.....	—	(†)	—	(†)	439	(2.2)	425	(3.5)	452	(3.0)	15	(1.3)	68	(2.2)
United States.....	542 <sup>6,7</sup>	(3.8)	540 <sup>7</sup>	(3.5)	556 <sup>6</sup>	(1.5)	551 <sup>6</sup>	(1.7)	562 <sup>6</sup>	(1.9)	75 <sup>13</sup>	(2.7)	24 <sup>13</sup>	(2.7)
<b>Benchmarking education systems</b>														
Abu Dhabi-UAE.....	—	(†)	—	(†)	424	(4.7)	406	(6.3)	442	(5.5)	11	(2.6)	61	(4.4)
Alberta-CAN.....	—	(†)	560 <sup>6</sup>	(2.4)	548 <sup>6</sup>	(2.9)	543 <sup>6</sup>	(3.1)	553 <sup>6</sup>	(3.1)	52	(4.5)	48	(4.5)
Andalusia-ESP.....	—	(†)	—	(†)	515	(2.3)	511	(2.8)	519	(2.4)	26	(3.6)	74	(3.6)
Dubai-UAE.....	—	(†)	—	(†)	476	(2.0)	470	(3.5)	483	(3.9)	28	(0.3)	66	(0.3)
Florida-USA <sup>15</sup> .....	—	(†)	—	(†)	569 <sup>8,10</sup>	(2.9)	561 <sup>8,10</sup>	(3.0)	576 <sup>8,10</sup>	(3.4)	82 <sup>13</sup>	(4.7)	18 <sup>13</sup>	(4.7)
Maltese-MLT.....	—	(†)	—	(†)	457	(1.5)	445	(2.2)	470	(2.0)	14	(0.1)	86	(0.1)
Ontario-CAN.....	548 <sup>6</sup>	(3.3)	555 <sup>6</sup>	(2.7)	552 <sup>6</sup>	(2.6)	546 <sup>6</sup>	(2.8)	558 <sup>6</sup>	(3.3)	75	(4.0)	25	(4.0)
Quebec-CAN.....	537	(3.0)	533	(2.8)	538	(2.1)	531	(2.4)	544	(2.6)	23	(3.9)	75	(4.1)

—Not available.

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Most of the education systems represent complete countries, but some represent subnational entities such as U.S. states, Canadian provinces, and England (which is part of the United Kingdom). The name of each subnational entity appears in italics and includes as a suffix the three-letter International Organization for Standardization (ISO) abbreviation for its complete country. Examples include *Florida-USA*, *Ontario-CAN*, and *England-GBR*.<sup>2</sup>Progress in International Reading Literacy Study (PIRLS) scores are reported on a scale from 0 to 1,000, with the scale average set at 500 and the standard deviation set at 100.<sup>3</sup>Based on principals' reports of the earliest grade at which each of 11 reading skills and strategies first receive a major emphasis in instruction. A school is counted as emphasizing reading skills and strategies at a certain grade (or before) only if its principal reported that all 11 skills and strategies are emphasized at that grade (or before). A small percentage of fourth-graders (1 percent in the United States) are not shown because their schools first emphasized reading skills and strategies at fourth grade or later.<sup>4</sup>The PIRLS average includes only education systems that are members of the International Association for the Evaluation of Educational Achievement (IAE), which develops and implements PIRLS

at the international level. "Benchmarking" education systems are not members of the IEA and are therefore not included in the average.

<sup>5</sup>Exclusion rates for Azerbaijan and Georgia are slightly underestimated as some conflict zones were not covered and no official statistics were available for 2011.<sup>6</sup>National Defined Population covers 90 percent to 95 percent of National Target Population.<sup>7</sup>Met guidelines for sample participation rates only after replacement schools were included.<sup>8</sup>National Target Population does not include all of the International Target Population.<sup>9</sup>National Defined Population covers less than 90 percent of National Target Population.<sup>10</sup>National Defined Population covers less than 80 percent of National Target Population.<sup>11</sup>Nearly satisfied guidelines for sample participation rates after replacement schools were included.<sup>12</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 25 percent.<sup>13</sup>Data are available for at least 70 percent but less than 85 percent of students.<sup>14</sup>The TIMSS & PIRLS International Study Center has reservations about the reliability of the average achievement score because the percentage of students with achievement too low for estimation exceeds 15 percent, though it is less than 25 percent.<sup>15</sup>All data for Florida are based on public schools only.

SOURCE: International Association for the Evaluation of Educational Achievement (IEA), Progress in International Reading Literacy Study (PIRLS), 2001, 2006, and 2011. (This table was prepared February 2013).

**Table 463. Average reading literacy, mathematics literacy, and science literacy scores of 15-year-old students, by sex and country: 2009**  
[Standard errors appear in parentheses]

Country or other jurisdiction	Reading literacy			Mathematics literacy			Science literacy					
	Total	Male	Female	Total	Male	Female	Total	Male	Female			
1	2	3	4	5	6	7	8	9	10			
OECD total <sup>1</sup> .....	492	(1.2)	475	(1.4)	508	(1.2)	488	(1.2)	496	(1.2)	494	(1.3)
OECD average <sup>2</sup> .....	493	(0.5)	474	(0.6)	513	(0.5)	496	(0.5)	501	(0.6)	501	(0.6)
Australia .....	515	(2.3)	496	(2.9)	533	(2.6)	514	(2.5)	519	(3.0)	509	(2.8)
Austria .....	470	(2.9)	449	(3.8)	490	(4.0)	496	(2.7)	506	(3.4)	486	(4.0)
Belgium .....	506	(2.3)	493	(3.4)	520	(2.9)	515	(2.3)	526	(3.3)	504	(3.0)
Canada .....	524	(1.5)	507	(1.8)	542	(1.7)	527	(1.6)	533	(2.0)	521	(1.7)
Chile .....	449	(3.1)	439	(3.9)	461	(3.6)	421	(3.1)	431	(3.7)	410	(3.6)
Czech Republic.....	478	(2.9)	456	(3.7)	504	(3.0)	493	(2.8)	495	(3.9)	490	(3.0)
Denmark .....	495	(2.1)	480	(2.5)	509	(2.5)	503	(2.6)	511	(3.0)	495	(2.9)
Estonia .....	501	(2.6)	480	(2.9)	524	(2.8)	512	(2.6)	516	(2.9)	508	(2.9)
Finland .....	536	(2.3)	508	(2.6)	563	(2.4)	541	(2.2)	542	(2.5)	539	(2.5)
France .....	496	(3.4)	475	(4.3)	515	(3.4)	497	(3.1)	505	(3.8)	489	(3.4)
Germany .....	497	(2.7)	478	(3.6)	518	(2.9)	513	(2.9)	520	(3.6)	505	(3.3)
Greece .....	483	(4.3)	459	(5.5)	506	(3.5)	466	(3.9)	473	(5.4)	459	(3.3)
Hungary .....	494	(3.2)	475	(3.9)	513	(3.6)	490	(3.5)	496	(4.2)	484	(3.9)
Iceland .....	500	(1.4)	478	(2.1)	522	(1.9)	507	(1.4)	508	(2.0)	505	(1.9)
Ireland.....	496	(3.0)	476	(4.2)	515	(3.1)	487	(2.5)	491	(3.4)	483	(3.0)
Israel .....	474	(3.6)	452	(5.2)	495	(3.4)	447	(3.3)	451	(4.7)	443	(3.3)
Italy .....	486	(1.6)	464	(2.3)	510	(1.9)	483	(1.9)	490	(2.3)	475	(2.2)
Japan .....	520	(3.5)	501	(5.6)	540	(3.7)	529	(3.3)	534	(5.3)	524	(3.9)
Korea, Republic of .....	539	(3.5)	523	(4.9)	558	(3.8)	546	(4.0)	548	(6.2)	544	(4.5)
Luxembourg .....	472	(1.3)	453	(1.9)	492	(1.5)	489	(1.2)	499	(2.0)	479	(1.3)
Mexico .....	425	(2.0)	413	(2.1)	438	(2.1)	419	(1.8)	425	(2.1)	412	(1.9)
Netherlands .....	508	(5.1)	496	(5.1)	521	(5.3)	526	(4.7)	534	(4.8)	517	(5.1)
New Zealand.....	521	(2.4)	499	(3.6)	544	(2.6)	519	(2.3)	523	(3.2)	515	(2.9)
Norway .....	503	(2.6)	480	(3.0)	527	(2.9)	498	(2.4)	500	(2.7)	495	(2.8)
Poland.....	500	(2.6)	476	(2.8)	525	(2.9)	495	(2.8)	497	(3.0)	493	(3.2)
Portugal .....	489	(3.1)	470	(3.5)	508	(2.9)	487	(2.9)	493	(3.3)	481	(3.1)
Slovak Republic .....	477	(2.5)	452	(3.5)	503	(2.8)	497	(3.1)	498	(3.7)	495	(3.4)
Slovenia .....	483	(1.0)	456	(1.6)	511	(1.4)	501	(1.2)	502	(1.8)	501	(1.7)
Spain .....	481	(2.0)	467	(2.2)	496	(2.2)	483	(2.1)	493	(2.3)	474	(2.5)
Sweden .....	497	(2.9)	475	(3.2)	521	(3.1)	494	(2.9)	493	(3.1)	495	(3.3)
Switzerland .....	501	(2.4)	481	(2.9)	520	(2.7)	534	(3.3)	544	(3.7)	524	(3.4)
Turkey .....	464	(3.5)	443	(3.7)	486	(4.1)	445	(4.4)	451	(4.6)	440	(5.6)
United Kingdom .....	494	(2.3)	481	(3.5)	507	(2.9)	492	(2.4)	503	(3.2)	482	(3.3)
United States .....	500	(3.7)	488	(4.2)	513	(3.8)	487	(3.6)	497	(4.0)	477	(3.8)
Non-OECD education systems												
Albania .....	385	(4.0)	355	(5.1)	417	(3.9)	377	(4.0)	372	(4.7)	383	(4.2)
Argentina .....	398	(4.6)	379	(5.1)	415	(4.9)	388	(4.1)	394	(4.5)	383	(4.4)
Azerbaijan .....	362	(3.3)	350	(3.7)	374	(3.3)	431	(2.8)	435	(3.1)	427	(3.0)
Brazil .....	412	(2.7)	397	(2.9)	425	(2.8)	386	(2.4)	394	(2.4)	379	(2.6)
Bulgaria .....	429	(6.7)	400	(7.3)	461	(5.8)	428	(5.9)	426	(6.2)	430	(6.0)
Colombia.....	413	(3.7)	408	(4.5)	418	(4.0)	381	(3.2)	398	(4.0)	366	(3.3)
Croatia .....	476	(2.9)	452	(3.4)	503	(3.7)	460	(3.1)	465	(3.6)	454	(3.9)
Dubai (United Arab Emirates)	459	(1.1)	435	(1.7)	485	(1.5)	453	(1.1)	454	(1.5)	451	(1.6)
Hong Kong-China .....	533	(2.1)	518	(3.3)	550	(2.8)	555	(2.7)	561	(4.2)	547	(3.4)
Indonesia .....	402	(3.7)	383	(3.8)	420	(3.9)	371	(3.7)	371	(4.1)	372	(4.0)
Jordan .....	405	(3.3)	377	(4.7)	434	(4.1)	387	(3.7)	386	(5.1)	387	(5.2)
Kazakhstan .....	390	(3.1)	369	(3.2)	412	(3.4)	405	(3.0)	405	(3.1)	405	(3.3)
Kyrgyzstan .....	314	(3.2)	287	(3.8)	340	(3.2)	331	(2.9)	328	(3.4)	334	(2.8)
Latvia .....	484	(3.0)	460	(3.4)	507	(3.1)	482	(3.1)	483	(3.5)	481	(3.4)
Liechtenstein .....	499	(2.8)	484	(4.5)	516	(4.5)	536	(4.1)	547	(5.2)	523	(5.9)
Lithuania .....	468	(2.4)	439	(2.8)	498	(2.6)	477	(2.6)	474	(3.1)	480	(3.0)
Macao-China .....	487	(0.9)	470	(1.3)	504	(1.2)	525	(0.9)	531	(1.3)	520	(1.4)
Montenegro.....	408	(1.7)	382	(2.1)	434	(2.1)	403	(2.0)	408	(2.2)	396	(2.4)
Panama .....	371	(6.5)	354	(7.0)	387	(7.3)	360	(5.2)	362	(5.6)	357	(6.1)
Peru .....	370	(4.0)	359	(4.2)	381	(4.9)	365	(4.0)	374	(4.6)	356	(4.4)
Qatar .....	372	(0.8)	347	(1.3)	397	(1.0)	368	(0.7)	366	(1.2)	371	(1.0)
Romania .....	424	(4.1)	403	(4.6)	445	(4.3)	427	(3.4)	429	(3.9)	425	(3.8)
Russian Federation .....	459	(3.3)	437	(3.6)	482	(3.4)	468	(3.3)	469	(3.7)	467	(3.5)
Serbia .....	442	(2.4)	422	(3.3)	462	(2.5)	442	(2.9)	448	(3.8)	437	(3.2)
Shanghai-China .....	556	(2.4)	536	(3.0)	576	(2.3)	600	(2.8)	599	(3.7)	601	(3.1)
Singapore .....	526	(1.1)	511	(1.7)	542	(1.5)	562	(1.4)	565	(1.9)	559	(2.0)
Chinese Taipei .....	495	(2.6)	477	(3.7)	514	(3.6)	543	(3.4)	546	(4.8)	541	(4.8)
Thailand .....	421	(2.6)	400	(3.3)	438	(3.1)	419	(3.2)	421	(3.9)	417	(3.8)
Trinidad and Tobago .....	416	(1.2)	387	(1.9)	445	(1.6)	414	(1.3)	410	(2.3)	418	(1.5)
Tunisia .....	404	(2.9)	387	(3.2)	418	(3.0)	371	(3.0)	378	(3.3)	366	(3.2)
Uruguay .....	426	(2.6)	404	(3.2)	445	(2.8)	427	(2.6)	433	(3.0)	421	(2.9)

<sup>1</sup>Illustrates how a country compares with the OECD area as a whole. Computed taking the OECD countries as a single entity, to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

<sup>2</sup>Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

NOTE: PISA scores are reported on a scale from 0 to 1,000.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2009, *PISA 2009 Results: What Students Know and Can Do—Student Performance in Reading, Mathematics and Science (Volume I)*. (This table was prepared December 2010.)



**Table 464. Average reading scores and percentage distribution of 15-year-old students scoring at each reading literacy proficiency level, by country: 2009**

[Standard errors appear in parentheses]

Country or other jurisdiction	Average reading score	Percentage distribution at levels of reading proficiency <sup>1</sup>															
		Below level 1b		Level 1b		Level 1a		Level 2		Level 3		Level 4		Level 5		Level 6	
1	2	3		4		5		6		7		8		9		10	
OECD total <sup>2</sup> .....	492 (1.2)	1.1	(0.07)	4.8	(0.15)	13.8	(0.26)	24.4	(0.30)	27.9	(0.32)	19.9	(0.31)	7.0	(0.24)	1.0	(0.13)
OECD average <sup>3</sup> .....	493 (0.5)	1.1	(0.05)	4.6	(0.08)	13.1	(0.13)	24.0	(0.16)	28.9	(0.16)	20.7	(0.16)	6.8	(0.10)	0.8	(0.03)
Australia.....	515 (2.3)	1.0	(0.12)	3.3	(0.27)	10.0	(0.39)	20.4	(0.57)	28.5	(0.73)	24.1	(0.65)	10.7	(0.54)	2.1	(0.31)
Austria.....	470 (2.9)	1.9	(0.42)	8.1	(0.81)	17.5	(0.99)	24.1	(0.96)	26.0	(0.92)	17.4	(0.85)	4.5	(0.45)	0.4 !	(0.13)
Belgium.....	506 (2.3)	1.1	(0.25)	4.7	(0.46)	11.9	(0.64)	20.3	(0.67)	25.8	(0.85)	24.9	(0.75)	10.1	(0.51)	1.1	(0.19)
Canada.....	524 (1.5)	0.4	(0.06)	2.0	(0.19)	7.9	(0.34)	20.2	(0.61)	30.0	(0.69)	26.8	(0.58)	11.0	(0.41)	1.8	(0.17)
Chile.....	449 (3.1)	1.3	(0.24)	7.4	(0.77)	21.9	(0.95)	33.2	(1.11)	25.6	(1.15)	9.3	(0.71)	1.3	(0.25)	#	(†)
Czech Republic.....	478 (2.9)	0.8 !	(0.29)	5.5	(0.60)	16.8	(1.06)	27.4	(0.99)	27.0	(1.00)	17.4	(0.97)	4.7	(0.45)	0.4 !	(0.12)
Denmark.....	495 (2.1)	0.4	(0.11)	3.1	(0.30)	11.7	(0.72)	26.0	(0.94)	33.1	(1.21)	20.9	(1.11)	4.4	(0.45)	0.3 !	(0.12)
Estonia.....	501 (2.6)	0.3 !	(0.13)	2.4	(0.38)	10.6	(0.86)	25.6	(1.26)	33.8	(1.00)	21.2	(0.81)	5.4	(0.52)	0.6 !	(0.20)
Finland.....	536 (2.3)	0.2	(0.07)	1.5	(0.20)	6.4	(0.44)	16.7	(0.62)	30.1	(0.85)	30.6	(0.88)	12.9	(0.74)	1.6	(0.24)
France.....	496 (3.4)	2.3	(0.52)	5.6	(0.53)	11.8	(0.84)	21.1	(1.03)	27.2	(1.04)	22.4	(1.07)	8.5	(0.83)	1.1	(0.25)
Germany.....	497 (2.7)	0.8	(0.23)	4.4	(0.46)	13.3	(0.79)	22.2	(0.87)	28.8	(1.09)	22.8	(0.88)	7.0	(0.57)	0.6	(0.15)
Greece.....	483 (4.3)	1.4	(0.38)	5.6	(0.86)	14.3	(1.07)	25.6	(1.06)	29.3	(1.20)	18.2	(0.98)	5.0	(0.54)	0.6	(0.17)
Hungary.....	494 (3.2)	0.6 !	(0.23)	4.7	(0.82)	12.3	(0.95)	23.8	(1.24)	31.0	(1.25)	21.6	(1.11)	5.8	(0.67)	0.3 !	(0.13)
Iceland.....	500 (1.4)	1.1	(0.18)	4.2	(0.43)	11.5	(0.71)	22.2	(0.80)	30.6	(0.94)	21.9	(0.84)	7.5	(0.62)	1.0	(0.19)
Ireland.....	496 (3.0)	1.5	(0.36)	3.9	(0.47)	11.8	(0.71)	23.3	(1.00)	30.6	(0.91)	21.9	(0.91)	6.3	(0.50)	0.7 !	(0.22)
Israel.....	474 (3.6)	3.9	(0.66)	8.0	(0.66)	14.7	(0.63)	22.5	(0.96)	25.5	(0.95)	18.1	(0.73)	6.4	(0.54)	1.0	(0.16)
Italy.....	486 (1.6)	1.4	(0.23)	5.2	(0.32)	14.4	(0.45)	24.0	(0.54)	28.9	(0.55)	20.2	(0.48)	5.4	(0.30)	0.4	(0.10)
Japan.....	520 (3.5)	1.3	(0.6)	3.4	(0.49)	8.9	(0.66)	18.0	(0.84)	28.0	(0.88)	27.0	(0.95)	11.5	(0.71)	1.9	(0.36)
Korea, Republic of.....	539 (3.5)	‡	(†)	0.9 !	(0.30)	4.7	(0.63)	15.4	(1.01)	33.0	(1.23)	32.9	(1.42)	11.9	(0.96)	1.0	(0.20)
Luxembourg.....	472 (1.3)	3.1	(0.27)	7.3	(0.45)	15.7	(0.59)	24.0	(0.70)	27.0	(0.65)	17.3	(0.61)	5.2	(0.43)	0.5 !	(0.15)
Mexico.....	425 (2.0)	3.2	(0.34)	11.4	(0.48)	25.5	(0.56)	33.0	(0.57)	21.2	(0.59)	5.3	(0.39)	0.4	(0.07)	#	(†)
Netherlands.....	508 (5.1)	‡	(†)	1.8	(0.31)	12.5	(1.36)	24.7	(1.53)	27.6	(1.24)	23.5	(1.66)	9.1	(1.00)	0.7	(0.22)
New Zealand.....	521 (2.4)	0.9	(0.22)	3.2	(0.45)	10.2	(0.58)	19.3	(0.75)	25.8	(0.76)	24.8	(0.81)	12.9	(0.76)	2.9	(0.38)
Norway.....	503 (2.6)	0.5	(0.14)	3.4	(0.39)	11.0	(0.66)	23.6	(0.84)	30.9	(0.86)	22.1	(1.16)	7.6	(0.87)	0.8	(0.20)
Poland.....	500 (2.6)	0.6	(0.15)	3.1	(0.35)	11.3	(0.66)	24.5	(1.08)	31.0	(0.98)	22.3	(0.99)	6.5	(0.55)	0.7	(0.15)
Portugal.....	489 (3.1)	0.6	(0.14)	4.0	(0.41)	13.0	(0.97)	26.4	(1.09)	31.6	(1.09)	19.6	(0.92)	4.6	(0.48)	0.2 !	(0.10)
Slovak Republic.....	477 (2.5)	0.8 !	(0.28)	5.6	(0.62)	15.9	(0.83)	28.1	(1.04)	28.5	(1.14)	16.7	(0.79)	4.2	(0.48)	0.3 !	(0.11)
Slovenia.....	483 (1.0)	0.8	(0.09)	5.2	(0.34)	15.2	(0.49)	25.6	(0.71)	29.2	(0.86)	19.3	(0.80)	4.3	(0.54)	0.3 !	(0.12)
Spain.....	481 (2.0)	1.2	(0.18)	4.7	(0.39)	13.6	(0.64)	26.8	(0.84)	32.6	(0.95)	17.7	(0.68)	3.2	(0.29)	‡	(†)
Sweden.....	497 (2.9)	1.5	(0.25)	4.3	(0.38)	11.7	(0.71)	23.5	(0.99)	29.8	(0.98)	20.3	(0.92)	7.7	(0.59)	1.3	(0.25)
Switzerland.....	501 (2.4)	0.7	(0.15)	4.1	(0.38)	12.1	(0.62)	22.7	(0.70)	29.7	(0.78)	22.6	(0.82)	7.4	(0.68)	0.7 !	(0.22)
Turkey.....	464 (3.5)	0.8	(0.19)	5.6	(0.63)	18.1	(0.98)	32.2	(1.16)	29.1	(1.07)	12.4	(1.11)	1.8	(0.38)	#	(†)
United Kingdom.....	494 (2.3)	1.0	(0.20)	4.1	(0.35)	13.4	(0.64)	24.9	(0.72)	28.8	(0.84)	19.8	(0.79)	7.0	(0.47)	1.0	(0.19)
United States.....	500 (3.7)	0.6	(0.13)	4.0	(0.45)	13.1	(0.84)	24.4	(0.86)	27.6	(0.83)	20.6	(0.90)	8.4	(0.75)	1.5	(0.42)

See notes at end of table.

Table 464. Average reading scores and percentage distribution of 15-year-old students scoring at each reading literacy proficiency level, by country: 2009—Continued

[Standard errors appear in parentheses]

Country or other jurisdiction	Average reading score	Percentage distribution at levels of reading proficiency <sup>1</sup>							
		Below level 1b	Level 1b	Level 1a	Level 2	Level 3	Level 4	Level 5	Level 6
1	2	3	4	5	6	7	8	9	10
<b>Non-OECD education systems</b>									
Albania.....	385 (4.0)	11.3 (0.92)	18.7 (1.32)	26.6 (1.18)	25.6 (1.33)	14.4 (1.18)	3.1 (0.48)	‡ (†)	‡ (†)
Argentina.....	398 (4.6)	10.8 (1.10)	15.8 (1.25)	25.0 (1.30)	25.4 (1.22)	16.0 (1.04)	6.0 (0.83)	0.9 (0.23)	‡ (†)
Azerbaijan.....	362 (3.3)	9.7 (1.05)	26.1 (1.14)	36.9 (1.21)	21.5 (1.17)	5.3 (0.77)	0.5 ! (0.15)	# (†)	‡ (†)
Brazil.....	412 (2.7)	5.0 (0.38)	16.0 (0.67)	28.6 (0.81)	27.1 (0.78)	15.9 (0.86)	6.1 (0.53)	1.2 (0.21)	‡ (†)
Bulgaria.....	429 (6.7)	8.0 (1.09)	12.9 (1.36)	20.1 (1.35)	23.4 (1.15)	21.8 (1.43)	11.0 (1.14)	2.6 (0.50)	0.2 ! (0.08)
Colombia.....	413 (3.7)	4.2 (0.71)	13.9 (0.99)	29.0 (1.22)	30.6 (1.11)	17.1 (1.03)	4.6 (0.48)	0.5 ! (0.16)	# (†)
Croatia.....	476 (2.9)	1.0 (0.21)	5.0 (0.45)	16.5 (0.97)	27.4 (1.02)	30.6 (1.21)	16.4 (0.97)	3.1 (0.40)	‡ (†)
Dubai (United Arab Emirates).....	459 (1.1)	3.7 (0.23)	9.4 (0.45)	17.9 (0.50)	25.4 (0.71)	23.5 (0.77)	14.8 (0.71)	4.8 (0.49)	0.5 ! (0.18)
Hong Kong-China.....	533 (2.1)	0.2 ! (0.08)	1.5 (0.30)	6.6 (0.59)	16.1 (0.75)	31.4 (0.90)	31.8 (0.89)	11.2 (0.70)	1.2 (0.26)
Indonesia.....	402 (3.7)	1.7 (0.38)	14.1 (1.31)	37.6 (1.64)	34.3 (1.38)	11.2 (1.35)	1.0 ! (0.34)	‡ (†)	‡ (†)
Jordan.....	405 (3.3)	6.9 (0.62)	13.6 (0.78)	27.6 (0.96)	31.8 (0.98)	16.5 (0.99)	3.4 (0.44)	0.2 ! (0.09)	‡ (†)
Kazakhstan.....	390 (3.1)	7.5 (0.65)	20.4 (0.99)	30.7 (0.88)	24.1 (0.93)	13.1 (0.87)	3.7 (0.49)	0.4 ! (0.12)	‡ (†)
Kyrgyzstan.....	314 (3.2)	29.8 (1.25)	29.7 (0.91)	23.8 (0.94)	11.5 (0.83)	4.2 (0.57)	1.0 (0.28)	‡ (†)	‡ (†)
Latvia.....	484 (3.0)	0.4 ! (0.15)	3.3 (0.57)	13.9 (1.00)	28.8 (1.45)	33.5 (1.21)	17.2 (1.01)	2.9 (0.44)	‡ (†)
Liechtenstein.....	499 (2.8)	‡ (†)	2.8 ! (1.15)	12.8 (1.83)	24.0 (2.85)	31.1 (2.76)	24.6 (2.34)	4.2 ! (1.39)	‡ (†)
Lithuania.....	468 (2.4)	0.9 (0.26)	5.5 (0.56)	17.9 (0.87)	30.0 (1.03)	28.6 (0.94)	14.1 (0.80)	2.8 (0.38)	0.1 ! (0.06)
Macao-China.....	487 (0.9)	0.3 ! (0.09)	2.6 (0.25)	12.0 (0.43)	30.6 (0.63)	34.8 (0.67)	16.9 (0.50)	2.8 (0.25)	‡ (†)
Montenegro.....	408 (1.7)	5.9 (0.53)	15.8 (0.80)	27.8 (0.81)	28.0 (0.88)	16.8 (0.85)	5.0 (0.46)	0.6 (0.17)	‡ (†)
Panama.....	371 (6.5)	13.3 (1.83)	23.1 (1.78)	28.9 (1.79)	20.7 (1.43)	10.1 (1.36)	3.4 (0.68)	0.5 ! (0.23)	‡ (†)
Peru.....	370 (4.0)	14.1 (0.93)	22.0 (1.01)	28.7 (1.10)	22.1 (0.94)	10.1 (0.86)	2.6 (0.51)	0.4 ! (0.21)	# (†)
Qatar.....	372 (0.8)	17.8 (0.33)	22.4 (0.48)	23.2 (0.63)	18.3 (0.44)	11.1 (0.48)	5.4 (0.27)	1.5 (0.16)	0.2 ! (0.07)
Romania.....	424 (4.1)	4.1 (0.69)	12.7 (1.08)	23.6 (1.25)	31.6 (1.31)	21.2 (1.31)	6.1 (0.71)	0.7 (0.17)	‡ (†)
Russian Federation.....	459 (3.3)	1.6 (0.35)	6.8 (0.58)	19.0 (0.79)	31.6 (0.97)	26.8 (0.88)	11.1 (0.66)	2.8 (0.43)	0.3 ! (0.11)
Serbia.....	442 (2.4)	2.0 (0.36)	8.8 (0.67)	22.1 (0.87)	33.2 (1.02)	25.3 (0.96)	7.9 (0.56)	0.8 (0.16)	# (†)
Shanghai-China.....	556 (2.4)	0.1 ! (0.04)	0.6 (0.14)	3.4 (0.47)	13.3 (0.86)	28.5 (1.16)	34.7 (1.04)	17.0 (0.99)	2.4 (0.45)
Singapore.....	526 (1.1)	0.4 (0.11)	2.7 (0.26)	9.3 (0.50)	18.5 (0.60)	27.6 (0.81)	25.7 (0.73)	13.1 (0.54)	2.6 (0.34)
Chinese Taipei.....	495 (2.6)	0.7 (0.18)	3.5 (0.35)	11.4 (0.63)	24.6 (0.80)	33.5 (1.09)	21.0 (0.97)	4.8 (0.76)	0.4 ! (0.20)
Thailand.....	421 (2.6)	1.2 (0.29)	9.9 (0.82)	31.7 (1.12)	36.8 (1.15)	16.7 (0.82)	3.3 (0.52)	‡ (†)	‡ (†)
Trinidad and Tobago.....	416 (1.2)	9.6 (0.51)	14.2 (0.61)	21.0 (0.81)	25.0 (0.94)	19.0 (0.86)	8.9 (0.51)	2.1 (0.27)	0.2 ! (0.07)
Tunisia.....	404 (2.9)	5.5 (0.52)	15.0 (0.78)	29.6 (1.10)	31.5 (1.22)	15.1 (1.04)	3.1 (0.52)	‡ (†)	‡ (†)
Uruguay.....	426 (2.6)	5.5 (0.58)	12.5 (0.68)	23.9 (0.70)	28.0 (0.73)	20.3 (0.73)	8.1 (0.51)	1.7 (0.26)	‡ (†)

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Level 1b: Able to locate a single piece of explicitly stated information in a prominent position in a short, syntactically simple text and make simple connections between adjacent pieces of information. Level 1a: Able to locate explicitly stated information, recognize the main theme in a text about a familiar topic, and make a simple connection between information in the text and common, everyday knowledge. Level 2: Able to locate information which may need to be inferred and may need to meet several conditions, recognize the main idea in a text, understand relationships, construe meaning within part of the text when the information is not prominent, and make comparisons or connections between the text and outside knowledge by drawing on personal experience and attitudes. Level 3: Able to recognize the relationship between several pieces of information that must meet multiple conditions; integrate parts of a text in order to identify a main idea, understand a relationship, or construe the meaning of a word or phrase; compare, contrast or categorize where the required information is not prominent or there is much competing information or other obstacles in the text; make connections, comparisons, and explanations; evaluate a feature of the text; and demonstrate an understanding of the text by relating it to everyday knowledge or by drawing on less common knowledge. Level 4: Able to locate and organize embedded information, interpret the meaning of language by taking into account the text as a whole, understand and apply categories in an unfamiliar con-

text, use formal knowledge to hypothesize about or critically evaluate a text, and demonstrate an understanding of long or complex texts with unfamiliar form or content. Level 5: Able to locate and organize deeply embedded information, infer relevant information in the text, perform critical evaluation or form a hypothesis by drawing on specialized knowledge, and fully understand texts with unfamiliar form or content. Level 6: Able to make multiple inferences, comparisons, and contrasts that are both detailed and precise; demonstrate full understanding of texts and integrate information from more than one text; deal with unfamiliar ideas in the presence of prominent competing information; generate abstract categories for interpretation; hypothesize about or critically evaluate a complex text on an unfamiliar topic, taking into account multiple criteria or perspectives; and apply sophisticated understandings from beyond the text.

<sup>2</sup>Illustrates how a country compares with the OECD area as a whole. Computed by taking the OECD countries as a single entity to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

<sup>3</sup>Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

NOTE: PISA scores are reported on a scale from 0 to 1,000. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2009, *PISA 2009 Results: What Students Know and Can Do—Student Performance in Reading, Mathematics, and Science (Volume I)*. (This table was prepared December 2010.)

**Table 465. Average mathematics scores and percentage distribution of 15-year-old students scoring at each mathematics literacy proficiency level, by country: 2009**  
 [Standard errors appear in parentheses]

Country or other jurisdiction	Average mathematics score	Percentage distribution at levels of mathematics proficiency <sup>1</sup>													
		Below level 1		Level 1		Level 2		Level 3		Level 4		Level 5		Level 6	
1	2	3	4	5	6	7	8	9							
OECD total <sup>2</sup> .....	488 (1.2)	9.3 (0.25)	15.5 (0.33)	22.7 (0.31)	23.5 (0.24)	17.3 (0.30)	8.9 (0.24)	2.8 (0.16)							
OECD average <sup>3</sup> .....	496 (0.5)	8.0 (0.12)	14.0 (0.13)	22.0 (0.15)	24.3 (0.17)	18.9 (0.15)	9.6 (0.12)	3.1 (0.08)							
Australia.....	514 (2.5)	5.1 (0.33)	10.8 (0.53)	20.3 (0.61)	25.8 (0.54)	21.7 (0.56)	11.9 (0.54)	4.5 (0.56)							
Austria.....	496 (2.7)	7.8 (0.75)	15.4 (0.90)	21.2 (0.88)	23.0 (0.89)	19.6 (0.93)	9.9 (0.70)	3.0 (0.35)							
Belgium.....	515 (2.3)	7.7 (0.63)	11.3 (0.54)	17.5 (0.69)	21.8 (0.73)	21.3 (0.76)	14.6 (0.56)	5.8 (0.44)							
Canada.....	527 (1.6)	3.1 (0.25)	8.3 (0.42)	18.8 (0.48)	26.5 (0.86)	25.0 (0.68)	13.9 (0.45)	4.4 (0.27)							
Chile.....	421 (3.1)	21.7 (1.19)	29.4 (1.09)	27.3 (0.98)	14.8 (0.96)	5.6 (0.59)	1.2 (0.29)	† (†)							
Czech Republic.....	493 (2.8)	7.0 (0.83)	15.3 (0.82)	24.2 (1.00)	24.4 (1.09)	17.4 (0.81)	8.5 (0.64)	3.2 (0.39)							
Denmark.....	503 (2.6)	4.9 (0.49)	12.1 (0.80)	23.0 (0.91)	27.4 (1.06)	21.0 (0.89)	9.1 (0.83)	2.5 (0.47)							
Estonia.....	512 (2.6)	3.0 (0.42)	9.6 (0.68)	22.7 (0.86)	29.9 (0.94)	22.7 (0.81)	9.8 (0.79)	2.2 (0.43)							
Finland.....	541 (2.2)	1.7 (0.25)	6.1 (0.45)	15.6 (0.83)	27.1 (0.95)	27.8 (0.87)	16.7 (0.79)	4.9 (0.53)							
France.....	497 (3.1)	9.5 (0.88)	13.1 (1.07)	19.9 (0.94)	23.8 (1.12)	20.1 (1.01)	10.4 (0.72)	3.3 (0.48)							
Germany.....	513 (2.9)	6.4 (0.63)	12.2 (0.72)	18.8 (0.88)	23.1 (0.87)	21.7 (0.92)	13.2 (0.87)	4.6 (0.46)							
Greece.....	466 (3.9)	11.3 (1.22)	19.1 (1.01)	26.4 (1.25)	24.0 (1.05)	13.6 (0.78)	4.9 (0.56)	0.8 (0.16)							
Hungary.....	490 (3.5)	8.1 (0.99)	14.2 (0.95)	23.2 (1.18)	26.0 (1.24)	18.4 (1.02)	8.1 (0.79)	2.0 (0.45)							
Iceland.....	507 (1.4)	5.7 (0.43)	11.3 (0.52)	21.3 (0.88)	27.3 (0.90)	20.9 (0.90)	10.5 (0.67)	3.1 (0.40)							
Ireland.....	487 (2.5)	7.3 (0.63)	13.6 (0.74)	24.5 (1.09)	28.6 (1.20)	19.4 (0.92)	5.8 (0.59)	0.9 (0.20)							
Israel.....	447 (3.3)	20.5 (1.17)	18.9 (0.90)	22.5 (0.92)	20.1 (0.87)	12.0 (0.71)	4.7 (0.51)	1.2 (0.28)							
Italy.....	483 (1.9)	9.1 (0.44)	15.9 (0.48)	24.2 (0.59)	24.6 (0.48)	17.3 (0.57)	7.4 (0.40)	1.6 (0.15)							
Japan.....	529 (3.3)	4.0 (0.57)	8.5 (0.65)	17.4 (0.90)	25.7 (1.08)	23.5 (1.04)	14.7 (0.88)	6.2 (0.78)							
Korea, Republic of.....	546 (4.0)	1.9 (0.49)	6.2 (0.72)	15.6 (0.99)	24.4 (1.21)	26.3 (1.30)	17.7 (0.97)	7.8 (0.96)							
Luxembourg.....	489 (1.2)	9.6 (0.53)	14.4 (0.57)	22.7 (0.72)	23.1 (0.98)	19.0 (0.82)	9.0 (0.61)	2.3 (0.36)							
Mexico.....	419 (1.8)	21.9 (0.79)	28.9 (0.59)	28.3 (0.61)	15.6 (0.56)	4.7 (0.36)	0.7 (0.11)	# (†)							
Netherlands.....	526 (4.7)	2.8 (0.59)	10.6 (1.33)	19.0 (1.37)	23.9 (0.98)	23.9 (1.25)	15.4 (1.18)	4.4 (0.52)							
New Zealand.....	519 (2.3)	5.3 (0.53)	10.2 (0.54)	19.1 (0.84)	24.4 (0.88)	22.2 (0.98)	13.6 (0.74)	5.3 (0.45)							
Norway.....	498 (2.4)	5.5 (0.50)	12.7 (0.83)	24.3 (0.93)	27.5 (1.02)	19.7 (0.86)	8.4 (0.58)	1.8 (0.34)							
Poland.....	495 (2.8)	6.1 (0.54)	14.4 (0.75)	24.0 (0.88)	26.1 (0.77)	19.0 (0.85)	8.2 (0.61)	2.2 (0.41)							
Portugal.....	487 (2.9)	8.4 (0.62)	15.3 (0.83)	23.9 (0.93)	25.0 (1.03)	17.7 (0.79)	7.7 (0.63)	1.9 (0.35)							
Slovak Republic.....	497 (3.1)	7.0 (0.68)	14.0 (0.79)	23.2 (1.08)	25.0 (1.54)	18.1 (1.24)	9.1 (0.69)	3.6 (0.63)							
Slovenia.....	501 (1.2)	6.5 (0.40)	13.8 (0.60)	22.5 (0.67)	23.9 (0.69)	19.0 (0.79)	10.3 (0.57)	3.9 (0.36)							
Spain.....	483 (2.1)	9.1 (0.48)	14.6 (0.58)	23.9 (0.58)	26.6 (0.63)	17.7 (0.62)	6.7 (0.39)	1.3 (0.16)							
Sweden.....	494 (2.9)	7.5 (0.65)	13.6 (0.72)	23.4 (0.81)	25.2 (0.75)	19.0 (0.88)	8.9 (0.64)	2.5 (0.35)							
Switzerland.....	534 (3.3)	4.5 (0.40)	9.0 (0.65)	15.9 (0.63)	23.0 (0.92)	23.5 (0.80)	16.3 (0.78)	7.8 ! (0.75)							
Turkey.....	445 (4.4)	17.7 (1.35)	24.5 (1.11)	25.2 (1.18)	17.4 (1.07)	9.6 (0.90)	4.4 (0.91)	1.3 (0.46)							
United Kingdom.....	492 (2.4)	6.2 (0.46)	14.0 (0.71)	24.9 (0.88)	27.2 (1.10)	17.9 (0.96)	8.1 (0.63)	1.8 (0.27)							
United States.....	487 (3.6)	8.1 (0.72)	15.3 (0.98)	24.4 (0.97)	25.2 (0.95)	17.1 (0.93)	8.0 (0.85)	1.9 (0.46)							

See notes at end of table.

**Table 465. Average mathematics scores and percentage distribution of 15-year-old students scoring at each mathematics literacy proficiency level, by country: 2009—Continued**  
[Standard errors appear in parentheses]

Country or other jurisdiction	Average mathematics score	Percentage distribution at levels of mathematics proficiency <sup>1</sup>													
		Below level 1		Level 1		Level 2		Level 3		Level 4		Level 5		Level 6	
1	2	3		4		5		6		7		8		9	
<b>Non-OECD education systems</b>															
Albania .....	377 (4.0)	40.5 (1.76)	27.2 (1.22)	20.2 (1.25)	9.1 (0.85)	2.6 (0.58)	0.4 (0.16)	# (†)							
Argentina .....	388 (4.1)	37.2 (1.75)	26.4 (1.11)	20.8 (1.09)	10.9 (0.95)	3.9 (0.66)	0.8 (0.26)	† (†)							
Azerbaijan .....	431 (2.8)	11.5 (0.96)	33.8 (1.24)	35.3 (1.29)	14.8 (1.04)	3.6 (0.51)	0.9 (0.34)	† (†)							
Brazil .....	386 (2.4)	38.1 (1.25)	31.0 (0.91)	19.0 (0.75)	8.1 (0.64)	3.0 (0.32)	0.7 (0.19)	† (†)							
Bulgaria.....	428 (5.9)	24.5 (1.91)	22.7 (1.08)	23.4 (1.11)	17.5 (1.36)	8.2 (0.90)	3.0 (0.70)	0.8 ! (0.36)							
Colombia.....	381 (3.2)	38.8 (2.02)	31.6 (1.30)	20.3 (1.28)	7.5 (0.66)	1.6 (0.33)	† (†)	# (†)							
Croatia .....	460 (3.1)	12.4 (0.85)	20.8 (0.94)	26.7 (0.83)	22.7 (0.97)	12.5 (0.84)	4.3 (0.51)	0.6 ! (0.22)							
Dubai (United Arab Emirates) .....	453 (1.1)	17.6 (0.49)	21.2 (0.59)	23.0 (0.79)	19.6 (0.63)	12.1 (0.55)	5.3 (0.39)	1.2 (0.19)							
Hong Kong-China .....	555 (2.7)	2.6 (0.40)	6.2 (0.53)	13.2 (0.67)	21.9 (0.84)	25.4 (0.91)	19.9 (0.82)	10.8 (0.78)							
Indonesia .....	371 (3.7)	43.5 (2.21)	33.1 (1.54)	16.9 (1.14)	5.4 (0.91)	0.9 ! (0.32)	† (†)	† (†)							
Jordan .....	387 (3.7)	35.4 (1.67)	29.9 (1.20)	22.9 (1.03)	9.5 (0.94)	2.1 (0.44)	† (†)	# (†)							
Kazakhstan .....	405 (3.0)	29.6 (1.31)	29.6 (0.94)	23.5 (0.88)	12.0 (0.80)	4.2 (0.48)	0.9 ! (0.29)	† (†)							
Kyrgyzstan .....	331 (2.9)	64.8 (1.43)	21.8 (0.98)	9.3 (0.76)	3.3 (0.51)	0.7 ! (0.24)	# (†)	† (†)							
Latvia .....	482 (3.1)	5.8 (0.69)	16.7 (1.15)	27.2 (1.04)	28.2 (1.08)	16.4 (1.01)	5.1 (0.50)	0.6 (0.15)							
Liechtenstein.....	536 (4.1)	3.0 ! (0.99)	6.5 (1.61)	15.0 (2.18)	26.2 (2.26)	31.2 (3.25)	13.0 (2.45)	5.0 (1.42)							
Lithuania .....	477 (2.6)	9.0 (0.79)	17.3 (0.85)	26.1 (1.10)	25.3 (0.98)	15.4 (0.77)	5.7 (0.56)	1.3 (0.26)							
Macao-China .....	525 (0.9)	2.8 (0.25)	8.2 (0.46)	19.6 (0.58)	27.8 (0.90)	24.5 (0.78)	12.8 (0.43)	4.3 (0.28)							
Montenegro.....	403 (2.0)	29.6 (1.07)	28.8 (1.00)	24.6 (1.04)	12.2 (0.68)	3.8 (0.35)	0.9 (0.20)	† (†)							
Panama.....	360 (5.2)	51.5 (2.90)	27.3 (1.72)	13.9 (1.51)	5.6 (0.92)	1.4 (0.36)	† (†)	# (†)							
Peru .....	365 (4.0)	47.6 (1.81)	25.9 (1.16)	16.9 (1.26)	6.8 (0.70)	2.1 (0.43)	0.5 ! (0.18)	† (†)							
Qatar .....	368 (0.7)	51.1 (0.56)	22.7 (0.64)	13.1 (0.48)	7.2 (0.35)	4.2 (0.25)	1.5 (0.17)	0.3 (0.08)							
Romania .....	427 (3.4)	19.5 (1.42)	27.5 (1.15)	28.6 (1.39)	17.3 (1.02)	5.9 (0.77)	1.2 (0.33)	† (†)							
Russian Federation .....	468 (3.3)	9.5 (0.92)	19.0 (1.16)	28.5 (1.03)	25.0 (1.00)	12.7 (0.87)	4.3 (0.57)	1.0 (0.27)							
Serbia .....	442 (2.9)	17.6 (1.04)	22.9 (0.84)	26.5 (1.07)	19.9 (0.97)	9.5 (0.62)	2.9 (0.41)	0.6 (0.18)							
Shanghai-China .....	600 (2.8)	1.4 (0.26)	3.4 (0.38)	8.7 (0.63)	15.2 (0.79)	20.8 (0.79)	23.8 (0.80)	26.6 (1.19)							
Singapore .....	562 (1.4)	3.0 (0.26)	6.8 (0.57)	13.1 (0.56)	18.7 (0.80)	22.8 (0.62)	20.0 (0.87)	15.6 (0.63)							
Chinese Taipei .....	543 (3.4)	4.2 (0.48)	8.6 (0.65)	15.5 (0.68)	20.9 (0.88)	22.2 (0.86)	17.2 (0.92)	11.3 (1.16)							
Thailand .....	419 (3.2)	22.1 (1.37)	30.4 (0.92)	27.3 (1.09)	14.0 (0.85)	4.9 (0.57)	1.0 (0.27)	† (†)							
Trinidad and Tobago.....	414 (1.3)	30.1 (0.79)	23.1 (0.97)	21.2 (0.89)	15.4 (0.63)	7.7 (0.44)	2.1 (0.25)	0.3 ! (0.15)							
Tunisia .....	371 (3.0)	43.4 (1.66)	30.2 (1.46)	18.7 (0.90)	6.1 (0.69)	1.3 ! (0.44)	† (†)	# (†)							
Uruguay .....	427 (2.6)	22.9 (1.16)	24.6 (1.08)	25.1 (0.99)	17.0 (0.73)	7.9 (0.55)	2.1 (0.34)	0.3 ! (0.12)							

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Level 1: Able to answer questions involving familiar contexts where all relevant information is present and the questions are clearly defined. Level 2: Able to interpret and recognize situations in contexts that require no more than direct inference; extract relevant information from a single source; employ basic algorithms, formulae, procedures, or conventions; and employ direct reasoning for literal interpretations of results. Level 3: Able to execute clearly described procedures; select and apply simple problem-solving strategies; interpret and use representations based on different information sources; and develop short communications reporting one's interpretations, results, and reasoning. Level 4: Able to work effectively with explicit models for complex concrete situations that may involve constraints or call for making assumptions, select and integrate different representations, reason with some insight, and construct and communicate explanations and arguments based on one's interpretations and actions. Level 5: Able to develop

and work with models for complex situations; select and evaluate appropriate problem-solving strategies; work strategically using broad, well-developed thinking and reasoning skills; and communicate one's interpretations and reasoning. Level 6: Able to conceptualize, generalize, and utilize information; link different information sources and representations; perform advanced mathematical thinking and reasoning; develop new approaches and strategies for attacking novel situations; and formulate and precisely communicate actions and reflections regarding findings and interpretations.

<sup>2</sup>Illustrates how a country compares with the OECD area as a whole. Computed by taking the OECD countries as a single entity to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

<sup>3</sup>Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

NOTE: PISA scores are reported on a scale from 0 to 1,000. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2009, *PISA 2009 Results: What Students Know and Can Do—Student Performance in Reading, Mathematics and Science (Volume I)*. (This table was prepared December 2010.)

**Table 466. Average science scores and percentage distribution of 15-year-old students scoring at each science literacy proficiency level, by country: 2009**

[Standard errors appear in parentheses]

			Percentage distribution at levels of science proficiency <sup>1</sup>													
Country or other jurisdiction	Average science score		Below Level 1		Level 1		Level 2		Level 3		Level 4		Level 5		Level 6	
1	2		3		4		5		6		7		8		9	
OECD total <sup>2</sup> .....	496	(1.2)	5.4	(0.19)	14.6	(0.32)	24.8	(0.28)	27.1	(0.25)	19.6	(0.32)	7.3	(0.25)	1.1	(0.10)
OECD average <sup>3</sup> .....	501	(0.5)	5.0	(0.10)	13.0	(0.14)	24.4	(0.16)	28.6	(0.17)	20.6	(0.16)	7.4	(0.10)	1.1	(0.04)
Australia.....	527	(2.5)	3.4	(0.27)	9.2	(0.48)	20.0	(0.59)	28.4	(0.65)	24.5	(0.66)	11.5	(0.58)	3.1	(0.50)
Austria.....	494	(3.2)	6.7	(0.83)	14.3	(0.99)	23.8	(1.00)	26.6	(1.04)	20.6	(1.03)	7.1	(0.61)	1.0	(0.19)
Belgium.....	507	(2.5)	6.4	(0.57)	11.7	(0.61)	20.7	(0.65)	27.2	(0.76)	24.0	(0.82)	9.0	(0.59)	1.1	(0.19)
Canada.....	529	(1.6)	2.0	(0.21)	7.5	(0.37)	20.9	(0.49)	31.2	(0.62)	26.2	(0.65)	10.5	(0.45)	1.6	(0.15)
Chile.....	447	(2.9)	8.4	(0.83)	23.9	(1.07)	35.2	(0.94)	23.6	(1.07)	7.9	(0.69)	1.1	(0.22)	#	(†)
Czech Republic.....	500	(3.0)	4.7	(0.57)	12.6	(0.90)	25.6	(0.97)	28.8	(1.25)	19.9	(0.87)	7.2	(0.58)	1.2	(0.22)
Denmark.....	499	(2.5)	4.1	(0.42)	12.5	(0.65)	26.0	(0.77)	30.6	(1.07)	20.1	(0.85)	5.9	(0.55)	0.9	(0.23)
Estonia.....	528	(2.7)	1.3	(0.31)	7.0	(0.72)	21.3	(1.07)	34.3	(1.10)	25.7	(1.07)	9.0	(0.63)	1.4	(0.26)
Finland.....	554	(2.3)	1.1	(0.19)	4.9	(0.41)	15.3	(0.73)	28.8	(0.95)	31.2	(1.08)	15.4	(0.74)	3.3	(0.34)
France.....	498	(3.6)	7.1	(0.82)	12.2	(0.83)	22.1	(1.25)	28.8	(1.32)	21.7	(1.02)	7.3	(0.70)	0.8	(0.22)
Germany.....	520	(2.8)	4.1	(0.51)	10.7	(0.81)	20.1	(0.86)	27.3	(1.08)	25.0	(1.18)	10.9	(0.68)	1.9	(0.29)
Greece.....	470	(4.0)	7.2	(1.07)	18.1	(1.04)	29.8	(0.96)	27.9	(1.20)	14.0	(0.95)	2.8	(0.31)	0.3 !	(0.11)
Hungary.....	503	(3.1)	3.8	(0.93)	10.4	(0.86)	25.5	(1.13)	33.2	(1.32)	21.8	(1.19)	5.1	(0.55)	0.3 !	(0.13)
Iceland.....	496	(1.4)	5.5	(0.48)	12.5	(0.63)	25.8	(0.75)	30.4	(0.94)	18.8	(0.84)	6.1	(0.43)	0.8	(0.19)
Ireland.....	508	(3.3)	4.4	(0.69)	10.7	(1.01)	23.3	(1.17)	29.9	(0.99)	22.9	(0.95)	7.5	(0.68)	1.2	(0.23)
Israel.....	455	(3.1)	13.9	(1.06)	19.2	(0.72)	26.0	(1.04)	24.1	(0.76)	12.8	(0.72)	3.5	(0.36)	0.5	(0.13)
Italy.....	489	(1.8)	6.1	(0.39)	14.5	(0.50)	25.5	(0.63)	29.5	(0.54)	18.6	(0.53)	5.3	(0.29)	0.5	(0.07)
Japan.....	539	(3.4)	3.2	(0.52)	7.5	(0.68)	16.3	(0.87)	26.6	(0.83)	29.5	(0.98)	14.4	(0.73)	2.6	(0.39)
Korea, Republic of.....	538	(3.4)	1.1	(0.32)	5.2	(0.68)	18.5	(1.15)	33.1	(1.13)	30.4	(1.14)	10.5	(0.90)	1.1	(0.31)
Luxembourg.....	484	(1.2)	8.4	(0.52)	15.3	(0.88)	24.3	(0.69)	27.1	(0.87)	18.2	(0.91)	6.0	(0.49)	0.7	(0.12)
Mexico.....	416	(1.8)	14.5	(0.60)	32.8	(0.64)	33.6	(0.60)	15.8	(0.61)	3.1	(0.27)	0.2	(0.05)	#	(†)
Netherlands.....	522	(5.4)	2.6	(0.53)	10.6	(1.33)	21.8	(1.53)	26.9	(1.07)	25.3	(1.69)	11.2	(1.10)	1.5	(0.30)
New Zealand.....	532	(2.6)	4.0	(0.53)	9.4	(0.52)	18.1	(1.01)	25.8	(0.88)	25.1	(0.74)	14.0	(0.72)	3.6	(0.36)
Norway.....	500	(2.6)	3.8	(0.48)	11.9	(0.92)	26.6	(0.95)	31.1	(0.71)	20.1	(0.82)	5.9	(0.65)	0.5 !	(0.16)
Poland.....	508	(2.4)	2.3	(0.33)	10.9	(0.69)	26.1	(0.80)	32.1	(0.81)	21.2	(0.97)	6.8	(0.49)	0.8	(0.19)
Portugal.....	493	(2.9)	3.0	(0.35)	13.5	(0.92)	28.9	(1.08)	32.3	(1.08)	18.1	(1.00)	3.9	(0.51)	0.3 !	(0.13)
Slovak Republic.....	490	(3.0)	5.0	(0.58)	14.2	(0.89)	27.6	(1.03)	29.2	(0.95)	17.7	(0.85)	5.6	(0.53)	0.7	(0.20)
Slovenia.....	512	(1.1)	3.1	(0.22)	11.7	(0.45)	23.7	(0.66)	28.7	(1.05)	23.0	(0.72)	8.7	(0.61)	1.2	(0.27)
Spain.....	488	(2.1)	4.6	(0.37)	13.6	(0.75)	27.9	(0.67)	32.3	(0.69)	17.6	(0.57)	3.7	(0.26)	0.2	(0.05)
Sweden.....	495	(2.7)	5.8	(0.51)	13.4	(0.75)	25.6	(0.80)	28.4	(0.84)	18.7	(0.86)	7.1	(0.56)	1.0	(0.22)
Switzerland.....	517	(2.8)	3.5	(0.31)	10.6	(0.58)	21.3	(1.09)	29.8	(1.02)	24.1	(1.03)	9.2	(0.73)	1.5	(0.23)
Turkey.....	454	(3.6)	6.9	(0.81)	23.0	(1.13)	34.5	(1.16)	25.2	(1.24)	9.1	(1.13)	1.1	(0.29)	#	(†)
United Kingdom.....	514	(2.5)	3.8	(0.34)	11.2	(0.68)	22.7	(0.73)	28.8	(0.97)	22.2	(0.83)	9.5	(0.61)	1.9	(0.25)
United States.....	502	(3.6)	4.2	(0.54)	13.9	(0.93)	25.0	(0.87)	27.5	(0.80)	20.1	(0.94)	7.9	(0.78)	1.3	(0.28)

See notes at end of table.

**Table 466. Average science scores and percentage distribution of 15-year-old students scoring at each science literacy proficiency level, by country: 2009—Continued**

[Standard errors appear in parentheses]

Country or other jurisdiction	Average science score	Percentage distribution at levels of science proficiency <sup>1</sup>							
		Below Level 1	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	
1	2	3	4	5	6	7	8	9	
<b>Non-OECD education systems</b>									
Albania.....	391 (3.9)	26.3 (1.55)	31.0 (1.28)	27.7 (1.24)	12.9 (1.34)	2.0 (0.38)	‡ (†)	‡ (†)	
Argentina.....	401 (4.6)	25.2 (1.70)	27.2 (1.37)	26.7 (1.20)	15.4 (1.12)	4.8 (0.69)	0.6 (0.18)	# (†)	
Azerbaijan.....	373 (3.1)	31.5 (1.68)	38.5 (1.13)	22.4 (1.07)	6.7 (0.76)	0.8 (0.22)	# (†)	‡ (†)	
Brazil.....	405 (2.4)	19.7 (0.90)	34.5 (0.99)	28.8 (0.90)	12.6 (0.81)	3.9 (0.38)	0.6 (0.11)	# (†)	
Bulgaria.....	439 (5.9)	16.5 (1.63)	22.3 (1.55)	26.6 (1.31)	21.0 (1.36)	10.9 (1.01)	2.4 (0.48)	‡ (†)	
Colombia.....	402 (3.6)	20.4 (1.81)	33.7 (1.23)	30.2 (1.40)	13.1 (1.04)	2.5 (0.34)	0.1 ! (0.05)	# (†)	
Croatia.....	486 (2.8)	3.6 (0.47)	14.9 (0.99)	30.0 (1.07)	31.1 (1.03)	16.7 (0.98)	3.5 (0.57)	‡ (†)	
Dubai (United Arab Emirates).....	466 (1.2)	11.0 (0.47)	19.5 (0.57)	26.0 (0.78)	22.9 (0.73)	14.9 (0.59)	4.8 (0.35)	0.8 (0.21)	
Hong Kong-China.....	549 (2.8)	1.4 (0.31)	5.2 (0.61)	15.1 (0.73)	29.4 (0.99)	32.7 (0.99)	14.2 (0.94)	2.0 (0.30)	
Indonesia.....	383 (3.8)	24.6 (1.77)	41.0 (1.54)	27.0 (1.55)	6.9 (1.01)	0.5 ! (0.22)	# (†)	‡ (†)	
Jordan.....	415 (3.5)	18.0 (1.20)	27.6 (1.13)	32.2 (1.21)	17.6 (1.12)	4.1 (0.51)	0.5 ! (0.18)	# (†)	
Kazakhstan.....	400 (3.1)	22.4 (1.31)	33.0 (1.08)	27.9 (1.14)	12.8 (0.82)	3.6 (0.62)	0.3 ! (0.16)	# (†)	
Kyrgyzstan.....	330 (2.9)	52.9 (1.32)	29.0 (0.94)	13.3 (0.76)	4.0 (0.54)	0.7 (0.20)	# (†)	‡ (†)	
Latvia.....	494 (3.1)	2.3 (0.56)	12.5 (1.00)	29.1 (1.07)	35.5 (1.16)	17.6 (1.06)	3.0 (0.47)	‡ (†)	
Liechtenstein.....	520 (3.4)	‡ (†)	9.9 (1.94)	23.8 (3.07)	29.8 (3.67)	25.4 (2.67)	9.0 (1.74)	‡ (†)	
Lithuania.....	491 (2.9)	3.5 (0.65)	13.5 (0.77)	28.9 (1.02)	32.4 (1.18)	17.0 (0.84)	4.3 (0.41)	0.4 ! (0.13)	
Macao-China.....	511 (1.0)	1.5 (0.21)	8.1 (0.36)	25.2 (0.77)	37.8 (0.74)	22.7 (0.98)	4.5 (0.47)	0.2 ! (0.08)	
Montenegro.....	401 (2.0)	22.2 (1.01)	31.4 (0.98)	29.4 (1.04)	13.6 (0.79)	3.1 (0.39)	‡ (†)	‡ (†)	
Panama.....	376 (5.7)	32.8 (2.74)	32.4 (1.96)	23.2 (1.93)	9.3 (1.19)	2.2 (0.46)	‡ (†)	‡ (†)	
Peru.....	369 (3.5)	35.3 (1.50)	33.0 (1.29)	21.7 (1.21)	8.0 (0.79)	1.8 (0.37)	‡ (†)	# (†)	
Qatar.....	379 (0.9)	36.4 (0.58)	28.8 (0.54)	18.8 (0.56)	9.8 (0.30)	4.8 (0.23)	1.3 (0.14)	0.1 ! (0.05)	
Romania.....	428 (3.4)	11.9 (1.13)	29.5 (1.57)	34.1 (1.73)	19.7 (1.18)	4.4 (0.59)	0.4 ! (0.12)	# (†)	
Russian Federation.....	478 (3.3)	5.5 (0.67)	16.5 (1.06)	30.7 (1.14)	29.0 (1.15)	13.9 (0.91)	3.9 (0.50)	0.4 ! (0.17)	
Serbia.....	443 (2.4)	10.1 (0.82)	24.3 (0.96)	33.9 (1.17)	23.6 (0.75)	7.1 (0.57)	1.0 (0.18)	# (†)	
Shanghai-China.....	575 (2.3)	0.4 (0.11)	2.8 (0.36)	10.5 (0.66)	26.0 (0.99)	36.1 (1.12)	20.4 (0.96)	3.9 (0.45)	
Singapore.....	542 (1.4)	2.8 (0.24)	8.7 (0.52)	17.5 (0.58)	25.4 (0.83)	25.7 (0.70)	15.3 (0.67)	4.6 (0.50)	
Chinese Taipei.....	520 (2.6)	2.2 (0.34)	8.9 (0.60)	21.1 (0.91)	33.3 (1.04)	25.8 (1.10)	8.0 (0.74)	0.8 (0.22)	
Thailand.....	425 (3.0)	12.2 (1.10)	30.6 (1.01)	34.7 (1.34)	17.5 (0.95)	4.4 (0.51)	0.6 ! (0.27)	# (†)	
Trinidad and Tobago.....	410 (1.2)	25.1 (0.87)	24.9 (0.92)	25.2 (0.88)	16.0 (0.79)	7.1 (0.40)	1.8 (0.23)	‡ (†)	
Tunisia.....	401 (2.7)	21.3 (1.17)	32.4 (1.08)	30.9 (1.00)	13.0 (0.85)	2.2 (0.43)	‡ (†)	# (†)	
Uruguay.....	427 (2.6)	17.0 (0.94)	25.6 (0.86)	29.3 (1.01)	19.5 (1.02)	7.1 (0.51)	1.4 (0.22)	0.1 ! (0.04)	

†Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Level 1: Able to present scientific explanations that are obvious and that follow explicitly from given evidence. Level 2: Able to provide possible explanations in familiar contexts, draw conclusions based on simple investigations, and make literal interpretations of the results of scientific inquiry or technological problem solving. Level 3: Able to select facts to explain phenomena and apply simple models or inquiry strategies, develop short statements using facts, and make decisions based on scientific knowledge. Level 4: Able to select and integrate explanations from different disciplines of science or technology, link those explanations directly to aspects of life situations, and communicate decisions using scientific knowledge and evidence. Level 5: Able to apply scientific concepts and knowledge to many complex life situations, select and evaluate appropriate scientific evidence, bring critical insights to situations, and

construct explanations based on evidence and arguments based on critical analysis. Level 6: Able to consistently explain and apply scientific knowledge in a variety of complex life situations; use evidence from different sources to justify decisions; clearly and consistently demonstrate advanced scientific thinking and reasoning; and develop arguments in support of recommendations and decisions that center on personal, social, or global situations.

<sup>2</sup>Illustrates how a country compares with the OECD area as a whole. Computed by taking the OECD countries as a single entity to which each country contributes in proportion to the number of 15-year-olds enrolled in its schools.

<sup>3</sup>Refers to the mean of the data values for all OECD countries, to which each country contributes equally, regardless of the absolute size of the student population of each country.

NOTE: PISA scores are reported on a scale from 0 to 1,000. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Program for International Student Assessment (PISA), 2009, *PISA 2009 Results: What Students Know and Can Do—Student Performance in Reading, Mathematics and Science (Volume I)*. (This table was prepared December 2010.)

**Table 467. Percentage of the population 25 to 64 years old who completed high school, by age group and country: Selected years, 2001 through 2010**  
 [Standard errors appear in parentheses]

Country	2001		2005		2009		2010					
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	
1	2	3	4	5	6	7	8	9	10	11	12	
OECD average <sup>1</sup> .....	64.2	74.0	72.8	82.6	73.3 (0.03)	81.5 (0.06)	74.0 (0.03)	81.9 (0.06)	77.8 (0.06)	71.6 (0.07)	62.3 (0.08)	
Australia.....	58.9	70.7	65.0	78.6	71.0 (0.29)	82.9 (0.49)	73.2 (0.41)	84.8 (0.62)	76.6 (0.74)	69.2 (0.86)	58.4 (1.12)	
Austria <sup>2,3</sup> .....	75.7	83.3	80.6	87.5	81.9 (0.12)	88.4 (0.22)	82.5 (0.12)	88.0 (0.23)	85.8 (0.21)	81.6 (0.22)	73.0 (0.30)	
Belgium <sup>2</sup> .....	58.5	75.3	66.1	80.9	70.6 (0.19)	83.1 (0.33)	70.5 (0.19)	82.1 (0.34)	78.4 (0.33)	66.2 (0.37)	54.5 (0.42)	
Canada.....	81.9	89.3	85.2	90.8	87.6 (0.12)	92.0 (0.20)	88.4 (0.12)	92.2 (0.20)	91.2 (0.20)	87.6 (0.22)	82.1 (0.30)	
Chile <sup>4</sup> .....	—	—	50.0	64.3	69.0 (0.19)	85.6 (0.24)	71.4 (0.19)	86.6 (0.24)	75.8 (0.28)	66.7 (0.32)	53.3 (0.41)	
Czech Republic.....	86.2	92.5	89.9	93.9	91.4 (0.08)	94.2 (0.14)	91.9 (0.08)	94.2 (0.14)	95.1 (0.12)	91.6 (0.16)	86.3 (0.18)	
Denmark.....	80.2	86.3	81.0	87.4	76.3 (0.17)	85.7 (0.43)	75.7 (0.17)	79.8 (0.42)	80.9 (0.34)	73.8 (0.32)	68.5 (0.31)	
Estonia.....	—	—	89.1	87.4	88.9 (0.31)	86.3 (0.73)	89.1 (0.30)	86.4 (0.73)	90.8 (0.53)	93.7 (0.44)	85.0 (0.71)	
Finland.....	73.8	86.8	78.8	89.4	82.0 (0.12)	90.4 (0.21)	83.0 (0.12)	90.8 (0.20)	89.0 (0.21)	84.6 (0.23)	69.6 (0.28)	
France <sup>5</sup> .....	63.9	78.4	66.3	81.1	70.0 (0.10)	83.9 (0.17)	70.8 (0.09)	83.8 (0.16)	77.1 (0.16)	66.8 (0.18)	55.6 (0.19)	
Germany.....	82.6	85.5	83.1	84.1	85.5 (0.06)	86.0 (0.13)	85.8 (0.06)	86.5 (0.12)	86.8 (0.11)	86.5 (0.10)	83.1 (0.13)	
Greece.....	51.4	72.6	57.1	73.6	61.2 (0.12)	74.9 (0.23)	65.2 (0.12)	78.9 (0.21)	72.4 (0.22)	61.8 (0.23)	43.8 (0.25)	
Hungary.....	70.2	80.9	76.4	85.0	80.6 (0.10)	86.0 (0.18)	81.3 (0.10)	86.3 (0.19)	83.2 (0.19)	80.5 (0.20)	74.5 (0.21)	
Iceland.....	56.9	61.2	62.9	69.0	65.9 (0.50)	70.0 (0.93)	66.5 (0.50)	72.4 (0.92)	71.8 (1.00)	64.4 (0.96)	55.0 (1.10)	
Ireland.....	57.6	73.4	64.5	81.1	71.5 (0.12)	85.8 (0.18)	73.5 (0.12)	86.9 (0.18)	79.5 (0.21)	67.3 (0.27)	50.5 (0.32)	
Israel.....	—	—	79.2	85.7	81.8 (0.15)	87.4 (0.25)	82.1 (0.15)	88.1 (0.24)	84.1 (0.29)	78.2 (0.34)	73.9 (0.38)	
Italy.....	43.3	57.5	50.1	65.9	54.3 (0.08)	70.3 (0.17)	55.2 (0.08)	71.0 (0.18)	59.2 (0.16)	51.1 (0.16)	38.2 (0.16)	
Japan.....	83.1	93.6	—	—	(†)	(†)	(†)	(†)	(†)	(†)	(†)	
Korea, Republic of.....	68.0	94.6	75.5	97.3	79.9 (0.20)	97.5 (0.15)	80.4 (0.20)	97.8 (0.14)	94.9 (0.20)	73.4 (0.43)	42.9 (0.63)	
Luxembourg.....	52.7	59.4	65.9	76.5	77.3 (0.41)	83.8 (0.80)	77.7 (0.40)	84.0 (0.80)	80.5 (0.71)	74.7 (0.78)	69.1 (0.96)	
Mexico.....	21.6	25.4	21.3	24.0	35.2 (0.06)	41.9 (0.12)	36.2 (0.06)	43.6 (0.12)	37.3 (0.12)	33.4 (0.13)	22.7 (0.15)	
Netherlands <sup>2,5</sup> .....	65.0	74.0	71.8	81.3	73.4 (0.09)	82.4 (0.17)	73.0 (0.09)	82.7 (0.18)	77.9 (0.17)	71.0 (0.17)	60.8 (0.21)	
New Zealand.....	75.7	81.8	78.7	85.2	72.2 (0.43)	79.3 (0.84)	73.0 (0.37)	79.4 (0.73)	76.6 (0.67)	72.0 (0.71)	62.5 (0.83)	
Norway <sup>2</sup> .....	85.2	93.4	77.2	83.5	80.7 (0.16)	83.6 (0.33)	80.6 (0.16)	83.0 (0.34)	83.2 (0.29)	77.7 (0.34)	78.6 (0.34)	
Poland.....	45.9	51.7	51.4	62.5	88.0 (0.10)	93.5 (0.15)	88.7 (0.07)	93.7 (0.10)	91.8 (0.12)	88.8 (0.13)	79.2 (0.16)	
Portugal.....	19.9	32.5	26.5	42.8	29.9 (0.16)	48.2 (0.38)	31.9 (0.16)	52.1 (0.39)	33.9 (0.32)	22.3 (0.26)	15.7 (0.24)	
Slovak Republic.....	85.1	93.7	85.7	93.0	90.9 (0.12)	94.8 (0.19)	91.0 (0.12)	94.1 (0.20)	94.1 (0.20)	90.6 (0.24)	83.3 (0.29)	
Slovenia.....	—	—	80.3	91.2	83.3 (0.19)	93.5 (0.27)	83.3 (0.19)	93.5 (0.27)	85.6 (0.39)	80.8 (0.37)	72.2 (0.46)	
Spain.....	40.0	57.1	48.8	63.9	51.8 (0.08)	64.1 (0.16)	52.9 (0.08)	64.7 (0.16)	59.5 (0.15)	47.7 (0.16)	32.3 (0.16)	
Sweden.....	80.6	90.7	83.6	90.6	85.8 (0.09)	91.2 (0.16)	86.5 (0.08)	91.1 (0.13)	91.3 (0.12)	86.7 (0.15)	76.9 (0.18)	
Switzerland.....	87.4	91.8	83.0	87.9	86.9 (0.19)	90.0 (0.36)	86.1 (0.12)	90.2 (0.24)	87.5 (0.21)	85.3 (0.23)	81.0 (0.27)	
Turkey.....	24.3	30.2	27.2	35.7	31.1 (0.09)	41.6 (0.18)	31.2 (0.09)	42.2 (0.18)	28.3 (0.17)	24.3 (0.17)	18.8 (0.19)	
United Kingdom <sup>3,5</sup> .....	63.0	68.0	66.7	72.9	73.7 (0.09)	81.6 (0.17)	75.1 (0.18)	82.9 (0.35)	77.6 (0.35)	73.7 (0.36)	64.9 (0.41)	
United States.....	87.7	88.1	87.8	86.7	88.6 (0.12)	88.3 (0.19)	89.0 (0.14)	88.4 (0.24)	88.3 (0.24)	89.6 (0.23)	89.6 (0.25)	
Other reporting countries												
Brazil <sup>4</sup> .....	—	—	29.5	38.0	40.7 (0.11)	52.5 (0.19)	— (†)	— (†)	— (†)	— (†)	— (†)	
Russian Federation <sup>6</sup> .....	88.0	91.0	—	—	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	

—Not available.

†Not applicable.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Data from 2000 reported for 2001.

<sup>3</sup>Data in 2005 columns include some International Standard Classification of Education (ISCED) 3C short programs.

<sup>4</sup>Data from 2004 reported for 2005.

<sup>5</sup>Data in 2001 columns include some ISCED 3C short programs.

<sup>6</sup>Data from 2002 reported for 2001.

NOTE: Data in this table refer to degrees classified as International Standard Classification of Education (ISCED) level 3. ISCED level 3 corresponds to high school completion in the United States. ISCED 3C short programs do not correspond to high school completion; these short programs are excluded from this table except where otherwise noted. Standard errors are not available for 2001 and 2005.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2002, 2007, 2011, and 2012. (This table was prepared June 2012.)

Table 468. Percentage of the population 25 to 64 years old who attained selected levels of postsecondary education, by age group and country: 2001 and 2010

[Standard errors appear in parentheses]

Country	Total, any postsecondary degree				2010										
	2001		2010		Vocational degree <sup>1</sup>						Bachelor's or higher degree <sup>2</sup>				
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	Total, 25 to 64 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
OECD average <sup>3</sup> .....	22.6	27.3	30.7 (0.05)	37.8 (0.10)	10.2 (0.03)	10.9 (0.07)	11.7 (0.07)	10.1 (0.07)	8.5 (0.07)	22.0 (0.04)	28.5 (0.09)	23.6 (0.08)	18.9 (0.08)	15.9 (0.08)	
Australia.....	29.0	33.5	37.6 (0.45)	44.4 (0.85)	10.7 (0.29)	10.2 (0.52)	11.2 (0.55)	11.0 (0.58)	10.1 (0.69)	26.9 (0.41)	34.2 (0.81)	28.4 (0.79)	23.8 (0.79)	19.5 (0.90)	
Austria.....	14.1	14.3	19.3 (0.26)	20.8 (0.54)	7.3 (0.19)	5.4 (0.29)	7.4 (0.32)	8.2 (0.28)	8.1 (0.44)	12.0 (0.25)	15.4 (0.49)	13.4 (0.39)	10.4 (0.40)	8.4 (0.43)	
Belgium.....	27.6	37.5	35.0 (0.20)	43.8 (0.44)	17.8 (0.16)	20.5 (0.36)	19.9 (0.32)	16.4 (0.29)	14.1 (0.29)	17.2 (0.16)	23.3 (0.37)	19.5 (0.32)	14.5 (0.28)	11.5 (0.27)	
Canada.....	41.6	50.5	50.6 (0.23)	56.5 (0.43)	24.2 (0.17)	25.8 (0.38)	26.1 (0.30)	24.1 (0.26)	20.4 (0.28)	26.4 (0.22)	30.7 (0.42)	30.7 (0.38)	22.7 (0.32)	21.8 (0.34)	
Chile <sup>4</sup> .....	10.1	12.3	26.8 (0.18)	38.5 (0.34)	10.3 (0.13)	13.1 (0.23)	12.8 (0.22)	9.3 (0.20)	4.9 (0.18)	16.5 (0.15)	25.4 (0.30)	14.7 (0.23)	12.1 (0.22)	14.0 (0.28)	
Czech Republic <sup>5</sup> .....	11.1	11.3	16.8 (0.10)	22.6 (0.25)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	16.8 (0.10)	22.6 (0.25)	16.3 (0.21)	15.9 (0.21)	11.5 (0.16)	
Denmark.....	26.8	27.5	33.3 (0.19)	37.6 (0.50)	6.3 (0.10)	6.2 (0.25)	7.1 (0.22)	6.5 (0.18)	5.2 (0.15)	27.0 (0.17)	31.4 (0.48)	29.7 (0.39)	24.7 (0.31)	22.7 (0.28)	
Estonia.....	—	—	35.3 (0.79)	37.8 (1.73)	13.3 (0.55)	14.0 (1.24)	12.2 (0.91)	15.1 (1.07)	11.7 (1.02)	21.9 (0.71)	23.8 (1.59)	21.0 (1.34)	23.4 (1.30)	18.9 (1.29)	
Finland.....	32.3	38.2	38.1 (0.24)	39.2 (0.52)	14.7 (0.18)	2.5 (0.17)	18.4 (0.42)	20.7 (0.40)	16.2 (0.35)	23.5 (0.21)	36.7 (0.52)	27.3 (0.48)	18.3 (0.39)	13.8 (0.32)	
France.....	23.0	34.2	29.0 (0.09)	42.9 (0.21)	11.5 (0.06)	16.9 (0.16)	13.7 (0.13)	9.1 (0.11)	6.4 (0.09)	17.5 (0.08)	26.0 (0.19)	20.0 (0.16)	12.6 (0.13)	11.9 (0.12)	
Germany.....	23.2	21.8	26.6 (0.08)	26.1 (0.19)	9.6 (0.05)	7.2 (0.10)	9.9 (0.11)	10.9 (0.11)	9.9 (0.12)	17.0 (0.07)	18.9 (0.16)	18.2 (0.14)	15.7 (0.13)	15.5 (0.14)	
Greece.....	17.8	24.0	24.6 (0.33)	30.9 (0.59)	7.2 (0.16)	10.9 (0.34)	8.1 (0.31)	5.8 (0.28)	3.2 (0.22)	17.5 (0.29)	20.0 (0.51)	18.4 (0.49)	17.4 (0.49)	13.3 (0.43)	
Hungary.....	14.1	14.7	20.1 (0.10)	26.0 (0.24)	0.6 (0.02)	1.4 (0.06)	— (†)	— (†)	— (†)	19.6 (0.10)	24.7 (0.24)	18.6 (0.20)	18.1 (0.19)	16.4 (0.18)	
Iceland.....	24.8	26.6	32.5 (0.50)	36.2 (0.99)	3.8 (0.20)	2.2 (0.30)	5.6 (0.51)	4.2 (0.40)	3.2 (0.39)	28.7 (0.48)	34.0 (0.98)	33.2 (1.04)	26.3 (0.89)	19.3 (0.87)	
Ireland.....	35.6	47.8	37.3 (0.13)	48.2 (0.26)	15.6 (0.10)	18.4 (0.20)	18.4 (0.20)	13.0 (0.19)	9.9 (0.19)	21.8 (0.11)	29.7 (0.24)	23.9 (0.22)	16.8 (0.21)	11.6 (0.20)	
Israel.....	—	—	45.6 (0.20)	44.2 (0.38)	15.0 (0.14)	12.4 (0.25)	15.9 (0.29)	16.1 (0.30)	17.0 (0.32)	30.5 (0.18)	31.8 (0.35)	33.0 (0.37)	28.3 (0.37)	27.6 (0.38)	
Italy.....	10.0	11.8	14.8 (0.07)	20.7 (0.19)	# (†)	# (†)	# (†)	0.5 (†)	# (†)	14.4 (0.07)	20.5 (0.19)	15.3 (0.15)	11.5 (0.14)	10.3 (0.14)	
Japan.....	33.8	47.7	44.8 (0.20)	56.7 (0.40)	19.5 (0.16)	23.7 (0.34)	23.6 (0.32)	19.6 (0.32)	11.6 (0.30)	25.3 (0.18)	33.0 (0.38)	26.0 (0.33)	26.2 (0.36)	17.4 (0.35)	
Korea, Republic of.....	24.2	39.5	39.7 (0.25)	65.0 (0.46)	12.2 (0.17)	26.0 (0.43)	13.0 (0.31)	5.7 (0.22)	1.5 (0.16)	27.5 (0.23)	39.0 (0.47)	33.8 (0.44)	21.0 (0.40)	11.2 (0.40)	
Luxembourg.....	18.1	23.4	35.5 (0.46)	44.2 (1.08)	14.7 (0.34)	18.1 (0.84)	16.8 (0.67)	12.2 (0.58)	10.7 (0.64)	20.8 (0.39)	26.1 (0.96)	24.7 (0.77)	15.8 (0.65)	14.6 (0.73)	
Mexico <sup>5</sup> .....	15.0	17.9	17.4 (0.00)	21.8 (0.00)	1.1 (0.00)	1.3 (0.00)	1.1 (0.00)	1.3 (0.00)	0.7 (0.00)	16.2 (0.00)	20.6 (0.00)	15.1 (0.00)	15.0 (0.00)	11.3 (0.00)	
Netherlands.....	23.2	26.5	32.4 (0.10)	40.8 (0.23)	2.5 (0.03)	2.4 (0.07)	2.9 (0.07)	2.7 (0.06)	2.1 (0.06)	29.8 (0.10)	38.4 (0.23)	30.7 (0.19)	27.4 (0.17)	23.9 (0.18)	
New Zealand.....	29.2	28.5	40.7 (0.41)	46.4 (0.89)	16.4 (0.31)	14.9 (0.64)	15.5 (0.58)	17.9 (0.60)	17.2 (0.65)	24.3 (0.36)	31.5 (0.83)	27.0 (0.71)	21.1 (0.64)	16.6 (0.64)	
Norway.....	30.2	37.9	37.3 (0.20)	47.3 (0.45)	2.1 (0.06)	1.0 (0.09)	2.0 (0.11)	2.7 (0.13)	2.7 (0.14)	35.2 (0.20)	46.2 (0.45)	39.0 (0.38)	30.7 (0.38)	24.6 (0.36)	
Poland <sup>5</sup> .....	11.9	15.2	22.9 (0.09)	37.4 (0.21)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	22.9 (0.09)	37.4 (0.21)	23.4 (0.19)	15.1 (0.15)	12.9 (0.14)	
Portugal <sup>5</sup> .....	9.0	13.7	15.4 (0.51)	24.8 (1.02)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	15.4 (0.51)	24.8 (1.02)	16.2 (0.80)	10.4 (0.69)	8.9 (0.56)	
Slovak Republic.....	10.9	11.9	17.3 (0.16)	24.0 (0.29)	0.7 (0.04)	0.6 (0.05)	0.6 (0.07)	0.8 (0.08)	0.9 (0.10)	16.6 (0.16)	23.5 (0.28)	15.3 (0.32)	13.9 (0.32)	11.8 (0.35)	
Slovenia.....	—	—	23.7 (0.22)	31.3 (0.51)	10.6 (0.16)	12.2 (0.36)	11.5 (0.35)	10.1 (0.28)	8.6 (0.29)	13.1 (0.17)	19.2 (0.43)	15.3 (0.40)	9.9 (0.28)	7.7 (0.27)	
Spain.....	23.6	35.5	30.7 (0.08)	39.2 (0.17)	9.2 (0.05)	12.2 (0.11)	11.6 (0.10)	7.0 (0.08)	4.0 (0.07)	21.5 (0.07)	26.9 (0.15)	23.8 (0.13)	18.6 (0.12)	13.7 (0.12)	
Sweden.....	31.6	36.9	34.2 (0.11)	42.2 (0.23)	8.8 (0.06)	8.2 (0.13)	8.3 (0.12)	9.4 (0.13)	9.1 (0.12)	25.4 (0.10)	34.0 (0.22)	28.8 (0.20)	20.6 (0.18)	18.4 (0.17)	
Switzerland.....	25.4	25.6	35.2 (0.16)	40.5 (0.39)	10.8 (0.11)	9.9 (0.24)	12.4 (0.21)	11.2 (0.21)	9.2 (0.20)	24.3 (0.15)	30.6 (0.37)	25.8 (0.28)	22.1 (0.28)	18.5 (0.27)	
Turkey <sup>5,6</sup> .....	8.9	10.2	13.1 (0.07)	17.4 (0.13)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	13.1 (0.07)	17.4 (0.13)	12.2 (0.12)	9.4 (0.12)	9.5 (0.14)	
United Kingdom.....	26.0	30.0	38.2 (0.21)	46.0 (0.46)	10.2 (0.13)	8.1 (0.25)	11.1 (0.26)	11.7 (0.26)	9.6 (0.25)	28.0 (0.19)	37.9 (0.45)	29.5 (0.38)	23.5 (0.35)	20.4 (0.35)	
United States.....	37.3	39.1	41.7 (0.24)	42.3 (0.38)	10.0 (0.1)	9.5 (0.22)	10.3 (0.20)	10.6 (0.22)	9.2 (0.23)	31.7 (0.22)	32.8 (0.36)	33.1 (0.38)	29.4 (0.41)	31.7 (0.42)	
Other reporting countries															
Brazil <sup>4,5,6</sup> .....	7.7	6.7	10.9 (0.07)	11.6 (0.12)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	[5] (†)	10.9 (0.07)	11.6 (0.12)	11.3 (0.13)	10.7 (0.14)	8.9 (0.16)	
China <sup>4</sup> .....	4.6	6.1	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	
Russian Federation <sup>7</sup> .....	54.0	55.5	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>The vocational degree data in this table refer to degrees classified as International Standard Classification of Education (ISCED) level 5B. ISCED level 5B corresponds to the associate's degree in the United States.<sup>2</sup>ISCED 5A, first award, corresponds to the bachelor's degree in the United States; ISCED 5A, second award, corresponds to master's and first-professional degrees in the United States; and ISCED 6 corresponds to doctor's degrees.<sup>3</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for

which a given year's data are available, even if they were not members of OECD in that year.

<sup>4</sup>Data from 2000 reported for 2001.<sup>5</sup>Columns for bachelor's or higher degree include vocational degree data.<sup>6</sup>Data from 2009 reported for 2010.<sup>7</sup>Data from 2002 reported for 2001.

NOTE: Standard errors are not available for 2001.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2002 and 2012. (This table was prepared June 2012.)



**Table 469. Percentage of the population 25 to 64 years old who attained a bachelor's or higher level degree, by age group and country: Selected years, 1999 through 2010**

[Standard errors appear in parentheses]

Country	1999		2001		2003		2005		2006		2007		2008		2009				2010			
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old		25 to 34 years old	Total, 25 to 64 years old		25 to 34 years old		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		17		18		19	
OECD average <sup>1</sup> .....	14.0	16.5	15.1	18.2	16.9	21.0	18.8	23.9	19.5	24.6	20.0	25.4	20.8	26.6	21.4	(0.03)	27.7	(0.08)	22.0	(0.04)	28.5	(0.09)
Australia.....	17.7	20.1	19.2	23.9	20.5	24.9	22.7	29.2	23.8	29.2	24.1	30.6	25.5	31.9	26.8	(0.29)	34.6	(0.62)	26.9	(0.41)	34.2	(0.81)
Austria <sup>2</sup> .....	6.1	6.8	6.8	6.9	7.3	8.4	9.1	11.6	10.1	12.9	10.4	13.3	10.7	13.5	11.4	(0.10)	15.3	(0.25)	12.0	(0.25)	15.4	(0.49)
Belgium.....	12.0	16.0	12.7	17.8	13.0	18.2	13.8	19.1	14.1	19.4	14.0	18.2	16.4	22.8	17.5	(0.16)	24.2	(0.38)	17.2	(0.16)	23.3	(0.37)
Canada.....	19.1	23.1	20.4	25.1	22.0	27.5	23.3	28.2	24.0	29.3	24.6	29.5	25.2	29.8	25.4	(0.16)	30.1	(0.34)	26.4	(0.22)	30.7	(0.42)
Chile <sup>2,3</sup> .....	8.2	9.6	9.0	10.7	11.9	15.5	—	—	—	—	—	—	15.7	22.3	16.4	(0.15)	24.0	(0.30)	16.5	(0.15)	25.4	(0.30)
Czech Republic <sup>4</sup> .....	10.8	10.9	11.1	11.3	11.7	11.7	13.1	14.2	13.5	15.2	13.7	15.5	14.5	17.7	15.5	(0.10)	20.2	(0.23)	16.8	(0.10)	22.6	(0.25)
Denmark.....	—	—	21.5	21.7	25.0	27.2	26.0	30.7	27.1	31.7	25.5	32.0	27.5	34.9	27.1	(0.18)	36.2	(0.60)	27.0	(0.17)	31.4	(0.48)
Estonia.....	—	—	—	—	—	—	22.2	24.1	22.2	24.1	22.2	25.2	22.3	23.5	22.7	(0.41)	21.7	(0.87)	21.9	(0.71)	23.8	(1.59)
Finland.....	13.9	15.6	14.8	18.0	16.4	23.1	18.1	26.6	19.2	29.4	20.9	31.8	21.5	32.9	22.6	(0.13)	36.0	(0.34)	23.5	(0.21)	36.7	(0.52)
France.....	11.0	15.3	11.9	17.5	14.2	21.9	14.8	22.3	15.6	23.7	15.9	23.8	16.4	23.7	17.3	(0.08)	25.7	(0.20)	17.5	(0.08)	26.0	(0.19)
Germany.....	13.0	12.9	13.5	13.5	14.1	14.0	14.8	15.1	15.1	15.1	15.6	16.1	16.4	17.5	17.1	(0.06)	18.9	(0.14)	17.0	(0.07)	18.9	(0.16)
Greece.....	12.2	16.6	12.4	16.6	12.6	16.5	14.5	17.0	15.1	17.7	15.4	18.7	16.8	18.6	16.9	(0.09)	19.3	(0.21)	17.5	(0.29)	20.0	(0.51)
Hungary <sup>5</sup> .....	13.5	13.7	14.1	14.7	15.3	16.6	16.9	19.1	17.4	20.1	17.7	21.1	18.7	22.9	19.4	(0.10)	24.1	(0.23)	19.6	(0.10)	24.7	(0.24)
Iceland.....	17.8	22.3	18.8	21.1	—	—	25.9	32.5	25.6	28.5	26.1	27.9	27.9	30.6	28.8	(0.48)	33.4	(0.96)	28.7	(0.48)	34.0	(0.98)
Ireland <sup>2</sup> .....	10.6	16.1	14.0	19.8	16.3	23.0	18.4	26.2	19.9	28.2	21.1	29.9	22.2	30.6	20.9	(0.11)	28.8	(0.23)	21.8	(0.11)	29.7	(0.24)
Israel.....	—	—	—	—	27.0	27.2	29.8	34.8	29.8	34.8	28.3	28.1	28.8	28.9	29.4	(0.18)	29.5	(0.35)	30.5	(0.18)	31.8	(0.35)
Italy <sup>5</sup> .....	9.3	10.0	10.0	11.8	—	—	11.7	15.5	12.4	16.7	13.0	18.3	14.0	19.6	14.1	(0.06)	19.9	(0.15)	14.4	(0.07)	20.5	(0.19)
Japan.....	18.3	23.0	19.2	24.3	20.9	26.4	22.3	27.9	23.0	29.7	23.1	29.0	24.3	30.9	24.6	(0.11)	31.8	(0.27)	25.3	(0.18)	33.0	(0.38)
Korea, Republic of.....	16.9	23.2	17.5	25.0	21.7	29.9	22.7	31.7	23.5	32.9	24.4	33.9	25.6	34.5	27.1	(0.23)	37.6	(0.47)	27.5	(0.23)	39.0	(0.47)
Luxembourg.....	11.7	13.1	11.4	15.1	—	—	17.0	23.8	16.4	22.7	17.7	23.8	20.0	27.9	20.2	(0.39)	24.1	(0.93)	20.8	(0.39)	26.1	(0.96)
Mexico.....	11.9	14.1	13.3	15.3	13.6	16.0	13.8	17.0	14.4	17.5	14.9	18.4	14.9	18.5	15.9	(0.05)	20.2	(0.10)	16.2	(0.00)	20.6	(0.00)
Netherlands.....	20.1	22.7	20.9	24.1	—	—	28.3	33.8	28.4	34.3	29.1	35.1	29.8	37.5	30.0	(0.09)	37.6	(0.22)	29.8	(0.10)	38.4	(0.23)
New Zealand.....	13.1	15.6	13.9	16.9	16.1	20.7	19.7	26.2	23.0	29.8	25.3	33.0	25.1	33.6	23.2	(0.41)	30.8	(0.96)	24.3	(0.36)	31.5	(0.83)
Norway <sup>2</sup> .....	25.3	30.6	27.6	35.4	28.5	37.4	30.3	38.9	30.5	39.8	31.9	40.8	33.6	43.8	34.5	(0.20)	45.5	(0.45)	35.2	(0.20)	46.2	(0.45)
Poland <sup>2,4</sup> .....	11.3	12.3	11.9	15.2	14.2	20.4	16.9	25.5	17.9	28.0	18.7	30.0	19.6	32.1	21.2	(0.12)	35.4	(0.29)	22.9	(0.09)	37.4	(0.21)
Portugal <sup>6</sup> .....	7.1	9.3	6.6	10.6	8.4	13.2	12.8	19.1	13.5	20.0	13.7	21.4	14.3	23.2	14.7	(0.12)	23.3	(0.32)	15.4	(0.51)	24.8	(1.02)
Slovak Republic.....	—	—	10.3	11.2	11.2	12.6	12.8	15.4	13.3	15.7	13.3	16.8	14.0	17.8	15.0	(0.15)	19.7	(0.34)	16.6	(0.16)	23.5	(0.28)
Slovenia.....	—	—	—	—	—	—	10.6	15.2	10.6	15.2	11.7	17.6	11.8	18.4	12.6	(0.17)	18.7	(0.42)	13.1	(0.17)	19.2	(0.43)
Spain.....	14.8	22.1	16.9	23.9	17.9	25.8	19.9	27.0	19.8	26.0	20.0	26.0	20.0	25.7	20.1	(0.07)	25.0	(0.15)	21.5	(0.07)	26.9	(0.15)
Sweden.....	13.1	11.1	16.9	19.7	18.5	23.8	20.6	28.4	21.7	30.6	22.6	31.5	23.4	32.4	24.3	(0.11)	33.9	(0.26)	25.4	(0.10)	34.0	(0.22)
Switzerland.....	14.5	16.6	15.8	15.9	17.5	19.6	19.0	21.9	19.9	23.2	21.3	25.6	23.3	28.8	24.7	(0.24)	30.5	(0.56)	24.3	(0.15)	30.6	(0.37)
Turkey <sup>4</sup> .....	7.1	7.6	8.9	10.2	9.7	11.4	9.7	11.8	10.4	12.8	10.8	13.6	12.0	15.5	12.7	(0.07)	16.6	(0.13)	13.1	(0.07)	17.4	(0.13)
United Kingdom.....	16.6	18.8	18.0	21.0	19.3	24.2	20.8	26.9	21.7	28.6	22.7	29.4	23.6	30.7	26.9	(0.09)	36.3	(0.21)	28.0	(0.19)	37.9	(0.45)
United States.....	27.5	28.7	28.3	29.9	29.4	30.0	29.6	30.3	29.9	29.9	30.9	31.0	31.5	32.3	31.4	(0.16)	32.1	(0.32)	31.7	(0.22)	32.8	(0.36)
Other reporting countries																						
Brazil <sup>2,4</sup> .....	7.5	6.5	7.6	6.6	—	—	—	—	—	—	9.6	10.0	10.8	11.0	10.9	(0.07)	11.6	(0.12)	—	(†)	—	(†)

—Not available.

†Not applicable.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Data from 1998 reported for 1999.

<sup>3</sup>Data from 2000 reported for 2001.

<sup>4</sup>Data include vocational degrees.

<sup>5</sup>Data for 1999 to 2003 include vocational degrees.

<sup>6</sup>Data for 2005 to 2010 include vocational degrees.

NOTE: Data in this table refer to degrees classified as International Standard Classification of Education (ISCED) level 5A (first and second award) and as level 6. ISCED 5A, first award, corresponds to the bachelor's degree in the United States; ISCED 5A, second award, corresponds to master's and first-professional degrees in the United States; and ISCED 6 corresponds to doctor's degrees. Standard errors are not available for years prior to 2009.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2001 through 2012. (This table was prepared June 2012.)

**Table 470. Percentage of the population 25 to 64 years old who attained a postsecondary vocational degree, by age group and country: Selected years, 1999 through 2010**  
 [Standard errors appear in parentheses]

Country	1999		2001		2003		2005		2006		2007		2008		2009		2010	
	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old	Total, 25 to 64 years old	25 to 34 years old
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
<b>OECD average<sup>1</sup></b>	<b>8.4</b>	<b>10.5</b>	<b>8.9</b>	<b>10.8</b>	<b>9.5</b>	<b>11.2</b>	<b>8.8</b>	<b>9.8</b>	<b>9.0</b>	<b>10.0</b>	<b>9.4</b>	<b>10.1</b>	<b>9.7</b>	<b>10.4</b>	<b>10.4 (0.03)</b>	<b>11.0 (0.07)</b>	<b>10.2 (0.03)</b>	<b>10.9 (0.07)</b>
Australia	9.0	8.8	9.7	9.7	10.8	11.4	9.0	8.9	9.2	9.6	9.6	10.2	10.1	9.8	10.1 (0.20)	10.2 (0.39)	10.7 (0.29)	10.2 (0.52)
Austria <sup>2</sup>	4.7	5.8	7.3	7.4	7.2	7.0	8.7	8.1	7.5	6.3	7.2	5.6	7.4	5.9	7.6 (0.08)	5.8 (0.16)	7.3 (0.19)	5.4 (0.29)
Belgium	13.9	17.9	14.9	19.7	16.0	20.7	17.3	21.5	17.7	22.5	18.1	23.1	15.9	19.5	15.9 (0.15)	18.3 (0.34)	17.8 (0.16)	20.5 (0.36)
Canada	20.2	23.7	21.2	25.4	22.0	25.3	22.8	25.6	22.9	25.5	23.7	26.3	23.6	26.1	24.1 (0.16)	26.0 (0.32)	24.2 (0.17)	25.8 (0.38)
Chile <sup>2,3</sup>	0.9	1.4	1.0	1.6	1.2	1.7	—	—	—	—	—	—	8.5	11.5	8.0 (0.11)	11.0 (0.22)	10.3 (0.13)	13.1 (0.23)
Denmark	—	—	5.3	5.8	6.9	7.8	7.6	9.1	7.6	9.1	6.7	8.1	7.0	8.2	7.2 (0.11)	8.5 (0.35)	6.3 (0.10)	6.2 (0.25)
Estonia	—	—	—	—	—	—	11.1	8.7	11.1	8.7	11.1	9.4	12.0	12.3	13.2 (0.33)	14.8 (0.75)	13.3 (0.55)	14.0 (1.24)
Finland	17.4	21.8	17.5	20.2	16.9	16.7	16.6	11.0	15.9	9.0	15.4	7.5	15.0	5.4	14.7 (0.11)	3.4 (0.13)	14.7 (0.18)	2.5 (0.17)
France	10.5	15.6	11.2	16.7	9.2	15.5	10.0	17.0	10.6	17.7	10.9	17.7	11.1	16.9	11.6 (0.07)	17.5 (0.18)	11.5 (0.06)	16.9 (0.16)
Germany	9.9	8.6	9.7	8.2	9.9	7.8	9.7	7.4	8.9	6.8	8.7	6.5	9.0	6.5	9.3 (0.05)	6.8 (0.09)	9.6 (0.05)	7.2 (0.10)
Greece	5.5	8.6	5.4	7.4	5.7	7.1	6.7	8.4	7.0	9.0	7.4	9.4	6.6	9.6	6.7 (0.06)	10.1 (0.16)	7.2 (0.16)	10.9 (0.34)
Hungary	—	—	—	—	—	—	0.2	0.5	0.3	0.6	#	0.9	#	1.0	# (†)	1.0 (#)	0.6 (0.02)	1.4 (0.06)
Iceland	4.6	5.3	6.0	5.5	—	—	4.7	3.3	3.9	3.0	3.7	3.2	3.4	2.2	3.9 (0.21)	2.5 (0.31)	3.8 (0.20)	2.2 (0.30)
Ireland <sup>2</sup>	10.5	13.4	21.6	28.1	10.0	14.1	10.6	14.4	10.9	14.0	11.1	14.0	11.7	14.5	14.9 (0.10)	18.7 (0.20)	15.6 (0.10)	18.4 (0.20)
Israel	—	—	—	—	15.9	14.8	16.0	15.1	16.0	15.1	15.2	13.4	15.1	13.4	15.5 (0.14)	13.4 (0.26)	15.0 (0.14)	12.4 (0.25)
Italy	—	—	—	—	—	—	0.5	0.6	0.5	0.6	0.5	0.6	#	#	# (†)	# (†)	# (†)	# (†)
Japan	13.4	22.1	14.6	23.4	16.5	25.2	17.7	25.3	17.5	24.4	17.9	24.6	18.5	24.1	19.1 (0.10)	23.9 (0.25)	19.5 (0.16)	23.7 (0.34)
Korea, Republic of	5.8	11.9	6.7	14.5	7.8	16.7	8.9	19.3	9.5	20.1	10.2	21.6	10.9	23.3	11.6 (0.16)	25.5 (0.42)	12.2 (0.17)	26.0 (0.43)
Luxembourg	6.6	8.1	6.7	8.3	8.9	12.1	9.6	13.2	7.6	10.8	8.8	11.9	7.7	10.8	14.6 (0.34)	20.4 (0.87)	14.7 (0.34)	18.1 (0.84)
Mexico	1.3	2.2	1.7	2.7	1.8	2.7	1.1	1.2	1.0	1.1	1.0	1.1	1.1	1.2	1.1 (0.01)	1.2 (0.03)	1.1 (0.00)	1.3 (0.00)
Netherlands	2.5	2.4	2.3	2.4	—	—	1.8	1.6	1.8	1.7	1.7	1.6	2.4	2.2	2.8 (0.03)	2.5 (0.07)	2.5 (0.03)	2.4 (0.07)
New Zealand	13.9	10.4	15.3	11.6	14.8	11.7	7.4	4.6	15.3	13.8	15.7	14.3	14.9	13.9	16.9 (0.36)	15.9 (0.76)	16.4 (0.31)	14.9 (0.64)
Norway <sup>2</sup>	2.0	2.2	2.6	2.6	2.5	2.4	2.4	1.9	2.4	1.7	2.4	1.9	2.4	1.8	2.2 (0.06)	1.4 (0.11)	2.1 (0.06)	1.0 (0.09)
Portugal	2.7	3.0	2.4	3.1	2.4	3.1	—	—	—	—	—	—	—	—	— (†)	— (†)	— (†)	— (†)
Slovak Republic	—	—	0.6	0.6	0.6	0.6	0.8	0.9	0.9	0.9	0.7	0.7	0.8	0.6	0.8 (0.04)	0.9 (0.08)	0.7 (0.04)	0.6 (0.05)
Slovenia	—	—	—	—	—	—	9.6	9.5	9.6	9.5	10.6	12.4	10.8	11.7	10.8 (0.16)	11.7 (0.35)	10.6 (0.16)	12.2 (0.36)
Spain	6.2	11.4	6.7	11.6	7.2	11.7	8.3	12.8	8.7	13.2	9.0	13.0	9.2	13.0	9.5 (0.05)	13.2 (0.11)	9.2 (0.05)	12.2 (0.11)
Sweden	15.6	20.7	14.7	17.1	14.9	16.7	9.1	8.9	8.8	8.5	8.7	8.5	8.6	8.4	8.7 (0.07)	8.5 (0.15)	8.8 (0.06)	8.2 (0.13)
Switzerland	9.1	9.3	9.6	9.7	9.4	9.8	9.7	9.1	9.9	9.0	10.0	9.5	10.4	9.7	10.3 (0.17)	9.4 (0.36)	10.8 (0.11)	9.9 (0.24)
United Kingdom	8.2	8.4	8.0	9.0	8.7	8.9	8.8	8.1	8.7	8.2	9.1	7.7	9.0	7.7	10.0 (0.06)	8.5 (0.12)	10.2 (0.13)	8.1 (0.25)
United States	8.3	8.7	9.0	9.2	9.0	8.6	9.4	9.0	9.6	9.3	9.4	9.3	9.6	9.3	9.8 (0.08)	8.9 (0.15)	10.0 (0.12)	9.5 (0.22)

—Not available.

†Not applicable.

#Rounds to zero.

<sup>1</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Data from 1998 reported for 1999.

<sup>3</sup>Data from 2000 reported for 2001.

NOTE: Data in this table refer to degrees classified as International Standard Classification of Education (ISCED) level 5B. ISCED level 5B corresponds to the associate's degree in the United States. Standard errors are not available for years prior to 2009.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2001 through 2012. (This table was prepared June 2012.)

Table 471. Number of bachelor's degree recipients per 100 persons at the typical age of graduation, by sex and country: 2003 through 2009

Country	Typical age of graduation, 2009	Total							Male							Female						
		2003	2004	2005	2006	2007	2008	2009	2003	2004	2005	2006	2007	2008	2009	2003	2004	2005	2006	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
<b>OECD average<sup>1</sup></b>	—	—	<b>33.9</b>	<b>34.7</b>	<b>36.2</b>	<b>37.5</b>	<b>39.1</b>	<b>38.9</b>	—	<b>27.6</b>	<b>27.5</b>	<b>28.7</b>	<b>30.0</b>	<b>31.0</b>	<b>31.0</b>	—	<b>40.5</b>	<b>42.3</b>	<b>44.0</b>	<b>45.3</b>	<b>47.5</b>	<b>47.1</b>
Australia	21-23	54.8	46.9	59.9	59.6	60.7	58.9	58.5	46.7	37.4	47.9	47.4	48.6	47.0	46.9	63.4	57.0	72.5	72.5	73.4	71.4	70.8
Austria	22-26	19.0	19.6	20.4	21.7	22.4	25.8	30.3	18.7	19.0	19.0	20.4	20.8	22.7	25.9	19.4	20.3	21.8	22.9	24.0	29.1	34.7
Belgium (Flemish) <sup>2</sup>	22-24	—	18.3	18.4	19.0	35.4	27.0	—	—	17.5	17.0	17.9	32.6	24.4	—	—	19.0	19.8	20.2	38.2	29.6	—
Canada	22-24	—	31.5	33.6	39.3	35.2	39.5	38.9	—	24.3	25.2	29.5	26.5	29.1	29.3	—	39.1	42.2	49.7	44.3	50.6	49.0
Chile	23-26	—	25.1	11.5	15.0	14.5	14.7	17.6	—	22.9	9.7	13.0	11.9	11.7	13.2	—	27.5	13.4	17.0	17.3	17.8	22.1
Czech Republic	23-25	17.3	21.0	26.0	30.7	36.4	39.2	39.7	15.9	18.8	22.6	26.5	31.0	32.2	30.4	18.8	23.4	29.5	35.2	42.1	46.6	49.7
Denmark	24-26	38.6	49.9	52.9	50.3	50.9	50.3	48.3	25.1	35.6	37.2	37.0	38.3	38.3	35.3	52.3	64.4	69.2	63.7	63.9	62.6	61.7
Estonia	21-23	—	—	28.5	26.4	27.3	23.8	22.9	—	—	17.6	15.4	17.6	14.9	13.7	—	—	39.5	37.8	37.3	32.8	32.7
Finland <sup>3</sup>	24-26	55.8	54.7	53.8	57.3	58.8	79.8	42.3	40.4	39.5	38.8	40.6	41.3	55.3	28.7	72.2	70.5	69.7	74.5	77.4	105.6	56.6
France	20-25	41.5	40.0	—	34.2	33.8	33.9	33.0	34.9	33.4	—	30.6	30.2	30.3	29.8	48.4	46.9	—	37.9	37.5	37.6	36.3
Germany	24-27	19.5	20.6	20.5	21.0	23.2	25.5	28.9	19.3	20.3	20.0	20.0	22.0	24.0	27.4	19.7	20.9	21.1	22.0	24.4	27.0	30.5
Greece <sup>2</sup>	22-27	—	19.1	23.9	23.5	21.7	26.6	—	—	13.3	16.3	16.1	14.7	18.3	—	—	25.4	32.2	31.7	29.4	35.5	—
Hungary	23-25	33.6	37.3	41.5	38.2	38.8	37.6	39.0	24.6	26.6	29.0	26.1	26.2	25.2	27.1	43.2	48.4	54.5	51.0	51.8	50.4	51.2
Iceland	24-26	44.2	50.5	56.3	62.8	62.8	55.9	50.7	29.4	31.4	33.6	37.7	38.0	34.1	30.7	59.1	70.3	80.5	89.6	88.0	78.9	72.2
Ireland	21-23	36.8	38.6	40.7	42.8	44.8	46.0	47.1	29.7	31.9	33.3	33.4	36.4	36.9	38.5	44.0	45.3	48.0	52.5	53.4	55.2	55.4
Israel	26-29	—	32.3	32.9	33.4	36.1	36.3	36.4	—	25.3	25.7	26.8	29.1	29.6	30.8	—	39.6	40.2	40.3	43.1	43.1	42.0
Italy	23-25	27.8	40.1	44.8	42.7	38.7	35.8	34.6	24.0	33.3	37.3	35.1	31.6	29.5	28.5	31.6	47.2	52.7	50.6	46.1	42.3	40.9
Japan	21-23	34.4	36.3	36.9	38.7	38.8	40.6	41.5	40.1	41.4	41.3	42.8	42.9	44.9	46.1	28.5	31.0	32.2	34.3	34.4	36.0	36.7
Korea, Republic of	22-24	31.7	32.3	35.5	41.0	42.9	48.7	50.0	32.1	31.5	34.8	40.2	42.7	49.0	51.0	31.2	33.2	36.2	41.7	43.2	48.5	48.8
Mexico	23-26	14.3	13.8	15.2	18.1	18.2	17.8	19.0	13.3	13.1	14.5	16.7	16.8	16.2	17.4	15.3	14.4	15.9	19.5	19.7	19.3	20.7
Netherlands	23	42.5	42.9	47.2	49.2	47.8	46.0	45.6	36.4	37.2	40.2	42.9	41.7	39.8	39.4	48.7	48.6	54.3	55.7	54.1	52.3	51.9
New Zealand	21-23	39.0	47.6	49.0	53.5	53.8	50.0	50.7	29.1	34.9	36.6	40.6	41.6	37.6	38.9	49.1	61.0	62.0	67.0	66.0	63.0	63.1
Norway	22-25	42.0	43.3	42.1	45.1	45.0	46.1	44.3	30.0	31.5	28.8	31.9	31.8	33.9	32.0	54.2	55.3	55.8	58.8	58.7	58.8	57.3
Poland	23-25	—	44.4	45.0	44.8	46.6	48.2	49.4	—	32.6	32.8	32.9	34.4	35.0	35.9	—	56.6	57.6	57.1	59.2	61.9	63.3
Portugal	22-23	—	32.9	33.7	34.9	46.0	50.4	44.3	—	20.4	21.7	22.7	35.0	40.3	35.9	—	45.6	46.0	47.4	57.4	60.9	53.1
Slovak Republic	22-25	—	28.3	30.1	33.7	37.9	57.6	61.7	—	24.4	25.6	26.0	26.8	38.7	42.8	—	32.4	34.8	41.8	49.6	77.3	81.5
Slovenia	24-25	—	—	21.6	21.6	21.1	22.6	27.9	—	—	14.3	14.2	13.9	14.4	17.2	—	—	29.4	29.3	29.0	31.7	39.6
Spain	20-23	32.0	35.2	35.0	35.3	34.7	35.5	37.4	25.5	27.5	27.1	27.1	26.6	27.3	28.8	38.9	43.2	43.3	43.8	43.3	44.2	46.4
Sweden	25	38.4	39.9	44.0	43.3	42.2	40.9	38.1	28.6	29.7	30.8	29.8	29.1	27.9	25.8	48.5	50.5	57.6	57.2	55.8	54.7	51.0
Switzerland	24-27	20.9	22.4	25.0	27.0	28.9	30.6	29.2	23.5	24.0	26.1	26.8	28.7	29.2	27.0	18.4	20.9	23.9	27.1	29.2	32.0	31.5
Turkey	22-26	—	14.0	11.3	15.4	17.0	19.5	20.8	—	15.2	11.8	16.3	17.9	20.6	22.4	—	12.7	10.7	14.5	15.9	18.4	19.2
United Kingdom	20-24	—	39.2	39.8	39.0	39.0	40.2	39.9	—	34.2	34.1	33.0	32.9	33.5	33.8	—	44.3	45.7	45.2	45.4	47.2	46.3
United States	21-23	33.4	33.2	34.2	35.5	36.5	37.3	37.8	27.6	27.5	28.1	29.1	30.1	31.0	31.4	39.4	39.2	40.7	42.4	43.4	43.9	44.5
<b>Other reporting countries</b>																						
Brazil	22-24	—	15.6	17.5	21.3	22.7	25.6	24.9	—	11.8	13.3	16.2	18.4	19.9	17.9	—	19.4	21.6	26.4	27.0	31.3	32.0
Russian Federation	21-22	—	—	45.9	43.7	48.6	52.7	51.8	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.

<sup>2</sup>Reference year for typical age of graduation is 2008.

<sup>3</sup>Structural changes in the Finnish higher education system accounted for much of the increase in Finnish degree recipients in 2008, as well as the decrease in 2009. Students had a strong incentive to complete their degrees in 2008. Students who did not complete their degrees in 2008 may have had to spend extra time or take additional courses in order to meet new requirements that went into effect in 2009.

NOTE: Data in this table refer to degrees classified by the Organization for Economic Cooperation and Development (OECD) as International Standard Classification of Education (ISCED) level 5A, first award. This level corresponds to the bachelor's

degree in the United States. The recipients-per-100-persons ratio relates the number of people of all ages earning bachelor's degrees in a particular year to the number of people in the population at the typical age of graduation. The typical age is based on full-time attendance and normal progression through the education system (without repeating coursework, taking time off, etc.); this age varies across countries because of differences in their education systems and differences in program duration. This age is presented for the most recent year of data and may differ from previous years; please see previously published volumes of the *Digest of Education Statistics* for the typical age of graduation in previous years. Data for Luxembourg are not shown because tertiary students study for only 1 year in Luxembourg. Some data have been revised from previously published figures.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2005 through 2012; and Online Education Database, retrieved April 20, 2012, from <http://stats.oecd.org/Index.aspx>. (This table was prepared April 2012.)

**Table 472. Percentage of bachelor's and higher level degrees awarded to women, by field of study and country: 2010**

Country	All fields <sup>1</sup>	Education	Humanities and arts	Health and welfare	Social sciences, business, and law	Personal, transport, environmental protection, and security services	Engineering, manufacturing, and construction	Sciences, mathematics, and computer science					Agriculture
								Total	Life sciences	Physical sciences	Mathematics and statistics	Computer science	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>OECD average<sup>2</sup></b>	<b>58.0</b>	<b>77.4</b>	<b>66.6</b>	<b>74.2</b>	<b>57.6</b>	<b>52.4</b>	<b>27.2</b>	<b>41.6</b>	<b>64.2</b>	<b>43.8</b>	<b>45.9</b>	<b>19.7</b>	<b>53.6</b>
Australia <sup>3</sup>	56.7	74.6	63.8	75.3	53.9	55.0	24.3	37.3	55.1	48.1	39.9	19.6	55.4
Austria	53.1	78.7	66.4	66.1	56.0	44.5	24.7	35.0	66.8	34.9	37.0	15.4	62.6
Belgium	54.6	75.9	65.3	65.5	58.0	39.2	25.4	35.5	51.4	33.2	44.4	10.3	54.3
Canada <sup>3</sup>	59.8	76.7	64.6	83.4	57.8	59.6	23.5	49.0	62.6	44.8	42.4	17.9	57.5
Chile	56.6	72.2	60.2	70.0	51.5	52.4	26.1	33.0	52.4	41.8	47.7	16.6	47.8
Czech Republic	59.3	79.6	71.5	79.2	67.3	42.7	23.9	38.6	70.4	46.6	51.7	12.5	59.9
Denmark	59.7	74.4	65.5	80.1	52.3	23.0	32.0	37.3	67.4	38.4	36.2	20.9	72.9
Estonia	68.8	97.4	80.8	85.3	71.4	68.3	37.8	49.5	72.1	51.2	82.5	25.3	56.5
Finland	60.0	81.7	74.3	86.4	66.4	76.4	21.5	46.3	76.2	50.3	47.5	28.4	55.3
France <sup>3</sup>	54.5	76.4	71.8	60.2	60.5	42.5	30.1	37.6	62.7	38.7	36.1	15.8	54.8
Germany	55.3	73.7	73.1	69.4	53.5	55.1	22.0	44.3	67.4	42.7	61.4	15.3	54.1
Greece	61.8	76.1	78.2	59.4	64.5	#	40.7	47.6	69.1	49.3	47.9	38.5	47.6
Hungary	63.5	80.2	73.4	78.1	67.9	60.6	22.6	39.4	70.2	47.8	54.7	17.7	48.9
Iceland	67.0	83.8	68.8	87.6	59.0	69.8	40.3	47.9	73.5	43.4	23.1	18.8	63.2
Ireland	57.4	76.1	61.6	80.3	54.4	52.2	20.7	42.0	59.8	44.4	30.8	21.9	52.8
Israel	57.4	81.1	59.5	76.9	56.2	72.7	26.3	44.1	62.8	40.2	37.4	25.1	54.2
Italy	59.4	91.5	74.3	67.9	58.0	50.3	32.7	52.4	70.9	40.7	53.4	15.0	33.0
Japan	41.6	59.4	68.8	56.4	35.3	90.2	11.1	25.6	—	—	—	—	38.4
Korea, Republic of	47.2	71.1	66.6	65.0	43.5	34.3	23.3	39.2	48.4	46.9	54.8	20.9	39.4
Mexico	55.0	72.9	58.3	65.7	59.2	25.0	28.5	48.0	59.2	40.3	44.2	41.7	35.4
Netherlands	56.7	79.7	57.3	74.7	53.3	53.2	19.5	22.7	62.3	24.2	32.0	10.9	55.2
New Zealand	60.6	80.7	63.9	79.2	56.7	53.0	30.2	44.3	58.9	45.8	47.8	23.6	55.1
Norway	60.9	74.9	58.7	82.5	55.7	46.0	26.7	36.2	74.7	38.5	31.1	19.7	57.8
Poland	65.7	80.2	76.1	74.9	68.6	55.6	33.3	45.4	73.1	65.3	66.3	16.0	56.2
Portugal	60.1	84.7	61.1	78.3	62.6	45.6	30.9	54.2	69.6	49.2	60.2	23.7	58.0
Slovak Republic	64.2	78.2	69.2	83.7	68.8	44.3	31.4	42.9	69.8	53.0	54.9	11.7	47.1
Slovenia	65.1	84.0	77.5	77.0	69.0	58.6	32.8	49.7	72.9	44.7	52.9	13.4	63.6
Spain	59.4	75.6	64.6	76.3	60.2	55.9	33.9	41.0	66.9	51.3	51.1	19.0	48.8
Sweden	63.7	79.7	62.3	82.7	60.9	51.5	29.4	47.0	66.1	48.3	36.2	24.4	63.6
Switzerland	50.7	71.8	62.2	68.4	46.9	51.6	19.5	34.4	52.9	32.3	31.8	8.2	71.0
Turkey	46.1	57.0	58.0	60.6	42.5	31.7	28.1	44.8	60.9	43.3	49.1	23.3	33.3
United Kingdom	55.2	75.9	62.2	74.0	54.3	61.2	22.6	37.5	50.8	42.6	40.3	18.7	65.8
United States	57.7	77.8	58.9	79.3	54.4	55.0	21.7	43.5	57.9	39.4	41.6	21.1	50.6
<b>Other reporting countries</b>													
Argentina <sup>3</sup>	59.7	80.0	71.4	67.7	60.7	46.8	31.8	50.3	71.1	60.2	69.2	27.2	38.3
Brazil	62.8	76.8	52.4	77.2	57.0	71.4	28.3	37.8	72.0	45.1	45.7	18.4	40.7
China	46.8	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	53.1	55.5	52.3	53.3	55.2	#	50.7	52.8	#	53.0	52.3	53.0	52.4
Saudi Arabia	65.0	70.1	71.8	50.2	58.1	—	3.6	73.4	81.3	75.3	79.0	59.4	24.0
South Africa <sup>3</sup>	58.1	73.3	63.1	73.3	57.9	70.4	27.0	46.5	64.9	48.8	37.6	34.3	45.9

—Not available.

#Rounds to zero.

<sup>1</sup>May contain fields not shown in this table.

<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally.

<sup>3</sup>Data are for 2009 instead of 2010.

NOTE: Data in this table refer to degrees classified by OECD as International Standard Classification of Education (ISCED) level 5A (first and second award) or level 6. ISCED 5A, first award, corresponds to the bachelor's degree in the United States; ISCED 5A, second award, corresponds to master's and first-professional degrees in the United States; and ISCED 6 corresponds to doctor's degrees. Data for Luxembourg are not shown because tertiary students study for only 1 year in Luxembourg.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance, 2012*. (This table was prepared June 2012.)

Table 473. Percentage of bachelor's degrees awarded in mathematics, science, and engineering, by field of study and country: Selected years, 1990 through 2009

	All mathematics, science, and engineering degrees <sup>1</sup>							Natural sciences <sup>2</sup>							Mathematics and computer science <sup>3</sup>							Engineering							
Country	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009	1990	1995	2000	2005	2007	2008	2009	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
OECD average <sup>4</sup> .....	—	—	22.7	22.7	22.2	21.9	21.0	—	—	5.7	4.8	4.6	4.7	4.6	—	—	4.1	5.3	5.0	4.8	4.2	—	—	13.6	12.8	12.6	12.4	12.3	
Australia.....	—	19.3	21.1	21.1	20.3	19.2	18.2	—	9.9	7.6	5.9	6.5	6.4	6.3	—	3.8	5.1	8.2	6.6	5.7	4.8	—	5.6	8.5	7.0	7.2	7.0	7.1	
Austria.....	19.6	21.1	25.7	26.8	28.6	25.6	24.9	5.3	6.0	5.0	5.4	4.7	4.7	5.0	5.2	5.3	3.4	7.2	8.7	6.9	6.8	9.0	9.9	17.3	14.2	15.2	13.9	13.1	
Belgium.....	—	—	23.6	24.7	24.2	21.3	19.3	—	—	6.4	5.7	5.4	3.8	4.3	—	—	2.3	5.2	3.7	2.5	1.7	—	—	14.9	13.8	15.1	15.0	13.3	
Canada.....	16.4	16.7	20.0	20.7	21.1	20.5	20.3	6.0	6.5	8.1	6.5	8.9	9.4	9.3	4.2	3.8	4.3	5.9	4.6	3.6	3.4	6.2	6.4	7.6	8.2	7.7	7.5	7.6	
Chile.....	—	—	—	22.9	19.9	20.0	18.9	—	—	—	3.2	1.8	2.0	1.5	—	—	—	2.6	2.1	2.3	2.6	—	—	—	17.2	16.0	15.6	14.8	
Czech Republic.....	( <sup>5</sup> )	—	29.5	26.7	27.5	29.1	24.0	( <sup>5</sup> )	—	4.2	3.9	3.4	4.6	4.1	( <sup>5</sup> )	—	8.4	3.8	4.9	5.5	5.5	( <sup>5</sup> )	—	16.9	19.0	19.2	18.9	14.4	
Denmark.....	—	—	10.5	16.3	19.0	18.7	17.5	4.4	2.5	6.8	2.4	2.7	2.7	3.0	—	—	3.1	3.1	2.3	2.7	2.8	21.7	17.0	—	10.8	13.9	13.3	11.7	
Estonia.....	( <sup>5</sup> )	—	—	23.8	21.9	21.8	20.1	( <sup>5</sup> )	—	—	6.3	5.4	5.6	4.6	( <sup>5</sup> )	—	—	6.2	6.2	6.0	5.1	( <sup>5</sup> )	—	—	—	11.3	10.3	10.2	10.4
Finland.....	33.5	37.2	32.2	30.0	28.4	26.6	25.3	4.1	4.0	3.9	2.7	2.9	5.0	2.5	5.9	6.9	3.3	5.6	5.2	6.4	4.1	23.4	26.3	24.9	21.7	20.2	15.1	18.7	
France.....	—	—	30.1	26.0	26.3	26.1	26.1	—	—	12.2	6.5	6.6	6.3	6.0	—	—	5.5	5.5	5.6	5.5	5.8	—	—	12.5	14.0	14.1	14.3	14.4	
Germany.....	31.3	31.6	31.7	31.3	27.4	28.2	28.2	7.2	6.7	6.4	6.3	6.7	7.6	7.8	3.5	5.2	4.9	8.1	8.3	8.2	8.0	20.5	19.7	20.3	16.9	12.4	12.4	12.4	
Greece.....	—	—	—	25.9	22.1	23.8	—	—	—	—	8.3	4.8	5.3	—	—	—	—	8.4	6.7	7.4	—	—	—	—	—	9.2	10.6	11.2	—
Hungary.....	—	—	12.6	11.0	15.3	15.1	17.1	—	—	1.1	1.2	1.3	1.4	2.8	—	—	1.2	2.4	5.9	5.3	4.5	—	—	10.4	7.4	8.1	8.4	9.7	
Iceland.....	—	—	16.5	14.1	13.5	14.9	15.2	—	—	6.0	5.0	3.9	3.2	3.4	—	—	4.0	3.5	2.9	3.2	3.2	—	—	6.5	5.5	6.7	8.5	8.7	
Ireland.....	34.1	32.3	29.3	17.7	22.7	22.8	19.4	14.1	16.9	11.5	3.5	—	—	5.9	6.3	4.7	7.2	4.4	—	—	3.5	13.7	10.7	10.6	9.9	6.9	9.5	9.9	
Israel.....	—	—	19.0	26.7	21.7	21.0	21.3	—	—	3.1	5.1	5.5	5.2	5.0	—	—	6.8	7.5	4.1	4.1	4.2	—	—	9.1	14.1	12.1	11.7	12.1	
Italy.....	19.7	19.5	27.5	23.9	22.3	22.0	22.6	7.6	6.8	5.9	4.8	4.6	4.8	5.0	3.9	3.8	3.2	2.2	2.1	2.1	2.2	8.3	8.9	18.4	16.9	15.6	15.1	15.4	
Japan.....	—	—	22.3	20.8	20.1	20.0	19.5	2.4	3.4	—	—	—	—	—	—	—	—	—	—	—	—	21.0	19.3	18.9	17.4	16.7	16.6	16.3	
Korea, Republic of.....	—	—	36.9	37.0	35.6	35.1	34.7	—	—	6.3	5.2	5.2	4.8	5.0	—	—	4.3	5.4	5.9	5.9	5.7	—	—	26.3	26.3	24.5	24.5	24.0	
Mexico.....	—	—	23.0	27.3	26.5	26.8	25.9	—	—	2.2	2.6	2.7	2.8	2.8	—	—	6.7	9.3	8.5	8.3	7.4	—	—	14.1	15.3	15.4	15.7	15.6	
Netherlands.....	21.1	—	16.2	14.9	14.0	13.7	13.5	7.1	—	3.2	2.5	1.3	1.2	1.2	1.6	1.6	1.9	4.6	4.9	4.8	4.6	12.4	—	11.1	7.7	7.7	7.7	7.7	
New Zealand.....	19.5	—	17.8	19.9	17.6	20.7	21.1	8.2	—	11.2	6.7	6.2	7.7	8.0	5.5	—	1.9	7.6	5.5	5.7	6.0	5.8	3.2	4.7	5.6	5.9	7.3	7.0	
Norway.....	12.9	16.8	11.6	13.7	12.8	13.4	14.2	2.1	3.1	0.7	0.8	1.6	1.7	1.9	0.6	0.5	3.4	4.7	3.0	3.2	3.0	10.2	13.2	7.5	8.2	8.2	8.5	9.3	
Poland.....	—	—	16.7	17.7	21.4	19.9	19.0	—	—	2.7	2.3	3.9	3.8	3.7	—	—	2.0	5.3	5.6	5.0	4.7	—	—	12.0	10.1	12.0	11.1	10.7	
Portugal.....	—	15.0	17.5	25.6	32.7	34.2	24.8	6.7	2.2	1.7	6.0	4.9	5.5	3.8	—	2.8	3.6	6.2	7.6	8.0	2.4	10.5	9.9	12.2	13.4	20.3	20.7	18.6	
Slovak Republic.....	( <sup>5</sup> )	—	21.9	24.6	21.1	19.0	18.9	( <sup>5</sup> )	—	2.0	3.7	3.4	3.3	3.3	( <sup>5</sup> )	—	4.6	4.4	5.1	4.0	3.8	( <sup>5</sup> )	—	15.3	16.5	12.7	11.7	11.8	
Slovenia.....	( <sup>5</sup> )	—	—	17.7	17.4	16.9	15.8	( <sup>5</sup> )	—	—	4.1	3.8	3.0	3.2	( <sup>5</sup> )	—	—	2.0	2.2	2.5	2.1	( <sup>5</sup> )	—	—	11.7	11.4	11.4	10.6	
Spain.....	15.0	18.2	22.7	24.1	24.8	24.1	24.3	5.7	4.3	5.3	4.2	3.8	3.6	3.3	2.6	4.5	4.3	5.2	5.6	5.5	5.3	6.7	9.4	13.1	14.7	15.3	15.0	15.7	
Sweden.....	24.0	26.4	27.7	26.9	24.4	22.9	22.9	4.1	3.9	3.7	3.6	3.5	3.5	3.7	4.7	5.5	3.7	4.0	3.3	2.6	2.6	15.2	17.0	20.3	19.2	17.6	16.9	16.6	
Switzerland.....	23.0	22.3	25.1	24.2	23.0	20.8	20.4	11.2	10.4	6.0	6.9	6.3	6.2	5.7	3.7	3.7	1.8	4.7	4.2	3.9	3.0	8.1	8.3	17.3	12.7	12.5	10.7	11.6	
Turkey.....	20.6	20.9	24.1	22.3	17.4	18.0	18.1	4.6	5.1	7.4	6.1	5.2	5.3	5.3	2.1	2.7	3.6	4.1	3.3	3.5	3.6	13.8	13.1	13.1	12.0	8.9	9.2	9.2	
United Kingdom.....	—	—	28.5	26.0	24.6	24.0	24.3	—	—	12.5	9.2	9.1	9.2	9.5	—	—	5.8	8.3	6.9	6.2	6.0	—	—	10.2	8.4	8.5	8.6	8.8	
United States.....	16.9	—	17.1	16.7	16.1	15.8	15.7	5.1	—	6.6	5.8	6.3	6.4	6.4	4.0	3.3	3.9	4.8	3.7	3.4	3.3	7.8	6.7	6.6	6.2	6.0	6.0	5.9	
Other reporting countries																													
Brazil.....	—	—	—	11.4	11.6	11.1	11.0	—	—	—	3.2	3.2	3.3	2.9	—	—	—	3.5	3.1	2.9	2.9	—	—	—	—	5.3	4.9	5.2	
Russian Federation.....	( <sup>5</sup> )	—	—	—	—	—	24.3	( <sup>5</sup> )	—	—	—	—	—	1.5	( <sup>5</sup> )	—	—	—	—	—	5.2	( <sup>5</sup> )	—	—	—	—	—	17.6	

—Not available.

<sup>1</sup>Includes life sciences, physical sciences, mathematics/statistics, computer science, and engineering.<sup>2</sup>Includes life sciences and physical sciences.<sup>3</sup>Includes mathematics/statistics and computer science.<sup>4</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.<sup>5</sup>Country did not exist in its current form in the given year.

NOTE: Data in this table refer to degrees classified by OECD as International Standard Classification of Education (ISCED) level 5A, first award. This level corresponds to the bachelor's degree in the United States. Data for Luxembourg are not shown because tertiary students study for only 1 year in Luxembourg. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved March 23, 2012, from <http://stats.oecd.org/Index.aspx>; and unpublished tabulations. (This table was prepared March 2012.)

Table 474. Percentage of graduate degrees awarded in mathematics, science, and engineering, by field of study and country: Selected years, 1990 through 2009

Country	All mathematics, science, and engineering degrees <sup>1</sup>						Natural sciences <sup>2</sup>						Mathematics and computer science <sup>3</sup>						Engineering					
	1990	1996	2000	2005	2008	2009	1990	1996	2000	2005	2008	2009	1990	1996	2000	2005	2008	2009	1990	1996	2000	2005	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
OECD average <sup>4</sup> .....	—	—	28.5	24.7	23.3	22.6	—	—	11.1	8.9	7.4	6.9	—	—	5.4	4.9	5.0	4.2	—	—	12.7	11.4	11.2	11.7
Australia .....	—	14.0	15.2	20.0	18.8	18.9	—	5.4	4.0	3.1	3.1	3.0	—	3.8	4.9	8.7	8.3	7.6	—	4.7	6.3	8.1	7.5	8.3
Austria .....	37.7	38.8	39.2	38.6	31.8	33.4	12.3	17.5	16.7	15.0	7.5	7.6	4.6	4.7	4.7	6.6	11.3	10.8	20.8	16.6	17.7	16.9	13.0	14.9
Belgium .....	—	—	19.7	18.7	18.0	21.2	—	—	—	9.3	5.4	5.7	—	—	—	3.3	3.7	3.2	—	7.0	6.2	6.2	8.9	12.3
Canada .....	20.0	22.3	22.4	18.8	26.3	26.0	7.8	7.7	7.4	5.0	9.9	10.1	3.4	3.5	4.1	4.0	4.3	4.1	8.8	11.2	10.9	9.8	12.1	11.9
Chile .....	—	—	—	8.5	11.4	7.9	—	—	—	2.2	2.8	2.1	—	—	—	1.6	2.3	2.2	—	—	—	4.6	6.3	3.6
Czech Republic .....	<sup>(5)</sup>	—	21.0	26.1	22.2	26.9	<sup>(5)</sup>	—	5.3	8.3	5.7	6.5	<sup>(5)</sup>	—	7.9	5.6	3.8	3.9	<sup>(5)</sup>	—	7.7	12.3	12.7	16.5
Denmark .....	22.2	12.3	27.8	23.4	21.3	23.3	5.8	3.1	9.8	7.5	5.9	5.7	4.8	1.5	2.5	9.2	7.6	7.9	11.6	7.8	15.4	6.7	7.8	9.7
Estonia .....	<sup>(5)</sup>	—	—	23.9	28.6	27.3	<sup>(5)</sup>	—	—	10.0	8.2	8.3	<sup>(5)</sup>	—	—	5.0	7.7	5.7	<sup>(5)</sup>	—	—	8.9	12.6	13.3
Finland .....	30.6	28.3	28.7	30.5	31.7	34.3	14.7	11.6	11.3	11.6	12.5	5.8	5.4	4.0	2.4	4.1	4.0	3.7	10.5	12.7	14.9	14.8	15.2	24.8
France .....	—	—	26.4	28.4	28.8	28.0	—	—	13.5	12.5	10.8	11.0	—	—	5.6	7.0	6.8	6.7	—	—	7.3	8.9	11.2	10.3
Germany .....	33.2	38.6	38.1	30.9	33.7	32.2	23.5	25.5	24.9	14.8	15.1	14.7	2.3	3.5	3.7	4.8	6.3	6.1	7.4	9.5	9.5	11.3	12.3	11.4
Greece .....	—	—	—	42.8	33.0	—	—	—	—	22.3	6.2	—	—	—	—	5.3	11.0	—	—	—	—	15.2	15.7	—
Hungary .....	—	—	9.9	6.4	8.3	10.0	—	—	1.7	1.8	2.6	2.8	—	—	0.7	1.7	1.4	1.2	—	—	7.5	2.9	4.4	6.0
Iceland .....	—	—	35.9	23.0	10.6	12.7	—	—	19.4	9.5	5.8	4.6	—	—	#	3.0	1.1	0.9	—	—	16.5	10.5	3.7	7.2
Ireland .....	34.5	23.1	28.1	16.8	19.0	16.3	19.5	10.9	6.9	4.1	—	5.1	5.8	3.0	15.2	6.3	—	6.2	9.3	9.2	6.0	6.4	6.1	5.1
Israel .....	—	—	18.1	17.9	18.6	18.4	—	—	9.2	8.9	9.2	8.8	—	—	2.8	3.2	3.3	3.2	—	—	6.1	5.9	6.0	6.3
Italy .....	—	—	11.7	15.9	—	—	—	—	0.3	3.5	—	—	—	—	5.8	3.5	—	—	—	—	5.7	8.9	—	—
Japan .....	—	—	54.4	50.9	47.1	46.8	9.5	10.2	—	—	—	—	—	—	—	—	—	—	45.1	44.4	41.9	38.0	34.7	34.7
Korea, Republic of .....	—	—	48.4	43.9	24.1	24.2	—	—	8.5	9.5	4.4	4.7	—	—	5.7	2.0	1.2	1.4	—	—	34.3	32.4	18.4	18.1
Mexico .....	—	—	31.4 <sup>6</sup>	14.7	12.1	12.1	—	—	18.9 <sup>6</sup>	3.3	2.9	2.9	—	—	4.1 <sup>6</sup>	3.2	3.3	2.3	—	—	8.4 <sup>6</sup>	8.2	5.9	6.9
Netherlands .....	28.9	18.6	—	21.3	14.6	15.1	17.7	4.4	—	—	—	—	1.5	3.7	—	—	—	—	9.7	10.6	—	11.9	7.6	7.9
New Zealand .....	22.6	16.7	20.5	16.6	18.5	20.1	13.8	12.7	11.6	7.2	9.1	9.6	4.7	1.1	1.4	5.2	4.1	4.6	4.0	3.0	7.5	4.2	5.3	5.9
Norway .....	33.4	38.3	22.0	25.8	22.2	19.1	8.0	8.7	14.9	7.8	6.1	—	2.1	1.9	4.6	11.9	10.8	—	23.3	27.7	2.5	6.1	5.3	4.3
Poland .....	—	—	—	9.1	11.1	11.5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.5	5.0	6.5
Portugal .....	—	—	39.3 <sup>6</sup>	33.8	49.2	32.7	—	—	11.7 <sup>6</sup>	12.0	12.2	7.2	—	—	9.4 <sup>6</sup>	10.0	11.2	2.3	—	—	18.2 <sup>6</sup>	11.9	25.8	23.2
Slovak Republic .....	<sup>(5)</sup>	—	38.1	36.8	28.0	25.4	<sup>(5)</sup>	—	12.6	10.8	6.3	5.3	<sup>(5)</sup>	—	4.7	4.2	2.2	3.7	<sup>(5)</sup>	—	20.9	21.8	19.6	16.5
Slovenia .....	<sup>(5)</sup>	—	—	24.2	19.9	18.2	<sup>(5)</sup>	—	—	6.4	7.2	6.1	<sup>(5)</sup>	—	—	4.2	2.7	2.4	<sup>(5)</sup>	—	—	13.6	10.1	9.7
Spain .....	26.9	36.0	—	37.5 <sup>6</sup>	26.6	24.5	19.7	24.8	23.9 <sup>6</sup>	23.8 <sup>6</sup>	14.0	12.3	1.4	4.1	5.4 <sup>6</sup>	4.6 <sup>6</sup>	3.9	3.5	5.7	7.1	6.8 <sup>6</sup>	9.1 <sup>6</sup>	8.7	8.7
Sweden .....	48.5	32.3	40.5	23.7	28.1	32.0	19.4	9.2	14.3	8.0	8.5	8.3	9.2	5.9	4.0	2.8	4.0	5.2	19.9	17.1	22.2	12.9	15.6	18.5
Switzerland .....	30.2	40.1	42.7	32.0	28.9	29.5	22.0	25.8	11.7	11.7	12.4	12.5	1.7	4.1	19.5	3.4	3.1	3.9	6.5	10.1	11.6	16.9	13.3	13.1
Turkey .....	24.0	—	25.7	21.4	18.8	18.3	7.6	—	7.6	6.7	5.4	5.3	3.3	—	3.0	3.4	3.1	3.0	13.2	—	15.2	11.2	10.4	9.9
United Kingdom .....	—	—	21.7	20.3	20.3	20.4	—	—	7.4	5.5	5.5	5.8	—	—	5.0	5.7	5.2	4.8	—	—	9.2	9.0	9.7	9.8
United States .....	14.5	13.8	13.0	13.5	13.0	13.1	4.2	4.0	3.4	3.3	3.5	3.4	3.4	3.2	3.4	3.5	3.2	3.2	6.9	6.7	6.2	6.7	6.3	6.5

—Not available.

#Rounds to zero.

<sup>1</sup>Includes life sciences, physical sciences, mathematics/statistics, computer science, and engineering.

<sup>2</sup>Includes life sciences and physical sciences.

<sup>3</sup>Includes mathematics/statistics and computer science.

<sup>4</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year. However, if data were reported for less than 75 percent of the countries that were members of OECD in a given year, the average for that year is omitted.

<sup>5</sup>Country did not exist in its current form in the given year.

<sup>6</sup>Only includes doctor's (Ph.D.) degrees.

NOTE: Data in this table refer to degrees classified by OECD as International Standard Classification of Education (ISCED) level 5A, second award, and as ISCED 6. ISCED 5A, second award, corresponds to master's and first-professional degrees in the United States, and ISCED 6 corresponds to doctor's degrees. Data for Luxembourg are not shown because tertiary students study for only 1 year in Luxembourg. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database, retrieved March 21, 2012, from <http://stats.oecd.org/Index.aspx>; and unpublished tabulations. (This table was prepared March 2012.)

**Table 475. Employment to population ratios of 25- to 64-year-olds, by sex, highest level of educational attainment, and country: 2010**

Country	Total population, 25 to 64 years old				Male				Female			
	All levels of education	Less than high school completion	High school completion	Associate's or higher degree	All levels of education	Less than high school completion	High school completion	Associate's or higher degree	All levels of education	Less than high school completion	High school completion	Associate's or higher degree
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>OECD average<sup>1</sup></b>	<b>72.4</b>	<b>55.5</b>	<b>73.7</b>	<b>83.1</b>	<b>80.0</b>	<b>66.1</b>	<b>80.9</b>	<b>87.6</b>	<b>65.0</b>	<b>45.7</b>	<b>65.8</b>	<b>78.7</b>
Australia	77.7	65.1	80.5	84.0	85.9	77.3	87.8	89.7	69.6	55.0	70.6	79.3
Austria	75.6	56.1	77.9	85.7	81.2	64.7	81.8	89.3	70.0	51.4	73.7	81.4
Belgium	70.3	48.9	74.5	84.0	76.5	59.2	81.6	86.7	64.0	38.2	66.7	81.6
Canada	75.5	55.1	74.0	81.3	79.4	63.0	78.5	84.7	71.7	45.4	68.6	78.5
Chile	70.9	61.8	71.8	79.1	86.3	82.6	88.2	87.2	56.2	42.3	56.3	71.2
Czech Republic	73.5	43.2	74.5	83.3	83.0	53.1	83.3	91.0	63.7	38.3	65.0	75.0
Denmark	76.9	62.9	79.1	85.7	80.2	69.7	80.9	87.5	74.5	56.5	77.0	84.3
Estonia	70.0	44.8	68.6	79.9	70.7	45.7	71.9	81.1	69.4	43.3	65.0	79.2
Finland	74.7	55.0	74.1	84.1	76.3	59.1	76.1	86.8	73.0	49.4	71.6	82.1
France	71.5	55.4	74.4	83.6	76.3	62.4	78.6	86.8	66.9	49.3	69.8	80.8
Germany	76.2	55.3	76.3	86.9	81.8	65.5	80.8	90.1	70.5	48.2	71.9	82.8
Greece	66.6	56.7	67.1	79.8	79.3	73.8	80.9	84.3	53.9	39.6	53.3	75.1
Hungary	63.4	37.6	66.2	78.6	69.4	44.8	71.5	83.1	57.6	32.7	60.2	75.2
Iceland	82.3	76.5	82.0	89.1	85.8	81.2	85.8	91.2	79.1	71.8	76.5	87.4
Ireland	66.5	46.8	66.4	81.1	72.0	56.0	73.1	84.5	61.5	35.4	59.7	78.3
Israel	71.2	44.7	70.1	82.4	76.8	59.6	75.5	85.9	65.7	27.9	64.2	79.5
Italy	63.5	50.4	72.6	78.3	75.8	68.0	81.8	84.2	51.4	32.5	63.1	73.6
Japan	76.1	—	73.3	79.5	88.5	—	85.7	91.9	63.7	—	61.2	66.7
Korea, Republic of	71.8	65.0	70.6	76.3	85.5	77.4	84.7	89.1	58.0	57.1	56.8	60.1
Luxembourg	74.2	61.9	72.1	85.0	83.6	74.6	81.1	90.7	65.1	52.1	63.2	77.9
Mexico	67.7	63.0	71.6	80.4	88.2	87.7	90.1	88.2	49.6	42.5	56.3	71.6
Netherlands	77.3	61.1	80.0	87.5	84.0	74.5	85.0	89.8	70.7	49.3	75.0	85.0
New Zealand	78.6	68.4	82.0	83.8	86.2	76.3	88.8	90.5	72.4	61.7	73.0	78.7
Norway	81.1	63.9	81.8	90.4	83.8	68.1	84.5	91.6	79.1	59.6	78.2	89.4
Poland	67.0	39.9	65.6	84.8	74.3	49.6	74.2	88.8	60.1	30.9	56.2	82.0
Portugal	72.8	68.2	79.9	85.4	78.1	75.5	83.6	85.9	67.7	60.5	76.3	85.1
Slovak Republic	68.4	29.7	69.9	82.2	76.0	37.1	77.2	88.0	61.0	24.9	62.1	77.5
Slovenia	72.7	51.1	73.0	87.3	76.4	60.8	76.1	89.6	68.8	43.0	68.9	85.7
Spain	64.7	52.9	68.9	79.7	71.9	63.3	75.6	83.1	57.3	41.8	61.9	76.5
Sweden	81.5	63.8	82.0	88.1	84.8	73.7	85.5	89.2	78.4	51.1	77.9	87.3
Switzerland	81.4	68.3	80.0	88.7	87.9	76.3	86.5	92.5	74.9	63.3	74.4	83.0
Turkey	54.2	48.5	60.0	75.7	75.7	72.8	79.4	83.2	29.3	24.1	28.6	64.4
United Kingdom	75.0	56.0	76.8	85.1	81.2	66.3	81.8	88.6	68.8	48.1	71.0	81.7
United States	71.2	52.1	67.9	80.0	75.7	61.2	72.2	84.5	66.9	41.6	63.5	76.2
<b>Other reporting countries</b>												
Brazil	73.2	—	—	—	86.3	—	—	—	61.2	—	—	—

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally.

NOTE: The "high school completion" columns include International Standard Classification of Education (ISCED) levels 3 and 4, with the exception of ISCED level 3C short programs. (ISCED 3C short programs do not correspond to high school completion in the United States and are included in the "less than high school completion" columns in this table.)

ISCED level 5B corresponds to the associate's degree in the United States in this table. Also included in the "associate's or higher degree" columns are the following higher level degrees: ISCED 5A, first award, which corresponds to the bachelor's degree in the United States; ISCED 5A, second award, which corresponds to master's and first-professional degrees in the United States; and ISCED 6, which corresponds to doctor's degrees.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance, 2012*. (This table was prepared June 2012.)

**Table 476. Gross domestic product per capita and public and private education expenditures per student, by level of education and country:  
Selected years, 2005 through 2009**

Country	Gross domestic product per capita				Elementary and secondary education expenditures per student				Higher education expenditures per student			
	2005	2007	2008	2009	2005	2007	2008	2009	2005	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13
	Current dollars											
<b>OECD average<sup>1</sup></b>	<b>\$28,772</b>	<b>\$33,452</b>	<b>\$34,459</b>	<b>\$33,576</b>	<b>\$6,751</b>	<b>\$7,407</b>	<b>\$8,176</b>	<b>\$8,595</b>	<b>\$11,387</b>	<b>\$12,495</b>	<b>\$13,463</b>	<b>\$13,461</b>
Australia.....	33,983	37,615	39,532	39,971	7,142	7,590	7,814	9,139	14,579	14,726	15,043	16,074
Austria.....	34,107	36,839	39,849	38,834	9,436	9,959	10,994	11,681	14,775	15,039	15,043	14,257
Belgium.....	32,077	34,662	36,879	36,698	7,306	8,333	9,706	9,783	11,960	13,482	15,020	15,443
Canada.....	—	38,883	38,522	—	7,774 <sup>2</sup>	8,388 <sup>2</sup>	8,997 <sup>2</sup>	—	23,329 <sup>3,4</sup>	20,903 <sup>3</sup>	20,932 <sup>3</sup>	—
Chile.....	12,635	—	14,106	14,578	2,099	2,089	2,245	2,635	6,873	6,292	6,626	6,071
Czech Republic.....	20,280	23,995	25,845	25,614	4,098	4,712	5,236	5,615	6,649	8,209	8,318	8,237
Denmark <sup>5</sup> .....	33,626	36,326	39,494	38,299	8,997	9,448	10,429	11,094	14,959	16,466	17,634	18,556
Estonia.....	16,660	20,620	21,802	19,789	3,736	4,637	6,054	6,149	3,869	5,653 <sup>4</sup>	6,022 <sup>4</sup>	6,373
Finland.....	30,468	35,322	37,795	35,848	6,610	7,216	8,068	8,314	12,285	13,566	15,402	16,569
France.....	29,644	32,495	34,233	33,724	7,456	8,070	8,559	8,861	10,995	12,773	14,079	14,642
Germany.....	30,496	34,683	37,171	36,048	7,039	7,243	7,859	8,534	12,446	13,823	15,390	15,711
Greece.....	25,472	27,793	29,920	29,381	5,493 <sup>2</sup>	—	—	—	6,130	—	—	—
Hungary <sup>3</sup> .....	17,014	18,763	20,700	20,154	4,027	4,371	4,626	4,506	6,244	6,721	7,327	8,518
Iceland.....	35,571	36,325	39,029	36,718	8,815	8,949	9,745	9,309	9,474 <sup>5</sup>	9,309	10,429	9,939
Ireland.....	38,061	44,381	42,644	39,750	6,411	7,791	8,915 <sup>3</sup>	9,615 <sup>3</sup>	10,468	12,631	16,284 <sup>3</sup>	16,420 <sup>3</sup>
Israel.....	21,474	26,444	27,690	27,454	5,041	5,345	5,780	5,464	10,919	11,435	12,568	11,214
Italy.....	27,750	31,016	33,271	32,397	7,410 <sup>3</sup>	7,771 <sup>3</sup>	9,071 <sup>3</sup>	8,943 <sup>3</sup>	8,026 <sup>3</sup>	8,673	9,553	9,562
Japan <sup>5</sup> .....	30,290	33,635	33,902	32,324	7,343	8,012	8,301	8,502	12,326	14,201	14,890	15,957
Korea, Republic of.....	21,342	26,574	26,877	27,171	5,638	6,663	6,723	8,122	7,606	8,920	9,081	9,513
Luxembourg.....	69,984	82,456	89,732	82,972	15,930 <sup>2,3</sup>	15,579 <sup>2,3</sup>	16,909	18,018	—	—	—	—
Mexico.....	11,299	14,128	15,190	14,397	2,025	2,165	2,284	2,339	6,402	6,971	7,504	8,020
Netherlands.....	34,724	39,594	42,887	41,089	7,045	8,571	9,251	10,030	13,883	15,969	17,245	17,849
New Zealand.....	24,882	27,020	29,231	29,204	5,659	5,454	6,496	7,556	10,262	9,905	10,526	10,619
Norway.....	47,620	53,672	43,659	54,708	9,975	10,855	12,070	12,971	15,552	17,140	18,942	19,269
Poland <sup>3</sup> .....	13,573	16,312	18,062	18,910	3,165	3,804	4,682	5,167	5,593	5,576	7,063	7,776
Portugal <sup>3</sup> .....	19,967	22,638	24,962	24,935	5,646	5,898	6,276	7,288	8,787	10,398	10,373	10,481
Slovak Republic <sup>6</sup> .....	15,881	20,270	23,205	22,620	2,740	3,296	4,006	4,781	5,783	5,736	6,560	6,758
Slovenia.....	23,043	26,557	29,241	27,150	7,065	7,267	8,555	8,670	8,573	8,559	9,263	9,311
Spain.....	27,270	31,469	33,173	32,146	6,411	7,671	8,522	8,818	10,089	12,548	13,366	13,614
Sweden.....	32,770	36,785	39,321	37,192	7,861	8,773	9,524	9,709	15,946	18,361	20,014	19,961
Switzerland <sup>3</sup> .....	35,500	41,800	45,517	44,773	10,721	11,702	13,775	13,411	21,734	20,883	21,648	21,577
United Kingdom.....	31,580	34,957	36,817	34,483	6,888	8,622	9,169	9,602	13,506	15,463	15,310	16,338
United States.....	41,674	46,434	46,901	45,087	9,769	10,768	10,995	11,831	24,370	27,010	29,910	29,201
	Constant 2011 dollars											
<b>OECD average<sup>1</sup></b>	<b>\$33,140</b>	<b>\$36,291</b>	<b>\$36,002</b>	<b>\$35,204</b>	<b>\$7,775</b>	<b>\$8,035</b>	<b>\$8,542</b>	<b>\$9,012</b>	<b>\$13,116</b>	<b>\$13,555</b>	<b>\$14,066</b>	<b>\$14,114</b>
Australia.....	39,142	40,807	41,301	41,910	8,226	8,234	8,163	9,582	16,793	15,976	15,716	16,854
Austria.....	39,285	39,965	41,632	40,717	10,869	10,804	11,486	12,247	17,018	16,316	15,717	14,949
Belgium.....	36,946	37,604	38,530	38,477	8,415	9,040	10,140	10,258	13,776	14,626	15,693	16,192
Canada.....	—	42,183	40,246	—	8,954 <sup>2</sup>	9,100 <sup>2</sup>	9,399 <sup>2</sup>	—	26,871 <sup>3,4</sup>	22,677 <sup>3</sup>	21,869 <sup>3</sup>	—
Chile.....	14,553	—	14,737	15,284	2,417	2,266	2,345	2,763	7,916	6,826	6,923	6,365
Czech Republic.....	23,359	26,031	27,002	26,856	4,720	5,112	5,471	5,888	7,658	8,906	8,690	8,636
Denmark <sup>5</sup> .....	38,731	39,409	41,262	40,156	10,363	10,250	10,896	11,632	17,230	17,863	18,423	19,456
Estonia.....	19,189	22,370	22,778	20,748	4,303	5,031	6,325	6,448	4,456	6,133 <sup>4</sup>	6,292 <sup>4</sup>	6,682
Finland.....	35,094	38,320	39,487	37,586	7,614	7,829	8,429	8,717	14,150	14,717	16,091	17,372
France.....	34,144	35,252	35,765	35,359	8,588	8,755	8,942	9,290	12,665	13,857	14,709	15,352
Germany.....	35,125	37,627	38,835	37,796	8,107	7,857	8,210	8,948	14,335	14,996	16,078	16,473
Greece.....	29,339	30,152	31,259	30,806	6,327 <sup>2</sup>	—	—	—	7,061	—	—	—
Hungary <sup>3</sup> .....	19,597	20,356	21,626	21,132	4,638	4,742	4,833	4,725	7,192	7,291	7,655	8,931
Iceland.....	40,971	39,408	40,776	38,498	10,153	9,708	10,181	9,760	10,913 <sup>5</sup>	10,099	10,896	10,420
Ireland.....	43,839	48,148	44,552	41,677	7,384	8,453	9,314 <sup>3</sup>	10,082 <sup>3</sup>	12,057	13,703	17,013 <sup>3</sup>	17,216 <sup>3</sup>
Israel.....	24,734	28,688	28,929	28,786	5,806	5,799	6,039	5,729	12,577	12,406	13,131	11,758
Italy.....	31,962	33,648	34,760	33,968	8,534 <sup>3</sup>	8,430 <sup>3</sup>	9,477 <sup>3</sup>	9,377 <sup>3</sup>	9,244 <sup>3</sup>	9,409	9,981	10,025
Japan <sup>5</sup> .....	34,889	36,489	35,420	33,892	8,458	8,692	8,672	8,914	14,197	15,407	15,556	16,731
Korea, Republic of.....	24,582	28,829	28,080	28,488	6,494	7,228	7,024	8,516	8,761	9,677	9,488	9,974
Luxembourg.....	80,608	89,454	93,748	86,995	18,349 <sup>2,3</sup>	16,901 <sup>2,3</sup>	17,666	18,891	—	—	—	—

See notes at end of table.



**Table 476. Gross domestic product per capita and public and private education expenditures per student, by level of education and country: Selected years, 2005 through 2009—Continued**

Country	Gross domestic product per capita				Elementary and secondary education expenditures per student				Higher education expenditures per student			
	2005	2007	2008	2009	2005	2007	2008	2009	2005	2007	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13
Mexico .....	13,014	15,327	15,870	15,095	2,333	2,349	2,386	2,452	7,374	7,563	7,840	8,409
Netherlands .....	39,996	42,954	44,807	43,082	8,115	9,299	9,665	10,517	15,991	17,324	18,016	18,715
New Zealand.....	28,659	29,313	30,539	30,620	6,519	5,917	6,786	7,923	11,820	10,746	10,997	11,134
Norway.....	54,850	58,227	45,613	57,360	11,490	11,776	12,611	13,600	17,913	18,594	19,789	20,203
Poland <sup>3</sup> .....	15,633	17,696	18,871	19,827	3,645	4,127	4,891	5,417	6,442	6,049	7,379	8,153
Portugal <sup>3</sup> .....	22,999	24,560	26,079	26,145	6,503	6,398	6,557	7,641	10,121	11,281	10,837	10,989
Slovak Republic <sup>6</sup> .....	18,292	21,990	24,244	23,717	3,156	3,575	4,186	5,012	6,661	6,223	6,854	7,086
Slovenia.....	26,542	28,810	30,549	28,466	8,137	7,883	8,938	9,091	9,875	9,285	9,677	9,763
Spain .....	31,410	34,140	34,658	33,705	7,384	8,322	8,903	9,246	11,621	13,613	13,965	14,274
Sweden.....	37,745	39,907	41,081	38,995	9,055	9,517	9,951	10,180	18,367	19,920	20,910	20,929
Switzerland <sup>3</sup> .....	40,889	45,348	47,554	46,944	12,348	12,695	14,392	14,061	25,034	22,656	22,617	22,623
United Kingdom .....	36,375	37,924	38,465	36,155	7,934	9,354	9,579	10,068	15,557	16,776	15,995	17,130
United States .....	48,001	50,375	49,000	47,274	11,252	11,682	11,488	12,404	28,070	29,302	31,249	30,616

—Not available.

<sup>1</sup>Refers to the mean of the data values for all reporting OECD countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>2</sup>Includes preprimary education.

<sup>3</sup>Public institutions only.

<sup>4</sup>Excludes occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States.

<sup>5</sup>Postsecondary non-higher-education included in both secondary and higher education.

<sup>6</sup>Occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States is included under elementary and secondary education instead of under higher education.

NOTE: Includes all expenditures by public and private education institutions (such as administration, instruction, ancillary services for students and families, and research and development) unless otherwise noted. Postsecondary non-higher-education is included in elementary and secondary education unless otherwise noted. Data adjusted to U.S. dollars using the purchasing-power-parity (PPP) index. Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

SOURCE: Organization for Economic Cooperation and Development (OECD), *Education at a Glance*, 2008 through 2012. (This table was prepared June 2012.)

**Table 477. Public and private direct expenditures on education institutions as a percentage of gross domestic product, by level of education and country: Selected years, 1995 through 2009**

	All institutions (including preprimary education and subsidies to households, not separately shown)								Elementary and secondary institutions								Higher education institutions							
	Public direct expenditures					Direct expenditures, 2009			Public direct expenditures					Direct expenditures, 2009			Public direct expenditures					Direct expenditures, 2009		
Country	1995	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	Public <sup>1</sup>	Private	Total	1995	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	Public <sup>1</sup>	Private	Total	1995	2000 <sup>1</sup>	2005 <sup>1</sup>	2007 <sup>1</sup>	2008 <sup>1</sup>	Public <sup>1</sup>	Private	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
OECD average <sup>2</sup> .....	4.9	4.9	5.0	4.8	5.1	5.4	0.9	6.3	3.5	3.4	3.5	3.3	3.5	3.7	0.3	4.0	0.9	1.0	1.0	1.0	1.1	1.1	0.5	1.6
Australia.....	4.5	4.6	4.3	3.7	3.7	4.5	1.5	6.0	3.2	3.7	3.4	2.9	3.0	3.6	0.6	4.2	1.2	0.8	0.8	0.7	0.7	0.7	0.9	1.6
Austria.....	5.3	5.4 <sup>3</sup>	5.2	5.1	5.2	5.7	0.2	5.9	3.8	3.7 <sup>3</sup>	3.5	3.5	3.5	3.8	0.1	3.9	0.9	1.2 <sup>3</sup>	1.2	1.3	1.2	1.4	0.1	1.4
Belgium.....	5.0	5.1	5.8	5.9	6.3	6.4	0.3	6.7	3.4	3.4 <sup>4</sup>	3.9	3.9	4.3	4.3	0.2	4.4	0.9	1.2 <sup>4</sup>	1.2	1.2	1.3	1.4	0.1	1.5
Canada.....	5.8	5.2	4.8	4.6	6.1	—	—	—	4.0	3.3 <sup>5</sup>	3.3 <sup>5,6</sup>	3.1 <sup>6</sup>	3.6 <sup>6</sup>	—	—	—	1.5	1.6 <sup>5</sup>	1.5 <sup>5</sup>	1.5	2.5	—	—	—
Chile.....	—	4.2	3.3	3.1	3.7	4.1	2.9	7.0	—	3.2	2.7	2.5	3.0	3.3	0.9	4.2	—	0.6	0.3	0.3	0.3	0.3	1.9	2.1
Czech Republic.....	4.8	4.2	4.1	4.1	3.9	4.2	0.6	4.8	3.4	2.8 <sup>4</sup>	2.7	2.5	2.5	2.6	0.3	2.9	0.7	0.8 <sup>4</sup>	0.8	1.0	0.9	1.0	0.2	1.3
Denmark.....	6.5	6.4 <sup>3</sup>	6.8	6.6	6.5	7.5	0.3	7.9	4.2	4.1 <sup>3,7</sup>	4.4 <sup>7</sup>	4.2 <sup>7</sup>	4.2 <sup>7</sup>	4.7 <sup>7</sup>	0.1 <sup>7</sup>	4.8 <sup>7</sup>	1.3	1.5 <sup>3,7</sup>	1.6 <sup>7</sup>	1.6 <sup>7</sup>	1.6 <sup>7</sup>	1.8 <sup>7</sup>	0.1 <sup>7</sup>	1.9 <sup>7</sup>
Estonia.....	—	—	4.7	4.7	5.5	5.9	0.4	6.3	—	—	3.5	3.3	3.8	4.1	0.1	4.2	—	—	0.9	1.1	1.1	1.3	0.3	1.6
Finland.....	6.6	5.5	5.9	5.5	5.7	6.3	0.1	6.4	4.2	3.5	3.8	3.6	3.8	4.1	#	4.1	1.7	1.7	1.6	1.6	1.8	0.1	1.9	
France.....	5.8	5.7	5.6	5.5	5.5	5.8	0.5	6.3	4.1	4.0	3.8	3.7	3.7	3.8	0.2	4.1	1.0	1.0	1.1	1.2	1.2	1.3	0.2	1.5
Germany.....	4.5	4.3	4.2	4.0	4.1	4.5	0.8	5.3	2.9	2.9	2.8	2.6	2.6	2.9	0.4	3.3	1.0	1.0	0.9	0.9	1.0	1.1	0.2	1.3
Greece.....	3.7	3.7 <sup>3</sup>	4.0	—	—	—	—	—	2.8	2.7 <sup>3,6</sup>	2.5 <sup>6</sup>	—	—	—	—	—	0.8	0.9 <sup>3</sup>	1.4	—	—	—	—	—
Hungary.....	4.9	4.4	5.1	4.9	4.8	4.8	—	—	3.3	2.8	3.3	3.2	3.0	3.0	—	—	0.8	0.9	0.9	0.9	0.9	1.0	—	—
Iceland.....	4.5	5.7 <sup>3</sup>	7.2	7.0	7.2	7.3	0.7	8.1	3.4	4.6 <sup>3</sup>	5.2 <sup>7</sup>	4.9	4.9	5.0	0.2	5.2	0.7	0.8 <sup>3</sup>	1.1 <sup>7</sup>	1.1	1.2	1.2	0.1	1.3
Ireland.....	4.7	4.1	4.3	4.4	5.2	6.0	0.4	6.3	3.3	2.9 <sup>4</sup>	3.3	3.4	4.0	4.6	0.1	4.7	0.9	1.2 <sup>4</sup>	1.0	1.0	1.2	1.4	0.3	1.6
Israel.....	—	6.6	6.2	5.9	5.9	5.8	1.3	7.2	—	4.5	4.2	3.9	4.0	3.8	0.2	4.0	—	1.1	1.0	1.0	0.9	1.0	0.6	1.6
Italy.....	4.5	4.5	4.3	4.1	4.5	4.5	0.4	4.9	3.2	3.2	3.2	3.0	3.2	3.3	0.1	3.4	0.7	0.7	0.6	0.6	0.8	0.8	0.2	1.0
Japan.....	3.6	3.5	3.4	3.3	3.3	3.6	1.7	5.2	2.8	2.7 <sup>7</sup>	2.6 <sup>7</sup>	2.5 <sup>7</sup>	2.5 <sup>7</sup>	2.7 <sup>7</sup>	0.3 <sup>7</sup>	3.0 <sup>7</sup>	0.4	0.5 <sup>7</sup>	0.5 <sup>7</sup>	0.5 <sup>7</sup>	0.5 <sup>7</sup>	0.5 <sup>7</sup>	1.0 <sup>7</sup>	1.6 <sup>7</sup>
Korea, Republic of.....	3.6	4.3	4.3	4.2	4.7	4.9	3.1	8.0	3.0	3.3	3.4	3.1	3.4	3.6	1.1	4.7	0.3	0.6	0.6	0.6	0.6	0.7	1.9	2.6
Luxembourg.....	4.3	—	—	—	—	—	—	—	4.2	—	3.7 <sup>6</sup>	3.1 <sup>6</sup>	2.8	3.2	0.1	3.3	0.1	—	—	—	—	—	—	—
Mexico.....	4.6	4.7	5.3	4.7	4.7	5.0	1.2	6.2	3.4	3.3	3.7	3.1	3.1	3.3	0.7	4.0	0.8	0.8	0.9	0.9	0.9	1.0	0.4	1.4
Netherlands.....	4.6	4.3	4.6	4.7	4.8	5.3	0.9	6.2	3.0	3.0	3.3	3.3	3.3	3.7	0.4	4.1	1.1	1.0	1.0	1.1	1.1	1.2	0.5	1.7
New Zealand.....	5.3	5.8	5.2	4.8	5.4	6.1	1.3	7.4	3.8	4.6	4.0	3.5	3.8	4.5	0.7	5.2	1.1	0.9	0.9	1.0	1.1	1.1	0.5	1.6
Norway.....	6.8	5.8	5.7	5.4	7.3	6.1	—	—	4.1	3.6	3.8	3.7	5.0	4.2	—	—	1.5	1.2	1.3	1.2	1.6	1.3	0.1	1.4
Poland.....	5.2	5.2 <sup>3</sup>	5.4	4.8	5.0	5.0	0.8	5.8	3.3	3.7 <sup>3</sup>	3.7	3.4	3.4	3.5	0.2	3.6	0.8	0.8 <sup>3</sup>	1.2	0.9	1.0	1.1	0.5	1.5
Portugal.....	5.4	5.6 <sup>3</sup>	5.3	5.1	4.7	5.5	0.4	5.9	4.1	4.1 <sup>3</sup>	3.8	3.5	3.4	4.0	#	4.0	1.0	1.0 <sup>3</sup>	0.9	1.1	0.9	1.0	0.4	1.4
Slovak Republic.....	4.6	4.0 <sup>3</sup>	3.7	3.4	3.5	4.1	0.6	4.7	—	2.7 <sup>3,4,8</sup>	2.5 <sup>8</sup>	2.3 <sup>8</sup>	2.2 <sup>8</sup>	2.7 <sup>7,8</sup>	0.3 <sup>7,8</sup>	3.1 <sup>7,8</sup>	—	0.7 <sup>3,4,8</sup>	0.7 <sup>8</sup>	0.7 <sup>8</sup>	0.7 <sup>8</sup>	0.7 <sup>7,8</sup>	0.3 <sup>7,8</sup>	0.9 <sup>7,8</sup>
Slovenia.....	—	—	5.3	4.8	4.8	5.3	0.7	6.0	—	—	3.9	3.3	3.4	3.6	0.3	4.0	—	—	1.0	1.0	1.0	1.1	0.2	1.3
Spain.....	4.8	4.3	4.1	4.2	4.5	4.9	0.7	5.6	3.5	3.1	2.7	2.7	2.9	3.1	0.2	3.3	0.8	0.9	0.9	0.9	1.0	1.1	0.3	1.3
Sweden.....	6.6	6.3	6.2	6.1	6.1	6.6	0.2	6.7	4.4	4.4 <sup>4</sup>	4.2	4.1	4.0	4.2	#	4.2	1.6	1.5 <sup>4</sup>	1.5	1.4	1.4	1.6	0.2	1.8
Switzerland.....	5.5	5.3	5.6	5.1	5.3	5.5	—	—	4.1	3.8	3.9	3.5	3.8	3.8	0.6	4.4	1.1	1.2	1.4	1.3	1.3	1.4	—	—
Turkey.....	2.2	3.4 <sup>3</sup>	—	—	—	—	—	—	1.4	2.4 <sup>3</sup>	—	—	—	—	—	—	0.8	1.0 <sup>3</sup>	—	—	—	—	—	—
United Kingdom.....	4.6	4.5	5.0	5.2	5.1	5.3	0.7	6.0	3.8	3.4	3.8	4.1	4.2	4.5	#	4.5	0.7	0.7	0.9	0.7	0.6	0.6	0.7	1.3
United States.....	5.0	4.8	4.8	5.0	5.1	5.3	2.1	7.3	3.5	3.5 <sup>5</sup>	3.5	3.7	3.8	3.9	0.3	4.3	1.1	0.9 <sup>5</sup>	1.0	1.0	1.0	1.0	1.6	2.6
Other reporting countries																								
Brazil.....	—	—	4.4	5.2	5.3	5.5	—	—	—	—	3.3	4.0	4.1	4.3	—	—	—	—	0.8	0.8	0.8	0.8	—	—
Russian Federation.....	3.4	3.0 <sup>3</sup>	3.8	6.1	4.1	4.7	0.8	5.5	1.9	1.7	1.9	3.4	2.0	2.3	0.1	2.4	0.7	0.5	0.8	1.0	0.9	1.2	0.6	1.8

—Not available.

#Rounds to zero.

<sup>1</sup>Unless otherwise noted, includes public subsidies to households for payments to education institutions and direct expenditures on education institutions from international sources.

<sup>2</sup>Refers to the mean of the data values for all reporting Organization for Economic Cooperation and Development (OECD) countries, to which each country reporting data contributes equally. The average includes all current OECD countries for which a given year's data are available, even if they were not members of OECD in that year.

<sup>3</sup>Public subsidies to households not included in public expenditures.

<sup>4</sup>Direct expenditures on education institutions from international sources exceed 1.5 percent of all public expenditures.

<sup>5</sup>Postsecondary non-higher-education included in higher education.

<sup>6</sup>Preprimary education (for children ages 3 and older) included in elementary and secondary education.

<sup>7</sup>Postsecondary non-higher-education included in both secondary and higher education.

<sup>8</sup>Occupation-specific education corresponding to that offered at the vocational associate's degree level in the United States is included in secondary education.

NOTE: Public direct expenditures on education include both amounts spent directly by governments to hire educational personnel and to procure other resources, and amounts provided by governments to public or private institutions. Private direct expenditures exclude public subsidies that are used for payments to education institutions. Postsecondary non-higher-education is included in elementary and secondary education unless otherwise noted. All institutions total includes expenditures that could not be reported by level of education. Some data have been revised from previously published figures. Detail may not sum to totals because of rounding.

SOURCE: Organization for Economic Cooperation and Development (OECD), Online Education Database; and *Education at a Glance*, 2007 through 2012. U.S. Department of Education, National Center for Education Statistics, *International Education Indicators: A Time Series Perspective, 1985–1995* (NCES 2000-021). (This table was prepared June 2012.)

## CHAPTER 7

# Libraries and Adult Education

This chapter contains statistics on libraries and adult education. These data provide a capsule description of the magnitude and availability of library resources as well as the extent of adults' involvement in educational activities other than postsecondary degree programs.

The first section of the chapter (tables 478 to 483) deals with elementary and secondary school libraries, college and university libraries, and public libraries. It contains data on collections, population served, staff, and expenditures. Table 482 provides institutional-level information for the 60 largest college libraries in the country.

The second section of the chapter (tables 484 to 486) provides information about adults' participation in various types of educational activities, including basic skills and General Educational Development (GED) classes, English as a Second Language (ESL) classes, career-related classes, and personal-interest classes. Information on participation is shown for adults having various demographic characteristics and for adults living in different states.

### Libraries

Among public schools that had a library in 2007–08, the average number of library staff per school was 1.7, including 0.8 certified library/media specialists (table 478). On average, public school libraries had larger numbers of books on a per student basis in 2007–08 (2,015 per 100 students) than in 1999–2000 (1,803 per 100 students) and 2003–04 (1,891 per 100 students). In 2007–08, public elementary school libraries had larger holdings than public secondary school libraries on a per student basis (2,316 books per 100 students, compared with 1,432 books per 100 students).

At postsecondary degree-granting institutions, library operating expenditures per full-time-equivalent (FTE) student were 1 percent higher in 2001–02 than in 1991–92, after adjustment for inflation (table 481). From 2001–02 to 2009–10, library operating expenditures per FTE student dropped 21 percent in inflation-adjusted dollars. Overall, there was a net decrease of 20 percent in library operating expenditures per FTE student between 1991–92 and 2009–10. In 2009–10, library operating expenditures per FTE student averaged \$441 (in current dollars) across all degree-granting institutions. The amount varied widely by institution control, however. Library operating expenditures averaged \$849 per FTE student attending a private nonprofit institution in 2009–10, compared with \$374 per FTE student attending a public institution, and \$71 per FTE student attending a private for-profit institution. In 2009–10,

the average number of volumes per FTE student also differed for public institutions (61 volumes), private nonprofit institutions (131 volumes), and private for-profit institutions (3 volumes). Across all degree-granting institutions, the average number of volumes per FTE student in 2009–10 was 69, which was 4 percent less than in 1991–92. The calculations of library operating expenditures and number of volumes per FTE student include both institutions with libraries and those without libraries. In 2009–10, there were libraries at 82 percent of degree-granting institutions overall, 93 percent of public institutions, 89 percent of private nonprofit institutions, and 57 percent of private for-profit institutions.

In 2009, there were 9,225 public libraries in the United States with a total of 816 million books and serial volumes (table 483). The annual number of visits per capita—that is, per resident of the areas served by the libraries—was 5.4, and the annual number of reference transactions per capita was 1.0.

### Adult Education

The percentage of adults who reported participating in any adult education courses was higher in 2005 (44 percent) than in 1995 (40 percent) (table 486). Adults are defined here as people age 17 and over who are not enrolled in high school, and the same individual could report participating in multiple types of courses. In 2005, the percentage of adults who participated in career- or job-related courses (27 percent) was higher than the percentage who participated in personal-interest courses (21 percent). About 1 percent of adults participated in each of the following three types of adult education activities: basic skills/GED classes, ESL classes, and apprenticeship programs.

Among people age 17 and over who were employed, 39 percent participated in career- or job-related courses in 2005 (table 485). Participation rates varied for employees with different characteristics. For example, employed women's participation in career- or job-related courses was higher than that of employed men in 2005 (47 percent vs. 32 percent). For employees with some vocational or technical education, employees with some college (but no degree), and employees with an associate's or higher degree, rates of participation in career- or job-related courses were generally higher than for employees with less than high school completion or high school completion. For example, 53 percent of employees whose highest level of education was a bachelor's degree took such courses in 2005, compared with 25 percent of employees whose highest level was high school completion.

**Table 478. Selected statistics on public school libraries/media centers, by level of school: 1999–2000, 2003–04, and 2007–08**  
[Standard errors appear in parentheses]

Selected statistic	1999–2000	2003–04				2007–08			
		Total	Elementary	Secondary	Combined elementary/secondary	Total	Elementary	Secondary	Combined elementary/secondary
1	2	3	4	5	6	7	8	9	10
Number of schools with libraries/media centers .....	77,300 (421)	78,300 (548)	57,400 (440)	16,300 (313)	4,600 (201)	81,900 (634)	59,700 (492)	17,800 (414)	4,400 (239)
Average number of staff per library/media center .....	1.89 (0.018)	1.76 (0.014)	1.66 (0.018)	2.09 (0.025)	1.74 (0.116)	1.72 (0.017)	1.65 (0.019)	2.04 (0.039)	1.42 (0.057)
Certified library/media specialists .....	0.81 (0.007)	0.79 (0.009)	0.73 (0.012)	1.03 (0.018)	0.73 (0.023)	0.78 (0.011)	0.73 (0.013)	0.98 (0.019)	0.66 (0.033)
Full-time .....	0.65 (0.007)	0.65 (0.009)	0.58 (0.010)	0.92 (0.018)	0.55 (0.027)	0.66 (0.010)	0.61 (0.012)	0.88 (0.018)	0.49 (0.032)
Part-time .....	0.16 (0.006)	0.14 (0.007)	0.15 (0.009)	0.11 (0.009)	0.18 (0.020)	0.13 (0.007)	0.13 (0.010)	0.10 (0.009)	0.18 (0.020)
Other professional staff .....	0.17 (0.007)	0.19 (0.008)	0.19 (0.011)	0.14 (0.010)	0.28 (0.036)	0.22 (0.010)	0.22 (0.013)	0.21 (0.021)	0.24 (0.027)
Full-time .....	0.12 (0.005)	0.13 (0.007)	0.14 (0.009)	0.11 (0.009)	0.16 (0.022)	0.13 (0.008)	0.13 (0.010)	0.14 (0.017)	0.15 (0.022)
Part-time .....	0.06 (0.004)	0.05 (0.005)	0.05 (0.006)	0.03 (0.004)	0.11 (0.031)	0.08 (0.007)	0.08 (0.009)	0.07 (0.013)	0.08 (0.017)
Other paid employees .....	0.91 (0.014)	0.78 (0.011)	0.75 (0.013)	0.93 (0.017)	0.73 (0.085)	0.72 (0.013)	0.70 (0.016)	0.86 (0.027)	0.51 (0.036)
Full-time .....	0.49 (0.008)	0.46 (0.009)	0.41 (0.011)	0.65 (0.017)	0.35 (0.028)	0.43 (0.013)	0.39 (0.016)	0.60 (0.022)	0.27 (0.028)
Part-time .....	0.41 (0.014)	0.33 (0.012)	0.34 (0.014)	0.28 (0.014)	0.38 (0.085)	0.29 (0.011)	0.31 (0.014)	0.26 (0.018)	0.24 (0.028)
Percent of libraries/media centers with certain media equipment									
Automated catalog .....	72.8 (0.69)	82.7 (0.66)	81.9 (0.89)	90.6 (0.76)	63.7 (2.59)	87.2 (0.71)	87.5 (0.94)	90.6 (1.08)	69.8 (2.88)
Automated circulation system .....	74.4 (0.65)	86.9 (0.61)	86.7 (0.82)	92.8 (0.80)	68.8 (2.45)	89.5 (0.68)	89.9 (0.87)	92.6 (0.98)	72.4 (3.15)
Media retrieval system <sup>1</sup> .....	— (†)	— (†)	— (†)	— (†)	— (†)	34.9 (1.05)	35.9 (1.33)	35.1 (1.66)	20.6 (2.32)
Connection to Internet .....	90.1 (0.57)	95.1 (0.35)	94.1 (0.48)	99.2 (0.22)	92.6 (1.40)	96.7 (0.40)	96.5 (0.51)	98.6 (0.51)	91.6 (1.90)
Digital video disc (DVD) player/video cassette recorder (VCR) .....	— (†)	87.8 (0.60)	87.0 (0.70)	90.4 (1.19)	89.1 (1.53)	87.2 (0.77)	86.7 (1.02)	89.6 (1.00)	84.5 (2.20)
Disability assistance technologies, such as TDD .....	— (†)	11.9 (0.50)	10.2 (0.61)	18.0 (0.79)	11.7 (1.34)	23.9 (1.05)	23.0 (1.33)	26.4 (1.34)	25.9 (2.76)
Percent of libraries/media centers with certain services									
Students permitted to check out laptops .....	— (†)	— (†)	— (†)	— (†)	— (†)	27.5 (1.02)	26.9 (1.27)	29.8 (1.34)	26.1 (2.57)
Staff permitted to check out laptops .....	— (†)	— (†)	— (†)	— (†)	— (†)	45.9 (1.07)	45.2 (1.35)	50.1 (1.50)	38.5 (2.85)
Number of library computer workstations per 100 students .....	— (†)	2.3 (0.04)	2.2 (0.05)	2.5 (0.05)	2.7 (0.17)	2.6 (0.05)	2.5 (0.07)	2.9 (0.06)	3.0 (0.17)
Average holdings per 100 students at the end of the school year <sup>2</sup>									
Books (number of volumes) .....	1,803 (19.7)	1,891 (45.1)	2,127 (70.2)	1,376 (20.0)	2,407 (117.7)	2,015 (30.5)	2,316 (40.2)	1,432 (36.6)	2,439 (132.3)
Audio and video materials .....	59 (0.9)	80 (3.7)	86 (5.7)	65 (2.2)	97 (13.6)	90 (3.8)	93 (5.6)	81 (5.2)	107 (13.3)
Average additions per 100 students during the school year <sup>2</sup>									
Books (number of volumes) .....	— (†)	99.3 (2.08)	118.4 (3.13)	61.2 (1.75)	109.2 (8.40)	95.3 (2.21)	113.3 (3.26)	62.1 (2.67)	103.4 (7.41)
Audio and video materials .....	— (†)	5.1 (0.19)	5.3 (0.28)	4.4 (0.20)	6.9 (0.83)	5.4 (0.49)	5.9 (0.77)	4.5 (0.41)	5.7 (0.84)
Total expenditures for library/media materials per pupil <sup>2,3</sup> .....	\$23.37 (0.438)	\$16.24 (0.322)	\$16.00 (0.469)	\$16.11 (0.320)	\$21.24 (2.498)	\$16.11 (0.461)	\$16.18 (0.591)	\$15.90 (0.647)	\$17.00 (1.216)
Books .....	9.97 (0.153)	10.99 (0.299)	11.72 (0.452)	9.68 (0.275)	10.19 (0.631)	11.40 (0.291)	11.99 (0.389)	10.26 (0.504)	12.10 (1.094)
Audio and video materials .....	1.66 (0.032)	1.14 (0.045)	1.11 (0.053)	1.11 (0.062)	1.96 ! (0.619)	1.08 (0.055)	1.06 (0.088)	1.11 (0.054)	1.16 (0.152)
Current serial subscriptions .....	1.26 (0.016)	1.38 (0.025)	1.06 (0.031)	1.87 (0.049)	2.50 (0.148)	— (†)	— (†)	— (†)	— (†)
Electronic subscriptions .....	0.81 (0.018)	0.88 (0.033)	0.39 (0.042)	1.79 (0.061)	1.25 (0.249)	— (†)	— (†)	— (†)	— (†)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 percent and 50 percent.

<sup>1</sup>Centralized video distribution equipment with a scheduling and control server that telecasts video to classrooms.

<sup>2</sup>Average holdings, acquisitions, and expenditures are from the prior school year, while enrollment counts are from the current school year.

<sup>3</sup>Includes other expenditures not separately shown.

NOTE: Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 1999–2000, 2003–04, and 2007–08; and "Charter School Questionnaire," 1999–2000. (This table was prepared November 2009.)

**Table 479. Selected statistics on public school libraries/media centers, by level and enrollment size of school: 2007–08**

[Standard errors appear in parentheses]

Selected statistic	All public school libraries/ media centers	Elementary school enrollment size					Secondary school enrollment size				
		Total	Less than 150	150 to 499	500 to 749	750 or more	Total	Less than 500	500 to 749	750 to 1,499	1,500 or more
1	2	3	4	5	6	7	8	9	10	11	12
Number of schools with libraries/media centers .....	81,900 (634)	59,700 (492)	3,300 (399)	31,100 (1054)	16,400 (812)	8,900 (534)	17,800 (414)	6,300 (353)	3,000 (246)	5,100 (273)	3,300 (198)
Average number of staff per library/media center .....	1.72 (0.017)	1.65 (0.019)	1.28 (0.099)	1.58 (0.027)	1.73 (0.045)	1.89 (0.053)	2.04 (0.039)	1.59 (0.071)	1.78 (0.068)	2.18 (0.054)	2.94 (0.081)
Certified library/media specialists .....	0.78 (0.011)	0.73 (0.013)	0.60 (0.069)	0.70 (0.019)	0.76 (0.024)	0.86 (0.030)	0.98 (0.019)	0.73 (0.035)	0.87 (0.035)	1.09 (0.026)	1.38 (0.046)
Full-time .....	0.66 (0.010)	0.61 (0.012)	0.25 (0.072)	0.53 (0.018)	0.71 (0.022)	0.81 (0.029)	0.88 (0.018)	0.57 (0.033)	0.80 (0.040)	1.02 (0.029)	1.31 (0.049)
Part-time .....	0.13 (0.007)	0.13 (0.010)	0.36 (0.070)	0.17 (0.014)	0.06 (0.016)	0.05 (0.013)	0.10 (0.009)	0.16 (0.019)	0.07 (0.020)	0.07 (0.017)	0.07 (0.022)
Other professional staff .....	0.22 (0.010)	0.22 (0.013)	0.20 (0.059)	0.23 (0.016)	0.20 (0.028)	0.21 (0.030)	0.21 (0.021)	0.27 (0.044)	0.20 (0.051)	0.16 (0.026)	0.15 (0.033)
Full-time .....	0.13 (0.008)	0.13 (0.010)	†	0.13 (0.014)	0.14 (0.021)	0.13 (0.021)	0.14 (0.017)	0.17 (0.039)	0.11 (0.027)	0.13 (0.023)	0.12 (0.025)
Part-time .....	0.08 (0.007)	0.08 (0.009)	0.10 †	0.09 (0.012)	0.06 (0.016)	0.09 (0.023)	0.07 (0.013)	0.10 (0.027)	0.09 †	0.04 †	†
Other paid employees .....	0.72 (0.013)	0.70 (0.016)	0.48 (0.068)	0.65 (0.023)	0.78 (0.039)	0.82 (0.044)	0.86 (0.027)	0.59 (0.041)	0.71 (0.050)	0.93 (0.045)	1.40 (0.068)
Full-time .....	0.43 (0.013)	0.39 (0.016)	0.13 †	0.33 (0.019)	0.46 (0.035)	0.59 (0.044)	0.60 (0.022)	0.34 (0.031)	0.51 (0.049)	0.66 (0.039)	1.07 (0.067)
Part-time .....	0.29 (0.011)	0.31 (0.014)	0.34 (0.064)	0.32 (0.023)	0.31 (0.032)	0.23 (0.036)	0.26 (0.018)	0.25 (0.032)	0.20 (0.029)	0.28 (0.035)	0.34 (0.053)
Percent of libraries/media centers with certain media equipment											
Automated catalog .....	87.2 (0.71)	87.5 (0.94)	57.1 (6.87)	86.6 (1.56)	91.6 (1.55)	94.4 (1.62)	90.6 (1.08)	79.6 (2.59)	94.0 (2.14)	97.2 (0.86)	98.4 (1.05)
Automated circulation system .....	89.5 (0.68)	89.9 (0.87)	57.1 (6.78)	89.4 (1.35)	94.8 (1.19)	95.0 (1.84)	92.6 (0.98)	83.0 (2.49)	96.0 (1.72)	98.4 (0.44)	98.7 (0.81)
Media retrieval system <sup>1</sup> .....	34.9 (1.05)	35.9 (1.33)	10.6 †	29.3 (1.62)	43.9 (2.68)	53.7 (3.51)	35.1 (1.66)	32.8 (3.39)	34.1 (3.00)	37.9 (2.85)	36.4 (3.28)
Connection to Internet .....	96.7 (0.40)	96.5 (0.51)	81.0 (5.95)	96.9 (0.55)	98.0 (0.53)	98.5 (0.70)	98.6 (0.51)	96.0 (1.42)	99.9 (0.05)	100.0 (†)	100.0 (†)
Digital video disc (DVD) player/video cassette recorder(VCR) .....	87.2 (0.77)	86.7 (1.02)	80.0 (5.53)	86.3 (1.27)	87.4 (1.71)	89.1 (2.21)	89.6 (1.00)	87.3 (2.11)	89.9 (2.67)	92.3 (1.80)	89.3 (2.80)
Disability assistance technologies, such as TDD .....	23.9 (1.05)	23.0 (1.33)	14.7 (3.85)	20.2 (1.68)	24.6 (2.08)	33.1 (3.20)	26.4 (1.34)	18.4 (1.91)	26.7 (3.14)	28.4 (2.06)	38.0 (3.38)
Percent of libraries/media centers with certain services											
Students permitted to check out laptops .....	27.5 (1.02)	26.9 (1.27)	22.5 (6.15)	25.7 (1.72)	27.0 (2.23)	32.4 (3.13)	29.8 (1.34)	29.2 (2.84)	29.9 (3.18)	31.0 (2.40)	29.0 (2.76)
Staff permitted to check out laptops .....	45.9 (1.07)	45.2 (1.35)	30.7 (6.44)	42.4 (1.97)	48.4 (2.83)	54.6 (4.01)	50.1 (1.50)	46.3 (3.06)	49.7 (3.38)	54.5 (2.50)	51.1 (3.39)
Number of library computer workstations per 100 students .....	2.6 (0.05)	2.5 (0.07)	8.8 (1.24)	3.2 (0.13)	2.1 (0.10)	1.7 (0.11)	2.9 (0.06)	5.9 (0.28)	3.8 (0.22)	2.9 (0.10)	1.9 (0.08)
Average holdings per 100 students at the end of the school year <sup>2</sup>											
Books (number of volumes) .....	2,015 (30.5)	2,316 (40.2)	6,384 (531.1)	2,993 (67.3)	2,117 (45.7)	1,559 (85.2)	1,432 (36.6)	3,203 (162.4)	1,854 (101.1)	1,332 (34.1)	975 (40.6)
Audio and video materials .....	90 (3.8)	93 (5.6)	157 (36.7)	105 (5.9)	89 (6.2)	82 (16.1)	81 (5.2)	132 (14.4)	138 (30.0)	83 (8.5)	52 (4.1)
Average additions per 100 students during the school year <sup>2</sup>											
Books (number of volumes) .....	95.3 (2.21)	113.3 (3.26)	247.0 (38.53)	134.9 (5.28)	106.4 (5.76)	89.6 (6.32)	62.1 (2.67)	124.8 (11.48)	81.1 (8.27)	61.3 (4.78)	42.7 (2.66)
Audio and video materials .....	5.4 (0.49)	5.9 (0.77)	7.6 (2.14)	5.7 (0.44)	4.9 (0.55)	7.1 †	4.5 (0.41)	6.4 (0.59)	6.1 (1.44)	4.8 (0.65)	3.4 (0.60)
Total expenditures for library/media materials per pupil <sup>2,3</sup> .....	\$16.11 (0.461)	\$16.18 (0.591)	\$43.28 (11.551)	\$18.49 (0.700)	\$14.63 (0.799)	\$14.11 (1.496)	\$15.90 (0.647)	\$27.86 (3.234)	\$18.51 (1.931)	\$16.68 (1.171)	\$11.75 (0.773)
Books .....	11.40 (0.291)	11.99 (0.389)	21.99 (4.023)	13.80 (0.539)	11.25 (0.679)	10.23 (0.836)	10.26 (0.504)	17.30 (1.454)	13.47 (1.905)	10.87 (1.103)	7.26 (0.386)
Audio and video materials .....	1.08 (0.055)	1.06 (0.088)	†	1.24 (0.154)	0.88 (0.082)	1.01 (0.180)	1.11 (0.054)	1.57 (0.157)	1.20 (0.151)	1.19 (0.102)	0.91 (0.085)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 percent and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Centralized video distribution equipment with a scheduling and control server that telecasts video to classrooms.<sup>2</sup>Average holdings, acquisitions, and expenditures are from the prior school year, while enrollment counts are from the current school year.<sup>3</sup>Includes other expenditures not separately shown.

NOTE: Total includes combined elementary/secondary schools not separately shown. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 2007–08. (This table was prepared November 2009.)

**Table 480. Selected statistics on public school libraries/media centers, by state: 2007–08**  
[Standard errors appear in parentheses]

State	Percent of libraries/media centers offering selected services/equipment							Average number of staff per library/media center <sup>2</sup>	Books (number of volumes) held at end of year per 100 students <sup>3</sup>	Books (number of volumes) acquired during year per 100 students <sup>3</sup>	Total expenditure for materials per student <sup>3</sup>	Number of library computer workstations per 100 students
	Automated catalog	Automated circulation system	Laptops for student use outside of library/media center	Laptops for staff use outside of library/media center	Media retrieval system <sup>1</sup>	Connection to the Internet	DVD player/VCR					
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States .....</b>	<b>87.2 (0.71)</b>	<b>89.5 (0.68)</b>	<b>27.5 (1.02)</b>	<b>45.9 (1.07)</b>	<b>34.9 (1.05)</b>	<b>96.7 (0.40)</b>	<b>87.2 (0.77)</b>	<b>1.7 (0.02)</b>	<b>2,015 (30.5)</b>	<b>95 (2.2)</b>	<b>\$16.1 (0.46)</b>	<b>2.6 (0.05)</b>
Alabama .....	91.5 (3.03)	95.0 (2.23)	30.2 (5.01)	55.3 (5.27)	29.4 (4.74)	99.3 (0.86)	96.4 (2.30)	1.8 (0.07)	1,888 (93.3)	105 (7.0)	19.3 (2.10)	2.4 (0.20)
Alaska .....	72.4 (5.91)	67.8 (6.19)	32.0 (5.22)	37.8 (5.18)	18.9 (4.88)	83.9 (5.78)	68.7 (6.94)	1.1 (0.08)	3,427 (316.7)	114 (14.0)	12.8 (1.09)	3.0 (0.36)
Arizona .....	79.6 (4.05)	82.6 (3.83)	25.9 (6.26)	36.5 (7.11)	46.4 (4.46)	96.8 (2.72)	87.4 (4.50)	1.8 (0.15)	2,083 (162.3)	101 (11.7)	12.7 (1.07)	2.5 (0.29)
Arkansas .....	89.0 (3.88)	94.9 (2.67)	18.2 (4.04)	40.8 (4.96)	36.8 (3.99)	98.6 (1.54)	90.2 (2.96)	1.6 (0.06)	2,353 (449.9)	106 (11.5)	17.0 (1.12)	2.5 (0.21)
California .....	85.2 (2.97)	92.2 (2.09)	11.1 (2.28)	29.5 (3.74)	17.9 (3.32)	95.6 (1.76)	65.1 (4.29)	1.4 (0.06)	1,740 (144.3)	79 (11.1)	13.0 (1.92)	1.6 (0.14)
Colorado .....	95.6 (3.03)	90.4 (3.64)	29.2 (5.71)	49.3 (6.34)	27.7 (5.15)	98.2 (2.35)	88.6 (4.65)	1.9 (0.19)	2,102 (107.1)	96 (8.1)	15.4 (1.17)	4.0 (0.42)
Connecticut .....	83.8 (4.46)	83.9 (4.60)	21.4 (4.02)	33.7 (5.29)	27.9 (4.71)	97.4 (1.88)	89.0 (3.79)	1.9 (0.09)	2,252 (111.6)	100 (6.9)	18.9 (1.16)	3.5 (0.22)
Delaware .....	93.8 (2.10)	95.0 (1.61)	26.1 (5.10)	44.8 (6.25)	20.5 (4.63)	97.2 (1.04)	87.3 (3.38)	1.4 (0.06)	1,849 (70.8)	74 (7.1)	10.7 (0.93)	2.8 (0.29)
District of Columbia .....	57.4 (6.15)	68.8 (5.03)	13.5 (3.54)	26.6 (5.16)	21.2 (3.69)	89.2 (2.81)	73.2 (4.87)	1.0 (0.07)	2,048 (245.8)	228 (36.3)	23.2 (4.09)	2.7 (0.27)
Florida .....	94.5 (2.07)	94.3 (2.18)	19.2 (3.20)	64.1 (4.58)	67.5 (3.78)	99.4 (0.63)	90.7 (2.75)	1.9 (0.06)	1,576 (73.4)	77 (7.5)	13.3 (1.01)	2.5 (0.21)
Georgia .....	98.5 (1.08)	98.5 (1.08)	36.6 (5.48)	66.1 (5.26)	81.4 (4.65)	99.6 (0.37)	97.8 (1.59)	2.1 (0.06)	1,745 (91.0)	90 (12.6)	15.4 (1.75)	2.0 (0.14)
Hawaii .....	96.5 (1.70)	97.5 (1.83)	17.9 (4.91)	39.5 (6.01)	44.4 (7.30)	97.8 (1.51)	84.1 (3.63)	1.6 (0.09)	2,296 (116.8)	91 (8.5)	11.6 (0.81)	2.4 (0.20)
Idaho .....	82.7 (6.15)	87.6 (6.43)	20.0 (5.61)	26.8 (5.52)	28.4 (4.88)	91.8 (5.12)	83.0 (5.98)	1.6 (0.10)	2,141 (117.8)	79 (21.0)	11.0 (0.99)	2.9 (0.25)
Illinois .....	77.1 (4.90)	81.9 (4.94)	32.6 (4.77)	51.0 (5.18)	21.4 (4.58)	92.2 (3.87)	87.8 (3.35)	1.9 (0.11)	2,039 (109.1)	95 (10.1)	14.1 (1.05)	2.9 (0.27)
Indiana .....	89.0 (4.40)	89.0 (4.77)	34.3 (5.42)	51.1 (5.48)	35.6 (6.33)	95.4 (3.32)	94.4 (3.78)	1.9 (0.20)	2,172 (116.8)	96 (12.9)	16.2 (1.36)	2.6 (0.32)
Iowa .....	83.2 (4.98)	90.5 (4.28)	39.7 (5.70)	45.5 (6.80)	18.3 (4.87)	98.2 (1.96)	92.6 (5.05)	1.9 (0.09)	2,524 (145.2)	104 (8.9)	15.2 (1.60)	5.0 (0.59)
Kansas .....	91.7 (4.37)	91.1 (3.91)	54.4 (7.94)	58.9 (8.22)	23.4 (7.24)	94.6 (3.52)	94.0 (3.52)	1.9 (0.08)	3,224 (341.8)	124 (15.0)	22.5 (5.96)	3.4 (0.75)
Kentucky .....	90.9 (4.25)	92.4 (4.35)	27.1 (6.60)	49.8 (7.47)	71.1 (7.52)	95.6 (2.87)	94.0 (2.67)	1.7 (0.13)	2,000 (118.4)	114 (21.9)	17.5 (3.45)	2.6 (0.28)
Louisiana .....	84.5 (6.24)	87.2 (5.66)	21.6 (5.22)	42.9 (5.93)	26.0 (4.74)	97.0 (2.56)	89.4 (4.92)	1.2 (0.09)	2,010 (147.8)	101 (17.9)	17.3 (3.18)	2.6 (0.25)
Maine .....	73.8 (7.69)	71.5 (7.04)	43.2 (6.23)	45.5 (7.18)	9.5 (4.33)	88.4 (5.64)	73.4 (7.00)	1.7 (0.13)	3,650 (343.9)	168 (24.8)	27.9 (1.74)	2.8 (0.36)
Maryland .....	91.4 (4.01)	99.5 (0.42)	32.2 (8.51)	53.6 (8.02)	54.0 (5.29)	97.4 (2.40)	90.6 (4.39)	1.5 (0.19)	1,635 (84.4)	88 (9.9)	19.6 (3.04)	2.9 (0.39)
Massachusetts .....	75.0 (5.55)	74.7 (5.54)	32.6 (5.04)	33.7 (4.82)	18.2 (4.01)	98.2 (1.18)	80.3 (4.67)	1.3 (0.08)	1,868 (123.1)	75 (6.8)	12.1 (1.11)	2.8 (0.24)
Michigan .....	83.4 (4.39)	90.6 (3.91)	33.6 (6.07)	49.3 (6.01)	48.8 (5.94)	99.8 (0.22)	92.8 (2.70)	1.5 (0.09)	2,136 (135.7)	62 (6.2)	9.0 (0.74)	4.7 (0.40)
Minnesota .....	92.2 (2.68)	93.6 (2.39)	32.7 (4.35)	60.1 (4.46)	39.3 (3.88)	96.4 (1.90)	97.5 (0.89)	2.0 (0.08)	2,475 (136.2)	108 (9.8)	16.2 (1.46)	4.7 (0.40)
Mississippi .....	75.8 (4.10)	85.6 (3.44)	20.0 (3.76)	45.6 (4.79)	31.6 (5.01)	95.5 (2.25)	88.6 (3.39)	1.5 (0.08)	1,778 (158.4)	143 (36.7)	18.5 (5.42)	2.2 (0.17)
Missouri .....	93.9 (2.84)	92.8 (2.99)	18.3 (5.71)	35.6 (6.32)	20.6 (4.04)	98.4 (1.09)	96.0 (2.61)	1.7 (0.10)	2,439 (89.7)	141 (12.4)	25.5 (2.16)	2.9 (0.25)
Montana .....	71.0 (3.93)	74.3 (3.31)	27.4 (3.76)	43.5 (4.84)	12.5 (3.15)	87.5 (3.51)	85.4 (2.88)	1.6 (0.07)	3,282 (154.3)	153 (11.4)	24.7 (3.25)	4.1 (0.25)
Nebraska .....	83.1 (5.27)	82.0 (6.04)	42.7 (5.60)	50.9 (5.57)	29.8 (5.94)	93.2 (3.63)	96.8 (2.50)	1.9 (0.10)	3,063 (208.8)	103 (8.2)	20.0 (1.52)	5.5 (0.75)
Nevada .....	84.8 (5.44)	93.1 (3.81)	21.1 (4.59)	32.8 (4.81)	60.5 (5.58)	97.9 (2.90)	83.5 (4.20)	1.6 (0.07)	1,695 (70.4)	107 (13.8)	14.0 (1.81)	1.5 (0.10)
New Hampshire .....	84.6 (3.76)	83.7 (3.86)	45.5 (4.96)	44.9 (4.72)	8.0 (2.06)	97.4 (2.07)	91.8 (3.30)	1.8 (0.07)	2,314 (101.1)	111 (7.1)	26.0 (2.17)	2.6 (0.17)
New Jersey .....	78.2 (7.17)	84.2 (5.37)	29.2 (9.32)	42.2 (11.24)	26.8 (6.91)	93.9 (4.35)	82.7 (6.87)	1.6 (0.11)	2,002 (129.6)	70 (11.7)	14.3 (1.33)	2.6 (0.31)
New Mexico .....	77.8 (8.20)	83.2 (8.38)	18.6 (7.36)	38.8 (9.01)	18.1 (4.91)	93.1 (7.64)	90.7 (7.64)	1.4 (0.14)	2,238 (117.6)	173 (32.3)	25.6 (7.14)	2.4 (0.23)
New York .....	79.9 (6.10)	77.5 (6.36)	27.3 (7.74)	41.1 (7.07)	17.4 (5.51)	96.9 (4.34)	82.6 (5.87)	1.9 (0.09)	1,912 (171.0)	97 (10.4)	16.8 (1.94)	2.6 (0.54)
North Carolina .....	97.4 (1.59)	97.5 (1.65)	25.8 (6.12)	71.9 (6.73)	60.8 (5.62)	97.4 (1.63)	99.1 (0.56)	1.9 (0.08)	1,874 (104.2)	98 (7.4)	16.4 (1.29)	2.6 (0.23)
North Dakota .....	72.3 (4.82)	66.6 (5.05)	40.5 (4.54)	47.7 (4.79)	13.0 (2.48)	97.9 (1.25)	77.6 (4.19)	1.6 (0.10)	3,876 (397.6)	166 (24.0)	22.2 (1.86)	3.2 (0.37)
Ohio .....	90.0 (3.87)	91.1 (3.98)	22.9 (5.27)	37.1 (6.20)	36.4 (6.17)	98.1 (1.89)	83.4 (5.00)	1.5 (0.11)	1,864 (165.7)	76 (14.5)	13.5 (3.02)	2.7 (0.29)
Oklahoma .....	80.7 (3.68)	86.3 (2.52)	25.7 (3.19)	42.8 (4.07)	19.0 (3.02)	96.2 (2.88)	95.1 (1.73)	1.9 (0.06)	2,152 (98.0)	105 (11.5)	17.8 (1.33)	2.9 (0.22)
Oregon .....	77.8 (6.25)	82.2 (6.12)	35.2 (5.53)	47.0 (6.38)	27.3 (5.19)	98.5 (1.47)	89.7 (5.89)	1.8 (0.18)	3,041 (340.0)	103 (19.1)	11.9 (1.33)	3.8 (0.37)
Pennsylvania .....	91.4 (4.74)	91.4 (4.74)	28.8 (5.44)	37.3 (6.87)	30.1 (6.19)	98.6 (1.37)	77.2 (4.60)	1.8 (0.11)	2,054 (132.0)	90 (9.1)	17.4 (2.10)	2.5 (0.21)
Rhode Island .....	86.4 (5.24)	90.0 (4.37)	17.4 (5.86)	31.3 (6.21)	12.6 (4.16)	96.2 (2.74)	85.8 (5.21)	1.7 (0.08)	1,705 (85.1)	80 (8.7)	13.6 (1.14)	2.7 (0.27)
South Carolina .....	97.6 (1.16)	98.3 (1.17)	37.1 (3.96)	72.9 (3.44)	81.1 (2.96)	99.2 (0.80)	92.7 (2.20)	2.0 (0.03)	1,859 (70.4)	99 (8.3)	17.9 (1.33)	2.3 (0.11)
South Dakota .....	68.9 (5.38)	72.1 (5.31)	31.6 (4.34)	34.4 (4.40)	13.6 (2.86)	88.7 (3.26)	86.5 (3.67)	1.6 (0.10)	3,321 (221.1)	155 (17.8)	28.1 (3.71)	3.1 (0.22)
Tennessee .....	90.3 (3.58)	94.3 (3.10)	24.6 (5.69)	41.1 (6.47)	32.5 (5.37)	98.0 (2.35)	88.2 (4.84)	1.6 (0.08)	1,788 (146.7)	75 (6.2)	12.1 (0.97)	2.2 (0.23)
Texas .....	95.9 (1.55)	96.1 (1.58)	30.6 (6.46)	48.8 (6.29)	43.4 (7.18)	98.8 (0.78)	91.5 (3.46)	1.8 (0.07)	1,910 (107.2)	99 (11.5)	18.7 (2.69)	2.0 (0.15)
Utah .....	92.6 (5.21)	92.3 (5.98)	10.6 (2.95)	31.6 (5.61)	41.7 (5.16)	93.5 (2.27)	93.2 (4.32)	1.6 (0.12)	1,554 (137.5)	93 (11.3)	14.7 (1.79)	2.0 (0.20)
Vermont .....	80.0 (8.05)	77.2 (7.68)	46.6 (9.17)	52.0 (10.37)	†	97.9 (3.26)	92.1 (4.91)	1.7 (0.10)	3,828 (307.4)	171 (17.5)	32.5 (2.88)	3.5 (0.73)
Virginia .....	94.9 (1.92)	96.6 (1.41)	47.1 (4.69)	68.8 (3.91)	56.4 (4.08)	98.4 (0.99)	98.2 (1.20)	2.0 (0.06)	1,840 (70.6)	104 (6.1)	18.4 (1.62)	2.3 (0.24)
Washington .....	86.0 (3.87)	91.5 (3.27)	21.0 (4.38)	41.5 (4.92)	36.7 (5.18)	93.8 (2.62)	86.2 (3.43)	1.8 (0.17)	2,282 (108.6)	98 (11.7)	12.0 (0.95)	3.0 (0.21)
West Virginia .....	61.3 (6.64)	64.4 (5.86)	20.5 (3.13)	37.0 (4.37)	25.2 (4.49)	93.0 (2.97)	78.3 (4.83)	0.9 (0.04)	1,881 (207.0)	61 (6.8)	8.6 (0.46)	3.6 (0.33)
Wisconsin .....	94.5 (2.89)	94.1 (3.33)	24.7 (3.97)	46.9 (5.59)	30.2 (5.26)	94.5 (3.45)	97.5 (2.00)	2.1 (0.09)	2,894 (140.3)	180 (14.0)	35.6 (2.07)	4.6 (0.36)
Wyoming .....	87.3 (3.87)	92.0 (3.46)	35.6 (3.87)	39.6 (4.19)	16.8 (3.12)	97.1 (1.98)	89.7 (2.75)	1.7 (0.09)	3,481 (170.5)	145 (27.1)	25.2 (2.34)	5.2 (0.34)

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 percent and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>Centralized video distribution equipment with a scheduling and control server that telecasts video to classrooms.

<sup>2</sup>Includes professional and nonprofessional staff.

<sup>3</sup>Average holdings, acquisitions, and expenditures are from the prior school year, while enrollment counts are from the current school year.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 2007–08. (This table was prepared November 2009.)

**Table 481. Collections, staff, and operating expenditures of degree-granting institution libraries: Selected years, 1981–82 through 2009–10**

Collections, staff, and operating expenditures	1981–82	1987–88	1991–92	1997–98	2001–02	2003–04	2005–06	2007–08	2009–10			
									Total	Public	Private nonprofit	Private for-profit
1	2	3	4	5	6	7	8	9	10	11	12	13
Number of libraries .....	3,104	3,438	3,274	3,568	3,568	3,653	3,617	3,827	3,689	1,559	1,449	681
Percentage of institutions with libraries .....	—	—	—	90.0	85.0	86.2	84.6	87.9	82.1	93.2	89.2	56.8
Number of circulation transactions (in thousands)...	—	—	—	216,067	189,248	200,204	187,236	178,766	176,736	116,084	58,660	1,992
Number of circulation transactions per full-time equivalent (FTE) student .....	—	—	—	20	16	16	14	13	11	11	18	1
Enrollment (in thousands)												
Total enrollment <sup>1</sup> .....	12,372	12,767	14,359	14,502	15,928	16,911	17,487	18,248	20,428	14,811	3,765	1,852
Full-time-equivalent (FTE) enrollment <sup>1</sup> .....	9,015	9,230	10,361	10,615	11,766	12,688	13,201	13,783	15,496	10,750	3,178	1,568
<b>Collections (in thousands)</b>												
Number of volumes at end of year .....	567,826	718,504	749,429	878,906	954,030	982,590	1,015,658	1,052,531	1,076,027	654,865	416,144	5,019
Number of volumes added during year .....	19,507	21,907	20,982	24,551	24,574	24,615	22,241	23,990	27,164	15,249	11,419	495
Number of serial subscriptions at end of year <sup>2</sup> .....	4,890	6,416	6,966	10,908	9,855	12,764	16,361	25,342	25,041	13,714	10,869	459
Microform units at end of year .....	—	—	—	1,062,082	1,143,678	1,173,287	1,166,295	1,157,365	1,124,941	768,270	355,326	1,344
E-books at end of year .....	—	—	—	—	10,318	32,775	64,366	102,502	158,652	91,552	61,554	5,546
Number of volumes per FTE student .....	63	78	72	83	81	77	77	76	69	61	131	3
<b>Full-time-equivalent (FTE) library staff</b>												
Total staff in regular positions <sup>3</sup> .....	58,476	67,251	67,166	68,337	69,526	69,047	69,615	69,328	66,562	40,907	24,092	1,563
Librarians and professional staff .....	23,816	25,115	26,341	30,041	32,053	32,280	33,265	34,520	34,147	19,706	13,166	1,274
Other paid staff .....	34,660	40,733	40,421	38,026	37,473	36,767	36,350	34,808	32,415	21,201	10,925	289
Contributed services .....	—	1,403	404	270	—	—	—	—	—	—	—	—
Student assistants .....	—	33,821	29,075	28,373	25,305	25,038	23,976	24,110	22,382	12,700	9,017	665
FTE student enrollment per FTE staff member .....	154	137	154	155	169	184	190	199	233	263	132	1,003
<b>Library operating expenditures<sup>4</sup></b>												
Total operating expenditures												
(in thousands of current dollars) .....	\$1,943,769	\$2,770,075	\$3,648,654	\$4,592,657	\$5,416,716	\$5,751,247	\$6,234,192	\$6,785,542	\$6,829,108	\$4,019,666	\$2,697,599	\$111,843
Salaries and wages .....	914,379 <sup>5</sup>	1,451,551	1,889,368	2,314,380	2,753,404	2,913,221	3,102,561	3,342,082	3,401,649	2,055,389	1,280,579	65,681
Student hourly wages .....	100,847	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Fringe benefits .....	167,515	—	—	—	—	—	—	—	—	—	—	—
Preservation .....	30,351	34,144	43,126	42,919	46,499	42,976	41,102	41,591	31,212	17,436	13,682	94
Furniture/equipment .....	—	—	—	57,013	—	—	—	—	—	—	—	—
Computer hardware/software .....	—	—	—	164,379	155,791	143,042	153,002	158,698	142,652	92,073	48,684	1,894
Bibliographic utilities/networks/consortia .....	—	—	—	89,618	92,242	101,293	106,268	113,427	117,838	67,772	49,028	1,037
Information resources <sup>7</sup> .....	561,199	891,281	1,197,293	1,600,995	1,944,490	2,114,555	2,334,382	2,621,491	2,649,086	1,514,816	1,094,136	40,135
Books and serial backfiles—paper .....	—	—	—	514,048	563,007	550,599	572,228	611,192	515,942	277,021	229,619	9,301
Books and serial backfiles—electronic .....	—	—	—	28,061	44,792	65,597	93,778	133,586	152,359	87,571	60,255	4,533
Current serials—paper .....	—	—	—	849,399	926,105	883,534	830,137	699,906	536,357	296,777	232,210	7,370
Current serials—electronic .....	—	—	—	125,470	297,657	480,138	691,585	1,004,393	1,249,726	760,412	474,194	15,121
Audiovisual materials .....	—	—	23,879	30,623	37,041	35,216	39,029	43,849	55,659	23,165	30,145	2,350
Document delivery/interlibrary loan .....	—	—	—	19,309	22,913	24,823	26,513	30,496	33,679	20,679	11,953	1,047
Other collection expenditures .....	561,199	891,281	1,173,414	34,086	52,976	74,648	81,113	98,069	105,364	49,191	55,760	413
Other library operating expenditures .....	169,478	393,099	518,867	323,354	424,290	436,160	496,877	508,253	486,672	272,179	211,491	3,002
Operating expenditures per full-time-equivalent (FTE) student												
In current dollars .....	216	300	352	433	460	453	472	492	441	374	849	71
In constant 2011–12 dollars <sup>8</sup> .....	521	590	580	609	588	554	540	529	463	393	891	75
Information resource expenditures per FTE student												
In current dollars .....	62	97	116	151	165	167	177	190	171	141	344	26
In constant 2011–12 dollars <sup>8</sup> .....	151	190	190	212	211	204	202	204	179	148	362	27
Operating expenditures (percentage distribution) ..	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries and wages .....	47.0	52.4	51.8	50.4	50.8	50.7	49.8	49.3	49.8	51.1	47.5	58.7
Student hourly wages .....	5.2	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )
Fringe benefits .....	8.6	—	—	—	—	—	—	—	—	—	—	—
Preservation .....	1.6	1.2	1.2	0.9	0.9	0.7	0.7	0.6	0.5	0.4	0.5	0.1
Information resources .....	28.9	32.2	32.8	34.9	35.9	36.8	37.4	38.6	38.8	37.7	40.6	35.9
Other <sup>9</sup> .....	8.7	14.2	14.2	13.8	12.4	11.8	12.1	11.5	10.9	10.7	11.5	5.3
Library operating expenditures as a percent of total institutional expenditures for educational and general purposes .....	3.5	3.2	3.0	—	—	—	—	—	—	—	—	—

—Not available.

<sup>1</sup>Fall enrollment for the academic year specified.<sup>2</sup>For 1997–98 and later years, includes microform and electronic serials.<sup>3</sup>Excludes student assistants.<sup>4</sup>Excludes capital outlay.<sup>5</sup>Includes salary equivalents of contributed services staff.<sup>6</sup>Included under salaries and wages.<sup>7</sup>Includes resources not listed.<sup>8</sup>Constant dollars based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.<sup>9</sup>Includes furniture/equipment, computer hardware/software, and bibliographic utilities/networks/consortia as well as expenditures classified as "other library operating expenditures."

NOTE: Data through 1995 are for institutions of higher education, while later data are for degree-granting institutions. Degree-granting institutions grant associate's or higher degrees and participate in Title IV federal financial aid programs. The degree-granting classification is very similar to the earlier higher education classification, but it includes more 2-year colleges and excludes a few higher education institutions that did not grant degrees. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities*, 1981–82; Integrated Postsecondary Education Data System (IPEDS), "Academic Libraries Survey" (IPEDS-L:88–98), "Fall Enrollment Survey" (IPEDS-EF:87–98), and IPEDS Spring 2002 through Spring 2010, Enrollment component; Academic Libraries Survey (ALS), 2000 through 2010; and *Academic Libraries: 2010* (NCES 2012-365). (This table was prepared November 2012.)

**Table 482. Collections, staff, operating expenditures, public service hours, and reference services of the 60 largest college and university libraries: Fiscal year 2010**

Institution	Rank order, by number of volumes	Number of volumes at end of year (in thousands)	Number of e-books at end of year	Number of serials at end of year	Full-time-equivalent staff		Operating expenditures (in thousands of current dollars)		Public service hours per typical week	Gate count per typical week <sup>1</sup>	Annual reference information services to individuals <sup>2</sup>	
					Total	Librarians	Total	Salaries and wages			Total	Consultations of 20 minutes or more
1	2	3	4	5	6	7	8	9	10	11	12	13
Harvard University (MA).....	1	16,833	161,554	157,854	1,089	394	\$133,427	\$84,272	168	28,867 <sup>3</sup>	196,992	12,336
University of Illinois at Urbana-Champaign.....	2	13,159	453,562	123,857	483	105	40,327	21,218	144	125,938	109,918	—
Yale University (CT).....	3	12,788	1,000,000	106,481	621	168	84,140	36,189	111	28,867 <sup>3</sup>	37,765	554
University of California, Berkeley.....	4	11,335	879,868	108,130	472	90	42,424	20,114	77	29,636	77,895	3,086
University of Michigan, Ann Arbor.....	5	10,779	1,875,374	83,062	719	223	67,223	33,396	168	85,770	128,565	5,093
Columbia University in the City of New York.....	6	10,265	1,061,823	167,721	533	156	55,913	26,129	109	79,028	133,868	8,383
University of Texas at Austin.....	7	9,991	633,376	100,006	533	135	46,276	22,206	120	99,302	38,398	1,128
University of California, Los Angeles.....	8	9,152	982,907	78,463	532	113	46,007	25,361	96	61,748	105,269	471
Stanford University (CA).....	9	8,819	588,809	35,877	664	151	69,129	31,922	105	20,974	110,745	6,935
Indiana University, Bloomington.....	10	8,678	940,231	106,138	482	99	33,899	15,796	168	88,998	134,561	—
University of Chicago (IL).....	11	8,367	1,470,379	116,750	306	70	33,320	13,150	146	32,535	16,842	226
University of Wisconsin, Madison.....	12	7,977	444,529	103,844	580	228	41,334	22,174	148	119,697	97,925	701
Cornell University (NY).....	13	7,532	642,103	104,000	486	106	44,200	21,643	145	79,710	71,454	4,475
University of Minnesota, Twin Cities.....	14	7,111	415,831	109,681	380	101	40,734	18,181	107	45,850	66,184	6,306
Princeton University (NJ).....	15	7,075	282,214	59,942	401	86	52,829	21,571	120	11,017	17,964	2,325
University of Washington, Seattle Campus.....	16	7,013	469,807	63,221	418	126	36,926	19,131	138	125,000	74,863	2,965
University of North Carolina at Chapel Hill.....	17	6,189	823,314	87,686	455	147	41,659	19,672	142	65,984	102,130	—
Duke University (NC).....	18	6,172	217,916	111,851	347	110	40,058	17,473	149	24,954	118,629	23,726
Ohio State University, Main Campus.....	19	6,162	463,952	90,965	455	79	42,440	16,981	168	69,870	12,360	9,305
University of Pittsburgh, Main Campus (PA).....	20	6,148	681,238	58,000	330	118	32,763	12,119	118	41,202 <sup>3</sup>	111,814	—
University of Pennsylvania.....	21	5,929	509,365	98,145	392	121	40,461	18,556	116	40,000	5,180	324
University of Arizona.....	22	5,538	832,443	26,670	233	62	25,402	8,882	142	41,678	29,302	750
Pennsylvania State University, Main Campus.....	23	5,467	200,000	109,132	588	140	50,451	25,673	148	129,951	174,795	50,461
Michigan State University.....	24	5,453	592,024	110,673	245	68	25,409	10,517	138	81,300	62,758	2,486
University of Virginia, Main Campus.....	25	5,167	440,911	185,140	350	101	31,488	17,056	149	78,532	106,634	4,662
Rutgers University, New Brunswick (NJ).....	26	5,115	376,155	87,902	294	58	23,755	13,590	105	52,313	56,037	—
Northwestern University (IL).....	27	5,048	370,629	26,830	341	101	29,933	14,008	122	29,132	68,355	—
University of Oklahoma, Norman Campus.....	28	5,046	936,050	92,336	152	37	16,579	4,598	117	22,000	31,182	—
University of California, Davis.....	29	5,039	484,795	73,649	193	52	20,485	9,226	96	36,746	63,354	16,140
University of Colorado at Boulder.....	30	4,983	758,891	85,771	238	62	25,659	10,158	128	71,853	65,608	—
University of Kansas.....	31	4,877	404,676	18,313	253	61	19,536	9,398	140	31,790	95,233	4,632
University of Georgia.....	32	4,810	383,014	93,148	267	74	22,569	10,063	137	15,000	39,466	2,224
University of Florida.....	33	4,725	477,867	109,181	391	87	28,546	13,445	105	59,164	51,499	—
New York University.....	34	4,673	698,666	111,962	470	63	52,605	22,911	126	60,196	61,022	—
University of Iowa.....	35	4,639	946,531	68,653	207	61	23,649	9,453	116	35,000	73,528	2,913
Texas A & M University.....	36	4,577	936,270	108,064	355	92	40,367	14,344	145	57,493	33,000	—
Arizona State University.....	37	4,497	313,728	44,590	267	83	26,186	9,789	149	81,105	74,390	2,947
University of Cincinnati, Main Campus (OH).....	38	4,379	1,015,550	110,087	186	45	21,526	6,923	104	29,797	99,173	1,984
Brown University (RI).....	39	4,187	534,514	75,023	184	61	20,983	9,313	112	21,967	15,737	2,439
University of Southern California.....	40	4,181	399,112	86,758	368	75	44,482	16,809	160	60,352	116,316	7,284
Tulane University of Louisiana.....	41	4,158	742,844	96,379	187	48	16,777	6,131	118	15,000	36,831	—
Louisiana State University and Agricultural & Mechanical College.....	42	4,129	384,366	125,186	159	50	17,271	—	109	47,467	31,723	—
Miami University-Oxford (OH).....	43	4,112	572,506	93,225	121	43	9,395	4,475	168	37,715	55,007	7,025
University at Buffalo (NY).....	44	4,030	679,863	87,997	204	67	20,163	10,467	168	27,000	32,709	3,270
Temple University (PA).....	45	3,990	517,395	76,659	207	62	22,752	8,191	145	70,356	65,281	4,453
University of South Carolina, Columbia.....	46	3,964	128,066	67,016	269	68	19,500	7,506	111	26,666	103,239	571
University of Maryland, College Park.....	47	3,930	383,014	68,514	246	74	31,678	12,069	162	55,233	423,573	90,122
Washington University in St. Louis (MO).....	48	3,918	470,191	85,796	250	94	31,428	10,767	120	30,000	35,931	—
University of Kentucky.....	49	3,916	522,509	87,287	245	69	21,179	8,507	140	56,821	44,444	93
Brigham Young University (UT).....	50	3,851	440,649	80,292	395	87	29,878	13,157	105	75,066	75,387	11,984
University of Rochester (NY).....	51	3,827	225,297	29,573	209	96	19,993	7,727	119	10,239 <sup>3</sup>	53,522	—
University of Notre Dame (IN).....	52	3,713	228,312	87,690	259	76	25,413	11,044	126	26,413	24,438	785
Johns Hopkins University (MD).....	53	3,701	675,275	141,636	279	114	31,846	11,783	120	30,000	51,420	3,220
Emory University (GA).....	54	3,620	380,834	66,992	256	80	33,592	12,661	112	50,884	9,037	3,730
North Carolina State University at Raleigh.....	55	3,567	420,980	66,205	263	98	25,189	12,302	146	44,109	33,213	3,487
University of Missouri, Columbia.....	56	3,562	409,409	55,814	192	52	18,343	7,020	114	52,027	38,134	—
University of California, San Diego.....	57	3,542	428,633	19,855	335	56	31,752	16,597	103	52,065	62,849	1,861
The University of Alabama.....	58	3,534	870,600	88,083	210	61	19,903	6,945	136	33,287	54,618	2,164
Auburn University (AL).....	59	3,473	765,710	9,541	116	27	13,087	5,138	146	26,851	115,232	—
University of Utah.....	60	3,442	155,669	76,314	312	65	21,201	11,515	142	41,829	202,287	8,013

—Not available.

<sup>1</sup>The number of entries into the library in an average week. A single person can be counted more than once.

<sup>2</sup>Includes both in-person and virtual services.

<sup>3</sup>Estimated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), fiscal year 2010. (This table was prepared June 2012.)



**Table 483. Public libraries, books and serial volumes, library visits, circulation, and reference transactions, by state: Fiscal years 2008 and 2009**

State	Number of public libraries		Number of books and serial volumes				Library visits per capita <sup>1</sup>		Circulation per capita <sup>2</sup>		Reference transactions per capita <sup>3</sup>	
			In thousands		Per capita							
	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009	2008	2009
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>9,221</b> <sup>4</sup>	<b>9,225</b> <sup>4</sup>	<b>816,099</b>	<b>815,909</b>	<b>2.8</b>	<b>2.7</b>	<b>5.1</b>	<b>5.4</b>	<b>7.7</b>	<b>8.1</b>	<b>1.0</b>	<b>1.0</b>
Alabama .....	210	210	9,615	9,546	2.2	2.1	3.5	3.7	4.4	4.6	0.8	0.9
Alaska .....	86	87	2,491	2,532	3.7	3.7	5.1	5.1	6.3	6.4	0.6	0.7
Arizona .....	86	89	8,619	8,807	1.3	1.3	4.0	4.4	7.3	7.4	0.7	0.7
Arkansas .....	51	52	6,450	6,578	2.4	2.5	3.7	4.0	4.9	5.3	0.7	0.7
California .....	181	181	74,197	75,299	2.0	2.0	4.5	4.8	5.8	6.2	0.9	0.9
Colorado .....	115	114	12,039	11,916	2.5	2.4	6.3	6.7	12.0	13.0	1.2	1.2
Connecticut .....	195	195	15,609	15,646	4.4	4.5	6.8	7.0	9.4	9.7	1.4	1.3
Delaware .....	21	21	1,991	1,701	2.5	2.2	5.5	5.6	10.4	10.5	0.6	0.6
District of Columbia .....	1	1	2,063	2,130	3.5	3.6	4.6	4.9	3.0	3.9	1.4	1.4
Florida .....	80	80	32,736	32,643	1.7	1.7	4.5	4.8	6.2	6.8	1.6	1.6
Georgia .....	59	61	16,087	16,341	1.7	1.7	4.0	4.3	4.7	5.1	1.0	0.9
Hawaii .....	1	1	3,399	3,383	2.6	2.6	4.6	4.7	5.5	5.6	0.7	0.7
Idaho .....	104	104	4,192	4,275	3.1	3.2	6.4	6.8	9.4	10.3	0.8	0.9
Illinois .....	634	634	45,263	45,250	3.9	3.8	6.6	7.0	9.0	9.7	1.2	1.2
Indiana .....	238	238	25,873	25,672	4.5	4.5	7.2	7.4	13.7	14.1	1.0	1.0
Iowa .....	539	541	12,235	12,143	4.1	4.1	6.3	6.5	9.6	9.7	0.6	0.6
Kansas .....	327	328	10,381	10,314	4.4	4.3	6.2	6.6	11.4	11.8	1.1	1.1
Kentucky .....	116	117	8,674	8,849	2.1	2.1	4.4	4.5	6.7	6.9	0.9	0.7
Louisiana .....	68	68	11,641	11,651	2.6	2.6	3.3	3.5	4.0	4.2	1.2	1.4
Maine .....	272	269	6,505	6,536	5.4	5.4	5.9	5.9	7.7	7.9	0.6	0.6
Maryland .....	24	24	14,378	13,892	2.6	2.5	5.9	6.1	9.9	10.7	1.1	1.3
Massachusetts .....	370	370	32,713	32,969	5.1	5.1	6.5	6.5	8.4	8.9	0.9	0.8
Michigan .....	384	384	34,556	35,539	3.5	3.6	5.5	6.0	8.0	8.6	0.9	1.0
Minnesota .....	138	138	14,762	15,535	2.8	2.9	5.5	5.6	10.7	11.2	0.8	0.7
Mississippi .....	50	50	5,530	5,556	1.9	1.9	3.0	3.2	2.9	3.0	0.6	0.6
Missouri .....	152	150	18,034	17,592	3.5	3.4	5.5	5.9	9.4	10.1	1.1	1.1
Montana .....	80	80	2,732	2,731	3.0	3.0	4.5	4.9	6.5	6.9	0.5	0.5
Nebraska .....	270	269	6,643	6,345	5.1	4.7	6.9	6.8	10.5	10.4	0.9	0.8
Nevada .....	22	22	5,405	4,782	2.0	1.8	4.0	4.3	6.5	7.2	0.7	0.6
New Hampshire .....	231	230	6,210	6,217	4.7	4.7	5.6	5.9	8.4	8.9	0.6	0.6
New Jersey .....	303	301	30,342	30,230	3.6	3.6	5.9	6.1	7.3	7.8	1.0	1.0
New Mexico .....	91	91	4,578	4,615	2.9	2.9	4.8	5.0	6.3	6.5	0.9	0.8
New York .....	755	756	74,635	75,760	3.9	4.0	6.2	6.3	8.2	8.4	1.5	1.5
North Carolina .....	77	77	16,833	16,907	1.9	1.8	4.1	4.8	5.8	6.0	1.3	1.4
North Dakota .....	81	85	2,453	2,575	4.3	4.5	4.3	4.4	7.2	7.8	0.7	0.8
Ohio .....	251	251	46,893	45,818	4.1	4.0	8.0	8.0	16.7	17.0	1.8	1.8
Oklahoma .....	115	115	7,249	7,278	2.4	2.4	4.9	7.0	7.0	7.1	0.7	0.7
Oregon .....	126	127	9,407	9,927	2.8	2.7	6.6	6.8	15.4	15.4	0.8	0.8
Pennsylvania .....	457	458	29,837	28,180	2.5	2.4	4.0	4.1	5.8	6.0	0.7	0.7
Rhode Island .....	48	48	4,420	4,334	4.2	4.1	6.0	6.4	7.0	7.3	0.8	0.8
South Carolina .....	42	42	9,421	9,430	2.1	2.2	3.8	4.2	5.4	6.1	1.1	1.2
South Dakota .....	114	112	3,134	3,096	4.5	4.2	5.6	5.4	8.4	8.4	0.9	0.9
Tennessee .....	187	186	11,595	11,754	1.9	1.9	3.4	3.5	4.1	4.0	0.7	0.6
Texas .....	561	559	41,797	41,749	1.9	1.8	3.3	3.5	4.9	5.1	0.7	0.7
Utah .....	69	71	6,556	6,744	2.5	2.5	6.7	7.0	13.0	13.4	1.7	1.9
Vermont .....	183	184	2,900	2,964	4.8	4.9	6.4	6.5	7.7	7.8	0.8	0.8
Virginia .....	91	91	19,181	19,151	2.5	2.5	5.2	5.5	9.2	9.8	1.0	1.0
Washington .....	64	63	16,433	15,377	2.5	2.3	6.5	6.7	12.1	12.9	1.0	0.9
West Virginia .....	97	97	5,119	5,213	2.8	2.9	3.3	3.4	4.2	4.3	0.5	0.5
Wisconsin .....	381	380	19,843	19,956	3.5	3.5	6.3	6.4	10.9	11.5	0.9	0.9
Wyoming .....	23	23	2,447	2,484	4.7	4.7	6.8	7.1	9.0	9.5	1.1	1.2

<sup>1</sup>The number of visits (entering the library for any purpose) per person during the year.<sup>2</sup>The number of library materials lent per person during the year.<sup>3</sup>A reference transaction is an information contact that involves the knowledge, use, recommendations, interpretation, or instructions in the use of one or more information sources by a member of the library staff.<sup>4</sup>In 2008, of the 9,221 public libraries in the 50 states and the District of Columbia, 7,469 were single-outlet libraries and 1,752 were multiple-outlet libraries. In 2009, of the 9,225 public libraries in the 50 states and the District of Columbia, 7,466 were single-outlet libraries and 1,759 were multiple-outlet libraries. Single-outlet libraries consist of a central

library, bookmobile, or books-by-mail-only outlet. Multiple-outlet libraries have two or more direct service outlets, including some combination of one central library, branch(es), bookmobile(s), and/or books-by-mail-only outlets.

NOTE: Data include imputations for nonresponse. Detail may not sum to totals because of rounding. Per capita figures are based on unduplicated populations of the areas served by public libraries.

SOURCE: Institute of Museum and Library Services, *Public Libraries Survey*, fiscal years 2008 and 2009, retrieved October 28, 2011, from <https://harvester.census.gov/imls/pubs/pls/index.asp>. (This table was prepared October 2011.)

**Table 484. Participants in state-administered adult basic education, secondary education, and English as a second language programs, by type of program and state or jurisdiction: Selected fiscal years, 2000 through 2010**

State or jurisdiction	Total			2009				2010			
	2000	2005	2008	Total	Adult basic education	Adult secondary education	English as a second language	Total	Adult basic education	Adult secondary education	English as a second language
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>2,629,643</b>	<b>2,543,953</b>	<b>2,364,051</b>	<b>2,157,155</b>	<b>979,604</b>	<b>256,323</b>	<b>921,228</b>	<b>1,990,118</b>	<b>921,374</b>	<b>230,163</b>	<b>838,581</b>
Alabama .....	23,666	19,827	23,815	25,153	17,967	4,952	2,234	24,339	17,725	4,560	2,054
Alaska .....	5,312	3,791	3,179	3,326	2,129	476	721	3,176	2,010	360	806
Arizona .....	31,136	26,881	21,760	19,789	11,791	1,506	6,492	18,552	11,296	1,391	5,865
Arkansas .....	38,867	37,102	32,610	31,551	20,515	6,105	4,931	27,603	17,410	5,702	4,491
California .....	473,050	591,893	618,767	434,428	97,976	37,192	299,260	392,918	98,721	33,013	261,184
Colorado .....	13,818	15,011	14,203	14,298	3,929	1,331	9,038	12,873	3,836	1,240	7,797
Connecticut .....	30,844	31,958	27,859	28,255	7,472	7,502	13,281	25,924	7,234	6,618	12,072
Delaware .....	4,342	6,329	5,155	5,059	3,151	588	1,320	4,961	3,077	516	1,368
District of Columbia .....	3,667	3,646	3,956	4,247	2,362	223	1,662	3,808	2,064	189	1,555
Florida .....	404,912	348,119	260,931	256,498	113,430	30,288	112,780	239,653	105,307	25,475	108,871
Georgia .....	108,004	95,434	75,487	72,657	48,584	6,135	17,938	64,668	46,149	5,949	12,570
Hawaii .....	10,525	7,461	8,944	9,196	3,867	2,149	3,180	9,058	3,849	2,099	3,110
Idaho .....	10,506	7,744	7,535	7,429	4,541	546	2,342	6,675	4,066	484	2,125
Illinois .....	122,043	118,296	108,024	108,383	29,922	15,835	62,626	96,620	26,175	14,086	56,359
Indiana .....	42,135	43,498	40,226	35,995	22,939	6,791	6,265	28,571	19,815	3,945	4,811
Iowa .....	20,161	11,989	9,918	10,752	5,095	2,061	3,596	11,167	5,254	1,931	3,982
Kansas .....	11,248	9,475	8,916	9,024	4,381	902	3,741	8,100	3,873	863	3,364
Kentucky .....	31,050	30,931	40,235	39,218	26,972	8,207	4,039	38,654	26,410	8,468	3,776
Louisiana .....	30,929	29,367	26,633	30,559	24,588	3,696	2,275	27,270	22,340	3,142	1,788
Maine .....	12,430	8,151	9,270	8,604	4,448	2,400	1,756	6,776	3,800	1,611	1,365
Maryland .....	22,702	27,055	33,673	33,942	15,865	3,667	14,410	32,833	15,174	3,953	13,706
Massachusetts .....	24,053	21,448	21,491	20,372	4,813	3,295	12,264	20,314	4,888	3,473	11,953
Michigan .....	56,096	34,768	28,243	31,106	18,391	3,786	8,929	25,745	14,359	2,994	8,392
Minnesota .....	42,039	47,174	46,109	47,612	17,658	5,948	24,006	46,009	17,948	5,720	22,341
Mississippi .....	37,947	25,675	20,480	17,782	14,410	3,067	305	16,854	13,877	2,750	227
Missouri .....	41,089	37,052	36,161	35,542	24,217	4,244	7,081	31,397	21,612	3,655	6,130
Montana .....	4,892	3,291	3,151	3,735	2,753	772	210	3,494	2,581	720	193
Nebraska .....	7,917	10,226	8,435	8,588	4,213	906	3,469	8,485	4,108	893	3,484
Nevada .....	22,992	9,981	8,571	9,193	1,195	502	7,496	8,673	1,508	447	6,718
New Hampshire .....	5,962	5,804	5,806	5,589	1,770	1,671	2,148	5,740	1,676	1,737	2,327
New Jersey .....	44,317	40,889	32,823	33,901	11,626	1,400	20,875	30,976	12,152	1,325	17,499
New Mexico .....	23,243	24,132	22,920	23,248	12,941	2,069	8,238	21,466	12,154	1,725	7,587
New York .....	176,239	157,486	133,255	129,636	50,261	7,868	71,507	122,833	48,118	7,544	67,171
North Carolina .....	107,504	109,047	121,708	123,030	69,472	24,396	29,162	115,312	66,377	23,294	25,641
North Dakota .....	2,124	2,063	1,822	1,783	973	409	401	1,581	773	415	393
Ohio .....	65,579	50,869	50,537	46,042	32,588	6,729	6,725	41,692	30,093	5,341	6,258
Oklahoma .....	20,101	20,447	18,411	19,711	13,634	2,164	3,913	18,329	12,539	1,809	3,981
Oregon .....	25,228	21,668	23,600	22,976	10,310	2,924	9,742	20,851	9,914	2,592	8,345
Pennsylvania .....	49,369	54,274	52,795	34,975	21,407	5,257	8,311	30,577	17,957	4,037	8,583
Rhode Island .....	5,592	6,697	6,580	6,497	2,748	685	3,064	6,012	2,484	561	2,967
South Carolina .....	94,452	65,901	54,538	53,645	40,310	8,019	5,316	49,484	37,205	7,500	4,779
South Dakota .....	5,637	3,517	3,025	2,773	1,730	566	477	2,423	1,398	558	467
Tennessee .....	40,615	48,924	37,048	32,177	23,959	4,055	4,163	28,170	21,254	3,409	3,507
Texas .....	111,585	119,867	84,514	98,063	46,427	3,591	48,045	99,333	45,638	3,553	50,142
Utah .....	30,714	29,320	25,978	26,337	15,383	2,809	8,145	24,686	15,048	2,659	6,979
Vermont .....	1,146	2,015	2,505	2,461	1,841	379	241	1,590	1,019	277	294
Virginia .....	35,261	29,222	31,106	29,802	12,512	4,632	12,658	28,220	11,481	4,336	12,403
Washington .....	53,460	50,386	64,982	65,606	27,120	4,546	33,940	61,392	26,324	4,264	30,804
West Virginia .....	13,072	9,444	9,628	9,780	7,609	1,912	259	9,785	7,679	1,871	235
Wisconsin .....	27,304	26,029	23,856	23,694	13,791	4,324	5,579	21,523	11,964	4,334	5,225
Wyoming .....	2,767	2,379	2,877	3,136	1,618	846	672	2,973	1,661	775	537
<b>Other jurisdictions .....</b>	<b>44,785</b>	<b>37,328</b>	<b>36,071</b>	<b>24,098</b>	<b>4,044</b>	<b>19,437</b>	<b>617</b>	<b>22,045</b>	<b>4,791</b>	<b>16,436</b>	<b>818</b>
American Samoa .....	662	838	264	169	123	24	22	225	38	52	135
Federated States of Micronesia .....	0	0	0	0	0	0	0	0	0	0	0
Guam .....	1,092	1,062	1,154	633	382	166	85	539	364	59	116
Marshall Islands .....	335	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	680	740	583	607	387	77	143	607	369	90	148
Palau .....	132	206	51	63	0	63	0	56	0	56	0
Puerto Rico .....	41,043	33,463	34,019	22,626	3,152	19,107	367	20,464	3,873	16,172	419
U.S. Virgin Islands .....	841	1,019	0	0	0	0	0	154	147	7	0

NOTE: Adult basic education provides instruction in basic skills for adults 16 and over functioning at literacy levels below the secondary level. Adult secondary education provides instruction at the high school level for adults who are seeking to pass the GED or obtain an adult high school credential. English as a second language instruction is for adults who lack proficiency in English and who seek to improve their literacy and competence in English.

SOURCE: U.S. Department of Education, Office of Vocational and Adult Education (OVAE), OVAE National Reporting System, retrieved June 4, 2012, from <http://wdcrobcolp01.ed.gov/CFAPPS/OVAE/NRS/reports/index.cfm>. (This table was prepared June 2012.)

**Table 485. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005**

[Standard errors appear in parentheses]

Characteristic of employed person	1995				1999				2005													
	Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Employed persons, in thousands	Percent of adults participating						Number of career- or job-related courses taken¹						
										In career- or job-related courses¹		In apprenticeship programs		In personal interest courses		In informal learning activities for personal interest		In thousands	Per employed adult			
1	2		3		4		5		6		7		8		9		10		11		12	
Total .....	31.1	(0.54)	0.8	(0.02)	30.5	(1.14)	0.7	(0.03)	133,386	(1,508.1)	38.8	(0.83)	1.4	(0.24)	21.8	(0.94)	73.5	(1.01)	108,443	0.8	(0.03)	
Sex																						
Male .....	29.0	(0.72)	0.7	(0.02)	28.3	(1.15)	0.6	(0.03)	71,754	(934.7)	31.7	(1.22)	2.0	(0.37)	18.5	(1.30)	73.4	(1.52)	44,512	0.6	(0.03)	
Female .....	33.4	(0.83)	0.9	(0.03)	32.9	(1.14)	0.8	(0.03)	61,632	(1,219.3)	47.1	(1.43)	0.8	(0.23)	25.8	(1.23)	73.6	(1.37)	63,931	1.0	(0.05)	
Age																						
17 through 24 years old.....	18.6	(1.01)	0.4	(0.02)	19.1	(1.91)	0.4	(0.06)	15,027	(1,030.4)	26.4	(3.01)	3.0 !	(1.03)	25.2	(3.37)	71.4	(3.15)	8,024	0.5	(0.09)	
25 through 29 years old.....	31.2	(1.46)	0.8	(0.05)	34.3	(2.44)	0.8	(0.08)	14,555	(918.4)	36.1	(2.94)	3.1 !	(1.12)	24.5	(3.66)	70.9	(4.49)	9,493	0.7	(0.06)	
30 through 34 years old.....	31.6	(1.30)	0.8	(0.04)	34.4	(2.50)	0.8	(0.08)	15,250	(977.2)	41.0	(3.06)	2.7 !	(1.10)	23.7	(2.63)	74.0	(2.54)	12,681	0.8	(0.07)	
35 through 39 years old.....	35.1	(1.02)	0.9	(0.03)	29.2	(2.15)	0.7	(0.07)	15,286	(922.4)	41.7	(4.16)	1.0 !	(0.46)	21.6	(3.15)	77.7	(3.00)	13,807	0.9	(0.14)	
40 through 44 years old.....	36.6	(1.29)	0.9	(0.04)	36.4	(2.44)	0.8	(0.07)	18,141	(946.3)	39.8	(2.73)	‡	(†)	23.3	(2.60)	71.2	(3.15)	15,586	0.9	(0.07)	
45 through 49 years old.....	39.6	(1.94)	1.0	(0.06)	30.4	(2.42)	0.7	(0.06)	18,149	(842.5)	45.0	(2.15)	0.7 !	(0.29)	19.0	(2.09)	73.5	(2.68)	16,809	0.9	(0.06)	
50 through 54 years old.....	34.4	(1.69)	0.9	(0.04)	34.7	(2.57)	0.8	(0.07)	14,624	(732.1)	42.6	(2.49)	0.7 !	(0.32)	19.5	(1.92)	76.3	(2.27)	14,881	1.0	(0.10)	
55 through 59 years old.....	26.7	(1.86)	0.7	(0.06)	30.3	(2.83)	0.6	(0.08)	10,522	(676.0)	44.7	(2.98)	‡	(†)	18.3	(1.93)	73.0	(2.95)	9,901	0.9	(0.09)	
60 through 64 years old.....	21.1	(2.41)	0.5	(0.06)	27.2	(3.80)	0.7	(0.15)	6,021	(498.8)	38.9	(3.97)	‡	(†)	23.4	(3.52)	73.0	(4.22)	4,919	0.8	(0.10)	
65 years old and over .....	13.7	(1.86)	0.4	(0.06)	20.3	(4.21)	0.4	(0.08)	5,812	(493.3)	21.6	(3.48)	#	(†)	17.4	(3.13)	74.2	(3.75)	2,343	0.4	(0.07)	
65 through 69 .....	13.1	(2.28)	0.4	(0.08)	—	(†)	—	(†)	3,385	(415.5)	19.1	(4.05)	#	(†)	20.9	(4.88)	75.4	(5.18)	1,102	0.3	(0.08)	
70 and over .....	14.6	(2.85)	0.4	(0.09)	—	(†)	—	(†)	2,427	(282.3)	25.1	(5.81)	#	(†)	12.6	(2.93)	72.6	(6.11)	1,241	0.5	(0.14)	
Race/ethnicity																						
White .....	33.2	(0.61)	0.8	(0.02)	32.8	(0.98)	0.6	(0.03)	94,881	(1,538.6)	41.3	(0.93)	1.2	(0.25)	22.2	(1.11)	75.3	(1.17)	82,511	0.9	(0.03)	
Black .....	26.2	(1.46)	0.7	(0.04)	28.1	(2.34)	1.0	(0.07)	13,773	(533.2)	39.2	(3.82)	1.7 !	(0.83)	23.5	(3.04)	66.9	(3.02)	10,311	0.7	(0.11)	
Hispanic .....	18.1	(1.00)	0.4	(0.02)	16.4	(1.83)	0.5	(0.05)	15,741	(681.1)	25.0	(2.66)	2.9	(0.85)	16.2	(2.31)	65.8	(3.39)	8,786	0.6	(0.11)	
Asian .....	—	(†)	—	(†)	—	(†)	—	(†)	3,770	(520.7)	36.9	(7.00)	‡	(†)	32.3	(7.26)	81.1	(5.88)	2,207	0.6	(0.12)	
Pacific Islander .....	—	(†)	—	(†)	—	(†)	—	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	‡	(†)	
Asian/Pacific Islander .....	25.5	(2.69)	0.6	(0.07)	32.8	(4.84)	0.4 !	(0.15)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	—	(†)	
American Indian/Alaska Native .....	34.0	(6.32)	0.9	(0.20)	29.5 !	(11.52)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	‡	(†)	
Two or more races .....	—	(†)	—	(†)	—	(†)	—	(†)	3,786	(562.7)	39.1	(6.85)	‡	(†)	22.6	(6.34)	77.6	(8.40)	3,083	0.8	(0.15)	
Other races .....	25.3	(2.99)	0.7	(0.09)	—	(†)	—	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	(†)	‡	‡	(†)	
Highest level of education completed																						
Less than high school completion .....	8.8	(1.05)	0.1	(0.02)	7.9	(2.29)	0.4	(0.05)	16,627	(838.2)	10.4	(2.11)	2.4 !	(0.90)	8.8	(1.54)	57.0	(3.76)	2,592	0.2	(0.03)	
8th grade or less .....	6.1 !	(2.00)	0.1 !	(0.04)	—	(†)	—	(†)	5,016	(599.7)	2.7	(1.12)	‡	(†)	3.8 !	(1.71)	46.7	(7.11)	197	#	(†)	
9th through 12th grade, no completion.....	10.0	(1.27)	0.2	(0.02)	—	(†)	—	(†)	11,610	(792.8)	13.7	(2.99)	‡	(†)	11.0	(2.06)	61.5	(4.05)	2,396	0.2	(0.04)	
High school completion .....	20.9	(0.79)	0.4	(0.02)	21.4	(1.45)	0.8	(0.03)	34,121	(1,147.2)	24.7	(1.76)	1.3 !	(0.46)	17.1	(1.89)	63.4	(2.55)	16,640	0.5	(0.05)	
Some vocational/technical .....	32.3	(2.50)	0.8	(0.07)	28.7	(5.76)	0.9	(0.17)	3,744	(393.1)	48.2	(5.92)	‡	(†)	25.5	(4.61)	74.0	(5.54)	3,802	1.0	(0.17)	
Some college .....	29.9	(0.91)	0.7	(0.03)	29.0	(1.78)	0.7	(0.06)	24,479	(1,067.7)	39.9	(2.36)	1.9 !	(0.69)	25.2	(2.50)	79.8	(2.04)	18,437	0.8	(0.05)	
Associate's degree .....	39.2	(1.58)	1.0	(0.05)	39.7	(3.07)	0.9	(0.09)	9,943	(730.7)	50.4	(3.71)	2.3 !	(0.84)	19.1	(2.86)	78.4	(3.88)	14,224	1.4	(0.21)	
Bachelor's degree .....	44.6	(1.33)	1.2	(0.04)	43.8	(2.01)	1.0	(0.06)	26,475	(902.7)	53.1	(1.88)	‡	(†)	29.0	(1.77)	78.7	(1.94)	28,099	1.1	(0.06)	
Some graduate work (or study) .....	50.2	(1.63)	1.4	(0.05)	46.8	(4.17)	1.2	(0.14)	17,998	(735.4)	61.1	(2.16)	‡	(†)	28.6	(2.01)	88.8	(1.16)	24,649	1.4	(0.07)	
No degree .....	44.3	(3.18)	1.2	(0.10)	54.2	(4.94)	1.2	(0.14)	2,125	(227.9)	53.8	(5.79)	‡	(†)	39.3	(6.05)	75.0	(5.64)	2,412	1.1	(0.16)	
Master's .....	50.5	(1.99)	1.4	(0.06)	45.3	(2.97)	1.1	(0.11)	11,330	(614.7)	62.7	(2.98)	‡	(†)	28.2	(2.27)	90.5	(1.40)	15,394	1.4	(0.09)	
Doctor's .....	40.4	(6.42)	1.0	(0.16)	34.4	(4.79)	0.7	(0.12)	1,600	(227.2)	49.0	(5.80)	‡	(†)	28.8	(4.76)	87.8	(4.35)	2,204	1.4	(0.36)	
Professional .....	67.6	(3.89)	2.0	(0.15)	67.6	(6.98)	1.9	(0.31)	2,943	(382.7)	66.5	(6.39)	‡	(†)	22.1	(5.05)	92.9	(2.21)	4,639	1.6	(0.21)	

See notes at end of table.

**Table 485. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005—Continued**

[Standard errors appear in parentheses]

Characteristic of employed person	1995				1999				2005							
	Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Employed persons, in thousands	Percent of adults participating				Number of career- or job-related courses taken <sup>1</sup>		
										In career- or job-related courses <sup>1</sup>	In apprenticeship programs	In personal interest courses	In informal learning activities for personal interest	In thousands	Per employed adult	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Locale<sup>2</sup></b>																
City.....	— (t)	— (t)	— (t)	— (t)	39,283 (1,391.3)	39.6 (1.67)	2.2 (0.60)	23.1 (1.43)	74.0 (1.77)	34,327	0.9 (0.05)					
Suburban.....	— (t)	— (t)	— (t)	— (t)	48,452 (1,555.0)	41.1 (1.87)	1.2 (0.32)	23.3 (1.38)	74.2 (1.49)	39,802	0.8 (0.04)					
Town.....	— (t)	— (t)	— (t)	— (t)	17,616 (1,060.7)	36.0 (2.64)	‡ (t)	19.6 (2.83)	71.7 (3.02)	12,947	0.7 (0.07)					
Rural.....	— (t)	— (t)	— (t)	— (t)	27,847 (885.2)	35.4 (2.14)	1.4 ! (0.58)	19.0 (2.19)	72.7 (2.22)	21,135	0.8 (0.06)					
<b>Occupation</b>																
Executive, administrative, or managerial occupations.....	42.9 (1.49)	1.2 (0.05)	40.6 (2.06)	1.0 (0.07)	14,596 (707.6)	53.6 (2.79)	‡ (t)	29.5 (2.89)	77.7 (2.87)	16,567	1.1 (0.09)					
Engineers, surveyors, and architects.....	44.2 (4.46)	1.1 (0.12)	52.1 (6.96)	1.0 (0.16)	1,987 (244.9)	56.3 (5.68)	‡ (t)	30.5 (6.36)	81.0 (4.73)	2,323	1.2 (0.16)					
Natural scientists and mathematicians.....	59.7 (3.97)	1.7 (0.15)	46.0 (6.61)	0.8 (0.14)	4,130 (445.4)	51.5 (5.64)	‡ (t)	31.2 (4.83)	85.3 (5.44)	3,693	0.9 (0.11)					
Social scientists and workers, religious workers, and lawyers....	59.5 (2.61)	1.8 (0.11)	56.9 (5.66)	1.7 (0.24)	4,697 (480.9)	66.8 (4.48)	‡ (t)	28.3 (3.81)	88.6 (2.95)	7,822	1.7 (0.29)					
Teachers, elementary/secondary.....	53.9 (2.23)	1.5 (0.08)	52.1 (3.53)	1.2 (0.11)	7,085 (568.5)	67.7 (4.16)	‡ (t)	31.5 (3.93)	83.0 (2.79)	12,233	1.7 (0.13)					
Teachers, postsecondary and counselors, librarians, and archivists.....	41.6 (4.57)	1.0 (0.15)	35.6 (5.85)	0.7 (0.14)	2,393 (420.9)	53.1 (8.63)	‡ (t)	17.7 (4.91)	90.9 (3.97)	2,122	0.9 (0.09)					
Health diagnosing and treating practitioners.....	68.6 (5.85)	2.0 (0.23)	65.2 (11.99)	1.5 ! (0.50)	978 (208.8)	78.9 (7.10)	‡ (t)	27.4 ! (9.60)	86.6 (5.37)	1,951	2.0 (0.25)					
Registered nurses, pharmacists, dieticians, therapists, and physician's assistants....	72.8 (3.02)	2.2 (0.14)	72.2 (5.04)	1.8 (0.21)	2,794 (238.8)	79.7 (4.60)	‡ (t)	29.4 (4.17)	84.3 (3.70)	4,984	1.8 (0.15)					
Writers, artists, entertainers, and athletes.....	23.4 (2.89)	0.5 (0.07)	30.6 (6.21)	0.6 (0.18)	2,969 (405.2)	29.9 (5.69)	‡ (t)	31.8 (6.15)	88.9 (4.39)	1,865	0.6 (0.15)					
Health technologists and technicians.....	50.0 (4.08)	1.4 (0.12)	41.8 (6.00)	1.0 (0.19)	3,060 (436.7)	70.6 (7.31)	‡ (t)	27.8 (6.48)	77.5 (6.40)	4,473	1.5 (0.18)					
Technologists and technicians, except health.....	43.8 (2.67)	1.1 (0.10)	37.6 (4.87)	1.0 (0.15)	1,774 (336.5)	29.4 (8.10)	‡ (t)	5.3 ! (2.02)	75.2 (8.98)	1,015	0.6 (0.17)					
Marketing and sales occupations.....	25.2 (1.26)	0.6 (0.03)	21.1 (2.27)	0.4 (0.06)	14,845 (971.9)	32.3 (3.17)	‡ (t)	20.8 (2.64)	70.5 (3.53)	7,724	0.5 (0.05)					
Administrative support occupations, including clerical.....	30.8 (1.15)	0.7 (0.03)	27.4 (2.02)	0.6 (0.05)	21,167 (1,179.4)	36.1 (2.95)	0.8 ! (0.40)	28.2 (2.28)	72.9 (2.37)	15,443	0.7 (0.10)					
Service occupations.....	22.6 (1.25)	0.6 (0.04)	21.0 (2.15)	0.5 (0.07)	17,180 (1,033.7)	33.7 (3.13)	1.1 ! (0.36)	16.2 (2.31)	69.0 (2.74)	13,029	0.8 (0.10)					
Agriculture, forestry, and fishing occupations.....	12.4 (2.47)	0.3 (0.07)	12.2 ! (4.09)	0.2 ! (0.07)	2,522 (423.8)	22.4 ! (7.61)	‡ (t)	23.0 ! (11.03)	62.9 (11.04)	960	0.4 ! (0.12)					
Mechanics and repairers.....	29.1 (2.62)	0.7 (0.08)	15.0 (3.40)	0.3 (0.09)	5,241 (521.6)	28.3 (4.47)	4.0 ! (1.44)	12.6 (3.24)	69.3 (4.36)	2,669	0.5 (0.09)					
Construction and extractive occupations.....	18.6 (2.33)	0.3 (0.04)	13.2 (3.16)	0.2 (0.06)	6,827 (647.1)	12.4 (3.04)	5.3 ! (2.26)	7.8 (1.88)	69.0 (5.25)	2,323	0.3 ! (0.13)					
Precision production <sup>3</sup> .....	25.6 (4.04)	0.6 (0.12)	18.3 ! (6.52)	0.4 ! (0.12)	10,483 (839.3)	23.5 (3.79)	‡ (t)	14.0 (3.34)	64.9 (3.74)	4,904	0.5 (0.07)					
Production workers.....	14.8 (1.13)	0.3 (0.02)	23.0 (3.17)	0.5 (0.08)	— (t)	— (t)	— (t)	— (t)	— (t)	—	—					

See notes at end of table.

**Table 485. Participation of employed persons, 17 years old and over, in career-related adult education during the previous 12 months, by selected characteristics of participants: 1995, 1999, and 2005—Continued**

[Standard errors appear in parentheses]

Characteristic of employed person	1995				1999				2005																
	Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Percent of adults participating in career- or job-related courses		Number of career- or job-related courses taken, per employed adult		Employed persons, in thousands	Percent of adults participating								Number of career- or job-related courses taken¹							
										Percent of adults participating				In informal learning activities for personal interest		In thousands	Per employed adult								
1	2	3	4	5	6	7	8	9	10	11	12														
Transportation and material moving.....	15.8	(1.83)	0.3	(0.04)	18.4	(3.62)	0.3	(0.06)	7,858	(742.5)	15.2	(2.81)	‡	(†)	10.5	(3.10)	62.5	(5.32)	1,935	0.2	(0.05)				
Handlers, equipment cleaners, helpers, and laborers .....	11.7	(2.77)	0.2	(0.06)	‡	(†)	‡	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	(†)	—	—	(†)				
Miscellaneous occupations..	38.8	(3.50)	1.0	(0.11)	14.2	!	(4.62)	0.3	!	(0.08)	801	(189.4)	17.2	!	(6.87)	‡	(†)	8.7	!	(4.31)	48.3	(13.96)	409	‡	(†)
Annual household income																									
\$10,000 or less .....	12.6	(1.31)	0.2	(0.03)	9.5	!	(3.09)	0.2	!	(0.05)	4,425	(444.8)	16.7	(4.35)	‡	(†)	26.2	!	(7.96)	69.7	(5.72)	1,556	0.4	!	(0.12)
\$5,000 or less .....	8.7	(1.91)	0.1	(0.03)	—	(†)	—	(†)	1,635	(252.7)	19.1	(6.52)	‡	(†)	22.9	!	(7.91)	60.9	(8.84)	850	‡	(†)	—	(†)	(†)
\$5,001 to \$10,000 .....	15.1	(1.62)	0.3	(0.04)	—	(†)	—	(†)	2,791	(454.1)	15.3	(5.68)	‡	(†)	28.1	!	(12.27)	74.8	(6.88)	706	0.3	!	(0.10)	—	(†)
\$10,001 to \$15,000 .....	15.1	(1.71)	0.4	(0.04)	8.3	(1.88)	0.1	(0.03)	4,814	(633.4)	22.2	(5.77)	‡	(†)	17.3	!	(5.25)	64.5	(7.57)	2,189	0.5	(0.12)	—	(†)	(†)
\$15,001 to \$20,000 .....	20.1	(1.36)	0.4	(0.03)	16.3	(2.75)	0.3	(0.05)	4,515	(398.8)	18.2	(3.09)	5.7	!	(2.71)	11.5	(1.96)	60.4	(5.11)	1,322	0.3	(0.05)	—	(†)	(†)
\$20,001 to \$25,000 .....	20.4	(1.52)	0.5	(0.05)	18.8	(2.79)	0.4	(0.08)	5,593	(490.2)	23.8	(4.02)	1.1	!	(0.51)	13.3	(3.21)	71.5	(4.11)	2,817	0.5	(0.10)	—	(†)	(†)
\$25,001 to \$30,000 .....	24.7	(1.34)	0.5	(0.03)	22.2	(2.73)	0.5	(0.07)	7,444	(680.4)	31.4	(4.88)	‡	(†)	16.7	(3.77)	73.5	(3.91)	4,322	0.6	(0.11)	—	(†)	(†)	
\$30,001 to \$40,000 .....	30.2	(1.13)	0.8	(0.03)	26.6	(2.82)	0.6	(0.07)	13,123	(928.5)	35.1	(3.45)	1.5	!	(0.65)	21.7	(3.71)	69.1	(3.55)	8,224	0.6	(0.06)	—	(†)	(†)
\$40,001 to \$50,000 .....	34.7	(1.30)	0.8	(0.04)	32.3	(2.34)	0.7	(0.07)	13,647	(1,058.4)	31.5	(3.01)	1.8	!	(0.72)	20.1	(3.32)	73.5	(2.78)	10,072	0.7	(0.10)	—	(†)	(†)
\$50,001 to \$75,000 .....	40.0	(1.18)	1.0	(0.04)	36.6	(1.86)	0.9	(0.06)	33,665	(1,430.4)	42.7	(1.80)	1.2	!	(0.51)	20.9	(2.10)	71.3	(2.55)	28,991	0.9	(0.06)	—	(†)	(†)
More than \$75,000 .....	45.2	(1.40)	1.3	(0.04)	42.5	(1.79)	1.0	(0.06)	46,160	(1,263.3)	48.1	(1.57)	1.3	!	(0.39)	26.0	(1.37)	79.2	(1.55)	48,951	1.1	(0.05)	—	(†)	(†)

—Not available.

‡Not applicable.

#Rounds to zero.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. The coefficient of variation (CV) for this estimate is 50 percent or greater.

<sup>1</sup>The 2005 estimates on participation in career- or job-related courses were based on responses to multiple questions. Specifically, respondents were first asked what courses they had taken, and then whether each course was career- or job-related. In contrast, 1995 and 1999 respondents were asked a single, general question about whether they had participated in any career- or job-related courses. Therefore, 2005 results may not be comparable to results from the earlier years.

<sup>2</sup>Detail may not sum to totals due to missing locale information.

<sup>3</sup>For 2005, figures include "Production workers" occupations data.

NOTE: Data do not include persons enrolled in high school or below. Race categories exclude persons of Hispanic ethnicity. Detail may not sum to totals because of rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Education Survey (AE-NHES:1995, AE-NHES:1999, and AE-NHES:2005) of the National Household Education Surveys Program. (This table was prepared October 2010.)

**Table 486. Participation rate of persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: Selected years, 1991 through 2005**

[Standard errors appear in parentheses]

Characteristic of participant	Percent taking any program, class, or course					Percent taking specific programs, classes, or courses, 2005										Percent doing informal learning activities for personal interest, 2005
	1991	1995	1999	2001	2005	Basic skills/ General Educational Development (GED) classes	English as a second language (ESL) classes	Part-time post- secondary education <sup>1</sup>	Career- or job- related courses	Apprenticeship programs	Personal-interest courses					
1	2	3	4	5	6	7	8	9	10	11	12	13				
<b>Total</b> .....	<b>33.0 (0.68)</b>	<b>40.2 (0.48)</b>	<b>44.5 (0.77)</b>	<b>46.4 (0.55)</b>	<b>44.4 (0.74)</b>	<b>1.3 (0.22)</b>	<b>0.9 (0.17)</b>	<b>5.0 (0.29)</b>	<b>27.0 (0.63)</b>	<b>1.2 (0.18)</b>	<b>21.4 (0.71)</b>	<b>70.5 (0.79)</b>				
<b>Sex</b>																
Male .....	32.6 (1.09)	38.2 (0.65)	41.7 (1.15)	43.1 (0.83)	41.0 (1.20)	1.4 (0.41)	0.9 ! (0.29)	5.0 (0.44)	24.5 (0.99)	1.7 (0.31)	18.3 (1.08)	70.8 (1.10)				
Female .....	33.2 (0.97)	42.1 (0.59)	47.1 (1.02)	49.5 (0.78)	47.5 (1.01)	1.2 (0.19)	0.9 (0.15)	5.1 (0.37)	29.2 (0.95)	0.7 (0.15)	24.2 (0.88)	70.2 (1.03)				
<b>Age</b>																
17 to 24 years old .....	37.8 (1.46)	47.0 (1.12)	49.9 (2.34)	52.8 (2.04)	52.8 (2.79)	6.0 (1.48)	1.7 ! (0.61)	11.5 (1.34)	21.3 (2.22)	2.7 (0.76)	26.3 (2.60)	69.2 (2.54)				
25 to 29 years old .....	40.0 (2.33)	49.6 (1.31)	56.5 (2.53)	52.9 (2.60)	51.6 (3.82)	1.8 (0.48)	3.3 ! (1.48)	9.1 (1.50)	29.5 (2.48)	3.2 ! (1.06)	20.9 (2.78)	66.8 (3.75)				
30 to 34 years old .....	37.6 (2.88)	47.3 (1.41)	56.2 (2.57)	53.7 (2.18)	52.7 (2.52)	1.9 ! (0.66)	1.6 ! (0.64)	8.4 (1.28)	33.8 (2.71)	2.5 ! (0.89)	23.2 (2.23)	73.8 (2.22)				
35 to 39 years old .....	42.1 (2.71)	47.7 (1.15)	50.1 (2.43)	54.0 (1.71)	48.6 (3.21)	0.4 ! (0.16)	0.7 ! (0.26)	6.1 (0.90)	32.6 (3.29)	0.9 ! (0.36)	20.7 (2.67)	75.5 (2.69)				
40 to 44 years old .....	49.2 (3.28)	50.9 (1.15)	50.5 (2.43)	53.5 (1.88)	48.9 (2.43)	0.8 ! (0.31)	0.6 ! (0.23)	4.7 (0.77)	34.8 (2.30)	0.9 ! (0.42)	23.4 (2.29)	71.5 (2.62)				
45 to 49 years old .....	40.0 (2.43)	48.7 (1.66)	49.8 (2.69)	55.4 (2.02)	49.0 (2.09)	+ (t)	0.6 ! (0.25)	3.2 (0.48)	37.7 (1.83)	0.5 ! (0.23)	19.3 (1.88)	71.6 (2.52)				
50 to 54 years old .....	26.8 (3.31)	42.5 (1.38)	47.2 (2.51)	51.1 (2.22)	46.6 (2.36)	+ (t)	0.3 ! (0.15)	4.5 (0.75)	35.2 (2.25)	0.6 ! (0.28)	20.3 (1.64)	75.6 (1.89)				
55 to 59 years old .....	29.0 (3.74)	32.2 (1.66)	38.0 (2.60)	44.1 (1.98)	42.2 (2.78)	+ (t)	+ (t)	1.9 (0.43)	31.9 (2.39)	+ (t)	18.0 (1.63)	69.5 (2.56)				
60 to 64 years old .....	17.4 (1.90)	23.7 (1.89)	31.4 (2.83)	30.8 (2.18)	37.9 (3.00)	+ (t)	+ (t)	0.9 ! (0.36)	20.9 (2.07)	+ (t)	24.1 (2.40)	71.4 (3.04)				
65 to 69 years old .....	14.2 (2.97)	18.1 (1.46)	25.4 (2.54)	20.5 (1.74)	26.2 (2.67)	+ (t)	+ (t)	0.5 ! (0.22)	8.1 (1.36)	+ (t)	20.9 (2.41)	67.6 (2.52)				
70 years old and over .....	8.6 (1.25)	13.8 (1.09)	15.0 (1.38)	21.7 (1.37)	21.5 (1.44)	+ (t)	+ (t)	+ (t)	4.0 (0.78)	+ (t)	17.9 (1.33)	62.9 (1.82)				
<b>Racial/ethnic group</b>																
White .....	34.1 (0.82)	41.5 (0.54)	44.4 (0.89)	47.4 (0.59)	45.6 (0.84)	0.9 (0.23)	0.2 ! (0.08)	4.9 (0.35)	29.1 (0.70)	0.9 (0.17)	22.1 (0.87)	73.0 (0.92)				
Black .....	25.9 (2.23)	37.0 (1.45)	46.3 (2.30)	43.3 (1.50)	46.4 (2.81)	1.9 (0.49)	+ (t)	5.4 (0.97)	27.0 (2.53)	1.5 ! (0.73)	23.7 (2.11)	65.3 (2.02)				
Hispanic .....	31.4 (2.63)	33.7 (1.18)	41.3 (2.51)	41.7 (2.28)	37.8 (2.43)	2.6 (0.72)	5.6 (1.22)	5.7 (1.55)	16.9 (1.72)	2.2 (0.63)	15.4 (1.75)	57.5 (2.86)				
Asian .....	— (t)	— (t)	— (t)	— (t)	48.3 (5.39)	+ (t)	2.6 ! (1.03)	7.6 ! (2.62)	27.2 (4.70)	+ (t)	26.5 (5.06)	81.1 (4.10)				
Pacific Islander .....	— (t)	— (t)	— (t)	— (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)				
Asian/Pacific Islander .....	35.9 (5.55)	39.7 (2.92)	51.1 (4.63)	49.5 (3.81)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)	+ (t)				
American Indian/Alaska Native .....	29.3 ! (11.55)	38.8 (4.85)	36.3 (9.16)	50.2 (8.28)	36.3 (10.17)	+ (t)	+ (t)	4.4 ! (1.82)	23.0 ! (8.51)	+ (t)	13.0 ! (6.16)	70.6 (9.18)				
Two or more races .....	— (t)	— (t)	— (t)	— (t)	39.4 (4.94)	5.1 ! (2.17)	+ (t)	3.2 ! (1.07)	23.8 (4.06)	1.3 ! (0.59)	21.0 (4.13)	77.6 (5.28)				
<b>Highest level of education completed</b>																
8th grade or less .....	7.7 (1.44)	10.0 (1.10)	14.7 (2.92)	19.7 (2.84)	15.5 (2.47)	1.9 (0.57)	4.3 ! (1.70)	+ (t)	1.7 ! (0.55)	+ (t)	7.3 (1.24)	38.1 (3.27)				
9th through 12th grade, no completion .....	15.8 (2.25)	20.2 (1.38)	25.6 (2.55)	25.5 (1.53)	27.2 (2.40)	7.9 (1.69)	1.1 ! (0.41)	2.1 (0.57)	7.6 (1.44)	1.5 ! (0.61)	12.5 (1.53)	55.7 (2.52)				
High school completion .....	24.1 (1.10)	30.7 (0.84)	34.8 (1.37)	33.9 (1.07)	33.0 (1.62)	0.5 ! (0.24)	0.7 ! (0.24)	2.5 (0.36)	17.2 (1.18)	1.1 ! (0.35)	16.8 (1.27)	63.6 (1.93)				
Some vocational/technical .....	34.2 (3.80)	41.9 (2.16)	41.1 (3.97)	50.7 (3.51)	43.3 (4.30)	+ (t)	+ (t)	4.5 ! (1.42)	28.3 (3.71)	+ (t)	23.2 (3.09)	77.6 (3.98)				
Some college .....	41.4 (1.67)	49.3 (0.92)	51.1 (1.76)	57.4 (1.29)	51.1 (1.79)	+ (t)	+ (t)	8.6 (1.06)	28.8 (1.54)	1.4 ! (0.47)	26.8 (1.80)	79.8 (1.52)				
Associate's degree .....	49.2 (5.82)	56.1 (1.85)	56.6 (2.93)	62.5 (2.15)	56.5 (3.64)	+ (t)	1.1 ! (0.51)	6.6 (1.42)	40.8 (3.27)	1.9 ! (0.66)	20.1 (2.48)	75.9 (3.70)				
Bachelor's degree .....	51.1 (2.46)	56.9 (1.20)	60.3 (1.84)	64.5 (1.39)	59.8 (1.56)	+ (t)	0.4 ! (0.17)	6.3 (0.82)	44.1 (1.61)	0.4 ! (0.17)	28.6 (1.55)	79.3 (1.72)				
Some graduate work (or study) .....	55.1 (2.90)	59.9 (1.55)	63.6 (1.96)	68.9 (1.64)	66.3 (1.99)	+ (t)	+ (t)	8.7 (0.86)	49.3 (2.15)	+ (t)	30.7 (1.77)	88.0 (1.06)				
No degree .....	— (t)	62.2 (2.67)	64.7 (4.39)	64.2 (3.54)	65.3 (4.84)	+ (t)	+ (t)	14.5 (2.55)	40.5 (4.68)	+ (t)	38.7 (4.81)	78.2 (4.34)				
Master's .....	— (t)	59.1 (1.88)	65.7 (2.64)	70.7 (2.10)	67.5 (2.59)	+ (t)	+ (t)	8.9 (1.31)	51.4 (2.81)	+ (t)	30.6 (2.04)	88.8 (1.33)				
Doctor's .....	— (t)	54.0 (6.99)	53.1 (4.73)	63.7 (3.98)	58.0 (4.94)	+ (t)	+ (t)	10.1 ! (3.14)	34.0 (4.53)	+ (t)	31.4 (3.95)	90.3 (3.26)				
Professional .....	— (t)	65.9 (3.91)	72.5 (5.75)	72.8 (3.79)	68.2 (5.77)	+ (t)	+ (t)	+ (t)	59.0 (6.35)	+ (t)	23.9 (4.35)	91.6 (2.15)				
<b>Urbanicity</b>																
City .....	— (t)	— (t)	— (t)	— (t)	45.8 (1.46)	1.4 (0.31)	1.6 (0.38)	5.7 (0.59)	26.3 (1.24)	1.8 (0.43)	22.5 (1.10)	69.2 (1.39)				
Suburban .....	— (t)	— (t)	— (t)	— (t)	46.9 (1.33)	0.9 (0.23)	0.9 ! (0.36)	5.8 (0.55)	29.7 (1.26)	0.9 (0.22)	23.4 (1.16)	73.4 (1.28)				
Town .....	— (t)	— (t)	— (t)	— (t)	41.8 (2.33)	2.7 ! (1.16)	0.4 ! (0.14)	4.2 (0.87)	25.6 (1.74)	0.5 ! (0.21)	18.5 (1.96)	70.5 (2.43)				
Rural .....	— (t)	— (t)	— (t)	— (t)	39.5 (2.04)	0.8 (0.22)	+ (t)	3.3 (0.59)	24.2 (1.38)	1.2 ! (0.40)	18.3 (1.76)	67.6 (1.76)				
<b>Labor force status</b>																
In labor force .....	40.7 (0.96)	49.8 (0.69)	52.1 (0.94)	— (t)	52.3 (0.93)	1.4 (0.32)	0.8 (0.19)	6.4 (0.39)	37.1 (0.83)	1.5 (0.24)	21.9 (0.91)	73.0 (0.94)				
Employed .....	42.0 (1.00)	50.7 (0.53)	52.5 (0.96)	— (t)	53.4 (0.94)	1.1 (0.31)	0.7 (0.20)	6.5 (0.39)	38.8 (0.83)	1.4 (0.24)	21.8 (0.94)	73.5 (1.01)				
Unemployed .....	26.0 (3.24)	36.6 (1.91)	44.9 (4.60)	— (t)	37.8 (4.26)	5.8 (1.60)	1.9 ! (0.79)	5.2 (1.37)	13.5 (2.16)	+ (t)	22.1 (3.99)	66.7 (3.80)				
Not in labor force .....	15.7 (0.91)	21.3 (0.69)	24.9 (1.17)	— (t)	27.6 (1.18)	1.1 (0.24)	1.3 (0.36)	2.3 (0.45)	5.7 (0.55)	0.6 ! (0.22)	20.5 (0.97)	65.2 (1.27)				

See notes at end of table.

**Table 486. Participation rate of persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: Selected years, 1991 through 2005—Continued**

[Standard errors appear in parentheses]

Characteristic of participant	Percent taking any program, class, or course					Percent taking specific programs, classes, or courses, 2005						Percent doing informal learning activities for personal interest, 2005
	1991	1995	1999	2001	2005	Basic skills/General Educational Development (GED) classes	English as a second language (ESL) classes	Part-time post-secondary education <sup>1</sup>	Career- or job-related courses	Apprenticeship programs	Personal-interest courses	
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Occupation</b>												
Executive, administrative, or managerial occupations .....	49.3 (3.45)	55.8 (1.92)	57.0 (2.11)	66.2 (1.61)	64.1 (2.73)	‡ (†)	‡ (†)	6.0 (1.10)	51.8 (2.82)	‡ (†)	28.8 (2.89)	78.6 (2.71)
Engineers, surveyors, and architects .....	62.6 (7.85)	65.5 (4.18)	79.8 (6.01)	68.1 (4.46)	71.2 (5.68)	‡ (†)	‡ (†)	9.3 † (3.21)	55.6 (5.60)	‡ (†)	31.4 (6.19)	81.1 (4.63)
Natural scientists and mathematicians .....	48.2 (9.86)	72.3 (3.52)	60.5 (6.74)	74.0 (4.46)	69.1 (4.63)	‡ (†)	‡ (†)	9.2 (2.49)	49.6 (5.27)	‡ (†)	30.2 (4.53)	85.5 (5.16)
Social scientists and workers, religious workers, and lawyers .....	55.6 (6.01)	76.6 (2.61)	79.3 (4.35)	83.5 (3.05)	77.7 (4.11)	‡ (†)	‡ (†)	12.8 (3.16)	64.3 (4.42)	‡ (†)	29.2 (3.52)	89.4 (2.78)
Teachers, elementary/secondary .....	56.0 (4.20)	54.8 (4.64)	66.5 (5.61)	79.9 (2.95)	79.7 (2.59)	‡ (†)	‡ (†)	8.3 † (3.16)	65.0 (3.99)	‡ (†)	31.7 (3.78)	83.8 (2.62)
Teachers: college, university, postsecondary institutions .....	45.5 (8.31)	76.7 (1.98)	78.4 (3.11)	69.4 (4.60)	61.3 (6.96)	‡ (†)	‡ (†)	‡ (†)	49.0 (8.50)	‡ (†)	19.5 (4.98)	91.7 (3.58)
Health diagnosing and treating practitioners .....	67.1 (13.73)	71.1 (5.78)	79.8 (9.02)	78.5 (6.38)	88.8 (5.59)	‡ (†)	‡ (†)	15.4 (2.47)	79.5 (6.59)	‡ (†)	31.9 (9.15)	84.5 (5.63)
Registered nurses, pharmacists, dietitians, therapists, and physician's assistants .....	59.6 (6.69)	86.7 (2.47)	85.4 (4.10)	82.7 (3.83)	85.4 (4.05)	‡ (†)	‡ (†)	7.9 (2.17)	78.2 (4.89)	‡ (†)	27.4 (3.73)	83.1 (3.92)
Writers, artists, entertainers, and athletes .....	42.9 (6.63)	49.9 (4.37)	50.0 (6.93)	46.8 (6.03)	52.5 (6.59)	‡ (†)	‡ (†)	5.4 † (2.16)	27.8 (5.02)	‡ (†)	35.3 (6.42)	88.2 (3.89)
Health technologists and technicians .....	68.6 (10.03)	74.8 (3.64)	66.9 (6.16)	85.6 (3.25)	72.1 (8.37)	‡ (†)	‡ (†)	6.0 † (2.11)	63.2 (8.67)	‡ (†)	24.6 (5.91)	75.6 (7.26)
Technologists and technicians, except health and engineering .....	53.0 (6.49)	64.3 (2.84)	59.6 (5.07)	70.2 (3.32)	33.8 (8.53)	‡ (†)	‡ (†)	7.1 † (3.19)	29.1 (7.68)	‡ (†)	6.2 † (2.14)	76.0 (8.80)
Marketing and sales occupations .....	34.4 (2.38)	44.2 (1.34)	44.4 (2.73)	51.1 (2.10)	45.7 (3.00)	1.7 † (0.59)	‡ (†)	4.5 (0.88)	30.2 (2.77)	‡ (†)	21.5 (2.43)	68.9 (3.37)
Administrative support occupations, including clerical .....	29.9 (1.74)	51.7 (1.25)	50.1 (2.29)	58.7 (1.72)	54.6 (2.70)	1.1 † (0.53)	‡ (†)	6.6 (0.98)	33.5 (2.70)	‡ (†)	27.7 (2.18)	73.8 (2.33)
Service occupations .....	25.2 (1.82)	46.5 (1.38)	50.9 (2.74)	49.3 (2.24)	44.7 (2.47)	1.6 (0.39)	1.9 † (0.88)	6.8 (1.42)	28.5 (2.64)	1.4 † (0.57)	17.5 (2.10)	65.4 (2.71)
Agriculture, forestry, and fishing occupations .....	14.3 † (5.19)	26.4 (3.55)	34.3 (7.16)	46.4 (6.80)	44.4 (9.02)	‡ (†)	‡ (†)	‡ (†)	20.3 † (6.92)	‡ (†)	21.6 † (10.05)	64.0 (10.03)
Mechanics and repairers .....	32.1 (4.72)	47.6 (2.70)	42.2 (5.44)	35.1 (3.40)	40.1 (5.10)	‡ (†)	‡ (†)	6.0 † (1.89)	27.4 (4.26)	3.8 † (1.38)	12.7 (3.18)	69.3 (4.27)
Construction and extractive occupations .....	21.9 (3.38)	38.0 (2.45)	34.5 (4.78)	32.3 (3.19)	27.6 (3.73)	‡ (†)	1.1 † (0.49)	3.2 † (1.08)	12.3 (2.54)	5.2 † (1.89)	11.4 (2.72)	72.3 (4.48)
Precision production <sup>2</sup> .....	31.2 (6.09)	43.0 (4.32)	38.3 (8.48)	35.1 (6.19)	33.0 (3.98)	‡ (†)	0.4 † (0.16)	4.2 † (1.42)	22.2 (3.41)	‡ (†)	13.3 (2.99)	63.9 (3.46)
Production workers .....	21.1 (2.31)	30.7 (1.29)	38.0 (3.47)	39.4 (2.82)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Transportation, material moving .....	20.7 (4.69)	28.4 (2.32)	33.3 (4.25)	30.4 (3.29)	34.6 (5.27)	‡ (†)	‡ (†)	‡ (†)	14.7 (2.63)	3.2 † (1.57)	11.2 (2.85)	60.8 (4.98)
Handler, equipment, cleaners, helpers, and laborers .....	20.8 (3.49)	25.1 (2.70)	19.6 (4.56)	18.2 (3.20)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
Miscellaneous occupations .....	— (†)	56.6 (3.61)	43.0 (7.98)	64.9 (7.07)	39.2 (11.25)	‡ (†)	‡ (†)	‡ (†)	15.7 † (5.81)	‡ (†)	7.8 † (3.63)	52.2 (12.32)
<b>Annual household income</b>												
\$5,000 or less .....	13.6 (1.70)	21.3 (1.59)	21.0 (3.22)	25.1 (2.92)	35.9 (4.83)	‡ (†)	‡ (†)	3.6 † (1.52)	13.7 (4.00)	‡ (†)	17.2 (3.59)	52.9 (4.97)
\$5,001 to \$10,000 .....	17.5 (2.14)	23.9 (1.37)	24.5 (3.39)	28.0 (2.74)	29.6 (4.49)	2.4 † (0.92)	1.5 † (0.71)	1.7 † (0.81)	8.4 (2.11)	‡ (†)	21.8 (4.75)	61.0 (3.75)
\$10,001 to \$15,000 .....	22.8 (2.60)	26.7 (1.61)	22.8 (2.45)	28.6 (2.30)	25.0 (3.41)	2.4 (0.69)	0.8 † (0.33)	3.3 † (1.17)	11.3 (2.52)	‡ (†)	15.5 (3.14)	58.6 (4.43)
\$15,001 to \$20,000 .....	21.9 (2.35)	31.8 (1.55)	31.4 (2.75)	30.2 (2.48)	24.3 (2.54)	1.0 † (0.38)	‡ (†)	3.3 † (1.19)	10.1 (1.37)	2.6 † (1.20)	12.9 (2.00)	61.1 (3.17)
\$20,001 to \$25,000 .....	26.7 (3.20)	31.4 (1.27)	35.8 (2.81)	35.2 (2.27)	28.2 (2.51)	1.7 † (0.78)	1.9 † (0.62)	4.4 (1.26)	12.8 (2.04)	1.1 † (0.50)	13.6 (1.88)	63.2 (3.11)
\$25,001 to \$30,000 .....	32.1 (2.51)	37.9 (1.47)	36.7 (2.61)	38.3 (2.43)	38.6 (3.63)	‡ (†)	1.3 † (0.61)	6.8 † (2.09)	20.2 (3.37)	‡ (†)	18.4 (2.52)	71.0 (3.38)
\$30,001 to \$40,000 .....	35.6 (1.84)	42.7 (0.86)	45.2 (2.05)	44.6 (1.54)	42.7 (2.65)	1.9 † (0.65)	1.0 † (0.49)	3.7 (0.68)	22.8 (2.27)	1.1 † (0.39)	23.0 (2.49)	68.7 (2.36)
\$40,001 to \$50,000 .....	44.8 (1.84)	46.8 (1.39)	47.9 (2.31)	49.1 (1.93)	41.4 (2.92)	1.6 † (0.53)	‡ (†)	2.9 (0.55)	22.4 (2.00)	1.5 † (0.56)	20.5 (2.47)	71.9 (2.62)
\$50,001 to \$75,000 .....	46.6 (2.03)	52.0 (0.94)	55.1 (1.80)	55.7 (1.48)	47.7 (1.74)	0.4 † (0.19)	‡ (†)	5.8 (0.69)	33.0 (1.37)	0.9 † (0.36)	20.5 (1.67)	70.6 (2.15)
More than \$75,000 .....	48.7 (3.15)	58.0 (1.27)	56.9 (1.66)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)	— (†)
\$75,001 to \$100,000 .....	— (†)	— (†)	— (†)	59.7 (1.91)	56.4 (2.28)	‡ (†)	‡ (†)	7.5 (0.89)	38.6 (2.26)	1.8 † (0.64)	25.3 (1.51)	75.0 (1.97)
More than \$100,000 .....	— (†)	— (†)	— (†)	59.3 (1.82)	58.4 (2.11)	‡ (†)	‡ (†)	6.1 (0.70)	39.4 (1.80)	‡ (†)	28.2 (1.62)	81.2 (1.68)

—Not available.

†Not applicable.

!Interpret data with caution. The coefficient of variation (CV) for this estimate is between 30 and 50 percent.

‡Reporting standards not met. Either there are too few cases for a reliable estimate or the coefficient of variation (CV) is 50 percent or greater.

<sup>1</sup>Includes college and university degree programs, post-degree certificate programs, and vocational certificate programs.<sup>2</sup>For 2005, figures include "Production workers" occupations data.

NOTE: Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Data do not include persons enrolled in high school or below. Race categories exclude persons of Hispanic ethnicity. SOURCE: U.S. Department of Education, National Center for Education Statistics, Adult Education Survey (AE-NHES:1991, AE-NHES:1995, AE-NHES:1999, and AE-NHES:2005) and Adult Education and Lifelong Learning Survey (AELL-NHES:2001) of the National Household Education Surveys Program. (This table was prepared November 2010.)





## APPENDIX A

### Guide to Sources

The information presented in this report was obtained from many sources, including federal and state agencies, private research organizations, and professional associations. The data were collected using many research methods, including surveys of a universe (such as all colleges) or of a sample, compilations of administrative records, and statistical projections. Brief descriptions of the information sources and data collection methods are presented below, grouped by sponsoring organization. More extensive documentation of a particular survey's procedures does not imply more problems with the data, only that more information is available.

#### National Center for Education Statistics (NCES)

##### *Baccalaureate and Beyond Longitudinal Study*

The Baccalaureate and Beyond Longitudinal Study (B&B) is based on the National Postsecondary Student Aid Study (NPSAS) and provides information concerning education and work experience after completing a bachelor's degree. A special emphasis of B&B is on those entering teaching. B&B provides cross-sectional information 1 year after bachelor's degree completion (comparable to the information that was provided in the Recent College Graduates study), while at the same time providing longitudinal data concerning entry into and progress through graduate-level education and the workforce, income, and debt repayment. This information has not been available through follow-ups involving high school cohorts or even college-entry cohorts, because these cohorts have limited numbers who actually complete a bachelor's degree and continue their graduate education.

B&B followed NPSAS baccalaureate degree completers for a 10-year period after completion, beginning with NPSAS:93. About 11,000 students who completed their degrees in the 1992–93 academic year were included in the first B&B cohort (B&B:93). The first follow-up of this cohort (B&B:93/94) occurred 1 year later. In addition to collecting student data, B&B:93/94 collected postsecondary transcripts covering the undergraduate period, which provided complete information on progress and persistence at the undergraduate level. The second follow-up of this

cohort (B&B:93/97) took place in spring 1997 and gathered information on employment history, family formation, and enrollment in graduate programs. The third follow-up (B&B:93/03) occurred in 2003 and provided information concerning graduate study and long-term employment experiences after degree completion.

The second B&B cohort (B&B:2000), which was associated with NPSAS:2000, included 11,700 students who completed their degrees in the 1999–2000 academic year. The first and only follow-up survey of this cohort was conducted in 2001 (B&B:2000/01) and focused on time to degree completion, participation in postbaccalaureate education and employment, and the activities of newly qualified teachers.

The third B&B cohort (B&B:08), which is associated with NPSAS:08, included 18,000 students who completed their degrees in the 2007–08 academic year. The first follow-up took place in 2009 (B&B:08/09), and the second follow-up took place in 2012–13 (B&B:08/12). A third and final follow-up (B&B:08/18) is planned for 2018.

Further information on B&B may be obtained from

Aurora D'Amico

Ted Socha

Postsecondary, Adult, and Career Education Division  
Postsecondary Longitudinal and Sample Studies Program  
National Center for Education Statistics

1990 K Street NW

Washington, DC 20006

[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)

[ted.socha@ed.gov](mailto:ted.socha@ed.gov)

<http://nces.ed.gov/surveys/b&b>

##### *Beginning Postsecondary Students Longitudinal Study*

The Beginning Postsecondary Students Longitudinal Study (BPS) provides information on persistence, progress, and attainment from initial time of entry into postsecondary education through completion and entry into the workforce. BPS includes traditional and nontraditional (e.g., older) students and is representative of all beginning students in postsecondary education in a given year. Initially, these individuals are surveyed in the National Postsecondary Student Aid Study (NPSAS) during the year in

which they first begin their postsecondary education. These same students are surveyed again 2 and 5 years later through the BPS. By starting with a cohort that has already entered postsecondary education and following it for 6 years, the BPS can determine to what extent students who start postsecondary education at various ages differ in their progress, persistence, and attainment. The first BPS was conducted in 1989–90, with follow-ups in 1992 (BPS:90/92) and 1994 (BPS:90/94). The second BPS was conducted in 1995–96, with follow-ups in 1998 (BPS:96/98) and 2001 (BPS:96/01). The third BPS was conducted in 2003–04, with follow-ups in 2006 (BPS:04/06) and 2009 (BPS:04/09). A fourth BPS was conducted in 2012, with follow-ups planned in 2014 and 2017.

Further information on BPS may be obtained from

Aurora D’Amico  
 Sarah Crissey  
 Postsecondary, Adult, and Career Education Division  
 Postsecondary Longitudinal and Sample Studies Program  
 National Center for Education Statistics  
 1990 K Street NW  
 Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
[sarah.crissey@ed.gov](mailto:sarah.crissey@ed.gov)  
<http://nces.ed.gov/surveys/bps>

## ***Common Core of Data***

The Common Core of Data (CCD) is NCES’s primary database on public elementary and secondary education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts containing data designed to be comparable across all states. This database can be used to select samples for other NCES surveys and provide basic information and descriptive statistics on public elementary and secondary schools and schooling in general.

The CCD collects statistical information annually from approximately 100,000 public elementary and secondary schools and approximately 18,000 public school districts (including supervisory unions and regional education service agencies) in the 50 states, the District of Columbia, Department of Defense (DoD) dependents schools, the Bureau of Indian Education, Puerto Rico, American Samoa, Guam, the Northern Mariana Islands, and the U.S. Virgin Islands. Three categories of information are collected in the CCD survey: general descriptive information on schools and school districts; data on students and staff; and fiscal data. The general descriptive information includes name, address, phone number, and type of locale; the data on students and staff include selected demographic characteristics; and the fiscal data pertain to revenues and current expenditures.

The EDFacts data collection system is the primary collection tool for the CCD. NCES works collaboratively with the Department of Education’s Performance Information Man-

agement Service to develop the CCD collection procedures and data definitions. Coordinators from State Education Agencies (SEAs) submit the CCD data at different levels (school, agency, and state) to the EDFacts collection system. Prior to submitting CCD files to EDFacts, SEAs must collect and compile information from their respective Local Education Agencies (LEAs) through established administrative records systems within their state or jurisdiction.

Once SEAs have completed their submissions, the CCD survey staff analyzes and verifies the data for quality assurance. Even though the CCD is a universe collection and thus not subject to sampling errors, nonsampling errors can occur. The two potential sources of nonsampling errors are nonresponse and inaccurate reporting. NCES attempts to minimize nonsampling errors through the use of annual training of SEA coordinators, extensive quality reviews, and survey editing procedures. In addition, each year, SEAs are given the opportunity to revise their state-level aggregates from the previous survey cycle.

The CCD survey consists of six components: The Public Elementary/Secondary School Universe Survey, the Local Education Agency (School District) Universe Survey, the State Nonfiscal Survey of Public Elementary/Secondary Education, the National Public Education Financial Survey (NPEFS), the School District Fiscal Data Survey (F-33), and the Teacher Compensation Survey.

### **Public Elementary/Secondary School Universe Survey**

The Public Elementary/Secondary School Universe Survey includes all public schools providing education services to prekindergarten, kindergarten, grade 1–12, and ungraded students. The CCD Public Elementary/Secondary School Universe Survey includes records for each public elementary and secondary school in the 50 states, the District of Columbia, Puerto Rico, the Commonwealth of the Northern Mariana Islands, the U.S. Virgin Islands, the Bureau of Indian Education, and the DoD dependents schools (overseas and domestic).

The Public Elementary/Secondary School Universe Survey includes data for the following variables: NCES school ID number, state school ID number, name of the school, name of the agency that operates the school, mailing address, physical location address, phone number, school type, operational status, locale code, latitude, longitude, county number, county name, full-time-equivalent (FTE) classroom teacher count, low/high grade span offered, congressional district code, school level, free lunch eligible students, reduced-price lunch eligible students, total free and reduced-price lunch eligible students, and student totals and detail (by grade, by race/ethnicity, and by sex). The survey also contains flags indicating whether a school is Title I eligible, schoolwide Title I eligible, a magnet school, a charter school, a shared-time school, or a BIE school; which grades are offered at the school; and if the school was reconstituted due to Annual Yearly Progress (AYP) reasons.

## Local Education Agency (School District) Universe

The coverage of the Local Education Agency Universe Survey includes all school districts and administrative units providing education services to prekindergarten, kindergarten, grade 1–12, and ungraded students. The CCD Local Education Agency Universe Survey includes records for the 50 states, the District of Columbia, Puerto Rico, the Bureau of Indian Education, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, the U.S. Virgin Islands, and the DoD dependents schools (overseas and domestic).

The Local Education Agency Universe Survey includes the following variables: NCES agency ID number, state agency ID number, agency name, phone number, mailing address, physical location address, agency type code, supervisory union number, American National Standards Institute (ANSI) state and county code, county name, core based statistical area (CBSA) code, metropolitan/micro-politan code, metropolitan status code, district locale code, congressional district code, operational status code, BIE agency status, low/high grade span offered, agency charter status, number of schools, number of full-time-equivalent (FTE) teachers, number of ungraded students, number of PK–12 students, number of special education/Individualized Education Program (IEP) students, number of English language learner (ELL) students, instructional staff fields, support staff fields, and a flag indicating whether student counts by race/ethnicity were reported by five or seven racial/ethnic categories.

## State Nonfiscal Survey of Public Elementary/Secondary Education

The State Nonfiscal Survey of Public Elementary/Secondary Education for the 2010–11 school year provides state-level, aggregate information about students and staff in public elementary and secondary education. It includes 58 responding units: the 50 states, the District of Columbia, Puerto Rico, American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, the U.S. Virgin Islands, the DoD dependents schools (overseas and domestic), and the Bureau of Indian Education. This survey covers public school student membership by grade, race/ethnicity, and state or jurisdiction and covers number of staff in public schools by category and state or jurisdiction. Beginning with the 2006–07 school year, the number of diploma recipients and other high school completers are no longer included in the State Nonfiscal Survey of Public Elementary/Secondary Education file. These data are now published in the public-use Common Core of Data State Dropout and Completion Data File.

## National Public Education Financial Survey

The purpose of the National Public Education Financial Survey (NPEFS) is to provide district, state, and federal policymakers, researchers, and other interested users with descriptive information about revenues and expenditures for public elementary and secondary education. The data collected are useful to (1) chief officers of state education agencies; (2) policymakers in the executive and legislative branches of federal and state governments; (3) education policy and public policy researchers; and (4) the public, journalists, and others.

Data for NPEFS are collected from SEAs in the 50 states, the District of Columbia, Puerto Rico, and four other jurisdictions (American Samoa, Guam, the Commonwealth of the Northern Mariana Islands, and the U.S. Virgin Islands). The data file is organized by state or jurisdiction and contains revenue data by source and expenditure data by source (e.g., local, state, federal), function (the activity being supported by the expenditure), and object (the category of expenditure). The data file also contains average daily attendance data, as well as total student membership data from the CCD State Nonfiscal Survey of Public Elementary/Secondary Education.

## School District Finance Survey

The purpose of the School District Finance Survey (F-33) is to provide finance data for all local education agencies (LEAs) that provide free public elementary and secondary education in the United States. National and state totals are not included (national- and state-level figures are presented, however, in the National Public Education Financial Survey [NPEFS]).

Both NCES and the Governments Division of the U.S. Census Bureau collect public school system finance data, and they collaborate in their efforts to gather these data. The Census Bureau acts as the primary collection agent and produces two data files: one for distribution and reporting by the Census Bureau and the other for distribution and reporting by NCES.

The data file for the FY 09 CCD School District Finance Survey (F-33) contains 16,563 records representing the public elementary and secondary education agencies in the 50 states and the District of Columbia. The F-33 file includes variables for revenues by source, expenditures by function, indebtedness, assets, student membership counts, as well as identification variables.

## Teacher Compensation Survey

The Teacher Compensation Survey (TCS) collects total compensation, teacher status, and demographic data about individual teachers from multiple states. Twenty-three (23) states participated in the TCS for SY 2008–09.

The following text table lists the CCD file versions used in the current edition of the *Digest of Education Statistics*:

**Table G. Common Core of Data (CCD) file versions used in the current edition of the *Digest of Education Statistics: 1986–87 through 2010–11***

Year	State Nonfiscal Survey of Public Elementary and Secondary Education	NCES CCD State Dropout and Completion Data	National Public Education Financial Survey	Local Education Agency Universe Survey	School District Finance Survey	Public Elementary/Secondary School Universe File
1986–87 (FY 1987).....	v.1c	†	v.1b-Revised	v.1	†	v.1
1987–88 (FY 1988).....	v.1c	†	v.1b-Revised	v.1	†	v.1
1988–89 (FY 1989).....	v.1c	†	v.1b-Revised	v.1	†	v.1
1989–90 (FY 1990).....	v.1c	†	v.1b-Revised	v.1	v.1a-Final <sup>1</sup>	v.1
1990–91 (FY 1991).....	v.1c	†	v.1b-Revised	v.1	†	v.1
1991–92 (FY 1992).....	v.1c	†	v.1b-Revised	v.1	v.1a-Final <sup>1</sup>	Revised
1992–93 (FY 1993).....	v.1c	†	v.1b-Revised	v.1	†	v.1
1993–94 (FY 1994).....	v.1b	†	v.1b-Revised	v.1	†	Revised
1994–95 (FY 1995).....	v.1b	†	v.1b-Revised	Revised	v.1d-Revised <sup>1</sup>	Revised
1995–96 (FY 1996).....	v.1b	†	v.1b-Revised	v.1	v.1b-Revised <sup>1</sup>	v.1
1996–97 (FY 1997).....	v.1c	†	v.1b-Revised	v.1	v.1a-Final <sup>1</sup>	v.1
1997–98 (FY 1998).....	v.1c	†	v.1b-Revised	v.1	v.1e-Revised <sup>1</sup>	v.1
1998–99 (FY 1999).....	v.1b	†	v.1b-Revised	v.1c	v.1c-Revised <sup>1</sup>	v.1c
1999–2000 (FY 2000).....	v.1b	†	v.1b-Revised	v.1b	v.1d-Revised <sup>1</sup>	v.1b
2000–01 (FY 2001).....	v.1c	†	v.1b-Revised	v.1a	v.1d-Revised <sup>1</sup>	v.1a
2001–02 (FY 2002).....	v.1c	†	v.1c-Revised	v.1a	v.1c-Revised <sup>1</sup>	v.1a
2002–03 (FY 2003).....	v.1b	†	v.1b-Revised	v.1a	v.1b-Revised <sup>1</sup>	v.1a
2003–04 (FY 2004).....	v.1b	†	v.1b-Revised	v.1b	v.1b-Revised <sup>1</sup>	v.1a
2004–05 (FY 2005).....	v.1f	†	v.1b-Revised	v.1c	v.1c-Revised <sup>1</sup>	v.1b
2005–06 (FY 2006).....	v.1b	v.1b	v.1b-Revised	v.1a	v.1a-Final <sup>1</sup>	v.1a
2006–07 (FY 2007).....	v.1c	v.1a	v.1b-Revised	v.1c	v.1a-Final <sup>1</sup>	v.1c
2007–08 (FY 2008).....	v.1b	v.1a	v.1a-Final	v.1b	v.1a-Final	v.1b
2008–09 (FY 2009).....	v.1c	v.1a	v.1b-Revised	v.1a	v.1a-Final	v.1b
2009–10 (FY 2010).....	v.1b	v.1a	—	v.2a	v.1a	v.2a
2010–11.....	v.1a	—	—	v.2a	—	v.2a

—Not available.

†Not applicable. Survey not conducted.

<sup>1</sup>Data not used in current edition of *Digest of Education Statistics*.SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data (CCD), retrieved April 4, 2013, from <http://nces.ed.gov/ccd/ccddata.asp>. (This table was prepared April 2013.)

Further information on the nonfiscal CCD data may be obtained from

Patrick Keaton  
Elementary/Secondary and Library Studies Division  
Elementary/Secondary Cooperative System and Institutional Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[patrick.keaton@ed.gov](mailto:patrick.keaton@ed.gov)  
<http://nces.ed.gov/ccd>

Further information on the fiscal CCD data may be obtained from

Stephen Cornman  
Elementary/Secondary and Library Studies Division  
Elementary/Secondary Cooperative System and Institutional Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[stephen.cornman@ed.gov](mailto:stephen.cornman@ed.gov)  
<http://nces.ed.gov/ccd>

## ***Early Childhood Longitudinal Study, Birth Cohort of 2001***

The Early Childhood Longitudinal Study, Birth Cohort (ECLS-B) is designed to provide decisionmakers, researchers, child care providers, teachers, and parents with nationally representative information about children's early learning experiences and the transition to child care and school. Children's cognitive and physical development, care, and learning experiences at home and school are measured using standardized assessments and interviews with adults in the children's lives from birth through kindergarten entry.

Data were collected from a sample of about 10,700 children born in the United States in 2001, representing a population of approximately 4 million. The children participating in the study came from diverse socioeconomic and racial/ethnic backgrounds, with oversamples of Chinese, other Asian and Pacific Islander, American Indian/Alaska Native, twin, and moderately low and very low birth weight children. Children, their parents (including nonresident and resident fathers), their child care and early education providers, and their teachers provided information on children's cognitive, social, emotional, and physical development across multiple settings (e.g., home, child care, and school).

Information about the ECLS-B children was collected when they were approximately 9 months old (2001–02), 2 years old (2003–04), and 4 years old/preschool age (2005–06). Additionally, in the fall of 2006, data were collected from all participating sample children, approximately 75 percent of

whom were in kindergarten or higher. In the fall of 2007, data were collected from the approximately 25 percent of participating sample children who had not yet entered kindergarten or higher in the previous collection, as well as children who were repeating kindergarten in the 2007–08 school year.

In every round of data collection, children participated in assessment activities and parent respondents (usually the children’s mothers) were asked about themselves, their families, and their children. Resident fathers were asked about themselves and their role in the ECLS-B children’s lives in the 9-month, 2-year, and preschool collections. Similar information was collected from nonresident biological fathers in the 9-month and 2-year collections. In addition, beginning when the children were 2 years old, their child care and early education providers were asked to provide information about their own experience and training and their setting’s learning environment. At 2 years and preschool, a subsample of children in regular nonparental care and education arrangements had their arrangements observed to obtain information on the quality of those arrangements. When the ECLS-B children were in kindergarten, their teachers were asked to provide information about children’s early learning experiences and the school and classroom environments. Also, the before- and after-school care and education providers of children enrolled in kindergarten were asked to provide information about their own experience, their training, and their setting’s learning environment. School-level data, taken from other NCES data sets (the Common Core of Data and the Private School Universe Survey), and residential zip codes collected at each wave supported community descriptions.

Further information on the ECLS-B may be obtained from

Gail Mulligan

Early Childhood, International, and Crosscutting Studies Division  
Early Childhood and Household Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[ecls@ed.gov](mailto:ecls@ed.gov)  
<http://nces.ed.gov/ecls/birth.asp>

### ***Early Childhood Longitudinal Study, Kindergarten Class of 1998–99***

The Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K) was designed to provide detailed information on children’s early school experiences. The study began in the fall of 1998. A nationally representative sample of 21,300 children enrolled in 940 kindergarten programs during the 1998–99 school year was selected to participate in the ECLS-K. The children attended both public and private kindergartens, and full-day and part-day programs. The sample included children from different racial/ethnic and socioeconomic backgrounds and oversamples of Asian and Pacific Islander children and private school kindergartners. Base-year data were collected in the fall and

spring of the kindergarten year. Data were collected again in the fall of first grade in 1999 (from a 30 percent subsample of schools) and the spring of first grade in 2000, and then in the spring of third grade in 2002, the spring of fifth grade in 2004, and the spring of eighth grade in 2007.

From kindergarten to fifth grade, the ECLS-K included a direct child cognitive assessment that was administered one-on-one with each child in the study. The assessment used a computer-assisted personal interview (CAPI) approach and a two-stage adaptive testing methodology. In the eighth grade, a two-stage adaptive paper-and-pencil assessment was administered in small groups. At kindergarten and first grade, the assessment included three cognitive domains—reading, mathematics, and general knowledge. General knowledge was replaced by science at the third, fifth, and eighth grades. Children’s height and weight were measured at each data collection point, and a direct measure of children’s psychomotor development was administered in the fall of the kindergarten year only. In addition to these measures, the ECLS-K collected information about children’s social skills and academic achievement through teacher reports, and through student reports at the third, fifth, and eighth grades.

A computer-assisted telephone interview with the children’s parents/guardians was conducted at each data collection point. Parents/guardians were asked to provide key information about the ECLS-K sample children on subjects such as family demographics (e.g., family members, age, relation to child, race/ethnicity), family structure (e.g., household members and composition), parent involvement, home educational activities (e.g., reading to the child), child health, parental education and employment status, and the social skills and behaviors of their children.

Data on the schools that children attended and their classrooms were collected through self-administered questionnaires completed by school administrators and classroom teachers. Administrators provided information about the school population, programs, and policies. At the classroom level, data were collected from the teachers on the composition of the classroom, teaching practices, curriculum, and teacher qualifications and experience. In addition, special education teachers and related services staff provided reports on the services received by children with disabilities.

New data are being collected on a 2011 ECLS-K cohort, which is described under “Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011),” below.

Further information on the ECLS-K may be obtained from

Chris Chapman

Early Childhood, International, and Crosscutting Studies Division  
Early Childhood and Household Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[ecls@ed.gov](mailto:ecls@ed.gov)  
<http://nces.ed.gov/ecls/kindergarten.asp>

### ***Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011)***

The Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011) has been initiated to provide detailed information on the school achievement and experiences of students throughout their elementary school years. The students participating in the ECLS-K:2011 are being followed longitudinally from the kindergarten year (the 2010–11 school year) through the spring of 2016, when most of them are expected to be in fifth grade. This sample of students is designed to be nationally representative of all students who were enrolled in kindergarten or who were of kindergarten age and being educated in an ungraded classroom or school in the United States in the 2010–11 school year, including those in public and private schools, those who attended full-day and part-day programs, those who were in kindergarten for the first time, and those who were kindergarten repeaters. Students who attended early learning centers or institutions that offered education only through kindergarten are included in the study sample and represented in the cohort.

The ECLS-K:2011 places emphasis on measuring students' experiences within multiple contexts and development in multiple domains. The design of the study includes the collection of information from the students, their parents/guardians, their teachers, their schools, and their before- and after-school care providers.

A nationally representative sample of approximately 18,200 children enrolled in 970 schools during the 2010–11 school year participated in the base year of the ECLS-K:2011. The sample includes children from different racial/ethnic and socioeconomic backgrounds. Asian/Pacific Islander students were oversampled to assure that the sample included enough students of this race/ethnicity to be able to make accurate estimates for these students as a group. Two data collections were conducted in the 2010–11 school year, one in the fall and one in the spring. A total of approximately 780 of the 1,320 originally sampled schools participated during the base year of the study. This translates into a weighted unit response rate (weighted by the base weight) of 63 percent for the base year.

Further information on the ECLS-K:2011 may be obtained from

Gail Mulligan  
Early Childhood, International, and Crosscutting Studies Division  
Early Childhood and Household Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[ecls@ed.gov](mailto:ecls@ed.gov)  
<http://nces.ed.gov/ecls/birth.asp>

### ***Education Longitudinal Study of 2002***

The Education Longitudinal Study of 2002 (ELS:2002) is a longitudinal survey that is monitoring the transitions of a national probability sample of 10th-graders in public, Catholic, and other private schools. Survey waves follow both students and high school dropouts and monitor the transition of the cohort to postsecondary education, the labor force, and family formation.

In the base year of the study, of 1,200 eligible contacted schools, 750 participated, for an overall weighted school participation rate of approximately 68 percent (62 percent unweighted). Of 17,600 selected eligible students, 15,400 participated, for an overall weighted student response rate of approximately 87 percent. (School and student weighted response rates reflect use of the base weight [design weight] and do not include nonresponse adjustments.) Information for the study is obtained not just from students and their school records, but also from the students' parents, their teachers, their librarians, and the administrators of their schools.

The first follow-up was conducted in 2004, when most sample members were high school seniors. Base-year students who remained in their base schools were resurveyed and tested in mathematics, along with a freshening sample to make the study representative of spring 2004 high school seniors nationwide. Students who were not still at their base schools were administered a questionnaire.

The second follow-up, conducted in 2006, continued to follow the sample of students into postsecondary education, the workforce, or both. The third follow-up (2012) will be released in late 2013.

Further information on ELS:2002 may be obtained from

Elise Christopher  
Elementary/Secondary and Libraries Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[elise.christopher@ed.gov](mailto:elise.christopher@ed.gov)  
<http://nces.ed.gov/surveys/els2002>

### ***Fast Response Survey System***

The Fast Response Survey System (FRSS) was established in 1975 to collect issue-oriented data quickly, with a minimal burden on respondents. The FRSS, whose surveys collect and report data on key education issues at the elementary and secondary levels, was designed to meet the data needs of Department of Education analysts, planners, and decisionmakers when information could not be collected quickly through NCES's large recurring surveys. Findings from FRSS surveys have been included in congressional reports, testimony to congressional subcommittees, NCES reports, and other Department of Education reports. The findings are also often used by state and local education officials.

Data collected through FRSS surveys are representative at the national level, drawing from a universe that is appropriate for each study. The FRSS collects data from state education agencies and national samples of other educational organizations and participants, including local education agencies, public and private elementary and secondary schools, elementary and secondary school teachers and principals, and public libraries and school libraries. To ensure a minimal burden on respondents, the surveys are generally limited to three pages of questions, with a response burden of about 30 minutes per respondent. Sample sizes are relatively small (usually about 1,000 to 1,500 respondents per survey) so that data collection can be completed quickly.

Further information on the FRSS may be obtained from

John Ralph  
Early Childhood, International, and Crosscutting Studies Division  
Data Development Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[john.ralph@ed.gov](mailto:john.ralph@ed.gov)  
<http://nces.ed.gov/surveys/frss>

#### Condition of America's Public School Facilities: 1999

This report (NCES 2000-032) provides national data about the condition of public schools in 1999 based on a survey conducted by NCES using its Fast Response Survey System (FRSS). Specifically, this report provides information about the condition of school facilities and the costs of bringing them into good condition; school plans for repairs, renovations, and replacements; the age of public schools; and overcrowding and practices used to address overcrowding. The results presented in this report are based on questionnaire data for 900 public elementary and secondary schools in the United States. The responses were weighted to produce national estimates that represent all regular public schools in the United States.

Further information on the contents of this report may be obtained from

John Ralph  
Early Childhood, International, and Crosscutting Studies Division  
Data Development Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[john.ralph@ed.gov](mailto:john.ralph@ed.gov)  
<http://nces.ed.gov/surveys/frss>

#### Public School Principals Report on Their Facilities: Fall 2005

This report (NCES 2007-007) presents information on the extent of the match between the enrollment and the capacity of the school buildings, environmental factors that can affect the use of classrooms and school buildings, the extent and ways in which schools use portable buildings and the reasons

for using them, the availability of dedicated rooms for particular subject areas (such as science labs or music rooms), and the cleanliness and maintenance of student restrooms.

The survey was mailed to school principals, who were asked to complete it themselves. The sample included 1,205 public schools in the 50 states and the District of Columbia. The sample was selected from the 2002–03 Common Core of Data (CCD) Public Elementary/Secondary School Universe File, the most current available at the time of selection. The sampling frame includes approximately 84,500 elementary/secondary schools. Of the 1,205 schools surveyed, 47 were determined to be ineligible. Of the remaining 1,158 schools, responses were received from 1,045. Data have been weighted to yield national estimates of public elementary/secondary schools. The unweighted response rate was 90 percent, and the weighted response rate was 91 percent.

Further information on this report may be obtained from

John Ralph  
Early Childhood, International, and Crosscutting Studies Division  
Data Development Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[john.ralph@ed.gov](mailto:john.ralph@ed.gov)  
<http://nces.ed.gov/surveys/frss>

#### Internet Access in U.S. Public Schools and Classrooms, 1994–2005

This report (NCES 2007-020) is based on data collected in the FRSS survey “Internet Access in U.S. Public Schools, Fall 2005” (FRSS 90). The survey was designed to assess the federal government’s commitment to assist every school and classroom in connecting to the Internet by the year 2000.

In 1994, NCES began surveying approximately 1,000 public schools each year regarding their access to the Internet, access in classrooms, and, since 1996, their type of internet connections. Later administrations of this survey were expanded to cover emerging issues. The 2003 survey (FRSS 86) was designed to update the questions in the 2002 survey (FRSS 83) and covered the following topics: school connectivity, student access to computers and the Internet, school websites, technologies and procedures to prevent student access to inappropriate websites, and teacher professional development on how to incorporate the Internet into the curriculum.

In 2005, respondents were asked about the number of instructional computers with access to the Internet, the types of internet connections, technologies and procedures used to prevent student access to inappropriate material on the Internet, and the availability of handheld and laptop computers for students and teachers. Respondents also provided information on teacher professional development in integrating the use of the Internet into the curriculum and using the Internet to provide opportunities and information for teaching and learning.

## Use of Educational Technology in Public Schools

In 2008, the NCES survey on educational technology use in public schools was redesigned and expanded to a set of three surveys (i.e., a school-, district-, and teacher-level survey). The three surveys provide complementary information, and together cover a broader range of topics than would be possible with one survey alone. The set of surveys collected data on availability and use of a range of educational technology resources, such as district and school networks, computers, devices that enhance the capabilities of computers for instruction, and computer software. They also collected information on leadership and staff support for educational technology within districts and schools.

*Educational Technology in U.S. Public Schools, Fall 2008* (NCES 2010-034) is based on the school-level survey, “Education Technology in U.S. Public Schools: Fall 2008” (FRSS 92), *Educational Technology in Public School Districts: Fall 2008* (NCES 2010-003) is based on the district-level school technology survey, “Educational Technology in Public School Districts: Fall 2008” (FRSS 93), and *Teachers’ Use of Educational Technology in U.S. Public Schools: 2009* (NCES 2010-040) is based on the teacher-level school technology survey, “Teachers’ Use of Educational Technology in U.S. Public Schools” (FRSS 95).

Further information on internet access and technology use in public schools and classrooms may be obtained from

John Ralph  
Early Childhood, International, and Crosscutting Studies Division  
Data Development Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[john.ralph@ed.gov](mailto:john.ralph@ed.gov)  
<http://nces.ed.gov/surveys/frss>

## Distance Education for Public Elementary and Secondary School Students

The report *Technology-Based Distance Education Courses for Public Elementary and Secondary School Students: 2002–03 and 2004–05* (NCES 2008-008) presented, from data collected in the FRSS survey “Distance Education Courses for Public Elementary and Secondary School Students: 2004–05” (FRSS 89, 2005), national estimates of the prevalence and characteristic of technology-based distance education course in public schools nationwide in school year 2004–05. The report also compared those data with the baseline data that were collected in the FRSS survey “Distance Education Courses for Public School Elementary and Secondary Students: 2002–03” (FRSS 84, 2003), and provided longitudinal analysis of change in the districts that responded to both the 2002–03 and 2004–05 surveys.

Distance education courses were defined as credit-granting courses offered to elementary and secondary school students enrolled in the district in which the teacher and student were in different locations. These courses

could be delivered via audio, video (live or prerecorded), or Internet or other computer technologies.

*Distance Education Courses for Public Elementary and Secondary School Students: 2009–10* (NCES 2012-008) presents national estimates about student enrollment in distance education courses in public school districts. The estimates are based on a district survey (“Distance Education Courses for Public Elementary and Secondary School Students: 2009–10,” FRSS 98, 2010) about distance education courses offered by the district or by any of the schools in the district during the 12-month 2009–10 school year. Distance education courses were defined as courses offered to elementary and secondary school students regularly enrolled in the district that were (1) credit granting; (2) technology delivered; and (3) had the instructor in a different location than the students and/or had course content developed in, or delivered from, a different location than that of the students.

Further information on FRSS reports on distance education may be obtained from

John Ralph  
Early Childhood, International, and Crosscutting Studies Division  
Data Development Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[john.ralph@ed.gov](mailto:john.ralph@ed.gov)  
<http://nces.ed.gov/surveys/frss>

## Federal Support for Education

NCES prepares an annual compilation of federal funds for education for the *Digest*. Data for U.S. Department of Education programs come from the *Budget of the United States Government*. Budget offices of other federal agencies provide information for all other federal program support except for research funds, which are obligations reported by the National Science Foundation in *Federal Funds for Research and Development*. Some data are estimated, based on reports from the federal agencies contacted and the *Budget of the United States Government*.

Except for money spent on research, outlays are used to report program funds to the extent possible. Some *Digest* tables report program funds as obligations, as noted in the title of the table. Some federal program funds not commonly recognized as education assistance are also included in the totals reported. For example, portions of federal funds paid to some states and counties as shared revenues resulting from the sale of timber and minerals from public lands have been estimated as funds used for education purposes. Parts of the funds received by states (in 1980) and localities (in all years) under the General Revenue Sharing Program are also included, as are portions of federal funds received by the District of Columbia. The share of these funds allocated to education is assumed to be equal to the share of general funds expended for elementary and secondary education by states and localities in the same year, as reported by the U.S. Census Bureau in its annual publication, *Government Finances*.



The share of federal funds assigned to education for the District of Columbia is assumed to be equal to the share of the city's general fund expenditures for each level of education.

For the job training programs conducted by the Department of Labor, only estimated sums spent on classroom training have been reported as educational program support.

During the 1970s, the Office of Management and Budget (OMB) prepared an annual analysis of federal education program support. These were published in the *Budget of the United States Government, Special Analyses*. The information presented in this report is not, however, a continuation of the OMB series. A number of differences in the two series should be noted. OMB required all federal agencies to report outlays for education-related programs using a standardized form, thereby assuring agency compliance in reporting. The scope of education programs reported in the *Digest* differs from the scope of programs reported in the OMB reports. Off-budget items such as the annual volume of guaranteed student loans were not included in OMB's reports. Finally, while some mention is made of an annual estimate of federal tax expenditures, OMB did not include them in its annual analysis of federal education support. Estimated federal tax expenditures for education are the difference between current federal tax receipts and what these receipts would be without existing education deductions to income allowed by federal tax provisions.

Recipients' data are estimated based on *Estimating Federal Funds for Education: A New Approach Applied to Fiscal Year 1980* (Miller, V., and Noell, J., 1982, *Journal of Education Finance*); *Federal Support for Education*, various years; and the *Catalog of Federal Domestic Assistance* ([cfda.gov](http://cfda.gov)). The recipients' data are estimated and tend to undercount institutions of higher education, students, and local education agencies. This is because some of the federal programs have more than one recipient receiving funds. In these cases, the recipients were put into a "mixed recipients" category, because there was no way to disaggregate the amount each recipient received.

Further information on federal support for education may be obtained from

Tom Snyder  
Early Childhood, International, and Crosscutting Studies Division  
Annual Reports Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[tom.snyder@ed.gov](mailto:tom.snyder@ed.gov)  
<http://nces.ed.gov/surveys/AnnualReports/federal.asp>

### ***High School and Beyond Longitudinal Study***

The High School and Beyond Longitudinal Study (HS&B) is a national longitudinal survey of individuals who were high school sophomores and seniors in 1980. The base-year survey (conducted in 1980) was a probability sample of 1,015 high schools with a target number of 36

sophomores and 36 seniors in each school. A total of 58,270 students participated in the base-year survey. Substitutions were made for nonparticipating schools—but not for students—in those strata where it was possible. Overall, 1,120 schools were selected in the original sample and 810 of these schools participated in the survey. An additional 200 schools were drawn in a replacement sample. Student refusals and absences resulted in an 82 percent completion rate for the survey.

Several small groups in the population were oversampled to allow for special study of certain types of schools and students. Students completed questionnaires and took a battery of cognitive tests. In addition, a sample of parents of sophomores and seniors (about 3,600 for each cohort) was surveyed.

HS&B first follow-up activities took place in the spring of 1982. The sample for the first follow-up survey included approximately 30,000 people who were sophomores in 1980. The completion rate for sample members eligible for on-campus survey administration was about 96 percent. About 89 percent of the students who left school between the base-year and first follow-up surveys (e.g., dropouts, transfer students, and early graduates) completed the first follow-up sophomore questionnaire.

As part of the first follow-up survey of HS&B, transcripts were requested in fall 1982 for an 18,150-member subsample of the sophomore cohort. Of the 15,940 transcripts actually obtained, 12,120 transcripts represented students that had graduated in 1982 and thus were eligible for use in the overall curriculum analysis presented in this publication. All courses in each transcript were assigned a 6-digit code based on the Classification of Secondary School Courses (a coding system developed to standardize course descriptions; see <http://nces.ed.gov/surveys/hst/courses.asp>). Credits earned in each course are expressed in Carnegie units. (The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. To receive credit for a course, the student must have received a passing grade—"pass," "D," or higher.) Students who transferred from public to private schools or from private to public schools between their sophomore and senior years were eliminated from public/private analyses.

In designing the senior cohort first follow-up survey, one of the goals was to reduce the size of the retained sample while still keeping sufficient numbers of various racial/ethnic groups to allow important policy analyses. A total of about 11,230 (93.6 percent) of the 12,000 people subsampled completed the questionnaire. Information was obtained about the respondents' school and employment experiences, family status, and attitudes and plans.

The samples for the second follow-up, which took place in spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

HS&B third follow-up data collection activities were performed in spring 1986. Both the sophomore and senior cohort samples for this round of data collection were the same as those used for the second follow-up survey. The completion rates for the sophomore and senior cohort samples were 91 percent and 88 percent, respectively.

HS&B fourth follow-up data collection activities were performed in 1992, but only surveyed the 1980 sophomore class. They examined aspects of these students' early adult years, such as enrollment in postsecondary education, experience in the labor market, marriage and child rearing, and voting behavior.

An NCES series of technical reports and data file user's manuals, available electronically, provides additional information on the survey methodology.

Further information on HS&B may be obtained from

Aurora D'Amico  
Postsecondary, Adult, and Career Education Division  
Postsecondary Cooperative System, Analysis, and Dissemination  
Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
<http://nces.ed.gov/surveys/hsb>

### ***High School Longitudinal Study of 2009 (HSL:09)***

The High School Longitudinal Study of 2009 (HSL:09) is a nationally representative, longitudinal study of more than 21,000 9th-grade students in 944 schools who will be followed through their secondary and postsecondary years. The study focuses on understanding students' trajectories from the beginning of high school into postsecondary education, the workforce, and beyond. Focused on, but not limited to, information on science, technology, engineering, and mathematics (STEM) education and careers, the HSL:09 questionnaire is designed to provide data on mathematics and science education, the changing high school environment, and postsecondary education. This study features a new student assessment in algebra skills, reasoning, and problem solving; includes surveys of students, their parents, math and science teachers, and school administrators; and contains a new survey of school counselors.

The HSL:09 student questionnaire includes interest and motivation items for measuring key factors predicting choice of postsecondary paths, including majors and eventual careers. This study will explore the roles of different factors in the development of a student's commitment to attend college and then take the steps necessary to succeed in college (the right courses, courses in specific sequences, etc.). Questionnaires in this study will ask more questions of students and parents regarding reasons for selecting specific colleges (e.g., academic programs, financial aid and access prices, and campus environment).

It will also look at levels of misinformation that may complicate postsecondary decisions.

HSL:09 will be able to survey respondents regarding applications, acceptances, and rejections at colleges during respondents' critical junior and senior years. A short computer-administered questionnaire will obtain information on college acceptances and actual college choices. In past longitudinal studies, this activity has been delayed until later follow-ups (2 years after high school).

Data collection for the first follow-up of HSL:09 took place in the spring of 2012, when most sample members were in the spring of the 11th grade. Release of data files and documentation for the first follow-up is expected in late 2013.

Further information on HSL:09 may be obtained from

Elise Christopher  
Elementary/Secondary & Libraries Studies Division  
1990 K Street NW  
Washington, DC 20006  
[hsls09@ed.gov](mailto:hsls09@ed.gov)  
<http://nces.ed.gov/surveys/hsls09>

### ***High School Transcript Studies***

High school transcript studies have been conducted since 1982 in conjunction with major NCES data collections. The studies collect information that is contained in a student's high school record—courses taken while attending secondary school, information on credits earned, when specific courses were taken, and final grades.

A high school transcript study was conducted in 2004 as part of the Education Longitudinal Study of 2002 (ELS:2002/2004). A total of 1,550 schools participated in the request for transcripts, for an unweighted participation rate of approximately 79 percent. Transcript information was received on 14,920 members of the student sample (not just graduates), for an unweighted response rate of 91 percent.

Similar studies were conducted of the coursetaking patterns of 1982, 1987, 1990, 1992, 1994, 1998, 2000, 2005, and 2009 high school graduates. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond Longitudinal Study (HS&B). The 1987 data are based on approximately 25,000 transcripts from 430 schools obtained as part of the 1987 NAEP High School Transcript Study, a scope comparable to that of the NAEP transcript studies conducted in 1990, 1994, 1998, and 2000. The 1992 data are based on approximately 15,000 transcripts collected by the National Education Longitudinal Study of 1988 (NELS:88/92). The 2005 data, from the 2005 NAEP High School Transcript Study, come from a sample of over 26,000 transcripts from 640 public schools and 80 private schools. The 2009 data are from the 2009 NAEP High School Transcript Study, which collected transcripts from a nationally representative sample of 37,700 high school graduates from about 610 public schools and 130 private schools.

Because the 1982 HS&B transcript study used a different method for identifying students with disabilities than was used in NAEP transcript studies after 1982, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program. This restriction lowers the number of 1990 graduates represented in the tables to 20,870.

Further information on NAEP high school transcript studies may be obtained from

Janis Brown  
Assessment Division  
Assessment Research, Development & Implementation Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[janis.brown@ed.gov](mailto:janis.brown@ed.gov)  
<http://nces.ed.gov/surveys/hst>

Further information on all other high school transcript studies may be obtained from

Carl Schmitt  
Elementary/Secondary and Library Studies Division  
Elementary/Secondary Cooperative System & Institutional Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[carl.schmitt@ed.gov](mailto:carl.schmitt@ed.gov)  
<http://nces.ed.gov/surveys/hst>

## ***Integrated Postsecondary Education Data System***

The Integrated Postsecondary Education Data System (IPEDS) surveys approximately 7,500 postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. IPEDS, an annual universe collection that began in 1986, replaced the Higher Education General Information Survey (HEGIS).

IPEDS consists of nine interrelated components that are collected over three collection periods (fall, winter, and spring) each year. These components obtain information on postsecondary institutions, student enrollment, programs offered, degrees and certificates conferred, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Until 2000, these components were institutional characteristics, fall enrollment, completions, salaries, finance, and fall staff. Beginning in 2000, data were collected in the fall for institutional characteristics and completions; in the winter for employees by assigned position (EAP), salaries, and fall staff; and in the spring for enrollment, student financial aid, finances, and graduation rates. With the winter 2005–06 survey, the employees by assigned position, fall staff,

and salaries components were merged into the human resources component. In 2007–08, the enrollment component was broken into two separate components: 12-month enrollment (collected in the fall) and fall enrollment (collected in the spring). In the 2011–12 IPEDS data collection year, the student financial aid component was moved to the winter data collection to aid in the timing of the net price of attendance calculations displayed on College Navigator (<http://nces.ed.gov/collegenavigator>).

Beginning in 2008–09, the first-professional degree category was combined with the doctor's degree category. However, some degrees formerly identified as first-professional that take more than two full-time-equivalent academic years to complete, such as those in Theology (M.Div, M.H.L./Rav), are included in the Master's degree category. Doctor's degrees were broken out into three distinct categories: research/scholarship, professional practice, and other doctor's degrees.

IPEDS race/ethnicity data collection also changed in 2008–09. The "Asian" race category is now separate from a "Native Hawaiian or Other Pacific Islander" category. Also, a "Two or more races" category was introduced.

The degree-granting institutions portion of IPEDS is a census of colleges that award associate's or higher degrees and are eligible to participate in Title IV financial aid programs. Prior to 1993, data from technical and vocational institutions were collected through a sample survey. Beginning in 1993, all data are gathered in a census of all postsecondary institutions. Beginning in 1997, the survey was restricted to institutions participating in Title IV programs. The tabulations on "institutional characteristics" developed for editions of the *Digest* from 1993 forward are based on lists of all institutions and are not subject to sampling errors.

The classification of institutions offering college and university education changed as of 1996. Prior to 1996, institutions that had courses leading to an associate's or higher degree or that had courses accepted for credit toward those degrees were considered higher education institutions. Higher education institutions were accredited by an agency or association that was recognized by the U.S. Department of Education or were recognized directly by the Secretary of Education. Tables, or portions of tables, that use only this standard are noted as "higher education" in the *Digest*. The newer standard includes institutions that award associate's or higher degrees and that are eligible to participate in Title IV federal financial aid programs. Tables that contain any data according to this standard are titled "degree-granting" institutions. Time-series tables may contain data from both series, and they are noted accordingly. The impact of this change on data collected in 1996 was not large. For example, tables on faculty salaries and benefits were only affected to a very small extent. Also, degrees awarded at the bachelor's level or higher were not heavily affected. The largest impact was on private 2-year college enrollment. In contrast, most of the data on public 4-year colleges were affected to a minimal extent. The impact on enrollment in public 2-year colleges was noticeable in certain states, but was rela-

tively small at the national level. Overall, total enrollment for all institutions was about one-half of a percent higher in 1996 for degree-granting institutions than for higher education institutions.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of institutions of higher education. Implemented in 1966, HEGIS was an annual universe survey of institutions accredited at the college level by an agency recognized by the Secretary of the U.S. Department of Education. These institutions were listed in NCES's *Education Directory, Colleges and Universities*.

HEGIS surveys collected information on institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys, like IPEDS, were distributed to all higher education institutions, the data presented are not subject to sampling error. However, they are subject to nonsampling error, the sources of which varied with the survey instrument.

The NCES Taskforce for IPEDS Redesign recognized that there were issues related to the consistency of data definitions as well as the accuracy, reliability, and validity of other quality measures within and across surveys. The IPEDS redesign in 2000 provided institution-specific web-based data forms. While the new system shortened data processing time and provided better data consistency, it did not address the accuracy of the data provided by institutions.

Beginning in 2003–04 with the Prior Year Data Revision System, prior-year data have been available to institutions entering current data. This allows institutions to make changes to their prior-year entries either by adjusting the data or by providing missing data. These revisions allow the evaluation of the data's accuracy by looking at the changes made.

NCES conducted a study (NCES 2005-175) of the 2002–03 data that were revised in 2003–04 to determine the accuracy of the imputations, track the institutions that submitted revised data, and analyze the revised data they submitted. When institutions made changes to their data, it was assumed that the revised data were the “true” data. The data were analyzed for the number and type of institutions making changes, the type of changes, the magnitude of the changes, and the impact on published data.

Because NCES imputes for missing data, imputation procedures were also addressed by the Redesign Taskforce. For the 2003–04 assessment, differences between revised values and values that were imputed in the original files were compared (i.e., revised value minus imputed value). These differences were then used to provide an assessment of the effectiveness of imputation procedures. The size of the differences also provides an indication of the accuracy of imputation procedures. To assess the overall impact of changes on aggregate IPEDS estimates, published tables for each component were reconstructed using the revised 2002–03 data. These reconstructed tables were then compared to the published tables to determine the magnitude of aggregate bias and the direction of this bias.

The fall 2011 and spring 2012 data collection were entirely web-based. Data were provided by “keyholders,” institutional representatives appointed by campus chief executives, who were responsible for ensuring that survey data submitted by the institution were correct and complete. Because Title IV institutions are the primary focus of IPEDS and because these institutions are required to respond to the survey, response rates for Title IV institutions in the fall 2011 IPEDS collection were high. The Institutional Characteristics (IC) component response rate among all Title IV entities was 100.0 percent (all 7,479 Title IV entities responded). In addition, the response rates for the Completions and 12-Month Enrollment components were also 100.0 percent.

NCES statistical standards require that the potential for nonresponse bias for all institutions (including those in other U.S. jurisdictions) be analyzed for sectors for which the response rate is less than 85 percent. Due to response rates of 100.0 percent at the unit level for all three of the survey components, analysis for nonresponse bias was not necessary for the fall 2011 collection. However, data from four institutions that responded to the IC component contained item nonresponse. Price of attendance data collected during fall 2011 but covering prior academic years were imputed for these institutions.

Although IPEDS provides the most comprehensive data system for postsecondary education, there are 100 or more entities that collect their own information from postsecondary institutions. This raises the issue of how valid IPEDS data are when compared to education data collected by non-IPEDS sources. In the Data Quality Study, Thomson Peterson data were chosen to assess the validity of IPEDS data because Thomson Peterson is one of the largest and most comprehensive sources of postsecondary data available.

Not all IPEDS components could be compared to Thomson Peterson. Either Thomson Peterson did not collect data related to a particular IPEDS component, or the data items collected by Thomson Peterson were not comparable to the IPEDS items (i.e., the data items were defined differently). Comparisons were made for a selected number of data items in five areas—tuition and price, employees by assigned position, enrollment, student financial aid, and finance. More details on the accuracy and reliability of IPEDS data can be found in the *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175).

Further information on IPEDS may be obtained from

Richard Reeves  
Postsecondary, Adult, and Career Education Division  
Postsecondary Institutional Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[richard.reeves@ed.gov](mailto:richard.reeves@ed.gov)  
<http://nces.ed.gov/ipeds>

## Fall (12-Month Enrollment)

Data on 12-month enrollment are collected for award levels ranging from postsecondary certificates of less than 1 year to doctoral degrees. The 12-month period during which data are collected is July 1 through June 30. Data are collected by race/ethnicity and gender and include unduplicated headcounts and instructional activity (contact or credit hours). These data are also used to calculate a full-time-equivalent (FTE) enrollment based on instructional activity. FTE enrollment is useful for gauging the size of the educational enterprise at the institution. Prior to the 2007–08 IPEDS data collection, the data collected in the 12-Month Enrollment component were part of the Fall Enrollment component, which is conducted during the Spring data collection period. However, to improve the timeliness of the data, a separate 12-Month Enrollment survey component was developed in 2007. These data are now collected in the fall for the previous academic year. Of the 7,479 Title IV entities eligible for the 12-Month Enrollment component of the fall 2011 data collection, 7,479 responded, for an approximate response rate of 100.0 percent.

## Fall (Completions)

This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970–71, 1982–83, 1991–92, 2002–03, and 2009–10. Collection of degree data has been maintained through IPEDS.

Degrees-conferred trend tables arranged by the 2009–10 classification are included in the *Digest* to provide consistent data from 1970–71 through the most recent year. Data in this edition on associate's and other formal awards below the baccalaureate degree, by field of study, cannot be made comparable with figures from years prior to 1982–83. The nonresponse rate does not appear to be a significant source of nonsampling error for this survey. The unweighted response rate over the years has been high, with the response rate at 100.0 percent for fall 2011. Because of the high response rate for degree-granting institutions, nonsampling error caused by imputation is also minimal. Imputation methods and the response bias analysis for the fall 2010 Completions component are discussed in *Postsecondary Institutions and Price of Attendance in 2011–12, Degrees and Other Awards Conferred: 2010–11, and 12-Month Enrollment: 2010–11* (NCES 2012-289rev).

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) indicated that most Title IV institutions supplying revised data on completions in 2003–04 were able to supply missing data for the prior year. The small differences between imputed data for the prior year and the revised actual data supplied by the institution indicated that the imputed values produced by NCES were acceptable.

## Fall (Institutional Characteristics)

This survey collects the basic information necessary to classify institutions, including control, level, and types of programs offered, as well as information on tuition, fees, and room and board charges. Beginning in 2000, the survey collected institutional pricing data from institutions with first-time, full-time, degree/certificate-seeking undergraduate students. Unduplicated full-year enrollment counts and instructional activity are now collected in the Fall Enrollment survey. Beginning in 2008–09, student financial aid data collected includes greater detail.

The response rate for the Institutional Characteristics (IC) component among all Title IV entities was 100.0 percent (all 7,479 Title IV entities responded). Imputation methods for the fall 2011 Institutional Characteristics component are discussed in the 2011–12 *Integrated Postsecondary Education Data System (IPEDS) Methodology Report* (NCES 2012-293).

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) looked at tuition and price in Title IV institutions. Only 8 percent of institutions in 2002–03 and 2003–04 reported the same data to IPEDS and Thomson Peterson consistently across all selected data items. Differences in wordings or survey items may account for some of these inconsistencies.

## Winter (Human Resources)

The IPEDS Human Resources (HR) component comprises three sections: Employees by Assigned Position (EAP), Fall Staff, and Salaries.

### *Employees by Assigned Position*

Data gathered by the Employees by Assigned Position (EAP) section categorizes all employees by full- or part-time status, faculty status, and primary function/occupational activity. Institutions with M.D. or D.O. programs are required to report their medical school employees separately. A response to the EAP was required of all 6,858 Title IV institutions and administrative offices in the United States and other jurisdictions for winter 2008–09, and 6,845, or 99.8 percent unweighted, responded. Of the 6,970 Title IV institutions and administrative offices required to respond to the winter 2009–10 EAP, 6,964, or 99.9 percent, responded. And of the 7,256 Title IV institutions and administrative offices required to respond to the EAP for winter 2010–11, 7,252, or 99.9 percent, responded.

The primary functions/occupational activities of the EAP section are primarily instruction, instruction combined with research and/or public service, primarily research, primarily public service, executive/administrative/managerial, other professionals (support/service), graduate assistants, technical and paraprofessionals, clerical and secretarial, skilled crafts, and service/maintenance.

All full-time instructional faculty classified in the EAP full-time nonmedical school part as either (1) primarily instruction or (2) instruction combined with research and/or public service are included in the Salaries section, unless they are exempt.

### Fall Staff

The section categorizes all staff on the institution's payroll as of November 1 of the collection year, by employment status (full time or part time), primary function/occupational activity, gender, and race/ethnicity. These data elements are collected from degree-granting and non-degree-granting institutions; however, additional data elements are collected from degree-granting institutions and related administrative offices with 15 or more full-time staff. These elements include faculty status, contract length/teaching period, academic rank, salary class intervals, and newly hired full-time permanent staff.

The Fall Staff section, which is required only in odd-numbered reporting years, was not required during the 2008–09 HR data collection. However, of the 6,858 Title IV institutions and administrative offices in the United States and other jurisdictions, 3,295, or 48.0 percent unweighted, did provide data in the Fall Staff section that year. During the 2009–10 HR data collection, when all 6,970 Title IV institutions and administrative offices were required to respond to the Fall Staff section, 6,964, or 99.9 percent, did so. A response to the Fall Staff section of the 2010–11 HR collection was optional, and 3,364 Title IV institutions and administrative offices responded that year (a response rate of 46.3 percent).

The study *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that for 2003–04 employee data items, changes were made by 1.2 percent (77) of the institutions that responded. All who made changes made changes that resulted in different employee counts. For both institutional and aggregate differences, the changes had little impact on the original employee count submissions. A large number of institutions reported different staff data to IPEDS and Thomson Peterson; however, the magnitude of the differences was small—usually no more than 17 faculty members for any faculty variable.

### Salaries

This section collects data for full-time instructional faculty on the institution's payroll as of November 1 of the collection year (except those in medical schools of the EAP section, as described above), by contract length/teaching period, gender, and academic rank. The reporting of data by faculty status in the Salaries section is required from 4-year degree-granting institutions and above only. Salary outlays and fringe benefits are also collected for full-time instructional staff on 9/10- and 11/12-month contracts/teaching periods. This section is applicable to degree-granting institutions unless exempt.

This institutional survey was conducted for most years from 1966–67 to 1987–88; it has been conducted annually since 1989–90, except for 2000–01. Although the survey form has changed a number of times during these years, only comparable data are presented.

Between 1966–67 and 1985–86, this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges

and universities. Beginning with the surveys for 1987–88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The unweighted response rate for the 2008–09 Salaries survey section was 99.9 percent. The response rate for the 2009–10 Salaries section was 100.0 percent (4,453 of the 4,455 required institutions responded), and the response rate for 2010–11 was 99.9 percent (4,561 of the 4,565 required institutions responded). Imputation methods for the 2010–11 Salaries survey section are discussed in *Employees in Postsecondary Institutions, Fall 2010, and Salaries of Full-Time Instructional Staff, 2010–11* (NCES 2012-276).

Although data from this survey are not subject to sampling error, sources of nonsampling error may include computational errors and misclassification in reporting and processing. The electronic reporting system does allow corrections to prior-year reported or missing data, and this should help with these problems. Also, NCES reviews individual institutions' data for internal and longitudinal consistency and contacts institutions to check inconsistent data.

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that only 1.3 percent of the responding Title IV institutions in 2003–04 made changes to their salaries data. The differences between the imputed data and the revised data were small and found to have little impact on the published data.

### Winter (Student Financial Aid)

This component was part of the spring data collection from IPEDS data collection years 2000–01 to 2010–11, but it moved to the winter data collection starting with the 2011–12 IPEDS data collection year. This move will aid in the timing of the net price of attendance calculations displayed on College Navigator (<http://nces.ed.gov/collegenavigator>).

Financial aid data are collected for undergraduate students. Data are collected regarding federal grants, state and local government grants, institutional grants, and loans. The collected data include the number of students receiving each type of financial assistance and the average amount of aid received by type of aid. Beginning in 2008–09, student financial aid data collected includes greater detail on types of aid offered.

In the winter 2011–12 data collection, the Student Financial Aid component presented data on the number of full-time, first-time degree- and certificate-seeking undergraduate financial aid recipients for the 2010–11 academic year. The response rate for this component was 99.8 percent for degree-granting institutions overall.

### Spring (Fall Enrollment)

This survey has been part of the HEGIS and IPEDS series since 1966. Response rates for this survey have been relatively high, generally exceeding 85 percent. Beginning in 2000, with web-based data collection, higher response rates were attained. In the spring 2012 data collection, where the Fall Enrollment component covered fall 2011, the response rate was 99.8 percent. Data collection procedures for the Fall Enrollment component of the spring 2012 data collection are

presented in *Enrollment in Postsecondary Institutions, Fall 2011; Financial Statistics, Fiscal Year 2011; and Graduation Rates, Selected Cohorts, 2003–08* (NCES 2012-174rev).

Beginning with the fall 1986 survey and the introduction of IPEDS (see above), the survey was redesigned. The survey allows (in alternating years) for the collection of age and residence data. Beginning in 2000, the survey collected instructional activity and unduplicated headcount data, which are needed to compute a standardized, full-time-equivalent (FTE) enrollment statistic for the entire academic year. As of 2007–08, the timeliness of the instructional activity data has been improved by collecting these data in the fall as part of the 12-Month-Enrollment component instead of in the spring as part of the Fall Enrollment component.

The Integrated Postsecondary Education Data System Data Quality Study (NCES 2005-175) showed that public institutions made the majority of changes to enrollment data during the 2004 revision period. The majority of changes were made to unduplicated headcount data, with the net differences between the original data and the revised data at about 1 percent. Part-time students in general and enrollment in private nonprofit institutions were often underestimated. The fewest changes by institutions were to Classification of Instructional Programs (CIP) code data. (The CIP is a taxonomic coding scheme that contains titles and descriptions of primarily postsecondary instructional programs.) More institutions provided enrollment data to IPEDS than to Thomson Peterson. A fairly high percentage of institutions that provided data to both provided the same data, and among those that did not, the difference in magnitude was less than 10 percent.

### Spring (Finance)

This survey was part of the HEGIS series and has been continued under IPEDS. Substantial changes were made in the financial survey instruments in fiscal year (FY) 1976, FY 82, FY 87, FY 97, and FY 02. While these changes were significant, considerable effort has been made to present only comparable information on trends in this report and to note inconsistencies. The FY 76 survey instrument contained numerous revisions to earlier survey forms, which made direct comparisons of line items very difficult. Beginning in FY 82, Pell Grant data were collected in the categories of federal restricted grant and contract revenues and restricted scholarship and fellowship expenditures. Finance tables for this publication have been adjusted by subtracting the largely duplicative Pell Grant amounts from the later data to maintain comparability with pre-FY 82 data. The introduction of IPEDS in the FY 87 survey included several important changes to the survey instrument and data processing procedures. Beginning in FY 97, data for private institutions were collected using new financial concepts consistent with Financial Accounting Standards Board (FASB) reporting standards, which provide a more comprehensive view of college finance activities. The data for public institutions continued to be collected using the older survey form. The data for public and private institutions were no longer comparable and, as a result,

no longer presented together in analysis tables. In FY 01, public institutions had the option of either continuing to report using Government Accounting Standards Board (GASB) standards or using the new FASB reporting standards. Beginning in FY 02, public institutions had three options: the original GASB standards, the FASB standards, or the new GASB Statement 35 standards (GASB35). Because of the complexity of the multiple forms used by public institutions, finance data for public institutions for some recent years are not presented in the *Digest*.

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The unweighted response rate has been about 85 to 90 percent for most of the historic years presented in the *Digest*; however, in more recent years, response rates have been much higher because Title IV institutions are required to respond. The 2002 IPEDS data collection was a full-scale web-based collection, which offered features that improved the quality and timeliness of the data. The ability of IPEDS to tailor online data entry forms for each institution based on characteristics such as institutional control, level of institution, and calendar system, and the institutions' ability to submit their data online, were two such features that improved response.

The response rate for the FY 2011 Finance survey component was 99.8 percent. Data collection procedures for the FY 2011 survey are discussed in *Enrollment in Postsecondary Institutions, Fall 2011; Financial Statistics, Fiscal Year 2011; and Graduation Rates, Selected Cohorts, 2003–2008: First Look (Provisional Data)* (NCES 2012-174rev). Two general methods of imputation were used in HEGIS. If prior-year data were available for a nonresponding institution, they were inflated using the Higher Education Price Index and adjusted according to changes in enrollments. If prior-year data were not available, current data were used from peer institutions selected for location (state or region), control, level, and enrollment size of institution. In most cases, estimates for nonreporting institutions in HEGIS were made using data from peer institutions.

Beginning with FY 87, IPEDS included all postsecondary institutions, but maintained comparability with earlier surveys by allowing 2- and 4-year institutions to be tabulated separately. For FY 87 through FY 91, in order to maintain comparability with the historical time series of HEGIS institutions, data were combined from two of the three different survey forms that make up IPEDS. The vast majority of the data were tabulated from form 1, which was used to collect information from public and private nonprofit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for 2-year for-profit institutions. Because of the differences in the data requested on the two forms, several assumptions were made about the form 2 reports so that their figures could be included in the degree-granting institution totals.

In IPEDS, the form 2 institutions were not asked to separate appropriations from grants and contracts, nor were they asked to separate state from local sources of funding. For the form 2 institutions, all federal revenues were assumed to be federal grants and contracts, and all state and local revenues

were assumed to be restricted state grants and contracts. All other form 2 sources of revenue, except for tuition and fees and sales and services of educational activities, were included under “other.” Similar adjustments were made to the expenditure accounts. The form 2 institutions reported instruction and scholarship and fellowship expenditures only. All other educational and general expenditures were allocated to academic support.

The *Integrated Postsecondary Education Data System Data Quality Study* (NCES 2005-175) found that only a small percentage (2.9 percent, or 168) of postsecondary institutions either revised 2002–03 data or submitted data for items they previously left unreported. Though relatively few institutions made changes, the changes made were relatively large—greater than 10 percent of the original data. With a few exceptions, these changes, large as they were, did not greatly affect the aggregate totals.

Again, institutions were more likely to report data to IPEDS than to Thomson Peterson, and there was a higher percentage reporting different values among those reporting to both. The magnitude of the difference was generally greater for research expenditures. It is likely that the large differences are a function of the way institutions report these data to each entity, rather than incidental reporting errors.

### Spring (Graduation Rates and Graduation Rates 200 Percent)

Graduation rates data are collected for full-time, first-time degree- and certificate-seeking undergraduate students. Data included are the number of students entering the institution as full-time, first-time degree- or certificate-seeking students in a particular year (cohort), by race/ethnicity and gender; the number of students completing their program within a time period equal to 1½ times (150 percent) the normal period of time; and the number of students who transferred to other institutions.

In the spring 2012 data collection, the Graduation Rates component collected counts of full-time, first-time degree- and certificate-seeking undergraduate students entering an institution in the cohort year (4-year institutions used the cohort year 2005; less-than-4-year institutions used the cohort year 2008), and their completion status as of August 31, 2011 (150 percent of normal program completion time) at the institution initially entered. The response rate for this component was 99.8 percent.

The 200 Percent Graduation Rates component collected counts of full-time, first-time degree- and certificate-seeking undergraduate students beginning their postsecondary education in the reference period and their completion status as of August 31, 2011 (200 percent of normal program completion time) at the same institution where the students started. Four-year institutions report on bachelor’s or equivalent degree-seeking students and use cohort year 2003 as the reference period, while less-than-4-year institutions report on all students in the cohort and use cohort year 2007 as the reference period. The response rate for this component was 99.8 percent.

## Library Statistics

On October 1, 2007, the administration of the Public Libraries Survey (PLS) and the State Library Agencies (StLA) Survey was transferred to the Institute of Museum and Library Services (IMLS) (see below). The transfer of these surveys to IMLS is the result of the fiscal year (FY) 2007 President’s budget request.

NCES administered the Academic Libraries Survey (ALS) on a 3-year cycle between 1966 and 1988. From 1988 through 1999, ALS was a component of the Integrated Postsecondary Education Data System (IPEDS) and was on a 2-year cycle. Since FY 2000, ALS has not been a component of IPEDS, but it remains on a 2-year cycle. ALS provides data on about 3,700 academic libraries. In aggregate, these data provide an overview of the status of academic libraries nationally and statewide. The survey collects data on the libraries in the entire universe of degree-granting institutions. Beginning with the collection of FY 2000 data, the ALS changed to web-based data collection. ALS produces descriptive statistics on academic libraries in postsecondary institutions in the 50 states, the District of Columbia, and the outlying areas. *Academic Libraries: 2010* (NCES 2012-365) presents tabulations for the 2010 survey, the most recent administration of ALS for which data are available.

School library data were collected on the School and Principal Surveys of the 1990–91 Schools and Staffing Survey (SASS), and the School Library Media Centers (LMC) Survey became a component of SASS with the 1993–94 administration of the survey. Thus, the readers should refer to section on the Schools and Staffing Survey, below, regarding data on school libraries. Data collection for the 2012 School Library Media Centers (LMC) Survey has been completed.

Further information on library statistics may be obtained from

Tai Phan

Elementary/Secondary and Library Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[tai.phan@ed.gov](mailto:tai.phan@ed.gov)  
<http://nces.ed.gov/surveys/libraries>

## National Adult Literacy Survey

The National Adult Literacy Survey (NALS), funded by the U.S. Department of Education and 12 states, was created in 1992 as a new measure of literacy. The aim of the survey was to profile the English literacy of adults in the United States based on their performance across a wide array of tasks that reflect the types of materials and demands they encounter in their daily lives.

To gather information on adults’ literacy skills, trained staff interviewed a nationally representative sample of nearly 13,600 individuals ages 16 and older during the first 8 months of 1992. These participants had been randomly



selected to represent the adult population in the country as a whole. Black and Hispanic households were oversampled to ensure reliable estimates of literacy proficiencies and to permit analyses of the performance of these subpopulations. In addition, some 1,100 inmates from 80 federal and state prisons were interviewed to gather information on the proficiencies of the prison population. In total, nearly 26,000 adults were surveyed.

Each survey participant was asked to spend approximately an hour responding to a series of diverse literacy tasks, as well as to questions about his or her demographic characteristics, educational background, reading practices, and other areas related to literacy. Based on their responses to the survey tasks, adults received proficiency scores along three scales that reflect varying degrees of skill in prose, document, and quantitative literacy. The results of the 1992 survey were first published in a report, *Adult Literacy in America: A First Look at the Findings of the National Adult Literacy Survey* (NCES 93-275), in September 1993. See National Assessment of Adult Literacy (below) for later surveys on adult literacy.

Further information on NALS may be obtained from

Sheida White  
Assessment Division  
Assessment Research, Development & Implementation Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[sheida.white@ed.gov](mailto:sheida.white@ed.gov)  
[http://nces.ed.gov/naal/nals\\_products.asp](http://nces.ed.gov/naal/nals_products.asp)

### **National Assessment of Adult Literacy**

The 2003 National Assessment of Adult Literacy (NAAL) was conducted to measure both English literacy and health literacy. The assessment was administered to 19,000 adults (including 1,200 prison inmates) age 16 and over in all 50 states and the District of Columbia. Components of the assessment included a background questionnaire; a prison component that assesses the literacy skills of adults in federal and state prisons; the State Assessment of Adult Literacy (SAAL), a voluntary survey given in conjunction with NAAL; a health literacy component; the Fluency Addition to NAAL (FAN), an oral reading assessment; and the Adult Literacy Supplemental Assessment (ALSA). ALSA is an alternative to main NAAL for those with very low scores on seven core screening questions. NAAL assesses literacy directly through the completion of tasks that covered quantitative literacy, document literacy, and prose literacy. Results were reported using the following achievement levels: Below Basic, Basic, Intermediate, and Proficient.

By comparing the 1992 NALS and 2003 NAAL results, NAAL provides an indicator of the progress of adult literacy in the nation.

Further information on NAAL may be obtained from

Sheida White  
Assessment Division  
Assessment Research, Development & Implementation Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[sheida.white@ed.gov](mailto:sheida.white@ed.gov)  
<http://nces.ed.gov/naal>

### **National Assessment of Educational Progress**

The National Assessment of Educational Progress (NAEP) is a series of cross-sectional studies initially implemented in 1969 to assess the educational achievement of U.S. students and monitor changes in those achievements. In the main national NAEP, a nationally representative sample of students is assessed at grades 4, 8, and 12 in various academic subjects.

The assessments are based on frameworks developed by the National Assessment Governing Board (NAGB). Items include both multiple-choice and constructed-response (requiring written answers) items. Results are reported in two ways: by average score and by achievement level. Average scores are reported for the nation, for participating states and jurisdictions, and for subgroups of the population. Percentages of students meeting certain achievement levels are also reported for these groups. The achievement levels, developed by NAGB, are at or above Basic, at or above Proficient, and at or above Advanced.

From 1990 until 2001, main NAEP was conducted for states and other jurisdictions that chose to participate. In 2002, under the provisions of the No Child Left Behind Act of 2001, all states began to participate in main NAEP and an aggregate of all state samples replaced the separate national sample.

Mathematics assessments were administered in 2000, 2003, 2005, 2007, 2009, and 2011. In 2005, NAGB called for the development of a new mathematics framework. The revisions made to the mathematics framework for the 2005 assessment were intended to reflect recent curricular emphases and better assess the specific objectives for students at each grade level.

The revised mathematics framework focuses on two dimensions: mathematical content and cognitive demand. By considering these two dimensions for each item in the assessment, the framework ensures that NAEP assesses an appropriate balance of content, as well as a variety of ways of knowing and doing mathematics.

For grades 4 and 8, comparisons over time can be made among the assessments prior to and after the implementation of the 2005 framework. The changes to the grade 12 assessment were too drastic to allow the results to be directly compared with previous years. The changes to the grade 12 assessment included adding more questions on algebra, data analysis, and probability to reflect changes in high school mathematics standards and coursework, as well as the merg-

ing of the measurement and geometry content areas. The reporting scale for grade 12 mathematics was changed from 0–500 to 0–300. For more information regarding the 2005 mathematics framework revisions, see <http://nces.ed.gov/nationsreportcard/mathematics/frameworkcomparison.asp>.

Reading assessments were administered in 2000, 2002, 2003, 2005, 2007, 2009, and 2011. In 2009, a new framework was developed for the 4th-, 8th-, and 12th-grade NAEP reading assessments.

Both a content alignment study and a reading trend or bridge study were conducted to determine if the “new” assessment was comparable to the “old” assessment. Overall, the results of the special analyses suggested that the old and new assessments were similar in terms of their item and scale characteristics and the results they produced for important demographic groups of students. Thus, it was determined that the results of the 2009 reading assessment could still be compared to those from earlier assessment years, thereby maintaining the trend lines first established in 1992. For more information regarding the 2009 reading framework revisions, see <http://nces.ed.gov/nationsreportcard/reading/whatmeasure.asp>.

In spring 2013, NAEP released results from the NAEP 2012 economics assessment in *The Nation's Report Card: Economics 2012*. First administered in 2006, the NAEP economics assessment measures twelfth-graders' understanding of a wide range of topics in three main content areas: market economy, national economy, and international economy. The 2012 assessment is based on a nationally representative sample of nearly 11,000 twelfth-graders. Comparing results from 2012 with results from 2006 can advance the inquiry of whether our nation's high school seniors are becoming more literate in economics.

Further information on NAEP may be obtained from

Arnold Goldstein  
Assessment Division  
State Support and Constituency Outreach  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[arnold.goldstein@ed.gov](mailto:arnold.goldstein@ed.gov)  
<http://nces.ed.gov/nationsreportcard>

### **National Education Longitudinal Study of 1988**

The National Education Longitudinal Study of 1988 (NELS:88) was the third major secondary school student longitudinal study conducted by NCES. The two studies that preceded NELS:88—the National Longitudinal Study of the High School Class of 1972 (NLS:72) and the High School and Beyond Longitudinal Study (HS&B) in 1980—surveyed high school seniors (and sophomores in HS&B) through high school, postsecondary education, and work and family formation experiences. Unlike its predecessors, NELS:88 began with a cohort of 8th-grade students. In

1988, some 25,000 8th-graders, their parents, their teachers, and their school principals were surveyed. Follow-ups were conducted in 1990 and 1992, when a majority of these students were in the 10th and 12th grades, respectively, and then 2 years after their scheduled high school graduation, in 1994. A fourth follow-up was conducted in 2000.

NELS:88 was designed to provide trend data about critical transitions experienced by young people as they develop, attend school, and embark on their careers. It complements and strengthens state and local efforts by furnishing new information on how school policies, teacher practices, and family involvement affect student educational outcomes (i.e., academic achievement, persistence in school, and participation in postsecondary education). For the base year, NELS:88 included a multifaceted student questionnaire, four cognitive tests, a parent questionnaire, a teacher questionnaire, and a school questionnaire.

In 1990, when most of the students were in 10th grade, students, school dropouts, their teachers, and their school principals were surveyed. (Parents were not surveyed in the 1990 follow-up.) In 1992, when most of the students were in 12th grade, the second follow-up conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information from the students' transcripts was collected. The 1994 survey data were collected when most sample members had completed high school. The primary goals of the 1994 survey were (1) to provide data for trend comparisons with NLS:72 and HS&B; (2) to address issues of employment and postsecondary access and choice; and (3) to ascertain how many dropouts had returned to school and by what route. The 2000 follow-up examined the educational and labor market outcomes of the 1988 cohort at a time of transition. Most had been out of high school 8 years; many had completed their postsecondary educations, were embarking on first or even second careers, and were starting families.

Further information on NELS:88 may be obtained from

Jeffrey Owings  
Elementary/Secondary and Library Studies Division  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[jeffrey.owings@ed.gov](mailto:jeffrey.owings@ed.gov)  
<http://nces.ed.gov/surveys/nels88>

### **National Household Education Surveys Program**

The National Household Education Surveys Program (NHES) is a data collection system that is designed to address a wide range of education-related issues. Surveys have been conducted in 1991, 1993, 1995, 1996, 1999, 2001, 2003, 2005, and 2007. NHES targets specific populations for detailed data collection. It is intended to provide more detailed data on the topics and populations of interest than are collected through supplements to other household surveys.

The topics addressed by NHES:1991 were early childhood education and adult education. About 60,000 households were screened for NHES:1991. In the Early Childhood Education Survey, about 14,000 parents/guardians of 3- to 8-year-olds completed interviews about their children's early educational experiences. Included in this component were participation in nonparental care/education; care arrangements and school; and family, household, and child characteristics. In the NHES:1991 Adult Education Survey, about 9,800 people 16 years of age and older, identified as having participated in an adult education activity in the previous 12 months, were questioned about their activities. Data were collected on programs and up to four courses, including the subject matter, duration, sponsorship, purpose, and cost. Information on the household and the adult's background and current employment was also collected.

In NHES:1993, nearly 64,000 households were screened. Approximately 11,000 parents of 3- to 7-year-olds completed interviews for the School Readiness Survey. Topics included the developmental characteristics of preschoolers; school adjustment and teacher feedback to parents for kindergartners and primary students; center-based program participation; early school experiences; home activities with family members; and health status. In the School Safety and Discipline Survey, about 12,700 parents of children in grades 3 to 12 and about 6,500 youth in grades 6 to 12 were interviewed about their school experiences. Topics included the school learning environment, discipline policy, safety at school, victimization, the availability and use of alcohol/drugs, and alcohol/drug education. Peer norms for behavior in school and substance use were also included in this topical component. Extensive family and household background information was collected, as well as characteristics of the school attended by the child.

In NHES:1995, the Early Childhood Program Participation Survey and the Adult Education Survey were similar to those fielded in 1991. In the Early Childhood component, about 14,000 parents of children from birth to third grade were interviewed out of 16,000 sampled, for a completion rate of 90.4 percent. In the Adult Education Survey, about 24,000 adults were sampled and 82.3 percent (20,000) completed the interview.

NHES:1996 covered parent and family involvement in education and civic involvement. Data on homeschooling and school choice also were collected. The 1996 survey screened about 56,000 households. For the Parent and Family Involvement in Education Survey, nearly 21,000 parents of children in grades 3 to 12 were interviewed. For the Civic Involvement Survey, about 8,000 youth in grades 6 to 12, about 9,000 parents, and about 2,000 adults were interviewed. The 1996 survey also addressed public library use. Adults in almost 55,000 households were interviewed to support state-level estimates of household public library use.

NHES:1999 collected end-of-decade estimates of key indicators from the surveys conducted throughout the 1990s. Approximately 60,000 households were screened for a total of about 31,000 interviews with parents of children from birth

through grade 12 (including about 6,900 infants, toddlers, and preschoolers) and adults age 16 or older not enrolled in grade 12 or below. Key indicators included participation of children in nonparental care and early childhood programs, school experiences, parent/family involvement in education at home and at school, youth community service activities, plans for future education, and adult participation in educational activities and community service.

NHES:2001 included two surveys that were largely repeats of similar surveys included in earlier NHES collections. The Early Childhood Program Participation Survey was similar in content to the Early Childhood Program Participation Survey fielded as part of NHES:1995, and the Adult Education and Lifelong Learning Survey was similar in content to the Adult Education Survey of NHES:1995. The Before- and After-School Programs and Activities Survey, while containing items fielded in earlier NHES collections, had a number of new items that collected information about what school-age children were doing during the time they spent in child care or in other activities, what parents were looking for in care arrangements and activities, and parent evaluations of care arrangements and activities. Parents of approximately 6,700 children from birth through age 6 who were not yet in kindergarten completed Early Childhood Program Participation Survey interviews. Nearly 10,900 adults completed Adult Education and Lifelong Learning Survey interviews, and parents of nearly 9,600 children in kindergarten through grade 8 completed Before- and After-School Programs and Activities Survey interviews.

NHES:2003 included two surveys: the Parent and Family Involvement in Education Survey and the Adult Education for Work-Related Reasons Survey (the first administration). Whereas previous adult education surveys were more general in scope, this survey had a narrower focus on occupation-related adult education programs. It collected in-depth information about training and education in which adults participated specifically for work-related reasons, either to prepare for work or a career or to maintain or improve work-related skills and knowledge they already had. The Parent and Family Involvement Survey expanded on the first survey fielded on this topic in 1996. In 2003, screeners were completed with 32,050 households. About 12,700 of the 16,000 sampled adults completed the Adult Education for Work-Related Reasons Survey, for a weighted response rate of 76 percent. For the Parent and Family Involvement in Education Survey, interviews were completed by the parents of about 12,400 of the 14,900 sampled children in kindergarten through grade 12, yielding a weighted unit response rate of 83 percent.

NHES:2005 included surveys that covered adult education, early childhood program participation, and after-school programs and activities. Data were collected from about 8,900 adults for the Adult Education Survey, from parents of about 7,200 children for the Early Childhood Program Participation Survey, and from parents of nearly 11,700 children for the After-School Programs and Activities Survey. These surveys were substantially similar to the surveys conducted in 2001,

with the exceptions that the Adult Education Survey addressed a new topic, informal learning activities for personal interest, and the Early Childhood Program Participation Survey and After-School Programs and Activities Survey did not collect information about before-school care for school-age children.

NHES:2007 fielded the Parent and Family Involvement in Education Survey and the School Readiness Survey. These surveys were similar in design and content to surveys included in the 2003 and 1993 collections, respectively. New features added to the Parent and Family Involvement Survey were questions about supplemental education services provided by schools and school districts (including use of and satisfaction with such services), as well as questions that would efficiently identify the school attended by the sampled students. New features added to the School Readiness Survey were questions that collected details about TV programs watched by the sampled children. For the Parent and Family Involvement Survey, interviews were completed with parents of 10,680 sampled children in kindergarten through grade 12, including 10,370 students enrolled in public or private schools and 310 homeschooled children. For the School Readiness Survey, interviews were completed with parents of 2,630 sampled children ages 3 to 6 and not yet in kindergarten. Parents who were interviewed about children in kindergarten through second grade for the Parent and Family Involvement Survey were also asked some questions about these children's school readiness.

There was a 5-year gap in data collection between 2007 and 2012, when the NHES switched from a telephone survey to a mail survey.

Data collection for NHES:2012 was completed in summer 2012, with data release anticipated in late spring 2013.

Further information on NHES may be obtained from

Andrew Zukerberg  
Early Childhood, International, and Crosscutting Studies Division  
Early Childhood and Household Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[andrew.zukerberg@ed.gov](mailto:andrew.zukerberg@ed.gov)  
<http://nces.ed.gov/nhes>

### ***National Longitudinal Study of the High School Class of 1972***

The National Longitudinal Study of the High School Class of 1972 (NLS:72) began with the collection of base-year survey data from a sample of about 19,000 high school seniors in the spring of 1972. Five follow-up surveys of these students were conducted in 1973, 1974, 1976, 1979, and 1986. NLS:72 was designed to provide the education community with information on the transitions of young adults from high school through postsecondary education and the workplace.

In addition to the follow-ups, a number of supplemental data collection efforts were made. For example, a Postsecondary Education Transcript Study (PETS) was conducted

in 1984; in 1986, the fifth follow-up included a supplement for those who became teachers.

The sample design for NLS:72 was a stratified, two-stage probability sample of 12th-grade students from all schools, public and private, in the 50 states and the District of Columbia during the 1971–72 school year. During the first stage of sampling, about 1,070 schools were selected for participation in the base-year survey. As many as 18 students were selected at random from each of the sample schools. The sizes of both the school and student samples were increased during the first follow-up survey. Beginning with the first follow-up and continuing through the fourth follow-up, about 1,300 schools participated in the survey and slightly fewer than 23,500 students were sampled. The unweighted response rates for each of the different rounds of data collection were 80 percent or higher.

Sample retention rates across the survey years were quite high. For example, of the individuals responding to the base-year questionnaire, the percentages who responded to the first, second, third, and fourth follow-up questionnaires were about 94, 93, 89, and 83 percent, respectively. The fifth follow-up took its sample from students who had participated in at least one of the prior surveys. In all, 91.7 percent of participants had responded to at least five of the six surveys, and 62.1 percent had responded to all six.

Further information on NLS:72 may be obtained from

Aurora D'Amico  
Postsecondary, Adult, and Career Education Division  
Postsecondary Cooperative System, Analysis, and Dissemination Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
<http://nces.ed.gov/surveys/nls72>

### ***National Postsecondary Student Aid Study***

The National Postsecondary Student Aid Study (NPSAS) is a comprehensive nationwide study of how students and their families pay for postsecondary education. Data gathered from the study are used to help guide future federal student financial aid policy. The study covers nationally representative samples of undergraduates, graduates, and first-professional students in the 50 states, the District of Columbia, and Puerto Rico, including students attending less-than-2-year institutions, community colleges, 4-year colleges, and universities. Participants include students who do not receive aid and those who do receive financial aid. Since NPSAS identifies nationally representative samples of student subpopulations of interest to policymakers and obtains baseline data for longitudinal study of these subpopulations, data from the study provide the base-year sample for the Beginning Postsecondary Students (BPS) longitudinal study and the Baccalaureate and Beyond (B&B) longitudinal study.

Originally, NPSAS was conducted every 3 years. Beginning with the 1999–2000 study (NPSAS:2000), NPSAS has been conducted every 4 years. NPSAS:08 included a new set of instrument items to obtain baseline measures of the awareness of two new federal grants introduced in 2006: the Academic Competitiveness Grant (ACG) and the National Science and Mathematics Access to Retain Talent (SMART) grant.

The first NPSAS (NPSAS:87) was conducted during the 1986–87 school year. Data were gathered from about 1,100 colleges, universities, and other postsecondary institutions; 60,000 students; and 14,000 parents. These data provided information on the cost of postsecondary education, the distribution of financial aid, and the characteristics of both aided and nonaided students and their families.

For NPSAS:93, information on 77,000 undergraduates and graduate students enrolled during the school year was collected at 1,000 postsecondary institutions. The sample included students who were enrolled at any time between July 1, 1992, and June 30, 1993. About 66,000 students and a subsample of their parents were interviewed by telephone. NPSAS:96 contained information on more than 48,000 undergraduate and graduate students from about 1,000 postsecondary institutions who were enrolled at any time during the 1995–96 school year. NPSAS:2000 included nearly 62,000 students (50,000 undergraduates and almost 12,000 graduate students) from 1,000 postsecondary institutions. NPSAS:04 collected data on about 80,000 undergraduates and 11,000 graduate students from 1,400 postsecondary institutions. For NPSAS:08, about 114,000 undergraduate students and 14,000 graduate students who were enrolled in postsecondary education during the 2007–08 school year were selected from more than 1,730 postsecondary institutions.

Data collection has been completed for the 2011–12 school year study (NPSAS:12). Release of the first NPSAS:12 estimates on student financial aid is anticipated in June 2013. Public access to the data will be available online through PowerStats (<http://nces.ed.gov/datalab/>).

Further information on NPSAS may be obtained from

Aurora D’Amico  
Tracy Hunt-White  
Postsecondary, Adult, and Career Education Division  
Postsecondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
[tracy.hunt-white@ed.gov](mailto:tracy.hunt-white@ed.gov)  
<http://nces.ed.gov/npsas>

### **National Study of Postsecondary Faculty**

The National Study of Postsecondary Faculty (NSOPF) was designed to provide data about faculty to postsecondary researchers, planners, and policymakers. NSOPF is the most comprehensive study of faculty in postsecondary education institutions ever undertaken.

The first cycle of NSOPF (NSOPF:88) was conducted by NCES with support from the National Endowment for the Humanities (NEH) in 1987–88 with a sample of 480 colleges and universities, over 3,000 department chairpeople, and over 11,000 instructional faculty. The second cycle of NSOPF (NSOPF:93) was conducted by NCES with support from NEH and the National Science Foundation in 1992–93. NSOPF:93 was limited to surveys of institutions and faculty, but with a substantially expanded sample of 970 colleges and universities and 31,350 faculty and instructional staff. The third cycle, NSOPF:99, included 960 degree-granting postsecondary institutions and approximately 18,000 faculty and instructional staff. The fourth cycle of NSOPF was conducted in 2003–04 and included 1,080 degree-granting postsecondary institutions and approximately 26,000 faculty and instructional staff.

There are no plans to repeat the study. Rather, NCES plans to provide technical assistance to state postsecondary data systems and to encourage the development of robust connections between faculty and student data systems so that key questions concerning faculty, instruction, and student outcomes—such as persistence and completion—can be addressed.

Further information on NSOPF may be obtained from

Aurora D’Amico  
Postsecondary, Adult, and Career Education Division  
Postsecondary Longitudinal and Sample Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
<http://nces.ed.gov/surveys/nsopf>

### **Private School Universe Survey**

The purposes of the Private School Universe Survey (PSS) data collection activities are (1) to build an accurate and complete list of private schools to serve as a sampling frame for NCES sample surveys of private schools and (2) to report data on the total number of private schools, teachers, and students in the survey universe. Begun in 1989 under the U.S. Census Bureau, the PSS has been conducted every 2 years, and data for the 1989–90, 1991–92, 1993–94, 1995–96, 1997–98, 1999–2000, 2001–02, 2003–04, 2005–06, 2007–08, and 2009–10 school years have been released. A *First Look* report of the 2009–10 PSS data was released in May 2011.

The PSS produces data similar to that of the CCD for public schools, and can be used for public-private comparisons. The data are useful for a variety of policy- and research-relevant issues, such as the growth of religiously affiliated schools, the number of private high school graduates, the length of the school year for various private schools, and the number of private school students and teachers.

The target population for this universe survey is all private schools in the United States that meet the PSS criteria of a private school (i.e., the private school is an institution that provides instruction for any of grades K through 12, has one or more teachers to give instruction, is not administered by a public agency, and is not operated in a private home). The survey universe is composed of schools identified from a variety of sources. The main source is a list frame initially developed for the 1989–90 PSS. The list is updated regularly by matching it with lists provided by nationwide private school associations, state departments of education, and other national guides and sources that list private schools. The other source is an area frame search in approximately 124 geographic areas, conducted by the U.S. Census Bureau.

Of the 40,302 schools included in the 2009–10 sample, 10,229 were found ineligible for the survey. Those not responding numbered 1,856, and those responding numbered 28,217. The unweighted response rate for the 2009–10 PSS survey was 93.8 percent.

Further information on the PSS may be obtained from

Steve Broughman  
Elementary/Secondary and Libraries Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[stephen.broughman@ed.gov](mailto:stephen.broughman@ed.gov)  
<http://nces.ed.gov/surveys/pss>

### ***Projections of Education Statistics***

Since 1964, NCES has published projections of key statistics for elementary and secondary schools and institutions of higher education. The latest report is titled *Projections of Education Statistics to 2021* (NCES 2013-008). These projections include statistics for enrollments, instructional staff, graduates, earned degrees, and expenditures. These reports include a methodology section describing the techniques and assumptions used to prepare them.

Differences between the reported and projected values are, of course, almost inevitable. An evaluation of past projections revealed that, at the elementary and secondary level, projections of enrollments have been quite accurate: mean absolute percentage differences for enrollment ranged from 0.3 to 1.3 percent for projections from 1 to 5 years in the future, while those for teachers were less than 3 percent. At the higher education level, projections of enrollment have been fairly accurate: mean absolute percentage differences were 5 percent or less for projections from 1 to 5 years into the future.

Further information on *Projections of Education Statistics* may be obtained from

William Hussar  
Early Childhood, International, and Crosscutting Studies Division  
Annual Reports Program  
National Center for Education Statistics

1990 K Street NW  
Washington, DC 20006  
[william.hussar@ed.gov](mailto:william.hussar@ed.gov)  
<http://nces.ed.gov/annuals>

### ***Recent College Graduates Study***

Between 1976 and 1991, NCES conducted periodic surveys of baccalaureate and master's degree recipients 1 year after graduation with the Recent College Graduates (RCG) Study. The RCG Study—which has been replaced by the Baccalaureate and Beyond Longitudinal Study (B&B) (see listing above)—concentrated on those graduates entering the teaching profession. The study linked respondents' major field of study with outcomes such as whether the respondent entered the labor force or was seeking additional education. Labor force data collected included employment status (unemployed, employed part time, or employed full time), occupation, salary, career potential, relation to major field of study, and need for a college degree. To obtain accurate results on teachers, graduates with a major in education were oversampled. The last two studies oversampled education majors and increased the sampling of graduates with majors in other fields.

For each of the selected institutions, a list of graduates by major field of study was obtained, and a sample of graduates was drawn by major field of study. Graduates in certain major fields of study (e.g., education, mathematics, and physical sciences) were sampled at higher rates than were graduates in other fields. Roughly 1 year after graduation, the sample of graduates was located, contacted by mail or telephone, and asked to respond to the questionnaire.

The locating process was more detailed than that in most surveys. Nonresponse rates were directly related to the time, effort, and resources used in locating graduates, rather than to graduates' refusals to participate. Despite the difficulties in locating graduates, RCG response rates are comparable to studies that do not face problems locating their sample membership.

The 1976 study of 1974–75 college graduates was the first, and smallest, of the series. The sample consisted of about 210 institutions, of which 200 (96 percent) responded. Of the approximately 5,850 graduates in the sample, 4,350 responded, for a response rate of 79 percent.

The 1981 study was somewhat larger than the 1976 study, covering about 300 institutions and 15,850 graduates. Responses were obtained from 280 institutions, for an institutional response rate of 95 percent, and from 9,310 graduates (about 720 others were found not to meet eligibility requirements), for a response rate of 74 percent.

The 1985 study sampled about 400 colleges and 18,740 graduates, of whom 17,850 were found to be eligible. Responses were obtained from 13,200 graduates, for a response rate of 78 percent. The response rate for colleges was 98 percent. The 1987 study sampled 21,960 graduates. Responses were received from 16,880, for a response rate of nearly 80 percent.

The 1991 study sampled about 18,140 graduates of 400 bachelor's and master's degree-granting institutions, including 16,170 bachelor's degree recipients and 1,960 master's degree recipients receiving diplomas between July 1, 1989, and June 30, 1990. Random samples of graduates were selected from lists stratified by field of study. Graduates in education, mathematics, and the physical sciences were sampled at a higher rate, as were graduates of various racial/ethnic groups, to provide a sufficient number of these graduates for analysis purposes. The graduates included in the sample were selected in proportion to the institution's number of graduates. The unweighted institutional response rate was 95 percent, and the unweighted graduate response rate was 83 percent.

Further information on the RCG Study may be obtained from

Aurora D'Amico  
Postsecondary, Adult, and Career Education Division  
Postsecondary Cooperative System, Analysis, and Dissemination Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[aurora.damico@ed.gov](mailto:aurora.damico@ed.gov)  
<http://nces.ed.gov/surveys/b&b>

### ***School Survey on Crime and Safety***

The most recent School Survey on Crime and Safety (SSOCS) for which data are available was conducted by NCES in spring/summer of the 2009–10 school year. SSOCS focuses on incidents of specific crimes/offenses and a variety of specific discipline issues in public schools. It also covers characteristics of school policies, school violence prevention programs and policies, and school characteristics that have been associated with school crime. The survey was conducted with a nationally representative sample of regular public elementary, middle, and high schools in the 50 states and the District of Columbia. Special education, alternative, and vocational schools; schools in the other jurisdictions; and schools that taught only prekindergarten, kindergarten, or adult education were not included in the sample.

The sampling frame for the 2010 SSOCS was constructed from the 2007–08 Public Elementary/Secondary School Universe File of the Common Core of Data (CCD), an annual collection of data on all public K–12 schools and school districts. The sample was stratified by instructional level, type of locale (urbanicity), and enrollment size. The sample of schools in each instructional level was allocated to each of the 16 cells formed by the cross-classification of the four categories of enrollment size and four types of locale. The sample was allocated to each subgroup in proportion to the sum of the square roots of the total student enrollment in each school in that stratum. The effective sample size within each stratum was then inflated to account for nonresponse. Once the final sample sizes were determined for each of the 64 strata, the subgroups were sorted by region and racial/ethnic composition of enrollment, and an initial sample of 3,476 schools was selected. Of those schools, 2,648 com-

pleted the survey. In February 2010, questionnaires were mailed to school principals, who were asked to complete the survey or to have it completed by the person at the school most knowledgeable about discipline issues.

For more information about the SSOCS, contact

Kathryn Chandler  
Elementary/Secondary and Libraries Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[kathryn.chandler@ed.gov](mailto:kathryn.chandler@ed.gov)  
<http://nces.ed.gov/surveys/ssocs>

### ***Schools and Staffing Survey***

The Schools and Staffing Survey (SASS) is a set of linked questionnaires used to collect the information necessary for a comprehensive picture of elementary and secondary education in the United States. The abundance of data collected permits detailed analyses of the characteristics of the nation's public and private elementary and secondary schools, principals, teachers, school libraries, and school/school district policies. SASS data are collected through a mail questionnaire with telephone follow-up. SASS was first conducted for NCES by the Census Bureau during the 1987–88 school year. SASS subsequently was conducted in 1990–91, 1993–94, 1999–2000, 2003–04, 2007–08, and 2011–12. The 1990–91, 1993–94, 1999–2000, 2003–04, and 2007–08 SASS also obtained data on Bureau of Indian Education (BIE) schools (schools funded or operated by the BIE). The universe of charter schools in operation in 1998–99 was given the Charter School Questionnaire to complete as part of the 1999–2000 SASS. In subsequent SASS administrations, charter schools were not administered a separate questionnaire, but were included in the public school sample. Another change in the 2003–04 administration included a revised data collection methodology using a primary in-person contact with the school with the aim of reducing the field follow-up phase. Also, school library media centers were surveyed only in the public and BIE schools.

School library data were collected on the School and Principal Surveys of the 1990–91 Schools and Staffing Survey (SASS), and the School Library Media Centers (LMC) Survey became a component of SASS with the 1993–94 administration of the survey. Thus, the readers should refer to the section on the Schools and Staffing Survey, below, regarding data on school libraries. Since then, the LMC Survey has been conducted during the 1999–2000, 2003–04, and 2007–08 school years. During the 2007–08 administration, only the public and Bureau of Indian Education (BIE) school library media centers were surveyed. School library questions focus on facilities, services and policies, staffing, technology, information literacy, collections and expenditures, and media equipment. New or revised topics include access to online licensed databases, resource availability, and additional elements on information literacy.

The 2007–08 SASS estimates are based on a sample consisting of approximately 9,800 public schools, 2,940 private schools, and 180 BIE schools. The public school sample for the 2007–08 SASS was based on an adjusted public school universe file from the 2005–06 Common Core of Data (CCD), a database of all the nation’s public school districts and public schools. The sampling frame includes regular public schools, Department of Defense-operated military base schools in the United States, and other schools such as special education, vocational, and alternative schools. SASS is designed to provide national estimates for public and private school characteristics and state estimates for school districts, public schools, principals, and teachers. In addition, the teacher survey is designed to allow comparisons between new and experienced teachers and between bilingual/English as a second language (ESL) teachers and other teachers.

The BIE sample consisted of all BIE schools that met the SASS definition of a school.

The private school sample for the 2007–08 SASS was selected from the 2005–06 Private School Universe Survey, supplemented with updates from state lists collected by the Census Bureau and lists by private school associations and religious denominations. Private school estimates are available at the national level and by private school affiliation.

In 2007–08, the weighted response rate for the Public School District Questionnaire was 87.8 percent. Weighted response rates for the Public School Principal Questionnaire, the Private School Principal Questionnaire, and the BIE-funded School Principal Questionnaire were 79.4 percent, 72.2 percent, and 79.2 percent, respectively.

Weighted response rates in 2007–08 for the Public School Questionnaire, the Private School Questionnaire, and the BIE-funded School Questionnaire were 80.4 percent, 75.9 percent, and 77.1 percent, respectively. The weighted overall response rates were 84.0 percent for public school teachers, 77.5 percent for private school teachers, and 81.8 percent for BIE-funded school teachers.

There is also a methodology report on SASS, the *Quality Profile for SASS, Rounds 1–3: 1987–1995, Aspects of the Quality of Data in the Schools and Staffing Surveys (SASS)* (NCES 2000-308). Data from the 2011–12 administration of SASS are scheduled to be released in summer 2013.

Further information on SASS may be obtained from

Kathryn Chandler  
Elementary/Secondary and Libraries Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[kathryn.chandler@ed.gov](mailto:kathryn.chandler@ed.gov)  
<http://nces.ed.gov/surveys/sass>

## **Teacher Follow-up Survey**

The Teacher Follow-up Survey (TFS) is a SASS survey whose purpose is to determine how many teachers remain at the same school, move to another school, or leave the profession in the year following a SASS administration. It is administered to elementary and secondary teachers in the 50 states and the District of Columbia. The TFS uses two questionnaires, one for teachers who left teaching since the previous SASS administration and another for those who are still teaching either in the same school as last year or in a different school. The objective of the TFS is to focus on the characteristics of each group in order to answer questions about teacher mobility and attrition.

The 2008–09 TFS is different from any previous TFS administration in that it also serves as the second wave of a longitudinal study of first-year teachers. Because of this, the 2008–09 TFS consists of four questionnaires. Two are for respondents who were first-year public school teachers in the 2007–08 SASS and two are for the remainder of the sample.

Further information on the TFS may be obtained from

Freddie Cross  
Elementary/Secondary and Libraries Studies Division  
Elementary/Secondary Sample Survey Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[freddie.cross@ed.gov](mailto:freddie.cross@ed.gov)  
<http://nces.ed.gov/surveys/sass/>

## **Other Department of Education Agencies**

### **National Center for Special Education Research (NCSEER)**

The National Center for Special Education Research (NCSEER) was created as part of the reauthorization of the Individuals with Disabilities Education Act (IDEA). NCSEER sponsors a program of special education research designed to expand the knowledge and understanding of infants, toddlers, and children with disabilities. NCSEER funds programs of research that address its mission. In order to determine which programs work, as well as how, why and in what settings, NCSEER sponsors research on the needs of infants, toddlers, and children with disabilities and evaluates the effectiveness of services provided through IDEA.

### **The National Longitudinal Transition Study-2**

The National Longitudinal Transition Study-2 (NLTS-2) is a follow-up of the original National Longitudinal Transition Study conducted from 1985 through 1993. NLTS-2 began in 2001 with a sample of special education students who were ages 13 through 16 and in at least 7th grade on December 1,



2000. The study will continue for 10 years and is designed to provide a national picture of these youths' experiences and achievements as they transition into adulthood. Data will be collected from parents, youth, and schools by survey, telephone interviews, student assessments, and transcripts.

NLTS-2 is designed to align with the original NLTS by including many of the same questions and data items, thus allowing comparisons between the NLTS and NLTS-2 youths' experiences. NLTS-2 also includes items that have been collected in other national databases to permit comparisons between NLTS-2 youth and the general youth population. Data is currently available for Waves 1 through 5.

Further information on NLTS-2 may be obtained from

Jacquelyn Buckley  
National Center for Special Education Research  
555 New Jersey Avenue NW  
Washington, DC 20208  
[jacquelyn.buckley@ed.gov](mailto:jacquelyn.buckley@ed.gov)  
<http://www.nlts2.org/>

## Office for Civil Rights

### *Civil Rights Data Collection*

The U.S. Department of Education's Office for Civil Rights (OCR) has surveyed the nation's public elementary and secondary schools since 1968. The survey was first known as the OCR Elementary and Secondary School (E&S) Survey; in 2004, it was renamed the Civil Rights Data Collection. The survey provides information about the enrollment of students in public schools in every state and about some education services provided to those students. These data are reported by race/ethnicity, sex, and disability.

Data in the survey are collected pursuant to 34 C.F.R. Section 100.6(b) of the Department of Education regulation implementing Title VI of the Civil Rights Act of 1964. The requirements are also incorporated by reference in Department regulations implementing Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975. School, district, state, and national data are currently available. Data from individual public schools and districts are used to generate projected national and state data.

In recent surveys, the sample has been approximately 6,000 districts and 60,000 schools; however, in 2000, data were collected from all public school districts. In sample surveys, the following districts are sampled with certainty: districts having more than 25,000 students; all districts in states having 25 or fewer public school districts; and districts subject to federal court order and monitored by the U.S. Department of Justice. The survey is conducted biennially (with few exceptions). Data currently are available from the 2006 survey.

Data marked with an exclamation point (!) have a nonresponse rate of more than 30 percent. Numbers should be used with caution due to large statistical uncertainty in the estimate. The methodology for flagging "large statistical uncertainties" is based on a standard error for each projected item.

Further information on the Civil Rights Data Collection can be obtained from

Mary Schifferli  
Office for Civil Rights  
U.S. Department of Education  
550 12th Street SW  
Washington, DC 20202  
[mary.schifferli@ed.gov](mailto:mary.schifferli@ed.gov)  
<http://www.ed.gov/about/offices/list/ocr/data.html>

## Office of Special Education Programs

### *Annual Report to Congress on the Implementation of the Individuals with Disabilities Education Act*

The Individuals with Disabilities Education Act (IDEA) is a law ensuring services to children with disabilities throughout the nation. IDEA governs how states and public agencies provide early intervention, special education and related services to more than 6.5 million eligible infants, toddlers, children and youth with disabilities.

The Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit to Congress annually a report describing the progress made in serving the nation's children with disabilities. This annual report contains information on children served by public schools under the provisions of Part B of the IDEA and on children served in state-operated programs for the disabled under Chapter I of the Elementary and Secondary Education Act.

Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education Programs (OSEP) by the 50 states, the District of Columbia, and the outlying areas. The child count information is based on the number of children with disabilities receiving special education and related services on December 1 of each year. Count information is available from <http://www.ideadata.org>.

Since each participant in programs for the disabled is reported to OSEP, the data are not subject to sampling error. However, nonsampling error can arise from a variety of sources. Some states follow a noncategorical approach to the delivery of special education services, but produce counts of students by disabling condition because Part B of the EHA requires it. In those states that do categorize their disabled students, definitions and labeling practices vary.

Further information on this annual report to Congress may be obtained from

Office of Special Education Programs  
Office of Special Education and Rehabilitative Services  
U.S. Department of Education  
400 Maryland Avenue SW  
Washington, DC 20202-7100  
<http://www.ed.gov/about/reports/annual/osep/index.html>  
<http://idea.ed.gov/>  
<http://www.ideadata.org>

## **Office of Vocational and Adult Education, Division of Adult Education and Literacy**

### ***Enrollment Data for State-Administered Adult Education Programs***

The Division of Adult Education and Literacy (DAEL) promotes programs that help American adults get the basic skills they need to be productive workers, family members, and citizens. The major areas of support are Adult Basic Education, Adult Secondary Education, and English Language Acquisition. These programs emphasize basic skills such as reading, writing, math, English language competency, and problem solving. Each year, DAEL reports enrollment numbers in state-administered adult education programs for these major areas of support for all 50 states, the District of Columbia, and the eight U.S. jurisdictions (American Samoa, the Federated States of Micronesia, Guam, the Marshall Islands, the Northern Marianas, Palau, Puerto Rico, and the U.S. Virgin Islands).

Further information on DAEL may be obtained from

Office of Vocational and Adult Education  
Division of Adult Education and Literacy  
U.S. Department of Education  
400 Maryland Avenue SW  
Washington, DC 20202  
<http://www.ed.gov/about/offices/list/ovae/pi/AdultEd/>

## **Other Governmental Agencies**

### **Bureau of Economic Analysis**

#### ***National Income and Product Accounts (NIPAs)***

The National Income and Product Accounts (NIPAs), produced by the Bureau of Economic Analysis, represent measures of economic activity in the United States, including production, income distribution, and personal savings. NIPAs also include data on employee compensation and wages. These estimations were first calculated in the early 1930s to help the government design economic policies to combat the Great Depression. Most of the NIPA series are published quarterly, with annual reviews of estimates from the three most recent years conducted in the summer.

Revisions have been made over the years to create a more comprehensive economic picture of the United States. For example, in 1976, consumption of fixed capital (CFC) estimates shifted to a current-cost basis. In 1991, U.S. production began to be measured in terms of GDP, rather than GNP. The international community adopted similar standards for comparison in 1993. The most recent change, in 2003, concerns improving measures of insurance services. NIPA is slowly being integrated with other federal account systems, such as that of the Bureau of Labor Statistics.

Further information on NIPAs may be obtained from

U.S. Department of Commerce  
Bureau of Economic Analysis  
[www.bea.gov](http://www.bea.gov)

### **Bureau of Labor Statistics**

#### ***Consumer Price Indexes***

The Consumer Price Index (CPI) represents changes in prices of all goods and services purchased for consumption by urban households. Indexes are available for two population groups: a CPI for All Urban Consumers (CPI-U) and a CPI for Urban Wage Earners and Clerical Workers (CPI-W). Unless otherwise specified, data are adjusted for inflation using the CPI-U. These values are generally adjusted to a school-year basis by averaging the July through June figures. Price indexes are available for the United States, the four Census regions, size of city, cross-classifications of regions and size classes, and 26 local areas. The major uses of the CPI include as an economic indicator, as a deflator of other economic series, and as a means of adjusting income.

Also available is the Consumer Price Index research series using current methods (CPI-U-RS), which presents an estimate of the CPI-U from 1978 to the present that incorporates most of the improvements that the Bureau of Labor Statistics has made over that time span into the entire series. The historical price index series of the CPI-U does not reflect these changes, though these changes do make the present and future CPI more accurate. The limitations of the CPI-U-RS include considerable uncertainty surrounding the magnitude of the adjustments and the several improvements in the CPI that have not been incorporated into the CPI-U-RS for various reasons. Nonetheless, the CPI-U-RS can serve as a valuable proxy for researchers needing a historical estimate of inflation using current methods. This series has not been used in NCES tables.

Further information on consumer price indexes may be obtained from

Bureau of Labor Statistics  
U.S. Department of Labor  
2 Massachusetts Avenue NE  
Washington, DC 20212  
<http://www.bls.gov/cpi>

## **Employment and Unemployment Surveys**

Statistics on the employment and unemployment status of the population and related data are compiled by the Bureau of Labor Statistics (BLS) using data from the Current Population Survey (CPS) (see below) and other surveys. The Current Population Survey, a monthly household survey conducted by the U.S. Census Bureau for the Bureau of Labor Statistics, provides a comprehensive body of information on the employment and unemployment experience of the nation's population, classified by age, sex, race, and various other characteristics.

Further information on unemployment surveys may be obtained from

Bureau of Labor Statistics  
U.S. Department of Labor  
2 Massachusetts Avenue NE  
Washington, DC 20212  
[cpsinfo@bls.gov](mailto:cpsinfo@bls.gov)  
<http://www.bls.gov/bls/employment.htm>

## **Census Bureau**

### **American Community Survey (ACS)**

The Census Bureau introduced the American Community Survey (ACS) in 1996. Fully implemented in 2005, it provides a large monthly sample of demographic, socioeconomic, and housing data comparable in content to the Long Forms of the Decennial Census up to and including the 2000 long form. Aggregated over time, these data serve as a replacement for the Long Form of the Decennial Census. The survey includes questions mandated by federal law, federal regulations, and court decisions.

Since 2005, the survey has been mailed to approximately 250,000 addresses in the United States and Puerto Rico each month, or about 2.5 percent of the population annually. A larger proportion of addresses in small governmental units (e.g., American Indian reservations, small counties, and towns) also receive the survey. The monthly sample size is designed to approximate the ratio used in the 2000 Census, which requires more intensive distribution in these areas. The ACS covers the U.S. resident population, which includes the entire civilian, noninstitutionalized population; incarcerated persons; institutionalized persons; and the active duty military who are in the United States. In 2006, the ACS began interviewing residents in group quarter facilities. Institutionalized group quarters include adult and juvenile correctional facilities, nursing facilities, and other health care facilities. Noninstitutionalized group quarters include college and university housing, military barracks, and other noninstitutional facilities such as workers and religious group quarters and temporary shelters for the homeless.

National-level data from the ACS are available from 2000 onward. The ACS produces 1-year estimates for jurisdictions with populations of 65,000 and over, 3-year esti-

mates for jurisdictions with populations of 20,000 or over, and 5-year estimates for jurisdictions with smaller populations. To illustrate, 2011 ACS 1-year estimates represented data collected between January 1, 2011, and December 31, 2011; 2009–11 ACS 3-year estimates represented data collected between January 1, 2009, and December 31, 2011; and the 2007–11 ACS 5-year estimates represented data collected between January 1, 2007, and December 31, 2011.

Further information about the ACS is available at <http://www.census.gov/acs/www/>.

## **Annual Survey of State and Local Government Finances**

The Census Bureau conducts an Annual Survey of State and Local Government Finances as authorized by law under Title 13, United States Code, Section 182. Periodic surveys of government finances have been conducted since 1902 and annually since 1952. This survey covers the entire range of government finance activities: revenue, expenditure, debt, and assets. Revenues and expenditures comprise actual receipts and payments of a government and its agencies, including government-operated enterprises, utilities, and public trust funds. The expenditure-reporting categories comprise all amounts of money paid out by a government and its agencies, with the exception of amounts for debt retirement and for loan, investment, agency, and private trust transactions.

Most of the federal government statistics are based on figures that appear in *The Budget of the United States Government*. Since the classification used by the Census Bureau for reporting state and local government finance statistics differs in a number of important respects from the classification used in the U.S. budget, it was necessary to adjust the federal data. For this report, federal budget expenditures include interest accrued, but not paid, during the fiscal year; Census data on interest are on a disbursement basis.

State government finances are based primarily on the annual Census Bureau Survey of Annual Survey of State and Local Government Finances. Census analysts compile figures from official records and reports of the state governments for most of the state financial data. States differ in the ways they administer activities; they may fund such activities directly, or they may disburse the money to a lower level government or government agency. Therefore, caution is advised when attempting to make a direct comparison between states on their state fiscal aid data.

The sample of local governments is drawn from the periodic (years ending in “2” and “7”) Census of Governments and consists of certain local governments sampled with certainty plus a sample below the certainty level. Finance data for all school districts are collected on an annual basis and released through the NCES Common Core of Data system. A new sample is usually selected every 5 years (years ending in “4” and “9”), the most recent one being in fiscal year 2009.

The statistics in Government Finances that are based wholly or partly on data from the sample are subject to sampling error. State government finance data are not subject to sampling error. Estimates of major U.S. totals for local governments are subject to a computed sampling variability of less than one-half of 1 percent. The estimates are also subject to the inaccuracies in classification, response, and processing that would occur if a complete census had been conducted under the same conditions as the sample.

Further information on government finances may be obtained from

Governments Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233

Local government  
[govs.finstaff@census.gov](mailto:govs.finstaff@census.gov)

State government  
[govs.public.finance.analysis.b.@census.gov](mailto:govs.public.finance.analysis.b.@census.gov)  
<http://www.census.gov/govs>

## **Census of Population—Education in the United States**

Some NCES tables are based on a part of the decennial census that consisted of questions asked of a one-in-six sample of people and housing units in the United States. This sample was asked more detailed questions about income, occupation, and housing costs, in addition to general demographic information. This decennial Long Form is no longer conducted and has been replaced by the American Community Survey (ACS).

*School enrollment.* People classified as enrolled in school reported attending a “regular” public or private school or college. They were asked whether the institution they attended was public or private and what level of school they were enrolled in.

*Educational attainment.* Data for educational attainment were tabulated for people ages 15 and older and classified according to the highest grade completed or the highest degree received. Instructions were also given to include the level of the previous grade attended or the highest degree received for people currently enrolled in school.

*Poverty status.* To determine poverty status, answers to income questions were used to make comparisons to the appropriate poverty threshold. All people except those who were institutionalized, people in military group quarters and college dormitories, and unrelated people under age 15 were considered. If the total income of each family or unrelated individual in the sample was below the corresponding cutoff, that family or individual was classified as “below the poverty level.”

Further information on the 1990 and 2000 Census of Population may be obtained from

Population Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<http://www.census.gov/main/www/cen1990.html>  
<http://www.census.gov/main/www/cen2000.html>

## **Current Population Survey**

The Current Population Survey (CPS) is a monthly survey of about 60,000 households conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. The CPS is the primary source of information of labor force statistics for the U.S. noninstitutionalized population (e.g., excludes military personnel and their families living on bases and inmates of correctional institutions). In addition, supplemental questionnaires are used to provide further information about the U.S. population. Specifically, in October, detailed questions regarding school enrollment and school characteristics are asked. In March, detailed questions regarding income are asked.

The current sample design, introduced in July 2001, includes about 72,000 households. Each month about 58,900 of the 72,000 households are eligible for interview, and of those, 7 to 10 percent are not interviewed because of temporary absence or unavailability. Information is obtained each month from those in the household who are 15 years of age and older, and demographic data are collected for children 0–14 years of age. In addition, supplemental questions regarding school enrollment are asked about eligible household members ages 3 and older in the October survey. Prior to July 2001, data were collected in the CPS from about 50,000 dwelling units. The samples are initially selected based on the decennial census files and are periodically updated to reflect new housing construction.

A major redesign of the CPS was implemented in January 1994 to improve the quality of the data collected. Survey questions were revised, new questions were added, and computer-assisted interviewing methods were used for the survey data collection. Further information about the redesign is available in *Current Population Survey, October 1995: (School Enrollment Supplement) Technical Documentation* at <http://www.census.gov/prod/techdoc/cps/cpsoct95.pdf>.

Caution should be used when comparing data from 1994 through 2001 with data from 1993 and earlier. Data from 1994 through 2001 reflect 1990 census-based population controls, while data from 1993 and earlier reflect 1980 or earlier census-based population controls. Also use caution when comparing data from 1994 through 2001 with data from 2002 onward, as data from 2002 reflect 2000 census-based controls. Changes in population controls generally have relatively little impact on summary measures such as means, medians, and percentage distributions. They can have a significant impact on population counts. For exam-

ple, use of the 1990 census-based population control resulted in about a 1 percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These differences could be disproportionately greater for certain subpopulation groups than for the total population.

Beginning in 2003, race/ethnicity questions expanded to include information on people of two or more races. Native Hawaiian/Pacific Islander data are collected separately from Asian data. The questions have also been worded to make it clear that self-reported data on race/ethnicity should reflect the race/ethnicity with which the responder identifies, rather than what may be written in official documentation.

The estimation procedure employed for monthly CPS data involves inflating weighted sample results to independent estimates of characteristics of the civilian noninstitutional population in the United States by age, sex, and race. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the population in the armed services. Generalized standard error tables are provided in the Current Population Reports; methods for deriving standard errors can be found within the CPS technical documentation at <http://www.census.gov/cps/methodology/techdocs.html>. The CPS data are subject to both nonsampling and sampling errors.

Prior to 2009, standard errors were estimated using the generalized variance function. The generalized variance function is a simple model that expresses the variance as a function of the expected value of a survey estimate. Beginning with March 2009 CPS data, standard errors were estimated using replicate weight methodology. Those interested in using CPS household-level supplement replicate weights to calculate variances may refer to *Estimating Current Population Survey (CPS) Household-Level Supplement Variances Using Replicate Weights* at <http://smphff2.dsd.census.gov/pub/cps/supps/HH-level Use of the Public Use Replicate Weight File.doc>.

Further information on CPS may be obtained from

Education and Social Stratification Branch  
Population Division  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<http://www.census.gov/cps>

## Dropouts

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population ages 3 years and over as part of the monthly basic survey on labor force participation. In addition to gathering the information on school enrollment, with the limitations on accuracy as noted below under “School Enrollment,” the survey data permit calculations of dropout rates. Both status and event dropout rates are tabulated from the October CPS. Event

rates describe the proportion of students who leave school each year without completing a high school program. Status rates provide cumulative data on dropouts among all young adults within a specified age range. Status rates are higher than event rates because they include all dropouts ages 16 through 24, regardless of when they last attended school.

In addition to other survey limitations, dropout rates may be affected by survey coverage and exclusion of the institutionalized population. The incarcerated population has grown more rapidly and has a higher dropout rate than the general population. Dropout rates for the total population might be higher than those for the noninstitutionalized population if the prison and jail populations were included in the dropout rate calculations. On the other hand, if military personnel, who tend to be high school graduates, were included, it might offset some or all of the impact from the theoretical inclusion of the jail and prison population.

Another area of concern with tabulations involving young people in household surveys is the relatively low coverage ratio compared to older age groups. CPS undercoverage results from missed housing units and missed people within sample households. Overall CPS undercoverage for March 2008 is estimated to be about 12 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks than for non-Blacks. For example, in 2008 the undercoverage ratio for Black 20- to 24-year-old males is 30 percent. The CPS weighting procedure partially corrects for the bias due to undercoverage. Further information on CPS methodology may be obtained from <http://www.census.gov/cps>.

Further information on the calculation of dropouts and dropout rates may be obtained from *Trends in High School Dropout and Completion Rates in the United States: 1972–2009* at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2012006> or by contacting

Chris Chapman  
Early Childhood, International, and Crosscutting Studies Division  
Early Childhood and Household Studies Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[chris.chapman@ed.gov](mailto:chris.chapman@ed.gov)

## Educational Attainment

Reports documenting educational attainment are produced by the Census Bureau using March CPS supplement (Annual Social and Economic Supplement [ASEC]) results. The sample size for the 2012 ASEC supplement (including basic CPS) was about 99,000 households. The latest release is *Educational Attainment in the United States: 2012*; the tables may be downloaded at <http://www.census.gov/hhes/socdemo/education/data/cps/2012/tables.html>.

In addition to the general constraints of CPS, some data indicate that the respondents have a tendency to overestimate the educational level of members of their household. Some inaccuracy is due to a lack of the respondent’s knowledge of

the exact educational attainment of each household member and the hesitancy to acknowledge anything less than a high school education. Another cause of nonsampling variability is the change in the numbers in the armed services over the years.

Further information on CPS's educational attainment may be obtained from the CPS website at <http://www.census.gov/cps>.

Further information on CPS's educational attainment data may be obtained from

Education and Social Stratification Branch  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<http://www.census.gov/hhes/socdemo/education>

### School Enrollment

Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population ages 3 years and over. Prior to 2001, the October supplement consisted of approximately 47,000 interviewed households. Beginning with the October 2001 supplement, the sample was expanded by 9,000 to a total of approximately 56,000 interviewed households. The main sources of nonsampling variability in the responses to the supplement are those inherent in the survey instrument. The question of current enrollment may not be answered accurately for various reasons. Some respondents may not know current grade information for every student in the household, a problem especially prevalent for households with members in college or in nursery school. Confusion over college credits or hours taken by a student may make it difficult to determine the year in which the student is enrolled. Problems may occur with the definition of nursery school (a group or class organized to provide educational experiences for children) where respondents' interpretations of "educational experiences" vary.

For the October 2011 basic CPS, the household-level nonresponse rate was 8.71 percent. The person-level nonresponse rate for the school enrollment supplement was an additional 6.9 percent. Since the basic CPS nonresponse rate is a household-level rate and the school enrollment supplement nonresponse rate is a person-level rate, these rates cannot be combined to derive an overall nonresponse rate. Nonresponding households may have fewer persons than interviewed ones, so combining these rates may lead to an overestimate of the true overall nonresponse rate for persons for the school enrollment supplement.

Further information on CPS methodology may be obtained from <http://www.census.gov/cps>.

Further information on the CPS School Enrollment Supplement may be obtained from

Education and Social Stratification Branch  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<http://www.census.gov/hhes/school/index.html>

## ***Decennial Census, Population Estimates, and Population Projections***

The Decennial Census is a universe survey mandated by the U.S. Constitution. It is a questionnaire sent to every household in the country, and it is composed of seven questions about the household and its members (name, sex, age, relationship, Hispanic origin, race, and whether the housing unit is owned or rented). The Census Bureau also produces annual estimates of the resident population by demographic characteristics (age, sex, race, and Hispanic origin) for the nation, states, and counties, as well as national and state projections for the resident population. The reference date for population estimates is July 1 of the given year. With each new issue of July 1 estimates, the Census Bureau revises estimates for each year back to the last census. Previously published estimates are superseded and archived.

Census respondents self-report race and ethnicity. In the 2000 Census, they were first asked, "Is this person Spanish/Hispanic/Latino?" and then given the following options: No, not Spanish/Hispanic/Latino; Yes, Puerto Rican; Yes, Mexican, Mexican American, Chicano; Yes, Cuban; and Yes, other Spanish/Hispanic/Latino (with space to print the specific group). The next question was "What is this person's race?" The options were White; Black, African American, or Negro; American Indian or Alaska Native (with space to print the name of enrolled or principal tribe); Asian Indian; Japanese; Native Hawaiian; Chinese; Korean; Guamanian or Chamorro; Filipino; Vietnamese; Samoan; Other Asian; Other Pacific Islander; and Some other race. The last three options included space to print the specific race. The 2000 Census was also the first time that respondents were given the option of choosing more than one race. The Census population estimates program modified the enumerated population from the 2000 Census to produce the population estimates base for 2000 and onward. As part of the modification, the Census Bureau recoded the "Some other race" responses from the 2000 Census to one or more of the five OMB race categories used in the estimates program (for more information, see <http://www.census.gov/popest/methodology/2008-nat-meth.pdf>). Prior to 2000, the Census Bureau combined the categories Asian and Native Hawaiian or Other Pacific Islander. For all years, all persons of Hispanic origin were included in the Hispanic category regardless of the race option(s) chosen. Therefore, persons of Hispanic origin may be of any race.

Further information on the Decennial Census may be obtained from <http://www.census.gov>.

## ***Survey of Income and Program Participation***

The main objective of the Survey of Income and Program Participation (SIPP) is to provide accurate and comprehensive information about the income and program participation of individuals and households in the United States and about the principal determinants of income and program participation. SIPP offers detailed information on cash and noncash income on a subannual basis. The survey also collects data

on taxes, assets, liabilities, and participation in government transfer programs. SIPP data allow the government to evaluate the effectiveness of federal, state, and local programs.

The survey design is a continuous series of national panels, with sample size ranging from approximately 14,000 to 36,700 interviewed households. The duration of each panel ranges from 2½ years to 4 years. The SIPP sample is a multistage-stratified sample of the U.S. civilian noninstitutionalized population. For the 1984–93 panels, a new panel of households was introduced each year in February. A 4-year panel was introduced in April 1996. A 2000 panel was introduced in February 2000 for two waves, but was cancelled after 8 months. A 2½-year panel was introduced in February 2004 and is the first SIPP panel to use the 2000 decennial-based redesign of the sample. All household members ages 15 years and over are interviewed by self-response, if possible. Proxy response is permitted when household members are not available for interviewing. The latest panel was selected in September 2008.

The SIPP content is built around a “core” of labor force, program participation, and income questions designed to measure the economic situation of people in the United States. These questions expand the data currently available on the distribution of cash and noncash income and are repeated at each interviewing wave. The survey uses a 4-month recall period, with approximately the same number of interviews being conducted in each month of the 4-month period for each wave. Interviews are conducted by personal visit and by decentralized telephone.

The survey has been designed to also provide a broader context for analysis by adding questions on a variety of topics not covered in the core section. These questions are labeled “topical modules” and are assigned to particular interviewing waves of the survey. Topics covered by the modules include personal history, child care, wealth, program eligibility, child support, utilization and cost of healthcare, disability, school enrollment, taxes, and annual income.

Further information on the SIPP may be obtained from

Economics and Statistics Administration  
Census Bureau  
U.S. Department of Commerce  
4600 Silver Hill Road  
Washington, DC 20233  
<http://www.census.gov/sipp/intro.html>

## **Centers for Disease Control and Prevention (CDC)**

### ***National Health Interview Survey (NHIS)***

The National Health Interview Survey (NHIS) is the principal source of information on the health of the civilian noninstitutionalized population of the United States and is one of the major data collection programs of the National Center

for Health Statistics (NCHS), which is part of the Centers for Disease Control and Prevention (CDC). The main objective of the NHIS is to monitor the health of the U.S. population through the collection and analysis of data on a broad range of health topics. A major strength of this survey lies in its ability to display these health characteristics by many demographic and socioeconomic characteristics.

The NHIS covers the civilian noninstitutionalized population residing in the United States at the time of the interview. The NHIS is a cross-sectional household interview survey. Sampling and interviewing are continuous throughout each year. The sampling plan follows a multistage area probability design that permits the representative sampling of households and noninstitutional group quarters (e.g., college dormitories). The sampling plan is redesigned after every decennial census. The current sampling plan was implemented in 2006. It is similar in many ways to the previous sampling plan, which was in place from 1995 to 2005. The first stage of the current sampling plan consists of a sample of 428 primary sampling units (PSU's) drawn from approximately 1,900 geographically defined PSU's that cover the 50 states and the District of Columbia. A PSU consists of a county, a small group of contiguous counties, or a metropolitan statistical area.

The revised NHIS questionnaire, implemented since 1997, contains Core questions and Supplements. The Core questions remain largely unchanged from year to year and allow for trends analysis and for data from more than one year to be pooled to increase sample size for analytic purposes. The Core contains four major components: Household, Family, Sample Adult, and Sample Child.

The Household component collects limited demographic information on all of the individuals living in a particular house. The Family component verifies and collects additional demographic information on each member from each family in the house and collects data on topics including health status and limitations, injuries, healthcare access and utilization, health insurance, and income and assets. The Family Core component allows the NHIS to serve as a sampling frame for additional integrated surveys as needed.

Data are collected through a personal household interview conducted by interviewers employed and trained by the U.S. Bureau of the Census according to procedures specified by the NCHS.

Further information on the NHIS may be obtained from

Information Dissemination Staff  
National Center for Health Statistics  
Centers for Disease Control and Prevention  
3311 Toledo Road, Room 5407  
Hyattsville, MD 20782-2003  
(800) 232-4636  
[nhis@cdc.gov](mailto:nhis@cdc.gov)  
<http://www.cdc.gov/nchs/nhis.htm>

## ***Morbidity and Mortality Weekly Report: Summary of Notifiable Diseases***

The Summary of Notifiable Diseases, a publication of the Morbidity and Mortality Weekly Report (MMWR), contains the official statistics, in tabular and graphic form, for the reported occurrence of nationally notifiable infectious diseases in the United States. These statistics are collected and compiled from reports sent by state health departments and territories to the National Notifiable Diseases Surveillance System (NNDSS), which is operated by the Centers for Disease Control and Prevention (CDC) in collaboration with the Council of State and Territorial Epidemiologists.

For more information on the MMWR: Summary of Notifiable Diseases, see [http://www.cdc.gov/mmwr/mmwr\\_nd/](http://www.cdc.gov/mmwr/mmwr_nd/).

## ***National Vital Statistics System***

The National Vital Statistics System (NVSS) is the method by which data on births, deaths, marriages, and divorces are provided to the National Center for Health Statistics (NCHS), part of the Centers for Disease Control and Prevention (CDC). The data are provided to NCHS through the Vital Statistics Cooperative Program (VSCP). In 1984 and earlier years, the VSCP included varying numbers of states that provided data based on a 100 percent sample of their birth certificates. Data for states not in the VSCP were based on a 50 percent sample of birth certificates filed in those states. Population data used to compile birth rates are based on special estimation procedures and are not actual counts.

Race and Hispanic ethnicity are reported separately in the NVSS. Data are available for non-Hispanic Whites and non-Hispanic Blacks for 1990 and later; however, for 1980 and 1985, data for Whites and Blacks may include persons of Hispanic ethnicity. For all years, Asian/Pacific Islander and American Indian/Alaska Native categories include persons of Hispanic ethnicity.

For more information on the NCHS and the NVSS, see <http://www.cdc.gov/nchs/nvss.htm>.

## ***Youth Risk Behavior Surveillance System (YRBSS)***

The Youth Risk Behavior Surveillance System (YRBSS) was created in 1991 to monitor six types of health-risk behaviors that lead to death and disability among young adults: tobacco use, alcohol and other drug use, physical inactivity; sexual risk behaviors, unhealthy diet behaviors, and behaviors that contribute to unintentional injuries and violence. Obesity and asthma among youth and young adults are also measured. Surveys are conducted every 2 years, usually in the spring semester.

The system includes a national school-based survey conducted by the Centers for Disease Control and Preven-

tion (CDC), as well as state, territorial, tribal, and local surveys conducted by state, territorial, and local health and education agencies and tribal governments. Each survey takes one class period to complete, approximately 10 minutes to distribute materials and give directions and 35 minutes to record responses. Permission is obtained from parents before administering this anonymous, voluntary survey. States and local agencies can add or delete questions from the core questionnaire to meet their policy or programmatic needs.

Local, territorial, and jurisdictional data from YRBSS surveys are weighted to represent all public school students in grades 9–12 in the respective jurisdiction. National data are collected from a separate scientific sample of students and are representative of students from all 50 states and the District of Columbia. Sample size varies according to area, district, or school administering the survey. Methodological studies were conducted in 1991 and 1999 to assess the validity of the self-reported behaviors and personal information. Research indicates that student-reported data is just as credible as that gathered from adults.

Further information on the YRBSS may be obtained from

U.S. Department of Health and Human Services  
Division of Adolescent and School Health  
4770 Buford Highway, NE  
Atlanta, GA 30341  
(800) 232-4636  
[cdcinfo@cdc.gov](mailto:cdcinfo@cdc.gov)

## ***Department of Justice***

### ***Bureau of Justice Statistics***

A division of the U.S. Department of Justice Office of Justice Programs, the Bureau of Justice Statistics (BJS) collects, analyzes, publishes, and disseminates statistical information on crime, criminal offenders, victims of crime, and the operations of the justice system at all levels of government and internationally. It also provides technical and financial support to state governments for development of criminal justice statistics and information systems on crime and justice.

The National Crime Victimization Survey (NCVS), administered for the U.S. Bureau of Justice Statistics by the U.S. Census Bureau, is the nation's primary source of information on crime and the victims of crime. Initiated in 1972 and redesigned in 1992, the NCVS collects detailed information annually on the frequency and nature of the crimes of rape, sexual assault, robbery, aggravated and simple assault, theft, household burglary, and motor vehicle theft experienced by Americans and their households each year. The survey measures both crimes reported to police and crimes not reported to the police.

For information on the BJS, see [www.ojp.usdoj.gov/bjs/](http://www.ojp.usdoj.gov/bjs/).



## **Federal Bureau of Investigation**

The Federal Bureau of Investigation (FBI) collects statistics on crimes from law enforcement agencies throughout the country through the Uniform Crime Reporting (UCR) Program. The UCR Program was conceived in 1929 by the International Association of Chiefs of Police to meet a need for reliable, uniform crime statistics for the nation. In 1930, the FBI was tasked with collecting, publishing, and archiving those statistics. Today, several annual statistical publications, such as the comprehensive *Crime in the United States*, are produced from data provided by nearly 17,000 law enforcement agencies across the United States. *Crime in the United States* (CIUS) is an annual publication in which the FBI compiles volume and rate of crime offenses for the nation, the states, and individual agencies. This report also includes arrest, clearance, and law enforcement employee data.

For more information on the UCR Program, see <http://www.fbi.gov/about-us/cjis/ucr/ucr>.

## **Department of Defense**

### ***Defense Manpower Data Center***

The Statistical Information Analysis Division of the Defense Manpower Data Center (DMDC) maintains the largest archive of personnel, manpower, and training data in the Department of Defense (DoD). The DMDC's statistical activities include the personnel survey program, an enlistment testing program to support screening of military applicants, and a client support program to provide statistical support to the Office of the Secretary of Defense. The DMDC collects DoD contract information in support of national economic tables and the Small Business Competitiveness Demonstration Program; it also produces statistics on DoD purchases from educational and nonprofit institutions and from state and local governments.

For more information on the DMDC, see <https://www.dmdc.osd.mil/appj/dwp/index.jsp>.

## **Institute of Museum and Library Statistics (IMLS)**

On October 1, 2007, the administration of the Public Libraries Survey (PLS) and the State Library Agencies (StLA) Survey was transferred from the National Center for Education Statistics to the Institute of Museum and Library Statistics (IMLS). The transfer of these surveys is the result of the fiscal year 2007 President's budget request.

### ***Library Statistics***

Public library statistics are collected annually using the PLS and disseminated annually through the Federal-State Cooperative System (FSCS) for Public Library Data. Descriptive statistics are produced for over 9,000 public libraries. The PLS includes information about staffing; operating income and expenditures; type of governance; type of administrative structure; size of collection; and service measures such as reference transactions, public service hours,

interlibrary loans, circulation, and library visits. In FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

The respondents are public libraries identified in the 50 states and the District of Columbia by state library agencies. At the state level, FSCS is administered by State Data Coordinators, appointed by the Chief Officer of each State Library Agency. The State Data Coordinator collects the requested data from local public libraries. All 50 states and the District of Columbia submit data for individual public libraries, which are aggregated to state and national levels.

From 1994 through 2006, NCES conducted the StLA Survey for the 50 states and the District of Columbia. A state library agency is the official agency of a state that is charged by state law with the extension and development of public library services throughout the state and that has adequate authority under state law to administer state plans in accordance with the provisions of the Library Services and Technology Act (LSTA) of 2003. The StLA Survey collected data on services, collections, staffing, revenue, and expenditures.

Further information on the Public Library Survey and State Library Agency Survey can be obtained from

Institute of Museum and Library Services  
Office of Policy, Planning, Research, and Communication  
Research and Statistics Division  
1800 M Street NW, 9th Floor  
Washington, DC 20036-5802  
[imlsinfo@imls.gov](mailto:imlsinfo@imls.gov)  
<http://harvester.census.gov/imls/index.asp>

## **National Institute on Drug Abuse**

### ***Monitoring the Future Survey***

The National Institute on Drug Abuse of the U.S. Department of Health and Human Services is the primary supporter of the long-term study entitled "Monitoring the Future: A Continuing Study of American Youth," conducted by the University of Michigan Institute for Social Research. One component of the study deals with student drug abuse. Results of the national sample survey have been published annually since 1975. With the exception of 1975, when about 9,400 students participated in the survey, the annual samples comprise roughly 16,000 students in 150 public and private schools. Students complete self-administered questionnaires given to them in their classrooms by University of Michigan personnel. Each year, 8th-, 10th-, and 12th-graders are surveyed (12th-graders since 1975, and 8th- and 10th-graders since 1991). The 8th- and 10th-grade surveys are anonymous, while the 12th-grade survey is confidential. The 10th-grade samples involve about 17,000 students in 140 schools each year, while the 8th-grade samples have approximately 18,000 students in about 150 schools. In all, approximately 50,000 students from about 420 public and private secondary schools are surveyed annually. Approximately 88.4 percent of 8th-grade students, 87.2 percent of 10th-grade students, and 84.7 percent of 12th-

grade students surveyed participated in the study in 2010. Beginning with the class of 1976, a randomly selected sample from each senior class has been followed in the years after high school on a continuing basis.

Understandably, there is some reluctance to admit illegal activities. Also, students who are out of school on the day of the survey are nonrespondents, and the survey does not include high school dropouts. The inclusion of absentees and dropouts would tend to increase the proportion of individuals who had used drugs. A 1983 study found that the inclusion of absentees could increase some of the drug usage estimates by as much as 2.7 percentage points. (Details on that study and its methodology were published in *Drug Use Among American High School Students, College Students, and Other Young Adults*, by L.D. Johnston, P.M. O'Malley, and J.G. Bachman, available from the National Clearinghouse on Drug Abuse Information, 5600 Fishers Lane, Rockville, MD 20857.)

The 2012 Monitoring the Future survey encompassed about 45,400 8th-, 10th-, and 12th-grade students in 395 secondary schools nationwide. The first published results were presented in *Monitoring the Future, National Results on Drug Use: 2012 Overview, Key Findings on Adolescent Drug Use*, at <http://www.monitoringthefuture.org/pubs/mnographs/mtf-overview2012.pdf>.

Further information on the Monitoring the Future drug abuse survey may be obtained from

National Institute on Drug Abuse  
Services and Prevention Research (DESPR)  
6001 Executive Boulevard  
Rockville, MD 20892  
[MTFinfo@isr.umich.edu](mailto:MTFinfo@isr.umich.edu)  
<http://www.monitoringthefuture.org>

## National Science Foundation

### ***Survey of Federal Funds for Research and Development***

The annual federal funds survey is the primary source of information about federal funding for research and development (R&D) in the United States. It is used by policymakers in the executive and legislative branches of the federal government in determining policies, laws, and regulations affecting science; it is also used by those who follow science trends in every sector of the economy, including university administrators and professors, economic and political analysts, R&D managers inside and outside the government, the science press, and leading members of the science community in the United States and around the world.

The survey is completed by the 15 federal departments and their 72 subagencies and 12 independent agencies that conduct R&D programs. The sample is obtained from information in the President's budget submitted to Congress.

Federal funds data, as collected, span 3 government fiscal years: the fiscal year just completed, the current fiscal year, and the next fiscal year. Actual data are collected for the year

just completed; estimates are obtained for the current fiscal year and the next fiscal year.

The data are collected and managed online; this system was designed to help improve survey reporting by offering respondents direct online reporting and editing.

The federal funds survey has an unweighted response rate of 100 percent with no known item nonresponse. The information included in this survey has been stable since fiscal year 1973, when federal obligations for research to universities and colleges by agency and detailed science and engineering fields were added to the survey.

Further information on federal funds for research and development may be obtained from

Michael Yamaner  
Research and Development Statistics Program  
Division of Science Resources Statistics  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
[myamaner@nsf.gov](mailto:myamaner@nsf.gov)  
<http://www.nsf.gov/statistics>

### ***Survey of Earned Doctorates***

The Survey of Earned Doctorates (SED) has collected basic statistics from the universe of doctoral recipients in the United States each year since 1958. It is supported by six federal agencies: the National Science Foundation, in conjunction with the U.S. Department of Education; the National Endowment for the Humanities; the U.S. Department of Agriculture; the National Institutes of Health; and the National Aeronautics and Space Administration.

With the assistance of graduate deans, a survey form is distributed to each person completing the requirements for a first research doctorate. Of the 49,562 new research doctorates granted between July 1, 2008, and June 30, 2009, 92.3 percent of degree recipients responded. The questionnaire obtains information on sex, race/ethnicity, marital status, citizenship, disabilities, dependents, specialty field of doctorate, educational institutions attended, time spent in completion of doctorate, financial support, education debt, postgraduation plans, and educational attainment of parents.

Further information on the Survey of Earned Doctorates may be obtained from

Mark Fiegenger  
SED Project Officer  
Human Resources Statistics Program  
Division of Science Resources Statistics  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
[mfigene@nsf.gov](mailto:mfigene@nsf.gov)  
<http://www.nsf.gov/statistics/srvydoctorates>  
<http://www.norc.umd.edu/projects/survey+of+earned+doctorates.htm>

## ***Survey of Graduate Students and Postdoctorates in Science and Engineering***

The Survey of Graduate Students and Postdoctorates in Science and Engineering, also known as the graduate student survey (GSS), is an annual survey of all academic institutions in the United States and its territories that grant research-based master's degrees or doctorates, appoint postdocs, or employ doctorate-holding nonfaculty researchers in science and engineering and selected health fields. It is an institution-based survey that provides data on the number and characteristics of graduate science, engineering, and health students enrolled in approximately 600 U.S. academic institutions.

Data for the 2008 GSS were collected at the beginning of academic year 2007–08. This survey includes all branch campuses, affiliated research centers, and separately organized components—such as medical or dental schools, nursing schools, and schools of public health—from all academic institutions that offer doctor's and master's degree programs. Only those graduate students enrolled for credit in a master's or doctoral program in science or engineering in the fall of 2007 were included in the survey. M.D., D.O., D.V.M., or D.D.S. candidates, interns, and residents were counted if they were concurrently working on a master's or doctoral degree in science or engineering or were enrolled in a joint medical/Ph.D. program.

The 2008 survey universe consists of 579 institutions, including 376 doctorate-granting institutions and 203 master's-granting institutions. There are 708 schools affiliated with these institutions: 505 at doctorate-granting institutions and 203 at master's-granting institutions.

New procedures to improve coverage of GSS-eligible units were introduced in the 2007 survey cycle and were continued in the 2008 GSS. Increased emphasis was given to updating the unit list by providing an exhaustive list of GSS-eligible programs within existing GSS fields. In previous years, only a representative list was provided for each GSS field, which may have resulted in not reporting all eligible units. The set of GSS-eligible fields was also modified. Due to these changes, data for 2007 and later years are not directly comparable with data from previous years.

Further information on the Survey of Graduate Students and Postdoctorates in Science and Engineering may be obtained from

Emilda Rivers  
Division of Science Resources Statistics  
National Science Foundation  
4201 Wilson Boulevard, Suite 965  
Arlington, VA 22230  
[erivers@nsf.gov](mailto:erivers@nsf.gov)  
<http://www.nsf.gov/statistics/survey.cfm>

## **Substance Abuse and Mental Health Services Administration**

### ***National Survey on Drug Use and Health***

Conducted by the federal government since 1971, the National Survey on Drug Use and Health (NSDUH) is an annual survey (since 1991) of the civilian, noninstitutionalized population of the United States age 12 or older. It is the primary source of information on the prevalence, patterns, and consequences of alcohol, tobacco, and illegal drug use and abuse. The survey collects data by administering questionnaires to a representative sample of the population (since 1999, the NSDUH interview has been carried out using computer-assisted interviewing). NSDUH collects information from residents of households, noninstitutional group quarters, and civilians living on military bases. The main results of the NSDUH present national estimates of rates of use, numbers of users, and other measures related to illicit drugs, alcohol, and tobacco products.

Prior to 2002, the survey was called the National Household Survey on Drug Abuse (NHSDA). Because of improvements to the survey in 2002, the data from 2002 onward should not be compared with NHSDA data from 2001 and earlier as a method of assessing changes in substance use over time. The 2008 NSDUH screened 142,940 addresses, and 68,740 completed interviews were obtained. The survey was conducted from January through December 2008. Weighted response rates were 89.0 percent for household screening and 74.4 percent for interviewing. The 2005 NSDUH was the first in a coordinated 5-year sample design providing estimates for all 50 states and the District of Columbia for the years 2005 through 2009. Because the 2005 design enables estimates to be developed by state, states may be viewed as the first level of stratification, as well as a reporting variable.

Further information on the NSDUH may be obtained from

SAMHSA, Center for Behavioral Health Statistics and Quality  
1 Choke Cherry Road, Room 2-1042  
Rockville, MD 20857  
<http://www.samhsa.gov/data/nsduh.aspx>

## **Other Organization Sources**

### **ACT**

#### ***ACT assessment***

The ACT assessment is designed to measure educational development in the areas of English, mathematics, social studies, and natural sciences. The ACT assessment is taken by college-bound high school students and by all graduating seniors in Colorado and Illinois. The test results are used to predict how well students might perform in college.

Prior to the 1984–85 school year, national norms were based on a 10-percent sample of the students taking the test. Since then, national norms are based on the test scores of all students taking the test. Beginning with 1984–85, these norms have been based on the most recent ACT scores available from students scheduled to graduate in the spring of the year. Duplicate test records are no longer used to produce national figures.

Separate ACT standard scores are computed for English, mathematics, science reasoning, and, as of October 1989, reading. ACT standard scores are reported for each subject area on a scale from 1 to 36. In 2010, the national composite score (the simple average of the four ACT standard scores) was 21.0, with a standard deviation of 5.2. The tests emphasize reasoning, analysis, problem solving, and the integration of learning from various sources, as well as the application of these proficiencies to the kinds of tasks college students are expected to perform.

It should be noted that graduating students who take the ACT assessment are not necessarily representative of graduating students nationally. Students who live in the Midwest, Rocky Mountains, Plains, and South are overrepresented among ACT-tested students as compared to graduating students nationally. Students in these areas often aspire to public colleges and universities, which in these jurisdictions require the ACT assessment more often than the SAT test.

Further information on the ACT may be obtained from

ACT  
500 ACT Drive  
P.O. Box 168  
Iowa City, IA 52243-0168  
<http://www.act.org>

## American Council on Education

### ***GED Testing Service***

GED Testing Service is a joint venture between Pearson and the American Council on Education (ACE). A GED credential documents high school-level academic skills. The test was first administered to World War II veterans in 1942 and was subsequently administered to civilians beginning in 1947. To date, there have been four generations of the GED test: the original GED test released in 1942, the 1978 series, the 1988 series, and the current series released in 2002. The release of a new GED test series is planned for January 2014.

The annual *GED Testing Program Statistical Report* looks at those who take the GED, test performance statistics, and historical information on the GED testing program.

Attempting to make comparisons in GED testing across jurisdictions is problematic, since each jurisdiction manages its own GED testing program. As such, each jurisdiction develops its own policies, which would be reflected in its testing program outcomes, such as pass rates.

Further information on the GED may be obtained from

GED Testing Service  
1155 Connecticut Avenue NW  
Washington, DC 20036  
<http://www.gedtestingservice.com/ged-testing-service>

## **Bobit Business Media**

### ***School Bus Fleet***

School Bus Fleet digital magazine is a trade publication serving more than 24,000 school transportation professionals in the United States and Canada that provides information on the management and maintenance of school bus fleets operated by public school districts, private schools, Head Start agencies, and child care centers. The readership includes public operators and contract service providers.

Further information on School Bus Fleet magazine may be obtained from

Bobit Business Media  
3520 Challenger Street  
Torrance, CA 90503  
<http://www.schoolbusfleet.com/>

## **The College Board**

### ***Advanced Placement Exam (AP)***

The Advanced Placement (AP) program is a curriculum sponsored by the College Board that offers high school students the opportunity to take college-level courses in a high school setting. A student taking an AP course in high school can earn college credit for participation by attaining a certain minimum score on the AP exam in that subject area.

The AP program offers courses in 34 subjects. Although nearly 60 percent of U.S. high schools in the United States offer AP courses, the College Board does not require students to take an AP course before taking an AP exam. AP exams are offered once a year in May. Most of the exams take 2 to 3 hours to complete. The scores for all AP exams range from 1 to 5, with 5 being the highest score. Over 90 percent of the nation's colleges and universities have an AP policy granting incoming students credit, placement, or both, for qualifying AP exam scores.

### ***SAT***

The Admissions Testing Program of the College Board is made up of a number of college admissions tests, including the Preliminary Scholastic Assessment Test (PSAT) and the Scholastic Assessment Test, now known as the SAT. High school students participate in the testing program as sophomores, juniors, or seniors—some more than once during these 3 years. If they have taken the tests more than once, only the most recent scores are tabulated. The PSAT and SAT report subscores in the areas of mathematics and verbal ability.

The SAT results are not representative of high school students or college-bound students nationally, since the sample is self-selected (i.e., taken by students who need the results to apply to a particular college or university). Public colleges in many states, particularly in the Midwest, parts of the South, and the West, require ACT scores rather than SAT scores. The proportion of students taking the SAT in these states is very low and is inappropriate for comparison. In recent years, more than 1.4 million high school students have taken the SAT examination annually. The latest version of the SAT, which includes a writing component, was first administered in March 2005.

Further information on the SAT can be obtained from

The College Board National Office  
45 Columbus Avenue  
New York, NY 10023-6917  
<http://www.collegeboard.org/>

## Commonfund Institute

### *Higher Education Price Index*

Commonfund Institute took over management of the Higher Education Price Index (HEPI) in September 2004 from Research Associates of Washington, which originated the index in 1961. HEPI measures average changes in prices of goods and services purchased by colleges and universities through educational and general expenditures. Sponsored research and auxiliary enterprises are not priced by HEPI.

HEPI is based on the prices (or salaries) of faculty and of administrators and other professional service personnel; clerical, technical, service, and other nonprofessional personnel; and contracted services, such as data processing, communication, transportation, supplies and materials, equipment, books and periodicals, and utilities. These represent the items purchased for current operations by colleges and universities. Prices for these items are obtained from salary surveys conducted by various national higher education associations, the American Association of University Professors, the Bureau of Labor Statistics, and the National Center for Education Statistics; and from components of the Consumer Price Index (CPI) and the Producer Price Index (PPI) published by the U.S. Department of Labor, Bureau of Labor Statistics. Since 2009, data have been consistently drawn from the July–June academic fiscal year. Prior to 2009, data were collected from years with varying endpoints.

The quantities of these goods and services have been kept constant based on the 1971–72 buying pattern of colleges and universities. The weights assigned to the various items, which represent their relative importance in the current-fund educational and general budget, are estimated national averages. Variance in spending patterns of individual institutions from these national averages reduces only slightly the applicability of HEPI to any given institutional situation. Modest differences in the weights attached to expenditure categories have little effect on overall index values. This is because

HEPI is dominated by the trend in faculty salaries and similar salary trends for other personnel hired by institutions, which minimizes the impact of price changes in other items purchased in relatively small quantities.

Further information on HEPI may be obtained from

Commonfund Institute  
15 Old Danbury Road  
Wilton, CT 06897  
<http://www.commonfund.org>

## Council for Aid to Education

### *Survey of Voluntary Support of Education*

The Council for Aid to Education, Inc. (CAE) is a non-profit corporation funded by contributions from businesses. CAE largely provides consulting and research services to corporations and information on voluntary support services to education institutions. Each year, CAE conducts a survey of colleges and universities and private elementary and secondary schools to obtain information on the amounts, sources, and purposes of private gifts, grants, and bequests received during the academic year.

The annual Voluntary Support of Education (VSE) survey consistently captures about 85 percent of the total voluntary support to colleges and universities in the United States. Institutional reports of voluntary support data from the VSE survey are more comprehensive and detailed than the related data in the Integrated Postsecondary Education Data System (IPEDS) Finance survey conducted by NCES.

The VSE survey is conducted online. All accredited institutions of higher education are eligible to participate, and about a quarter of these institutions fill out a survey each year. CAE reviews the survey forms for internal consistency, queries institutions whose data appear out of line with national trends or their own historical data, and makes an effort to clean the data before preparing a computerized database of the results.

Individual institutions and several state systems of higher education use the VSE data to monitor and analyze their fundraising results. CAE uses the data to develop national estimates of giving to education and to report in detail on private support of education. The results from the VSE survey are available to subscribers online and are also published in the annual Voluntary Support of Education report, which may be purchased from CAE.

Further information on the VSE survey may be obtained from

Ann Kaplan  
Council for Aid to Education, Inc.  
215 Lexington Avenue  
16th Floor  
New York, NY 10016-6023  
[vse@cae.org](mailto:vse@cae.org)  
<http://www.cae.org>

## Council of Chief State School Officers

### **State Education Indicators**

The Council of Chief State School Officers (CCSSO) is a nonpartisan, nationwide, nonprofit organization of the public officials who head departments of public education in the states, the District of Columbia, the U.S. Department of Defense dependents schools, and five outlying areas. The CCSSO Education Indicators project provides leadership in developing a system of state-by-state indicators of the condition of K–12 education. Indicator activities include collecting and reporting statistical indicators by state, tracking state policy changes, assisting with accountability systems, and conducting analysis of trends in education. Key State Education Policies on PK–12 Education is one of the publications issued by the State Educators Project. It is intended to inform policymakers and educators about the current status of key education policies that define and shape elementary and secondary education in public schools in the nation. State education staff reported on current policies through a survey, and CCSSO staff collected additional assessment information through state websites.

Further information on CCSSO publications may be obtained from

Rolf Blank  
State Education Indicators Program  
Standards, Assessment, and Accountability  
Council of Chief State School Officers  
One Massachusetts Avenue NW  
Suite 700  
Washington, DC 20001-1431  
[rolfb@ccsso.org](mailto:rolfb@ccsso.org)  
<http://www.ccsso.org>

## Editorial Projects in Education

### **Education Week**

Editorial Projects in Education is an independent, nonprofit publisher of *Education Week* and other print and online products on K–12 education.

Further information on Editorial Projects in Education publications may be obtained from

Editorial Projects in Education, Inc.  
Suite 100  
6935 Arlington Road  
Bethesda, MD 20814-5233  
<http://www.edweek.org/info/about/>

## Education Commission of the States

### **StateNotes**

Education Commission of the States (ECS) regularly issues compilations, comparisons, and summaries of state

policies—enacted or pending—on a number of education issues, including high school graduation requirements and school term information. ECS monitors state education activities for changes in education policies and updates ECS state information accordingly.

Further information on StateNotes may be obtained from

Education Commission of the States  
700 Broadway, #810  
Denver, CO 80203-3442  
[ecs@ecs.org](mailto:ecs@ecs.org)  
<http://www.ecs.org>

## Graduate Record Examinations Board

### **GRE tests**

Graduate Record Examinations (GRE) tests are taken by individuals applying to graduate or professional school. GRE offers two types of tests, the General Test and Subject Tests. The General Test, which is mainly taken on computer, measures verbal, quantitative, and analytical writing skills. The writing section consists of two analytical writing tasks, which replaced the analytical reasoning section on the general GRE after December 31, 2002. The Subject Tests measure achievement in subject areas that include biochemistry, cell and molecular biology, biology, chemistry, computer science, literature in English, mathematics, physics, and psychology. Each graduate institution or division of the institution determines which GRE tests are required for admission.

Individuals may take GRE tests more than once. Score reports only reflect scores earned within the past 5-year period.

Further information on the GRE may be obtained from

Graduate Record Examinations Board  
Educational Testing Service  
P.O. Box 6000  
Princeton, NJ 08541  
<http://www.ets.org/gre>

## Institute of International Education

### **Open Doors**

Each year, the Institute of International Education (IIE) conducts a survey of the number of foreign students studying in American colleges and universities and U.S. students studying abroad. The results of these surveys are reported in the publication *Open Doors*. All of the regionally accredited institutions in NCES's Integrated Postsecondary Education Data System (IPEDS) are surveyed by IIE. The foreign student enrollment data presented in the *Digest* are drawn from IIE surveys that ask institutions for information on enrollment of foreign students, as well as student characteristics such as country of origin. For the 2009–10 survey, approximately 63.0 percent of the 2,673 institutions surveyed reported data.

The flows of U.S. college students studying abroad have been surveyed since 1985–86. Surveys are sent to institutions asking them to provide information on the number and characteristics of the students to whom they awarded credit for study abroad during the previous academic year. Data was obtained from about 990, or 73.5 percent, of the 1,340 institutions surveyed.

Additional information can be obtained from the publication *Open Doors* or by contacting

Sharon Witherell  
Institute of International Education–Public Affairs  
809 United Nations Plaza  
New York, NY 10017  
[switherell@iie.org](mailto:switherell@iie.org)  
<http://www.iie.org/en/Research-and-Publications/Open-Doors>

## International Association for the Evaluation of Educational Achievement

The International Association for the Evaluation of Educational Achievement (IEA) is composed of governmental research centers and national research institutions around the world whose aim is to investigate education problems common among countries. Since its inception in 1958, the IEA has conducted more than 30 research studies of cross-national achievement. The regular cycle of studies encompasses learning in basic school subjects. Examples are the Trends in International Mathematics and Science Study (TIMSS) and the Progress in International Reading Literacy Study (PIRLS). IEA projects also include studies of particular interest to IEA members, such as the TIMSS 1999 Video Study of Mathematics and Science Teaching, the Civic Education Study, and studies on information technology in education.

The international bodies that coordinate international assessments vary in the labels they apply to participating education systems, most of which are countries. IEA differentiates between IEA members, which IEA refers to as “countries” in all cases, and “benchmarking participants.” IEA members include countries such as the United States and Ireland, as well as subnational entities such as England and Scotland (which are both part of the United Kingdom), the Flemish community of Belgium, and Hong Kong-CHN (which is a Special Administrative Region of China). IEA benchmarking participants are all subnational entities and include Canadian provinces, U.S. states, and Dubai in the United Arab Emirates (among others). Benchmarking participants, like the participating countries, are given the opportunity to assess the comparative international standing of their students’ achievement and to view their curriculum and instruction in an international context.

Some IEA studies, such as TIMSS and PIRLS, include an assessment portion as well as contextual questionnaires to collect information about students’ home and school experiences. The TIMSS and PIRLS scales, including the scale averages and standard deviations, are designed to remain constant from assessment to assessment so that education systems (including countries and subnational education sys-

tems) can compare their scores over time, as well as compare their scores directly with the scores of other education systems. Although each scale was created to have a mean of 500 and a standard deviation of 100, the subject matter and the level of difficulty of items necessarily differ by grade, subject, and domain/dimension. Therefore, direct comparisons between scores across grades, subjects, and different domain/dimension types should not be made.

Further information on the International Association for the Evaluation of Educational Achievement may be obtained from <http://www.ica.nl>.

## Trends in International Mathematics and Science Study

The Trends in International Mathematics and Science Study (TIMSS, formerly known as the Third International Mathematics and Science Study) provides reliable and timely data on the mathematics and science achievement of U.S. fourth- and eighth-graders compared with that of their peers in other countries. TIMSS is on a 4-year cycle, with data collection occurring in 1995, 1999 (eighth grade only), 2003, 2007, and 2011. In 2011, a total of 77 education systems, including 63 IEA members and 14 benchmarking participants, participated in TIMSS. The next TIMSS data collection is scheduled for 2015. TIMSS collects information through mathematics and science assessments and questionnaires. The questionnaires request information to help provide a context for student performance, focusing on such topics as students’ attitudes and beliefs about learning mathematics and science, what students do as part of their mathematics and science lessons, students’ completion of homework, and their lives both in and outside of school; teachers’ perceptions of their preparedness for teaching mathematics and science topics, teaching assignments, class size and organization, instructional content and practices, collaboration with other teachers, and participation in professional development activities; and principals’ viewpoints on policy and budget responsibilities, curriculum and instruction issues, and student behavior, as well as descriptions of the organization of schools and courses. The assessments and questionnaires are designed to specifications in a guiding framework. The TIMSS framework describes the mathematics and science content to be assessed and provides grade-specific objectives, an overview of the assessment design, and guidelines for item development.

## Progress in International Reading Literacy Study

The Progress in International Reading Literacy Study (PIRLS) provides reliable and timely data on the reading literacy of U.S. fourth-graders compared with that of their peers in other countries. PIRLS is on a 5-year cycle, with data having been collected in 2001, 2006, and 2011. In 2011, a total of 57 education systems, including 48 IEA members and 9 benchmarking participants, participated in PIRLS. The next PIRLS

data collection is scheduled for 2016. PIRLS collects information through a reading literacy assessment and questionnaires that help to provide a context for student performance. Questionnaires are administered to collect information about students' home and school experiences in learning to read. A student questionnaire addresses students' attitudes towards reading and their reading habits. In addition, questionnaires are given to students' teachers and school principals to gather information about students' school experiences in developing reading literacy. In countries other than the United States, a parent questionnaire is also administered. The assessments and questionnaires are designed to specifications in a guiding framework. The PIRLS framework describes the reading content to be assessed and provides objectives specific to fourth grade, an overview of the assessment design, and guidelines for item development.

### ***TIMSS and PIRLS Sampling and Response Rates***

As is done in all participating countries and other education systems, representative samples of students in the United States are selected. The sample design employed by TIMSS and PIRLS in 2011 is generally referred to as a two-stage stratified cluster sample. In the first stage of sampling, individual schools were selected with a probability proportionate to size (PPS) approach, which means that the probability is proportional to the estimated number of students enrolled in the target grade. In the second stage of sampling, intact classrooms were selected within sampled schools.

TIMSS and PIRLS guidelines call for a minimum of 150 schools to be sampled, with a minimum of 4,000 students assessed. The basic sample design of one classroom per school was designed to yield a total sample of approximately 4,500 students per population.

About 23,000 students in almost 900 schools across the United States participated in the 2011 TIMSS, joining 600,000 other student participants around the world. Because PIRLS was also administered at grade 4 in spring 2011, TIMSS and PIRLS in the United States were administered in the same schools to the extent feasible. Students took either TIMSS or PIRLS on the day of the assessments. About 13,000 U.S. students participated in PIRLS in 2011, joining 300,000 other student participants around the world. Accommodations were not provided for students with disabilities or students who were unable to read or speak the language of the test. These students were excluded from the sample. The IEA requirement is that the overall exclusion rate, which includes exclusions of schools and students, should not exceed more than 5 percent of the national desired target population.

In order to minimize the potential for response biases, the IEA developed participation or response rate standards that apply to all participating education systems and govern whether or not an education system's data are included in the TIMSS or PIRLS international datasets and the way in

which its statistics are presented in the international reports. These standards were set using composites of response rates at the school, classroom, and student and teacher levels. Response rates were calculated with and without the inclusion of substitute schools that were selected to replace schools refusing to participate. In TIMSS 2011 at grade 4 in the United States, the weighted school participation rate was 79 percent before the use of substitute schools and 84 percent after the use of replacement schools; the weighted student response rate was 95 percent. In TIMSS 2011 at grade 8 in the United States, the weighted school participation rate was 87 percent before the use of substitute schools and 87 percent after the use of replacement schools; the weighted student response rate was 94 percent. In the 2011 PIRLS administered in the United States, the weighted school participation rate was 80 percent before the use of substitute schools and 85 percent after the use of replacement schools; the weighted student response rate was 96 percent.

Further information on the TIMSS study may be obtained from

Stephen Provasnik  
Early Childhood, International, and Crosscutting Studies Division  
National Center for Education Statistics  
1990 K Street NW, Room 9034  
Washington, DC 20006  
(202) 502-7480  
[stephen.provasnik@ed.gov](mailto:stephen.provasnik@ed.gov)  
<http://nces.ed.gov/timss>  
[http://www.ica.nl/timss\\_2011.html](http://www.ica.nl/timss_2011.html)

Further information on the PIRLS study may be obtained from

Sheila Thompson  
Early Childhood, International, and Crosscutting Studies Division  
National Center for Education Statistics  
1990 K Street NW, Room 9031  
Washington, DC 20006  
(202) 502-7425  
[sheila.thompson@ed.gov](mailto:sheila.thompson@ed.gov)  
<http://nces.ed.gov/surveys/pirls/>  
[http://www.ica.nl/pirls\\_2011.html](http://www.ica.nl/pirls_2011.html)

### **National Association of State Directors of Teacher Education and Certification**

#### ***NASDTEC Manual/KnowledgeBase***

The National Association of State Directors of Teacher Education and Certification (NASDTEC) was organized in 1928 to represent professional standards boards and commissions and state departments of education that are responsible for the preparation, licensure, and discipline of educational personnel. Currently, NASDTEC's membership includes all 50 states, the District of Columbia, the U.S. Department of Defense Education Activity, U.S. jurisdictions, and Canadian provinces and territories.



The NASDTEC Manual on the Preparation & Certification of Educational Personnel (NASDTEC Manual) was printed between 1984 and 2004, when it was replaced by an online publication, KnowledgeBase. This is an expanded version of the Manual and is the most comprehensive source of state-by-state information pertaining to the certification requirements and preparation of teachers and other school personnel in the United States and Canada.

Further information on KnowledgeBase may be obtained from

Roy Einreinhofer, Executive Director  
NASDTEC  
1225 Providence Road PMB #116  
Whitinsville, MA 01588  
[rje@nasdtec.com](mailto:rje@nasdtec.com)  
<http://www.nasdtec.info>

## National Catholic Educational Association

### *The United States Catholic Elementary and Secondary Schools*

The National Catholic Educational Association (NCEA) has been providing leadership and service to Catholic education since 1904. NCEA began to publish *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment and Staffing* in 1970 because of the lack of educational data on the private sector. The report is based on data gathered by each of the 176 archdiocesan and diocesan offices of education in the United States. These data enable NCEA to present information on school enrollment and staffing patterns for prekindergarten through grade 12. The first part of the report presents data concerning the context of American education, while the following segment focuses on statistical data of Catholic schools. Statistics include enrollment by grade level, race/ethnicity, and affiliation.

Further information on *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment, and Staffing* may be obtained from

Sister Dale McDonald  
National Catholic Educational Association  
1005 N. Glebe Road  
Suite 525  
Arlington, VA 22201  
[mcdonald@ncea.org](mailto:mcdonald@ncea.org)  
<http://www.ncea.org>

## National Education Association

### *Estimates of School Statistics*

The National Education Association (NEA) produces *Estimates of School Statistics* annually. This report provides projections of public school enrollment, employment and personnel compensation, and finances, as reported by

individual state departments of education. The state-level data in *Estimates of School Statistics* allow broad assessments of trends in the above areas. These data should be looked at with the understanding that the state-level data do not necessarily reflect the varying conditions within a state on education issues.

Data in this report are provided by state and District of Columbia departments of education and by other, mostly governmental, sources. Surveys are sent to the departments of education requesting estimated data for the current year and revisions to 4 years of historical data, as necessary. Twice a year, NEA submits current-year estimates on more than 35 education statistics to state departments of education for verification or revision. The estimates are generated using regression analyses and are used in the *Estimates* report only if the states do not provide current data.

Further information on *Estimates of School Statistics* may be obtained from

NEA Rankings & Estimates Team—NEA Research  
1201 16th Street NW  
Washington, DC 20036  
<http://www.nea.org>

### *Status of the American Public School Teacher*

The Status of the American Public School Teacher Survey is conducted every 5 years by the National Education Association (NEA). The survey was designed by the NEA Research Division and was initially administered in 1956. The intent of the survey is to solicit information covering various aspects of public school teachers' professional, family, and civic lives.

In the 2005–06 survey, questionnaires were sent to about 2,970 public school teachers in the United States, and about 1,330 of these teachers returned completed questionnaires. Of these 1,330 questionnaires, 330 were deemed unusable, yielding 1,000 usable completed questionnaires out of an adjusted total sample of 2,640. The response rate, then, was 37.8 percent.

Possible sources of nonsampling errors are nonresponses, misinterpretation, and—when comparing data over years—changes in the sampling method and instrument. Misinterpretation of the survey items should be minimal, as the sample responding is not from the general population, but one knowledgeable about the area of concern. The sampling procedure changed after 1956, and some wording of items has changed over different administrations of the survey.

Since sampling is used, sampling variability is inherent in the data. An approximation to the standard error for estimating the population percentages is 1.6 percent. Approximations for significance for other comparisons appear in the report, *Status of the American Public School Teacher: 2005–2006*, available at <http://www.nea.org/>.

Further information on the Status of the American Public School Teacher Survey may be obtained from

National Education Association—Research Department  
1201 16th Street NW  
Washington, DC 20036  
<http://www.nea.org>

## Organization for Economic Cooperation and Development

The Organization for Economic Cooperation and Development (OECD) publishes analyses of national policies and survey data in education, training, and economics in OECD and partner countries. Newer studies include student survey data on financial literacy and on digital literacy.

### ***Education at a Glance (EAG)***

To highlight current education issues and create a set of comparative education indicators that represent key features of education systems, OECD initiated the Indicators of Education Systems (INES) project and charged the Centre for Educational Research and Innovation (CERI) with developing the cross-national indicators for it. The development of these indicators involved representatives of the OECD countries and the OECD Secretariat. Improvements in data quality and comparability among OECD countries have resulted from the country-to-country interaction sponsored through the INES project. The most recent publication in this series is *Education at a Glance 2012: OECD Indicators (EAG)*.

The 2012 *EAG* featured the following 34 OECD countries: Australia, Austria, Belgium, Canada, Chile, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Japan, the Republic of Korea, Luxembourg, Mexico, the Netherlands, New Zealand, Norway, Poland, Portugal, the Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, the United Kingdom, and the United States. In addition to these OECD countries, two non-OECD countries that participated in the OECD Indicators of Education Systems programme (INES), Brazil and the Russian Federation, were often included, as well as six other G20 countries that did not participate in INES (Argentina, China, India, Indonesia, Saudi Arabia, and South Africa).

The *OECD Handbook for Internationally Comparative Education Statistics: Concepts, Standards, Definitions, and Classifications* provides countries with specific guidance on how to prepare information for OECD education surveys; facilitates countries' understanding of OECD indicators and their use in policy analysis; and provides a reference for collecting and assimilating educational data. Chapter 7 of the *OECD Handbook for Internationally Comparative Education Statistics* contains a discussion of data quality issues. Users should examine footnotes carefully to recognize some of the data limitations.

Further information on international education statistics may be obtained from

Andreas Schleicher  
Indicators & Analysis Division  
OECD Directorate for Education  
2, rue André Pascal  
75775 Paris CEDEX 16  
France  
[andreas.schleicher@oecd.org](mailto:andreas.schleicher@oecd.org)  
<http://www.oecd.org>

## ***Program for International Student Assessment***

The Program for International Student Assessment (PISA) is a system of international assessments that focuses on 15-year-olds' capabilities in reading literacy, mathematics literacy, and science literacy. PISA also includes measures of general, or cross-curricular, competencies such as learning strategies. PISA emphasizes functional skills that students have acquired as they near the end of mandatory schooling. PISA is organized by the Organization for Economic Cooperation and Development (OECD), an intergovernmental organization of industrialized countries, and was administered for the first time in 2000, when 43 education systems participated. In 2003, 41 education systems participated in the assessment; in 2006, 57 education systems (30 OECD member countries and 27 nonmember countries or education systems) participated; and in 2009, 65 education systems (34 OECD member countries and 31 nonmember countries or education systems) participated. An additional 9 education systems administered PISA 2009 in 2010.

PISA is a 2-hour paper-and-pencil exam. Assessment items include a combination of multiple-choice and open-ended questions, which require students to develop their own response. PISA scores are reported on a scale that ranges from 0 to 1,000, with the OECD mean set at 500 and a standard deviation set at 100.

PISA is implemented on a 3-year cycle that began in 2000. Each PISA assessment cycle focuses on one subject in particular, although all three subjects are assessed every 3 years. In the first cycle, PISA 2000, reading literacy was the major focus, occupying roughly two-thirds of assessment time. For 2003, PISA focused on mathematics literacy as well as the ability of students to solve problems in real-life settings. In 2006, PISA focused on science literacy. In 2009, PISA focused on reading literacy again.

The intent of PISA reporting is to provide an overall description of performance in reading literacy, mathematics literacy, and science literacy every 3 years, and to provide a more detailed look at each domain in the years when it is the major focus. These cycles will allow education systems to compare changes in trends for each of the three subject areas over time.

To implement PISA, each of the participating education systems scientifically draws a nationally representative sample of 15-year-olds, regardless of grade level. In the United States, about 5,200 students from 165 public and private schools took the PISA 2009 assessment.

In each education system, the assessment is translated into the primary language of instruction; in the United States, all materials are written in English.

Further information on PISA may be obtained from

Holly Xie  
Dana Kelly  
Early Childhood, International, and Crosscutting Studies Division  
International Activities Program  
National Center for Education Statistics  
1990 K Street NW  
Washington, DC 20006  
[holly.xie@ed.gov](mailto:holly.xie@ed.gov)  
[dana.kelly@ed.gov](mailto:dana.kelly@ed.gov)  
<http://nces.ed.gov/surveys/pisa>

## STN Media Group

### *School Transportation News*

STN Media Group publishes *School Transportation News*, a monthly print and online magazine covering the field of pupil transportation. The publication focuses on school bus and school vehicle safety and reports on transportation-related legislation and environmental issues touching on school transportation. The *School Transportation News* website offers a detailed history of school transportation services in the United States.

Further information about school transportation and the STN Media Group may be obtained from

STN Magazine  
P.O. Box 789  
Redondo Beach, CA 90277  
<http://stnonline.com/>

## United Nations Educational, Scientific, and Cultural Organization

### *Statistical Yearbook and Global Education Digest*

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conducts annual surveys of education statistics of its member countries. Data from official surveys are supplemented by information obtained by UNESCO through other publications and sources. Each year, more than 200 countries reply to the UNESCO surveys. In some cases, estimates are made by UNESCO for particular items, such as world and continent totals. While great efforts are made to make them as comparable as possible, the data still reflect the vast differences among the countries of the world in the structure of education. While there is some agreement about the reporting of primary and secondary data, tertiary-level data (i.e., postsecondary education data) present numerous substantive problems. Some countries report only university enrollment, while other countries report all postsecondary enrollment, including enrollment in vocational and technical schools and correspondence programs. A very high proportion of some countries' tertiary-level students attend institutions in other countries. The member countries that provide data to UNESCO are responsible for their validity. Thus, data for particular countries are subject to nonsampling error and perhaps sampling error as well. Users should examine footnotes carefully to recognize some of the data limitations. UNESCO publishes the data in reports such as the *Statistical Yearbook* and the *Global Education Digest*.

Further information on the *Statistical Yearbook* and the *Global Education Digest* may be obtained from

UNESCO Institute for Statistics  
Publications  
C.P. 6128 Succursale Centre-ville  
Montreal, Quebec, H3C 3J7  
Canada  
<http://www.uis.unesco.org>



## APPENDIX B

### Definitions

**Academic support** This category of college expenditures includes expenditures for support services that are an integral part of the institution's primary missions of instruction, research, or public service. It also includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development, and course and curriculum development.

**Achievement gap** Occurs when one group of students outperforms another group, and the difference in average scores for the two groups is statistically significant (that is, larger than the margin of error).

**Achievement levels, NAEP** Specific achievement levels for each subject area and grade to provide a context for interpreting student performance. At this time they are being used on a trial basis.

**Basic**—denotes partial mastery of the knowledge and skills that are fundamental for *proficient* work at a given grade.

**Proficient**—represents solid academic performance. Students reaching this level have demonstrated competency over challenging subject matter.

**Advanced**—signifies superior performance.

**Achievement test** An examination that measures the extent to which a person has acquired certain information or mastered certain skills, usually as a result of specific instruction.

**ACT** The ACT (formerly the American College Testing Program) assessment program measures educational development and readiness to pursue college-level coursework in English, mathematics, natural science, and social studies. Student performance on the tests does not reflect innate ability and is influenced by a student's educational preparedness.

**Administrative support staff** Staff whose activities are concerned with support of teaching and administrative duties of the office of the principal or department chairpersons, including clerical staff and secretaries.

**Advanced Placement (AP)** A program of tertiary-level courses and examinations, taught by specially qualified teachers, that provides opportunities for secondary school students to earn undergraduate credits for first-year university courses. The schools and teachers offering AP programs must meet College Board requirements and are monitored.

**Agriculture** Courses designed to improve competencies in agricultural occupations. Included is the study of agricultural production, supplies, mechanization and products, agricultural science, forestry, and related services.

**Alternative school** A public elementary/secondary school that serves students whose needs cannot be met in a regular, special education, or vocational school; may provide nontraditional education; and may serve as an adjunct to a regular school. Although alternative schools fall outside the categories of regular, special education, and vocational education, they may provide similar services or curriculum. Some examples of alternative schools are schools for potential dropouts; residential treatment centers for substance abuse (if they provide elementary or secondary education); schools for chronic truants; and schools for students with behavioral problems.

**Appropriation (federal funds)** Budget authority provided through the congressional appropriation process that permits federal agencies to incur obligations and to make payments.

**Appropriation (institutional revenues)** An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

**Associate's degree** A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

**Autocorrelation** Correlation of the error terms from different observations of the same variable. Also called Serial correlation.

**Auxiliary enterprises** This category includes those essentially self-supporting operations which exist to furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

**Average daily attendance (ADA)** The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

**Average daily membership (ADM)** The aggregate membership of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered as days in session. The average daily membership for groups of schools having varying lengths of terms is the average of the average daily memberships obtained for the individual schools. Membership includes all pupils who are enrolled, even if they do not actually attend.

**Averaged freshman graduation rate (AFGR)** A measure of the percentage of the incoming high school freshman class that graduates 4 years later. It is calculated by taking the number of graduates with a regular diploma and dividing that number by the estimated count of incoming freshman 4 years earlier, as reported through the NCES Common Core of Data (CCD). The estimated count of incoming freshman is the sum of the number of 8th-graders 5 years earlier, the number of 9th-graders 4 years earlier (when current seniors were freshman), and the number of 10th-graders 3 years earlier, divided by 3. The purpose of this averaging is to account for the high rate of grade retention in the freshman year, which adds 9th-grade repeaters from the previous year to the number of students in the incoming freshman class each year. Ungraded students are allocated to individual grades proportional to each state's enrollment in those grades. The AFGR treats students who transfer out of a school or district in the same way as it treats students from that school or district who drop out.

**Bachelor's degree** A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

**Books** Nonperiodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; juvenile nonperiodical publications of any length found in hard or soft covers.

**Breusch-Godfrey serial correlation LM test** A statistic testing the independence of errors in least-squares regression against alternatives of first-order and higher degrees of serial correlation. The test belongs to a class of asymptotic tests known as the Lagrange multiplier (LM) tests.

**Budget authority (BA)** Authority provided by law to enter into obligations that will result in immediate or future outlays. It may be classified by the period of availability (1-year, multiple-year, no-year), by the timing of congressional action (current or permanent), or by the manner of determining the amount available (definite or indefinite).

**Business** Program of instruction that prepares individuals for a variety of activities in planning, organizing, directing, and controlling business office systems and procedures.

**Capital outlay** Funds for the acquisition of land and buildings; building construction, remodeling, and additions; the initial installation or extension of service systems and other built-in equipment; and site improvement. The category also encompasses architectural and engineering services including the development of blueprints.

**Career/technical education (CTE)** In high school, encompasses occupational education, which teaches skills required in specific occupations or occupational clusters, as well as nonoccupational CTE, which includes family and consumer sciences education (i.e., courses that prepare students for roles outside the paid labor market) and general labor market preparation (i.e., courses that teach general employment skills such as word processing and introductory technology skills).

**Carnegie unit** The number of credits a secondary student received for a course taken every day, one period per day, for a full year; a factor used to standardize all credits indicated on secondary school transcripts across studies.

**Catholic school** A private school over which a Roman Catholic church group exercises some control or provides some form of subsidy. Catholic schools for the most part include those operated or supported by a parish, a group of parishes, a diocese, or a Catholic religious order.

**Central cities** The largest cities, with 50,000 or more inhabitants, in a Metropolitan Statistical Area (MSA). Additional cities within the metropolitan area can also be classified as "central cities" if they meet certain employment, population, and employment/residence ratio requirements.

**Certificate** A formal award certifying the satisfactory completion of a postsecondary education program. Certificates can be awarded at any level of postsecondary education and include awards below the associate's degree level.

**Charter School** A school providing free public elementary and/or secondary education to eligible students under a specific charter granted by the state legislature or other appropriate authority, and designated by such authority to be a charter school.

**City school** See Locale codes.

**Class size** The membership of a class at a given date.

**Classification of Instructional Programs (CIP)** The CIP is a taxonomic coding scheme that contains titles and descriptions of primarily postsecondary instructional programs. It was developed to facilitate NCES' collection and reporting of postsecondary degree completions by major field of study using standard classifications that capture the majority of reportable program activity. It was originally published in 1980 and was revised in 1985, 1990, 2000, and 2010.

**Classification of Secondary School Courses (CSSC)** A modification of the Classification of Instructional Programs used for classifying high school courses. The CSSC contains over 2,200 course codes that help compare the thousands of high school transcripts collected from different schools.

**Classroom teacher** A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations; usually expressed in full-time equivalents.

**Coefficient of variation (CV)** Represents the ratio of the standard error to the estimate. For example, a CV of 30 percent indicates that the standard error of the estimate is equal to 30 percent of the estimate's value. The CV is used to compare the amount of variation relative to the magnitude of the estimate. A CV of 30 percent or greater indicates that an estimate should be interpreted with caution. For a discussion of standard errors, see Appendix A: Guide to Sources.

**Cohort** A group of individuals that have a statistical factor in common, for example, year of birth.

**Cohort-component method** A method for estimating and projecting a population that is distinguished by its ability to preserve knowledge of an age distribution of a population (which may be of a single sex, race, and Hispanic origin) over time.

**College** A postsecondary school that offers general or liberal arts education, usually leading to an associate's, bachelor's, master's, or doctor's degree. Junior colleges and community colleges are included under this terminology.

**Combined school** A school that encompasses instruction at both the elementary and the secondary levels; includes schools starting with grade 6 or below and ending with grade 9 or above.

**Combined school (2007–08 Schools and Staffing Survey)** A school with at least one grade lower than 7 and at least one grade higher than 8; schools with only ungraded classes are included with combined schools.

**Combined Statistical Area (CSA)** A combination of Core Based Statistical Areas (see below), each of which contains a core with a substantial population nucleus as well as adjacent communities having a high degree of economic and social integration with that core. A CSA is a region with social and economic ties as measured by commuting, but at lower levels than are found within each component area. CSAs represent larger regions that reflect broader social and economic interactions, such as wholesaling, commodity distribution, and weekend recreation activities.

**Computer science** A group of instructional programs that describes computer and information sciences, including computer programming, data processing, and information systems.

**Constant dollars** Dollar amounts that have been adjusted by means of price and cost indexes to eliminate inflationary factors and allow direct comparison across years.

**Consumer Price Index (CPI)** This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers. Indexes vary for specific areas or regions, periods of time, major groups of consumer expenditures, and population groups. The CPI reflects spending patterns for two population groups: (1) all urban consumers and urban wage earners and (2) clerical workers. CPIs are calculated for both the calendar year and the school year using the U.S. All Items CPI for All Urban Consumers (CPI-U). The calendar year CPI is the same as the annual CPI-U. The school year CPI is calculated by adding the monthly CPI-U figures, beginning with July of the first year and ending with June of the following year, and then dividing that figure by 12.

**Consumption** That portion of income which is spent on the purchase of goods and services rather than being saved.

**Control of institutions** A classification of institutions of elementary/secondary or postsecondary education by whether the institution is operated by publicly elected or appointed officials and derives its primary support from public funds (public control) or is operated by privately elected or appointed officials and derives its major source of funds from private sources (private control).

**Core Based Statistical Area (CBSA)** A population nucleus and the nearby communities having a high degree of economic and social integration with that nucleus. Each CBSA includes at least one urban area of 10,000 or more people and one or more counties. In addition to a "central county" (or counties), additional "outlying counties" are included in the CBSA if they meet specified requirements of commuting to or from the central counties.

**Credit** The unit of value, awarded for the successful completion of certain courses, intended to indicate the quantity of course instruction in relation to the total requirements for a diploma, certificate, or degree. Credits are frequently expressed in terms such as "Carnegie units," "semester credit hours," and "quarter credit hours."

**Current dollars** Dollar amounts that have not been adjusted to compensate for inflation.

**Current expenditures (elementary/secondary)** The expenditures for operating local public schools, excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, benefits, student transportation, school books and materials, and energy costs. Beginning in 1980–81, expenditures for state administration are excluded.

**Instruction expenditures** Includes expenditures for activities related to the interaction between teacher and students. Includes salaries and benefits for teachers and instructional aides, textbooks, supplies, and purchased services such as instruction via television. Also included are tuition expenditures to other local education agencies.

**Administration expenditures** Includes expenditures for school administration (i.e., the office of the principal, full-time department chairpersons, and graduation expenses), general administration (the superintendent and board of education and their immediate staff), and other support services expenditures.

**Transportation** Includes expenditures for vehicle operation, monitoring, and vehicle servicing and maintenance.

**Food services** Includes all expenditures associated with providing food to students and staff in a school or school district. The services include preparing and serving regular and incidental meals or snacks in connection with school activities, as well as the delivery of food to schools.

**Enterprise operations** Includes expenditures for activities that are financed, at least in part, by user charges, similar to a private business. These include operations funded by sales of products or services, together with amounts for direct program support made by state education agencies for local school districts.

**Current expenditures per pupil in average daily attendance** Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

**Current-fund expenditures (postsecondary education)** Money spent to meet current operating costs, including salaries, wages, utilities, student services, public services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and independent operations; excludes loans, capital expenditures, and investments.

**Current-fund revenues (postsecondary education)** Money received during the current fiscal year from revenue which can be used to pay obligations currently due, and surpluses reappropriated for the current fiscal year.

**Deaf-blindness** See Disabilities, children with.

**Deafness** See Disabilities, children with.

**Default rate** The percentage of loans that are in delinquency and have not been repaid according to the terms of the loan. According to the federal government, a federal student loan is in default if there has been no payment on the loan in 270 days. The Department of Education calculates a 2-year cohort default rate, which is the percentage of students who entered repayment in a given fiscal year (from October 1 to September 30) and then defaulted within the following two fiscal years.

**Degree** An award conferred by a college, university, or other postsecondary education institution as official recognition for the successful completion of a program of studies. Refers specifically to associate's or higher degrees conferred by degree-granting institutions. See also Associate's degree, Bachelor's degree, Master's degree, and Doctor's degree.

**Degree/certificate-seeking student** A student enrolled in courses for credit and recognized by the institution as seeking a degree, certificate, or other formal award. High school students also enrolled in postsecondary courses for credit are not considered degree/certificate-seeking. See also Degree and Certificate.

**Degree-granting institutions** Postsecondary institutions that are eligible for Title IV federal financial aid programs and grant an associate's or higher degree. For an institution to be eligible to participate in Title IV financial aid programs it must offer a program of at least 300 clock hours in length, have accreditation recognized by the U.S. Department of Education, have been in business for at least 2 years, and have signed a participation agreement with the Department.

**Degrees of freedom** The number of free or linearly independent sample observations used in the calculation of a statistic. In a time series regression with  $t$  time periods and  $k$  independent variables including a constant term, there would be  $t$  minus  $k$  degrees of freedom.

**Department of Defense (DoD) dependents schools** Schools that are operated by the Department of Defense Education Activity (a civilian agency of the U.S. Department of Defense) and provide comprehensive prekindergarten through 12th-grade educational programs on military installations both within the United States and overseas.

**Dependency status** A designation of whether postsecondary students are financially dependent on their parents or financially independent of their parents. Undergraduates are assumed to be dependent unless they meet one of the following criteria: are age 24 or older, are married or have legal dependents other than a spouse, are veterans, are orphans or wards of the court, or provide documentation that they self-supporting.

**Dependent variable** A mathematical variable whose value is determined by that of one or more other variables in a function. In regression analysis, when a random variable,  $y$ , is expressed as a function of variables  $x_1, x_2, \dots, x_k$ , plus a stochastic term, then  $y$  is known as the "dependent variable."

**Disabilities, children with** Those children evaluated as having any of the following impairments and needing special education and related services because of these impairments. (These definitions apply specifically to data from the U.S. Office of Special Education and Rehabilitative Services presented in this publication.)



**Deaf-blindness** Having concomitant hearing and visual impairments which cause such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

**Deafness** Having a hearing impairment which is so severe that the student is impaired in processing linguistic information through hearing (with or without amplification) and which adversely affects educational performance.

**Hearing impairment** Having a hearing impairment, whether permanent or fluctuating, which adversely affects the student's educational performance, but which is not included under the definition of "deaf" in this section.

**Intellectual disability** Having significantly subaverage general intellectual functioning, existing concurrently with defects in adaptive behavior and manifested during the developmental period, which adversely affects the child's educational performance.

**Multiple disabilities** Having concomitant impairments (such as intellectually disabled-blind, intellectually disabled-orthopedically impaired, etc.), the combination of which causes such severe educational problems that the student cannot be accommodated in special education programs solely for one of the impairments. Term does not include deaf-blind students.

**Orthopedic impairment** Having a severe orthopedic impairment which adversely affects a student's educational performance. The term includes impairment resulting from congenital anomaly, disease, or other causes.

**Other health impairment** Having limited strength, vitality, or alertness due to chronic or acute health problems, such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes which adversely affect the student's educational performance.

**Serious emotional disturbance** Exhibiting one or more of the following characteristics over a long period of time, to a marked degree, and adversely affecting educational performance: an inability to learn which cannot be explained by intellectual, sensory, or health factors; an inability to build or maintain satisfactory interpersonal relationships with peers and teachers; inappropriate types of behavior or feelings under normal circumstances; a general pervasive mood of unhappiness or depression; or a tendency to develop physical symptoms or fears associated with personal or school problems. This term does not include children who are socially maladjusted, unless they also display one or more of the listed characteristics.

**Specific learning disability** Having a disorder in one or more of the basic psychological processes involved in understanding or in using spoken or written language, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes such conditions as perceptual dis-

abilities, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems which are primarily the result of visual, hearing, or environmental, cultural, or economic disadvantage.

**Speech/language impairment** Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, which adversely affects the student's educational performance.

**Visual impairment** Having a visual impairment which, even with correction, adversely affects the student's educational performance. The term includes partially seeing and blind children.

**Discipline divisions** Degree programs that include breakouts to the 6-digit level of the Classification of Instructional Programs (CIP). See also Fields of study.

**Disposable personal income** Current income received by people less their contributions for social insurance, personal tax, and nontax payments. It is the income available to people for spending and saving. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by the government. See also Personal income.

**Doctor's degree** The highest award a student can earn for graduate study. Includes such degrees as the Doctor of Education (Ed.D.); the Doctor of Juridical Science (S.J.D.); the Doctor of Public Health (Dr.P.H.); and the Doctor of Philosophy (Ph.D.) in any field, such as agronomy, food technology, education, engineering, public administration, ophthalmology, or radiology. The doctor's degree classification encompasses three main subcategories—research/scholarship degrees, professional practice degrees, and other degrees—which are described below.

**Doctor's degree—research/scholarship** A Ph.D. or other doctor's degree that requires advanced work beyond the master's level, including the preparation and defense of a dissertation based on original research, or the planning and execution of an original project demonstrating substantial artistic or scholarly achievement. Examples of this type of degree may include the following and others, as designated by the awarding institution: the Ed.D. (in education), D.M.A. (in musical arts), D.B.A. (in business administration), D.Sc. (in science), D.A. (in arts), or D.M. (in medicine).

**Doctor's degree—professional practice** A doctor's degree that is conferred upon completion of a program providing the knowledge and skills for the recognition, credential, or license required for professional practice. The degree is awarded after a period of study such that the total time to the degree, including both preprofessional and professional preparation, equals at least 6 full-time-equivalent academic years. Some doctor's degrees of this type were formerly classified as first-professional degrees. Examples of this type of degree may include the

following and others, as designated by the awarding institution: the D.C. or D.C.M. (in chiropractic); D.D.S. or D.M.D. (in dentistry); LL.B. or J.D. (in law); M.D. (in medicine); O.D. (in optometry); D.O. (in osteopathic medicine); Pharm.D. (in pharmacy); D.P.M., Pod.D., or D.P. (in podiatry); or D.V.M. (in veterinary medicine).

**Doctor's degree—other** A doctor's degree that does not meet the definition of either a doctor's degree—research/scholarship or a doctor's degree—professional practice.

**Double exponential smoothing** A method that takes a single smoothed average component of demand and smooths it a second time to allow for estimation of a trend effect.

**Dropout** The term is used to describe both the event of leaving school before completing high school and the status of an individual who is not in school and who is not a high school completer. High school completers include both graduates of school programs as well as those completing high school through equivalency programs such as the General Educational Development (GED) program. Transferring from a public school to a private school, for example, is not regarded as a dropout event. A person who drops out of school may later return and graduate but is called a “dropout” at the time he or she leaves school. Measures to describe these behaviors include the event dropout rate (or the closely related school persistence rate), the status dropout rate, and the high school completion rate.

**Durbin-Watson statistic** A statistic testing the independence of errors in least squares regression against the alternative of first-order serial correlation. The statistic is a simple linear transformation of the first-order serial correlation of residuals and, although its distribution is unknown, it is tested by bounding statistics that follow R. L. Anderson's distribution.

**Early childhood school** Early childhood program schools serve students in prekindergarten, kindergarten, transitional (or readiness) kindergarten, and/or transitional first (or pre-first) grade.

**Econometrics** The quantitative examination of economic trends and relationships using statistical techniques, and the development, examination, and refinement of those techniques.

**Education specialist/professional diploma** A certificate of advanced graduate studies that advance educators in their instructional and leadership skills beyond a master's degree level of competence.

**Educational and general expenditures** The sum of current funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds.

**Educational attainment** The highest grade of regular school attended and completed.

**Educational attainment (Current Population Survey)** This measure uses March CPS data to estimate the percentage of civilian, noninstitutionalized people who have achieved certain levels of educational attainment. Estimates of educational attainment do not differentiate between those who graduated from public schools, those who graduated from private schools, and those who earned a GED; these estimates also include individuals who earned their credential or completed their highest level of education outside of the United States.

**1972–1991** During this period, an individual's educational attainment was considered to be his or her last fully completed year of school. Individuals who completed 12 years of schooling were deemed to be high school graduates, as were those who began but did not complete the first year of college. Respondents who completed 16 or more years of schooling were counted as college graduates.

**1992–present** Beginning in 1992, CPS asked respondents to report their highest level of school completed or their highest degree received. This change means that some data collected before 1992 are not strictly comparable with data collected from 1992 onward and that care must be taken when making comparisons across years. The revised survey question emphasizes credentials received rather than the last grade level attended or completed. The new categories include the following:

- High school graduate, high school diploma, or the equivalent (e.g., GED)
- Some college but no degree
- Associate's degree in college, occupational/vocational program
- Associate's degree in college, academic program (e.g., A.A., A.S., A.A.S.)
- Bachelor's degree (e.g., B.A., A.B., B.S.)
- Master's degree (e.g., M.A., M.S., M.Eng., M.Ed., M.S.W., M.B.A.)
- Professional school degree (e.g., M.D., D.D.S., D.V.M., LL.B., J.D.)
- Doctor's degree (e.g., Ph.D., Ed.D.)

**Elementary education/programs** Learning experiences concerned with the knowledge, skills, appreciations, attitudes, and behavioral characteristics which are considered to be needed by all pupils in terms of their awareness of life within our culture and the world of work, and which normally may be achieved during the elementary school years (usually kindergarten through grade 8 or kindergarten through grade 6), as defined by applicable state laws and regulations.

**Elementary school** A school classified as elementary by state and local practice and composed of any span of grades not above grade 8.

**Elementary/secondary school** Includes only schools that are part of state and local school systems, and also most non-profit private elementary/secondary schools, both religiously affiliated and nonsectarian. Includes regular, alternative, vocational, and special education schools. U.S. totals exclude federal schools for American Indians, and federal schools on military posts and other federal installations.

**Employees in degree-granting institutions** Persons employed by degree-granting institutions, who are classified into the following occupational categories in this publication:

**Executive/administrative/managerial staff** Employees whose assignments require management of the institution or of a customarily recognized department or subdivision thereof. These employees perform work that is directly related to management policies or general business operations and that requires them to exercise discretion and independent judgment.

**Faculty (instruction/research/public service)** Employees whose principal activities are for the purpose of providing instruction or teaching, research, or public service. These employees may hold such titles as professor, associate professor, assistant professor, instructor, or lecturer. Graduate assistants are not included in this category.

**Graduate assistants** Graduate-level students who are employed on a part-time basis for the primary purpose of assisting in classroom or laboratory instruction or in the conduct of research.

**Nonprofessional staff** Employees whose primary activities can be classified as one of the following: technical and paraprofessional work (which generally requires less formal training and experience than required for professional status); clerical and secretarial work; skilled crafts work; or service/maintenance work.

**Other professional staff** Employees who perform academic support, student service, and institutional support and who need either a degree at the bachelor's or higher level or experience of such kind and amount as to provide a comparable background.

**Professional staff** Employees who are classified as executive/administrative/managerial staff, faculty, graduate assistants, or other professional staff.

**Employment** Includes civilian, noninstitutional people who: (1) worked during any part of the survey week as paid employees; worked in their own business, profession, or farm; or worked 15 hours or more as unpaid workers in a family-owned enterprise; or (2) were not working but had jobs or businesses from which they were temporarily absent due to illness, bad weather, vacation, labor-management dispute, or personal reasons whether or not they were seeking another job.

**Employment (Current Population Survey)** According to the October Current Population Survey (CPS), employed persons are persons age 16 or older who, during the reference week, (1) did any work at all (at least 1 hour) as paid

employees or (2) were not working but had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, child care problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

**Employment status** A classification of individuals as employed (either full or part time), unemployed (looking for work or on layoff), or not in the labor force (due to being retired, having unpaid employment, or some other reason).

**Endowment** A trust fund set aside to provide a perpetual source of revenue from the proceeds of the endowment investments. Endowment funds are often created by donations from benefactors of an institution, who may designate the use of the endowment revenue. Normally, institutions or their representatives manage the investments, but they are not permitted to spend the endowment fund itself, only the proceeds from the investments. Typical uses of endowments would be an endowed chair for a particular department or for a scholarship fund. Endowment totals tabulated in this book also include funds functioning as endowments, such as funds left over from the previous year and placed with the endowment investments by the institution. These funds may be withdrawn by the institution and spent as current funds at any time. Endowments are evaluated by two different measures, book value and market value. Book value is the purchase price of the endowment investment. Market value is the current worth of the endowment investment. Thus, the book value of a stock held in an endowment fund would be the purchase price of the stock. The market value of the stock would be its selling price as of a given day.

**Engineering** Instructional programs that describe the mathematical and natural science knowledge gained by study, experience, and practice and applied with judgment to develop ways to utilize the materials and forces of nature economically. Include programs that prepare individuals to support and assist engineers and similar professionals.

**English** A group of instructional programs that describes the English language arts, including composition, creative writing, and the study of literature.

**English language learner (ELL)** An individual who, due to any of the reasons listed below, has sufficient difficulty speaking, reading, writing, or understanding the English language to be denied the opportunity to learn successfully in classrooms where the language of instruction is English or to participate fully in the larger U.S. society. Such an individual (1) was not born in the United States or has a native language other than English; (2) comes from environments where a language other than English is dominant; or (3) is an American Indian or Alaska Native and comes from environments where a language other than English has had a significant impact on the individual's level of English language proficiency.

**Enrollment** The total number of students registered in a given school unit at a given time, generally in the fall of a year.

**Estimate** A numerical value obtained from a statistical sample and assigned to a population parameter. The particular value yielded by an estimator in a given set of circumstances or the rule by which such particular values are calculated.

**Estimating equation** An equation involving observed quantities and an unknown that serves to estimate the latter.

**Estimation** Estimation is concerned with inference about the numerical value of unknown population values from incomplete data, such as a sample. If a single figure is calculated for each unknown parameter, the process is called point estimation. If an interval is calculated within which the parameter is likely, in some sense, to lie, the process is called interval estimation.

**Executive/administrative/managerial staff** See Employees in degree-granting institutions.

**Expenditures, Total** For elementary/secondary schools, these include all charges for current outlays plus capital outlays and interest on school debt. For degree-granting institutions, these include current outlays plus capital outlays. For government, these include charges net of recoveries and other correcting transactions other than for retirement of debt, investment in securities, extension of credit, or as agency transactions. Government expenditures include only external transactions, such as the provision of perquisites or other payments in kind. Aggregates for groups of governments exclude intergovernmental transactions among the governments.

**Expenditures per pupil** Charges incurred for a particular period of time divided by a student unit of measure, such as average daily attendance or fall enrollment.

**Exponential smoothing** A method used in time series analysis to smooth or to predict a series. There are various forms, but all are based on the supposition that more remote history has less importance than more recent history.

**Extracurricular activities** Activities that are not part of the required curriculum and that take place outside of the regular course of study. They include both school-sponsored (e.g., varsity athletics, drama, and debate clubs) and community-sponsored (e.g., hobby clubs and youth organizations like the Junior Chamber of Commerce or Boy Scouts) activities.

**Faculty (instruction/research/public service)** See Employees in degree-granting institutions.

**Family** A group of two or more people (one of whom is the householder) related by birth, marriage, or adoption and residing together. All such people (including related subfamily members) are considered as members of one family.

**Family income** Includes all monetary income from all sources (including jobs, businesses, interest, rent, and social security payments) over a 12-month period. The income of nonrelatives living in the household is excluded, but the income of all family members age 15 or older (age 14 or older in years prior to 1989), including those temporarily living outside of the household, is included. In the October CPS, family income is determined from a single question asked of the household respondent.

**Federal funds** Amounts collected and used by the federal government for the general purposes of the government. There are four types of federal fund accounts: the general fund, special funds, public enterprise funds, and intragovernmental funds. The major federal fund is the general fund, which is derived from general taxes and borrowing. Federal funds also include certain earmarked collections, such as those generated by and used to finance a continuing cycle of business-type operations.

**Federal sources (postsecondary degree-granting institutions)** Includes federal appropriations, grants, and contracts, and federally-funded research and development centers (FFRDCs). Federally subsidized student loans are not included.

**Fields of study** The primary field of concentration in postsecondary certificates and degrees. In the Integrated Postsecondary Education Data System (IPEDS), refers to degree programs that are broken out only to the 2-digit level of the Classification of Instructional Programs (CIP). See also Discipline divisions.

**Financial aid** Grants, loans, assistantships, scholarships, fellowships, tuition waivers, tuition discounts, veteran's benefits, employer aid (tuition reimbursement), and other monies (other than from relatives or friends) provided to students to help them meet expenses. Except where designated, includes Title IV subsidized and unsubsidized loans made directly to students.

**First-order serial correlation** When errors in one time period are correlated directly with errors in the ensuing time period.

**First-professional degree** NCES no longer uses this classification. Most degrees formerly classified as first-professional (such as M.D., D.D.S., Pharm.D., D.V.M., and J.D.) are now classified as doctor's degrees—professional practice. However, master's of divinity degrees are now classified as master's degrees.

**First-time student (undergraduate)** A student who has no prior postsecondary experience (except as noted below) attending any institution for the first time at the undergraduate level. Includes students enrolled in the fall term who attended college for the first time in the prior summer term, and students who entered with advanced standing (college credits earned before graduation from high school).

**Fiscal year** A period of 12 months for which accounting records are compiled. Institutions and states may designate their own accounting period, though most states use a July 1 through June 30 accounting year. The yearly accounting period for the federal government begins on October 1 and ends on the following September 30. The fiscal year is designated by the calendar year in which it ends; e.g., fiscal year 2006 begins on October 1, 2005, and ends on September 30, 2006. (From fiscal year 1844 to fiscal year 1976, the federal fiscal year began on July 1 and ended on the following June 30.)

**Forecast** An estimate of the future based on rational study and analysis of available pertinent data, as opposed to subjective prediction.

**Forecasting** Assessing the magnitude that a quantity will assume at some future point in time, as distinct from “estimation,” which attempts to assess the magnitude of an already existent quantity.

**Foreign languages** A group of instructional programs that describes the structure and use of language that is common or indigenous to people of a given community or nation, geographical area, or cultural traditions. Programs cover such features as sound, literature, syntax, phonology, semantics, sentences, prose, and verse, as well as the development of skills and attitudes used in communicating and evaluating thoughts and feelings through oral and written language.

**For-profit institution** A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

**Free or reduced-price lunch** See National School Lunch Program.

**Full-time enrollment** The number of students enrolled in postsecondary education courses with total credit load equal to at least 75 percent of the normal full-time course load. At the undergraduate level, full-time enrollment typically includes students who have a credit load of 12 or more semester or quarter credits. At the postbaccalaureate level, full-time enrollment includes students who typically have a credit load of 9 or more semester or quarter credits, as well as other students who are considered full time by their institutions.

**Full-time-equivalent (FTE) enrollment** For postsecondary institutions, enrollment of full-time students, plus the full-time equivalent of part-time students. The full-time equivalent of the part-time students is estimated using different factors depending on the type and control of institution and level of student.

**Full-time-equivalent (FTE) staff** Full-time staff, plus the full-time equivalent of the part-time staff.

**Full-time-equivalent teacher** See Instructional staff.

**Full-time instructional faculty** Those members of the instruction/research staff who are employed full time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; those academic officers whose primary duties are administrative; and graduate students who assist in the instruction of courses.

**Full-time worker** In educational institutions, an employee whose position requires being on the job on school days throughout the school year at least the number of hours the schools are in session. For higher education, a member of an educational institution’s staff who is employed full time, as defined by the institution.

**Function** A mathematical correspondence that assigns exactly one element of one set to each element of the same or another set. A variable that depends on and varies with another.

**Functional form** A mathematical statement of the relationship among the variables in a model.

**General administration support services** Includes salary, benefits, supplies, and contractual fees for boards of education staff and executive administration. Excludes state administration.

**General Educational Development (GED) program** Academic instruction to prepare people to take the high school equivalency examination. See also GED recipient.

**GED certificate** This award is received following successful completion of the General Educational Development (GED) test. The GED program—sponsored by the GED Testing Service (a joint venture of the American Council on Education and Pearson)—enables individuals to demonstrate that they have acquired a level of learning comparable to that of high school graduates. See also High school equivalency certificate.

**GED recipient** A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person’s achievement or performance in the broad subject matter areas usually required for high school graduation.

**General program** A program of studies designed to prepare students for the common activities of a citizen, family member, and worker. A general program of studies may include instruction in both academic and vocational areas.

**Geographic region** One of the four regions of the United States used by the U.S. Census Bureau, as follows:

**Northeast**

Connecticut (CT)  
Maine (ME)  
Massachusetts (MA)  
New Hampshire (NH)  
New Jersey (NJ)  
New York (NY)  
Pennsylvania (PA)  
Rhode Island (RI)  
Vermont (VT)

**Midwest**

Illinois (IL)  
Indiana (IN)  
Iowa (IA)  
Kansas (KS)  
Michigan (MI)  
Minnesota (MN)  
Missouri (MO)  
Nebraska (NE)  
North Dakota (ND)  
Ohio (OH)  
South Dakota (SD)  
Wisconsin (WI)

**South**

Alabama (AL)  
Arkansas (AR)  
Delaware (DE)  
District of Columbia (DC)  
Florida (FL)  
Georgia (GA)  
Kentucky (KY)  
Louisiana (LA)  
Maryland (MD)  
Mississippi (MS)  
North Carolina (NC)  
Oklahoma (OK)  
South Carolina (SC)  
Tennessee (TN)  
Texas (TX)  
Virginia (VA)  
West Virginia (WV)

**West**

Alaska (AK)  
Arizona (AZ)  
California (CA)  
Colorado (CO)  
Hawaii (HI)  
Idaho (ID)  
Montana (MT)  
Nevada (NV)  
New Mexico (NM)  
Oregon (OR)  
Utah (UT)  
Washington (WA)  
Wyoming (WY)

**Government appropriation** An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

**Government grant or contract** Revenues received by a post-secondary institution from a government agency for a specific research project or other program. Examples are research projects, training programs, and student financial assistance.

**Graduate** An individual who has received formal recognition for the successful completion of a prescribed program of studies.

**Graduate assistants** See Employees in degree-granting institutions.

**Graduate enrollment** The number of students who are working towards a master's or doctor's degree and students who are in postbaccalaureate classes but not in degree programs.

**Graduate Record Examination (GRE)** Multiple-choice examinations administered by the Educational Testing Service and taken by college students who are intending to attend certain graduate schools. There are two types of testing available: (1) the general exam which measures critical thinking, analytical writing, verbal reasoning, and quantitative reasoning skills, and (2) the subject test which is offered in eight specific subjects and gauges undergraduate achievement in a specific field. The subject tests are intended for those who have majored in or have extensive background in that specific area.

**Graduation** Formal recognition given to an individual for the successful completion of a prescribed program of studies.

**Gross domestic product (GDP)** The total national output of goods and services valued at market prices. GDP can be viewed in terms of expenditure categories which include purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing.

**Group quarters** Living arrangements where people live or stay in a group situation that is owned or managed by an entity or organization providing housing and/or services for the residents. Group quarters include such places as college residence halls, residential treatment centers, skilled nursing facilities, group homes, military barracks, correctional facilities, and workers' dormitories.

**Noninstitutionalized group quarters** Include college and university housing, military quarters, facilities for workers and religious groups, and temporary shelters for the homeless.

**Institutionalized group quarters** Include adult and juvenile correctional facilities, nursing facilities, and other health care facilities.

**Handicapped** See Disabilities, children with.

**Head Start** A local public or private nonprofit or for-profit entity authorized by the Department of Health and Human Services' Administration for Children and Families to operate a Head Start program to serve children age 3 to compulsory school age, pursuant to section 641(b) and (d) of the Head Start Act.

**Hearing impairment** See Disabilities, children with.

**High school** A secondary school offering the final years of high school work necessary for graduation, usually includes grades 10, 11, 12 (in a 6-3-3 plan) or grades 9, 10, 11, and 12 (in a 6-2-4 plan).

**High school (2007–08 Schools and Staffing Survey)** A school with no grade lower than 7 and at least one grade higher than 8.

**High school completer** An individual who has been awarded a high school diploma or an equivalent credential, including a General Educational Development (GED) certificate.

**High school diploma** A formal document regulated by the state certifying the successful completion of a prescribed secondary school program of studies. In some states or communities, high school diplomas are differentiated by type, such as an academic diploma, a general diploma, or a vocational diploma.

**High school equivalency certificate** A formal document certifying that an individual has met the state requirements for high school graduation equivalency by obtaining satisfactory scores on an approved examination and meeting other performance requirements (if any) set by a state education agency or other appropriate body. One particular version of this certificate is the General Educational Development (GED) test. The GED test is a comprehensive test used primarily to appraise the educational development of students who have not completed their formal high school education and who may earn a high school equivalency certificate by achieving satisfactory scores. GEDs are awarded by the states or other agencies, and the test is developed and distributed by the GED Testing Service (a joint venture of the American Council on Education and Pearson).

**High school program** A program of studies designed to prepare students for employment and postsecondary education. Three types of programs are often distinguished—academic, vocational, and general. An academic program is designed to prepare students for continued study at a college or university. A vocational program is designed to prepare students for employment in one or more semiskilled, skilled, or technical occupations. A general program is designed to provide students with the understanding and competence to function effectively in a free society and usually represents a mixture of academic and vocational components.

**Higher education** Study beyond secondary school at an institution that offers programs terminating in an associate's, bachelor's, or higher degree.

**Higher education institutions (basic classification and Carnegie classification)** See Postsecondary institutions (basic classification by level) and Postsecondary institutions (Carnegie classification of degree-granting institutions).

**Higher Education Price Index** A price index which measures average changes in the prices of goods and services purchased by colleges and universities through current-fund education and general expenditures (excluding expenditures for sponsored research and auxiliary enterprises).

**Hispanic serving institutions** Pursuant to 302 (d) of Public Law 102-325 (20 U.S.C. 1059c), most recently amended December 20, 1993, in 2(a)(7) of Public Law 103-208, where Hispanic serving institutions are defined as those with full-time-equivalent undergraduate enrollment of Hispanic students at 25 percent or more.

**Historically black colleges and universities** Accredited institutions of higher education established prior to 1964 with the principal mission of educating black Americans. Federal regulations (20 USC 1061 (2)) allow for certain exceptions of the founding date.

**Hours worked per week** According to the October CPS, the number of hours a respondent worked in all jobs in the week prior to the survey interview.

**Household** All the people who occupy a housing unit. A house, an apartment, a mobile home, a group of rooms, or a single room is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other people in the structure, and there is direct access from the outside or through a common hall.

**Housing unit** A house, an apartment, a mobile home, a group of rooms, or a single room that is occupied as separate living quarters.

**Income tax** Taxes levied on net income, that is, on gross income less certain deductions permitted by law. These taxes can be levied on individuals or on corporations or unincorporated businesses where the income is taxed distinctly from individual income.

**Independent operations** A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category is composed principally of federally funded research and development centers (FFRDC).

**Independent variable** In regression analysis, a random variable,  $y$ , is expressed as a function of variables  $x_1, x_2, \dots, x_k$ , plus a stochastic term; the  $x$ 's are known as "independent variables."

**Individuals with Disabilities Education Act (IDEA)** IDEA is a federal law requiring services to children with disabilities throughout the nation. IDEA governs how states and public agencies provide early intervention, special education, and related services to eligible infants, toddlers, children, and youth with disabilities. Infants and toddlers with disabilities (birth–age 2) and their families receive early intervention services under IDEA, Part C. Children and youth (ages 3–21) receive special education and related services under IDEA, Part B.

**Inflation** A rise in the general level of prices of goods and services in an economy over a period of time, which generally corresponds to a decline in the real value of money or a loss of purchasing power. See also Constant dollars and Purchasing Power Parity indexes.

**Institutional support** The category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations, and community relations.

**Instruction (colleges and universities)** That functional category including expenditures of the colleges, schools, departments, and other instructional divisions of higher education institutions and expenditures for departmental research and public service which are not separately budgeted; includes expenditures for both credit and noncredit activities. Excludes expenditures for academic administration where the primary function is administration (e.g., academic deans).

**Instruction (elementary and secondary)** Instruction encompasses all activities dealing directly with the interaction between teachers and students. Teaching may be provided for students in a school classroom, in another location such as a home or hospital, and in other learning situations such as those involving co-curricular activities. Instruction may be provided through some other approved medium, such as the Internet, television, radio, telephone, and correspondence.

**Instructional staff** Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. In local schools, includes all public elementary and secondary (junior and senior high) day-school positions that are in the nature of teaching or in the improvement of the teaching-learning situation; includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff, and excludes administrative staff, attendance personnel, clerical personnel, and junior college staff.

**Instructional support services** Includes salary, benefits, supplies, and contractual fees for staff providing instructional improvement, educational media (library and audiovisual), and other instructional support services.

**Intellectual disability** See Disabilities, children with.

**Interest on debt** Includes expenditures for long-term debt service interest payments (i.e., those longer than 1 year).

**International baccalaureate (IB)** A recognized international program of primary, middle, and secondary studies leading to the International Baccalaureate (IB) Diploma. This diploma (or certificate) is recognized in Europe and elsewhere as qualifying holders for direct access to university studies. Schools offering the IB program are approved by the International Baccalaureate Organization (IBO) and their regional office and may use IBO instructional materials, local school materials, or a combination.

**International finance data** Include data on public and private expenditures for educational institutions. Educational institutions directly provide instructional programs (i.e., teaching) to individuals in an organized group setting or through distance education. Business enterprises or other institutions that provide short-term courses of training or instruction to individuals on a “one-to-one” basis are not included. Where noted, international finance data may also include publicly subsidized spending on education-related purchases, such as school books, living costs, and transportation.

**Public expenditures** Corresponds to the nonrepayable current and capital expenditures of all levels of the government directly related to education. Expenditures that are not directly related to education (e.g., cultures, sports, youth activities) are, in principle, not included. Expenditures on education by other ministries or equivalent institutions (e.g., Health and Agriculture) are included. Public subsidies for students’ living expenses are excluded to ensure international comparability of the data.

**Private expenditures** Refers to expenditures funded by private sources (i.e., households and other private entities). “Households” means students and their families. “Other private entities” includes private business firms and nonprofit organizations, including religious organizations, charitable organizations, and business and labor associations. Private expenditures are composed of school fees, the cost of materials (such as textbooks and teaching equipment), transportation costs (if organized by the school), the cost of meals (if provided by the school), boarding fees, and expenditures by employers on initial vocational training.

**Current expenditures** Includes final consumption expenditures (e.g., compensation of employees, consumption of intermediate goods and services, consumption of fixed capital, and military expenditures); property income paid; subsidies; and other current transfers paid.

**Capital expenditures** Includes spending to acquire and improve fixed capital assets, land, intangible assets, government stocks, and nonmilitary, nonfinancial assets, as well as spending to finance net capital transfers.

**International Standard Classification of Education (ISCED)** Used to compare educational systems in different countries. ISCED is the standard used by many countries to report education statistics to the United Nations Educational, Scientific, and Cultural Organization (UNESCO) and the Organization for Economic Cooperation and Development (OECD). ISCED divides educational systems into the following seven categories, based on six levels of education.

**ISCED Level 0** Education preceding the first level (early childhood education) usually begins at age 3, 4, or 5 (sometimes earlier) and lasts from 1 to 3 years, when it is provided. In the United States, this level includes nursery school and kindergarten.



**ISCED Level 1** Education at the first level (primary or elementary education) usually begins at age 5, 6, or 7 and continues for about 4 to 6 years. For the United States, the first level starts with 1st grade and ends with 6th grade.

**ISCED Level 2** Education at the second level (lower secondary education) typically begins at about age 11 or 12 and continues for about 2 to 6 years. For the United States, the second level starts with 7th grade and typically ends with 9th grade. Education at the lower secondary level continues the basic programs of the first level, although teaching is typically more subject focused, often using more specialized teachers who conduct classes in their field of specialization. The main criterion for distinguishing lower secondary education from primary education is whether programs begin to be organized in a more subject-oriented pattern, using more specialized teachers conducting classes in their field of specialization. If there is no clear breakpoint for this organizational change, lower secondary education is considered to begin at the end of 6 years of primary education. In countries with no clear division between lower secondary and upper secondary education, and where lower secondary education lasts for more than 3 years, only the first 3 years following primary education are counted as lower secondary education.

**ISCED Level 3** Education at the third level (upper secondary education) typically begins at age 15 or 16 and lasts for approximately 3 years. In the United States, the third level starts with 10th grade and ends with 12th grade. Upper secondary education is the final stage of secondary education in most OECD countries. Instruction is often organized along subject-matter lines, in contrast to the lower secondary level, and teachers typically must have a higher level, or more subject-specific, qualification. There are substantial differences in the typical duration of programs both across and between countries, ranging from 2 to 5 years of schooling. The main criteria for classifications are (1) national boundaries between lower and upper secondary education and (2) admission into educational programs, which usually requires the completion of lower secondary education or a combination of basic education and life experience that demonstrates the ability to handle the subject matter in upper secondary schools.

**ISCED Level 4** Education at the fourth level (postsecondary nontertiary education) straddles the boundary between secondary and postsecondary education. This program of study, which is primarily vocational in nature, is generally taken after the completion of secondary school and typically lasts from 6 months to 2 years. Although the content of these programs may not be significantly more advanced than upper secondary programs, these programs serve to broaden the knowledge of participants who have already gained an upper secondary qualification.

**ISCED Level 5** Education at the fifth level (first stage of tertiary education) includes programs with more advanced content than those offered at the two previous levels. Entry into programs at the fifth level normally requires successful completion of either of the two previous levels.

**ISCED Level 5A** Tertiary-type A programs provide an education that is largely theoretical and is intended to provide sufficient qualifications for gaining entry into advanced research programs and professions with high skill requirements. Entry into these programs normally requires the successful completion of an upper secondary education; admission is competitive in most cases. The minimum cumulative theoretical duration at this level is 3 years of full-time enrollment. In the United States, tertiary-type A programs include first university programs that last approximately 4 years and lead to the award of a bachelor's degree and second university programs that lead to a master's degree.

**ISCED Level 5B** Tertiary-type B programs are typically shorter than tertiary-type A programs and focus on practical, technical, or occupational skills for direct entry into the labor market, although they may cover some theoretical foundations in the respective programs. They have a minimum duration of 2 years of full-time enrollment at the tertiary level. In the United States, such programs are often provided at community colleges and lead to an associate's degree.

**ISCED Level 6** Education at the sixth level (advanced research qualification) is provided in graduate and professional schools that generally require a university degree or diploma as a minimum condition for admission. Programs at this level lead to the award of an advanced, postgraduate degree, such as a Ph.D. The theoretical duration of these programs is 3 years of full-time enrollment in most countries (for a cumulative total of at least 7 years at levels five and six), although the length of the actual enrollment is often longer. Programs at this level are devoted to advanced study and original research.

**Interpolation** See Linear interpolation.

**Junior high school** A separately organized and administered secondary school intermediate between the elementary and senior high schools, usually includes grades 7, 8, and 9 (in a 6-3-3 plan) or grades 7 and 8 (in a 6-2-4 plan).

**Labor force** People employed (either full time or part time) as civilians, unemployed but looking for work, or in the armed services during the survey week. The "civilian labor force" comprises all civilians classified as employed or unemployed. See also Unemployed.

**Lag** An event occurring at time  $t + k$  ( $k > 0$ ) is said to lag behind an event occurring at time  $t$ , the extent of the lag being  $k$ . An event occurring  $k$  time periods before another may be regarded as having a negative lag.

**Land-grant colleges** The First Morrill Act of 1862 facilitated the establishment of colleges through grants of land or funds in lieu of land. The Second Morrill Act in 1890 provided for money grants and for the establishment of land-grant colleges and universities for blacks in those states with dual systems of higher education.

**Lead time** When forecasting a statistic, the number of time periods since the last time period of actual data for that statistic used in producing the forecast.

**Level of school** A classification of elementary/secondary schools by instructional level. Includes elementary schools, secondary schools, and combined elementary and secondary schools. See also Elementary school, Secondary school, and Combined elementary and secondary school.

**Limited-English proficient** Refers to an individual who was not born in the United States and whose native language is a language other than English, or who comes from an environment where a language other than English has had a significant impact on the individual's level of English language proficiency. It may also refer to an individual who is migratory, whose native language is a language other than English, and who comes from an environment where a language other than English is dominant; and whose difficulties in speaking, reading, writing, or understanding the English language may be sufficient to deny the individual the ability to meet the state's proficient level of achievement on state assessments as specified under the No Child Left Behind Act, the ability to successfully achieve in classrooms where the language of instruction is English, or the opportunity to participate fully in society. See also English language learner.

**Linear interpolation** A method that allows the prediction of an unknown value if any two particular values on the same scale are known and the rate of change is assumed constant.

**Local education agency (LEA)** See School district.

**Locale codes** A classification system to describe a type of location. The "Metro-Centric" locale codes, developed in the 1980s, classified all schools and school districts based on their county's proximity to a Metropolitan Statistical Area (MSA) and their specific location's population size and density. In 2006, the "Urban-Centric" locale codes were introduced. These locale codes are based on an address's proximity to an urbanized area. For more information see [http://nces.ed.gov/ccd/rural\\_locales.asp](http://nces.ed.gov/ccd/rural_locales.asp).

#### **Pre-2006 Metro-Centric Locale Codes**

**Large City:** A central city of a consolidated metropolitan statistical area (CMSA) or MSA, with the city having a population greater than or equal to 250,000.

**Mid-size City:** A central city of a CMSA or MSA, with the city having a population less than 250,000.

**Urban Fringe of a Large City:** Any territory within a CMSA or MSA of a Large City and defined as urban by the Census Bureau.

**Urban Fringe of a Mid-size City:** Any territory within a CMSA or MSA of a Mid-size City and defined as urban by the Census Bureau.

**Large Town:** An incorporated place or Census-designated place with a population greater than or equal to 25,000 and located outside a CMSA or MSA.

**Small Town:** An incorporated place or Census-designated place with a population less than 25,000 and greater than or equal to 2,500 and located outside a CMSA or MSA.

**Rural, Outside MSA:** Any territory designated as rural by the Census Bureau that is outside a CMSA or MSA of a Large or Mid-size City.

**Rural, Inside MSA:** Any territory designated as rural by the Census Bureau that is within a CMSA or MSA of a Large or Mid-size City.

#### **2006 Urban-Centric Locale Codes**

**City, Large:** Territory inside an urbanized area and inside a principal city with population of 250,000 or more.

**City, Midsize:** Territory inside an urbanized area and inside a principal city with population less than 250,000 and greater than or equal to 100,000.

**City, Small:** Territory inside an urbanized area and inside a principal city with population less than 100,000.

**Suburb, Large:** Territory outside a principal city and inside an urbanized area with population of 250,000 or more.

**Suburb, Midsize:** Territory outside a principal city and inside an urbanized area with population less than 250,000 and greater than or equal to 100,000.

**Suburb, Small:** Territory outside a principal city and inside an urbanized area with population less than 100,000.

**Town, Fringe:** Territory inside an urban cluster that is less than or equal to 10 miles from an urbanized area.

**Town, Distant:** Territory inside an urban cluster that is more than 10 miles and less than or equal to 35 miles from an urbanized area.

**Town, Remote:** Territory inside an urban cluster that is more than 35 miles from an urbanized area.

**Rural, Fringe:** Census-defined rural territory that is less than or equal to 5 miles from an urbanized area, as well as rural territory that is less than or equal to 2.5 miles from an urban cluster.

**Rural, Distant:** Census-defined rural territory that is more than 5 miles but less than or equal to 25 miles from an urbanized area, as well as rural territory that is more than 2.5 miles but less than or equal to 10 miles from an urban cluster.

**Rural, Remote:** Census-defined rural territory that is more than 25 miles from an urbanized area and is also more than 10 miles from an urban cluster.

**Magnet school or program** A special school or program designed to reduce, prevent, or eliminate racial isolation and/or to provide an academic or social focus on a particular theme.

**Mandatory transfer** A transfer of current funds that must be made in order to fulfill a binding legal obligation of the institution. Included under mandatory transfers are debt service provisions relating to academic and administrative buildings, including (1) amounts set aside for debt retirement and interest and (2) required provisions for renewal and replacement of buildings to the extent these are not financed from other funds.

**Master's degree** A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor's degree. One type of master's degree, including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master's degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. Some master's degrees—such as divinity degrees (M.Div. or M.H.L./Rav), which were formerly classified as “first-professional”—may require more than 2 years of full-time study beyond the bachelor's degree.

**Mathematics** A group of instructional programs that describes the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations.

**Mean absolute percentage error (MAPE)** The average value of the absolute value of errors expressed in percentage terms.

**Mean test score** The score obtained by dividing the sum of the scores of all individuals in a group by the number of individuals in that group for which scores are available.

**Median earnings** The amount which divides the income distribution into two equal groups, half having income above that amount and half having income below that amount. Earnings include all wage and salary income. Unlike mean earnings, median earnings either do not change or change very little in response to extreme observations.

**Middle school** A school with no grade lower than 5 and no higher than 8.

**Migration** Geographic mobility involving a change of usual residence between clearly defined geographic units, that is, between counties, states, or regions.

**Minimum-competency testing** Measuring the acquisition of competence or skills to or beyond a certain specified standard.

**Model** A system of postulates, data, and inferences presented as a mathematical description of a phenomenon, such as an actual system or process. The actual phenomenon is represented by the model in order to explain, predict, and control it.

**Montessori school** A school that provides instruction using Montessori teaching methods.

**Multiple disabilities** See Disabilities, children with.

**National Assessment of Educational Progress (NAEP)** See Appendix A: Guide to Sources.

**National School Lunch Program** Established by President Truman in 1946, the program is a federally assisted meal program operated in public and private nonprofit schools and residential child care centers. To be eligible for free lunch, a student must be from a household with an income at or below 130 percent of the federal poverty guideline; to be eligible for reduced-price lunch, a student must be from a household with an income between 130 percent and 185 percent of the federal poverty guideline.

**Newly qualified teacher** People who: (1) first became eligible for a teaching license during the period of the study referenced or who were teaching at the time of survey, but were not certified or eligible for a teaching license; and (2) had never held full-time, regular teaching positions (as opposed to substitute) prior to completing the requirements for the degree which brought them into the survey.

**Non-degree-granting institutions** Postsecondary institutions that participate in Title IV federal financial aid programs but do not offer accredited 4-year or 2-year degree programs. Includes some institutions transitioning to higher level program offerings, though still classified at a lower level.

**Nonprofessional staff** See Employees in degree-granting institutions.

**Nonprofit institution** A private institution in which the individual(s) or agency in control receives no compensation other than wages, rent, or other expenses for the assumption of risk. Nonprofit institutions may be either independent nonprofit (i.e., having no religious affiliation) or religiously affiliated.

**Nonresident alien** A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

**Nonsectarian school** Nonsectarian schools do not have a religious orientation or purpose and are categorized as regular, special program emphasis, or special education schools. See also Regular school, Special program emphasis school, and Special education school.

**Nonsupervisory instructional staff** People such as curriculum specialists, counselors, librarians, remedial specialists, and others possessing education certification, but not responsible for day-to-day teaching of the same group of pupils.

**Nursery school** An instructional program for groups of children during the year or years preceding kindergarten, which provides educational experiences under the direction of teachers. See also Prekindergarten and Preschool.

**Obligations** Amounts of orders placed, contracts awarded, services received, or similar legally binding commitments made by federal agencies during a given period that will require outlays during the same or some future period.

**Occupational home economics** Courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge and skills.

**Occupied housing unit** Separate living quarters with occupants currently inhabiting the unit. See also Housing unit.

**Off-budget federal entities** Organizational entities, federally owned in whole or in part, whose transactions belong in the budget under current budget accounting concepts, but that have been excluded from the budget totals under provisions of law. An example of an off-budget federal entity is the Federal Financing Bank, which provides student loans under the Direct Loan Program.

**On-budget funding** Federal funding for education programs that is tied to appropriations. On-budget funding does not include the Direct Loan Program, under which student loans are provided by the Federal Financing Bank, an off-budget federal entity. See also Off-budget federal entities.

**Operation and maintenance services** Includes salary, benefits, supplies, and contractual fees for supervision of operations and maintenance, operating buildings (heating, lighting, ventilating, repair, and replacement), care and upkeep of grounds and equipment, vehicle operations and maintenance (other than student transportation), security, and other operations and maintenance services.

**Ordinary least squares (OLS)** The estimator that minimizes the sum of squared residuals.

**Organization for Economic Cooperation and Development (OECD)** An intergovernmental organization of industrialized countries that serves as a forum for member countries to cooperate in research and policy development on social and economic topics of common interest. In addition to member countries, partner countries contribute to the OECD's work in a sustained and comprehensive manner.

**Orthopedic impairment** See Disabilities, children with.

**Other foreign languages and literatures** Any instructional program in foreign languages and literatures not listed in the table, including language groups and individual languages, such as the non-Semitic African languages, Native American languages, the Celtic languages, Pacific language groups, the Ural-Altaic languages, Basque, and others.

**Other health impairment** See Disabilities, children with.

**Other professional staff** See Employees in degree-granting institutions.

**Other religious school** Other religious schools have a religious orientation or purpose, but are not Roman Catholic. Other religious schools are categorized according to religious association membership as Conservative Christian, other affiliated, or unaffiliated.

**Other support services** Includes salary, benefits, supplies, and contractual fees for business support services, central support services, and other support services not otherwise classified.

**Other support services staff** All staff not reported in other categories. This group includes media personnel, social workers, bus drivers, security, cafeteria workers, and other staff.

**Outlays** The value of checks issued, interest accrued on the public debt, or other payments made, net of refunds and reimbursements.

**Parameter** A quantity that describes a statistical population.

**Part-time enrollment** The number of students enrolled in postsecondary education courses with a total credit load less than 75 percent of the normal full-time credit load. At the undergraduate level, part-time enrollment typically includes students who have a credit load of less than 12 semester or quarter credits. At the postbaccalaureate level, part-time enrollment typically includes students who have a credit load of less than 9 semester or quarter credits.

**Pass-through transaction** A payment that a postsecondary institution applies directly to a student's account. The payment "passes through" the institution for the student's benefit. Most private institutions treat Pell grants as pass-through transactions. At these institutions, any Pell grant funds that are applied to a student's tuition are reported as tuition revenues. In contrast, the vast majority of public institutions report Pell grants both as federal revenues and as allowances that reduce tuition revenues.

**Personal income** Current income received by people from all sources, minus their personal contributions for social insurance. Classified as "people" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as social security benefits and military pensions, but excludes transfers among people.

**Physical plant assets** Includes the values of land, buildings, and equipment owned, rented, or utilized by colleges. Does not include those plant values which are a part of endowment or other capital fund investments in real estate; excludes construction in progress.

**Postbaccalaureate enrollment** The number of students working towards advanced degrees and of students enrolled in graduate-level classes but not enrolled in degree programs. See also Graduate enrollment.

**Postsecondary education** The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose, and excludes avocational and adult basic education programs.

#### **Postsecondary institutions (basic classification by level)**

**4-year institution** An institution offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree.

**2-year institution** An institution offering at least a 2-year program of college-level studies which terminates in an associate degree or is principally creditable toward a baccalaureate degree. Data prior to 1996 include some institutions that have a less-than-2-year program, but were designated as institutions of higher education in the Higher Education General Information Survey.

**Less-than-2-year institution** An institution that offers programs of less than 2 years' duration below the baccalaureate level. Includes occupational and vocational schools with programs that do not exceed 1,800 contact hours.

#### **Postsecondary institutions (Carnegie classification of degree-granting institutions)**

**Doctorate-granting** Characterized by a significant level and breadth of activity in commitment to doctoral-level education as measured by the number of doctorate recipients and the diversity in doctoral-level program offerings. These institutions are assigned to one of the three subcategories listed below based on level of research activity (for more information on the research activity index used to assign institutions to the subcategories, see <http://classifications.carnegiefoundation.org/methodology/basic.php>):

*Research university, very high* Characterized by a very high level of research activity.

*Research university, high* Characterized by a high level of research activity.

*Doctoral/research university* Awarding at least 20 doctor's degrees per year, but not having a high level of research activity.

**Master's** Characterized by diverse postbaccalaureate programs but not engaged in significant doctoral-level education.

**Baccalaureate** Characterized by primary emphasis on general undergraduate, baccalaureate-level education. Not significantly engaged in postbaccalaureate education.

**Special focus** Baccalaureate or postbaccalaureate institution emphasizing one area (plus closely related specialties), such as business or engineering. The programmatic emphasis is measured by the percentage of degrees granted in the program area.

**Associate's** Institutions conferring at least 90 percent of their degrees and awards for work below the bachelor's level. In NCES tables, excludes all institutions offering any 4-year programs leading to a bachelor's degree.

**Tribal** Colleges and universities that are members of the American Indian Higher Education Consortium, as identified in IPEDS Institutional Characteristics.

**Poverty** The U.S. Census Bureau uses a set of money income thresholds that vary by family size and composition. A family, along with each individual in it, is considered poor if the family's total income is less than that family's threshold. The poverty thresholds do not vary geographically and are adjusted annually for inflation using the Consumer Price Index. The official poverty definition counts money income before taxes and does not include capital gains and noncash benefits (such as public housing, Medicaid, and food stamps).

**Prekindergarten** Preprimary education for children typically ages 3–4 who have not yet entered kindergarten. It may offer a program of general education or special education and may be part of a collaborative effort with Head Start.

**Preschool** An instructional program enrolling children generally younger than 5 years of age and organized to provide children with educational experiences under professionally qualified teachers during the year or years immediately preceding kindergarten (or prior to entry into elementary school when there is no kindergarten). See also Nursery school and Prekindergarten.

**Primary school** A school with at least one grade lower than 5 and no grade higher than 8.

**Private institution** An institution that is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government, which is usually supported primarily by other than public funds, and the operation of whose program rests with other than publicly elected or appointed officials.

**Private nonprofit institution** An institution in which the individual(s) or agency in control receives no compensation other than wages, rent, or other expenses for the assumption of risk. These include both independent nonprofit institutions and those affiliated with a religious organization.

**Private for-profit institution** An institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk (e.g., proprietary schools).

**Private school** Private elementary/secondary schools surveyed by the Private School Universe Survey (PSS) are assigned to one of three major categories (Catholic, other religious, or nonsectarian) and, within each major category, one of three subcategories based on the school's religious affiliation provided by respondents.

**Catholic** Schools categorized according to governance, provided by Catholic school respondents, into parochial, diocesan, and private schools.

**Other religious** Schools that have a religious orientation or purpose but are not Roman Catholic. Other religious schools are categorized according to religious association membership, provided by respondents, into Conservative Christian, other affiliated, and unaffiliated schools. Conservative Christian schools are those "Other religious" schools with membership in at least one of four associations: Accelerated Christian Education, American Association of Christian Schools, Association of Christian Schools International, and Oral Roberts University Education Fellowship. Affiliated schools are those "Other religious" schools not classified as Conservative Christian with membership in at least 1 of 11 associations—Association of Christian Teachers and Schools, Christian Schools International, Evangelical Lutheran Education Association, Friends Council on Education, General Conference of the Seventh-Day Adventist Church, Islamic School League of America, National Association of Episcopal Schools, National Christian School Association, National Society for Hebrew Day Schools, Solomon Schechter Day Schools, and Southern Baptist Association of Christian Schools—or indicating membership in "other religious school associations." Unaffiliated schools are those "Other religious" schools that have a religious orientation or purpose but are not classified as Conservative Christian or affiliated.

**Nonsectarian** Schools that do not have a religious orientation or purpose and are categorized according to program emphasis, provided by respondents, into regular, special emphasis, and special education schools. Regular schools are those that have a regular elementary/secondary or early childhood program emphasis. Special emphasis schools are those that have a Montessori, vocational/technical, alternative, or special program emphasis. Special education schools are those that have a special education program emphasis.

**Professional staff** See Employees in degree-granting institutions.

**Program for International Student Assessment (PISA)** A system of international assessments organized by the OECD that focuses on 15-year-olds' capabilities in reading literacy, mathematics literacy, and science literacy. PISA also includes measures of general, or cross-curricular, competencies such as learning strategies. The measures emphasize functional skills that students have acquired as they near the end of mandatory schooling. PISA was administered for the first time in 2000, when 43 countries participated. Forty-one countries participated in the 2003 administration of PISA; 57 jurisdictions (30 OECD members and 27 nonmembers) participated in 2006; and 65 jurisdictions (34 OECD members and 31 nonmembers) participated in 2009.

**Projection** In relation to a time series, an estimate of future values based on a current trend.

**Property tax** The sum of money collected from a tax levied against the value of property.

**Proprietary (for profit) institution** A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

**Public school or institution** A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

**Pupil/teacher ratio** The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

**Purchasing Power Parity (PPP) indexes** PPP exchange rates, or indexes, are the currency exchange rates that equalize the purchasing power of different currencies, meaning that when a given sum of money is converted into different currencies at the PPP exchange rates, it will buy the same basket of goods and services in all countries. PPP indexes are the rates of currency conversion that eliminate the difference in price levels among countries. Thus, when expenditures on gross domestic product (GDP) for different countries are converted into a common currency by means of PPP indexes, they are expressed at the same set of international prices, so that comparisons among countries reflect only differences in the volume of goods and services purchased.

**R<sup>2</sup>** The coefficient of determination; the square of the correlation coefficient between the dependent variable and its ordinary least squares (OLS) estimate.

**Racial/ethnic group** Classification indicating general racial or ethnic heritage. Race/ethnicity data are based on the *Hispanic* ethnic category and the race categories listed below (five single-race categories, plus the *Two or more races* category). Race categories exclude persons of Hispanic ethnicity unless otherwise noted.

**White** A person having origins in any of the original peoples of Europe, the Middle East, or North Africa.

**Black or African American** A person having origins in any of the black racial groups of Africa. Used interchangeably with the shortened term *Black*.

**Hispanic or Latino** A person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race. Used interchangeably with the shortened term *Hispanic*.

**Asian** A person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent, including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam. Prior to 2010–11, the Common Core of Data (CCD) combined Asian and Pacific Islander categories.

**Native Hawaiian or Other Pacific Islander** A person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. Prior to 2010–11, the Common Core of Data (CCD) combined Asian and Pacific Islander categories. Used interchangeably with the shortened term *Pacific Islander*.

**American Indian or Alaska Native** A person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.

**Two or more races** A person identifying himself or herself as of two or more of the following race groups: White, Black, Asian, Native Hawaiian or Other Pacific Islander, or American Indian or Alaska Native. Some, but not all, reporting districts use this category. “Two or more races” was introduced in the 2000 Census and became a regular category for data collection in the Current Population Survey (CPS) in 2003. The category is sometimes excluded from a historical series of data with constant categories. It is sometimes included within the category “Other.”

**Region** See Geographic region.

**Regression analysis** A statistical technique for investigating and modeling the relationship between variables.

**Regular school** A public elementary/secondary or charter school providing instruction and education services that does not focus primarily on special education, vocational/technical education, or alternative education.

**Related children** Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption.

**Remedial education** Instruction for a student lacking those reading, writing, or math skills necessary to perform college-level work at the level required by the attended institution.

**Resident population** Includes civilian population and armed forces personnel residing within the United States; excludes armed forces personnel residing overseas.

**Revenue** All funds received from external sources, net of refunds, and correcting transactions. Noncash transactions, such as receipt of services, commodities, or other receipts in kind are excluded, as are funds received from the issuance of debt, liquidation of investments, and nonroutine sale of property.

**Revenue receipts** Additions to assets that do not incur an obligation that must be met at some future date and do not represent exchanges of property for money. Assets must be available for expenditures.

**Rho** A measure of the correlation coefficient between errors in time period  $t$  and time period  $t$  minus 1.

**Rural school** See Locale codes.

**Salary** The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

**Sales and services** Revenues derived from the sales of goods or services that are incidental to the conduct of instruction, research, or public service. Examples include film rentals, scientific and literary publications, testing services, university presses, and dairy products.

**Sales tax** Tax imposed upon the sale and consumption of goods and services. It can be imposed either as a general tax on the retail price of all goods and services sold or as a tax on the sale of selected goods and services.

**SAT** An examination administered by the Educational Testing Service and used to predict the facility with which an individual will progress in learning college-level academic subjects. It was formerly called the Scholastic Assessment Test.

**Scholarships and fellowships** This category of college expenditures applies only to money given in the form of outright grants and trainee stipends to individuals enrolled in formal coursework, either for credit or not. Aid to students in the form of tuition or fee remissions is included. College work-study funds are excluded and are reported under the program in which the student is working.

**School** A division of the school system consisting of students in one or more grades or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings. Excludes schools that have closed or are planned for the future.

**School administration support services** Includes salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

**School climate** The social system and culture of the school, including the organizational structure of the school and values and expectations within it.

**School district** An education agency at the local level that exists primarily to operate public schools or to contract for public school services. Synonyms are “local basic administrative unit” and “local education agency.”

**Science** The body of related courses concerned with knowledge of the physical and biological world and with the processes of discovering and validating this knowledge.

**Secondary enrollment** The total number of students registered in a school beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12 at a given time.

**Secondary instructional level** The general level of instruction provided for pupils in secondary schools (generally covering grades 7 through 12 or 9 through 12) and any instruction of a comparable nature and difficulty provided for adults and youth beyond the age of compulsory school attendance.

**Secondary school** A school comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Both junior high schools and senior high schools are included.

**Senior high school** A secondary school offering the final years of high school work necessary for graduation.

**Serial correlation** Correlation of the error terms from different observations of the same variable. Also called Autocorrelation.

**Serial volumes** Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals, memoirs, proceedings, and transactions of societies.

**Serious emotional disturbance** See Disabilities, children with.

**Social studies** A group of instructional programs that describes the substantive portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

**Socioeconomic status (SES)** The SES index is a composite of often equally weighted, standardized components, such as father’s education, mother’s education, family income, father’s occupation, and household items. The terms high, middle, and low SES refer to ranges of the weighted SES composite index distribution.

**Special education** Direct instructional activities or special learning experiences designed primarily for students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically handicapped; (2) emotionally disabled; (3) culturally different, including compensatory education; (4) intellectually disabled; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs. See also Disabilities, children with.

**Special education school** A public elementary/secondary school that focuses primarily on special education for children with disabilities and that adapts curriculum, materials, or instruction for students served. See also Disabilities, children with.

**Special program emphasis school** A science/mathematics school, a performing arts high school, a foreign language immersion school, and a talented/gifted school are examples of schools that offer a special program emphasis.

**Specific learning disability** See Disabilities, children with.

**Speech/language impairment** See Disabilities, children with.

**Standard error of estimate** An expression for the standard deviation of the observed values about a regression line. An estimate of the variation likely to be encountered in making predictions from the regression equation.

**Standardized test** A test composed of a systematic sampling of behavior, administered and scored according to specific instructions, capable of being interpreted in terms of adequate norms, and for which there are data on reliability and validity.

**Standardized test performance** The weighted distributions of composite scores from standardized tests used to group students according to performance.

**Status dropout rate** The percentage of individuals within a given age range who are not enrolled in school and lack a high school credential, irrespective of when they dropped out.

**Status dropout rate (American Community Survey)** Similar to the status dropout rate (Current Population Survey), except that institutionalized persons, incarcerated persons, and active duty military personnel living in barracks in the United States may be included in this calculation.

**Status dropout rate (Current Population Survey)** The percentage of civilian, noninstitutionalized young people ages 16–24 who are not in school and have not earned a high school credential (either a diploma or equivalency credential such as a General Educational Development [GED] certificate). The numerator of the status dropout rate for a given year is the number of individuals ages 16–24 who, as of



October of that year, have not completed a high school credential and are not currently enrolled in school. The denominator is the total number of individuals ages 16–24 in the United States in October of that year. Status dropout rates count as dropouts individuals who never attended school and immigrants who did not complete the equivalent of a high school education in their home country.

**STEM fields** Science, Technology, Engineering, and Mathematics (STEM) fields of study that are considered to be of particular relevance to advanced societies. For the purposes of *The Condition of Education 2012*, STEM fields include agriculture and natural resources, biological and biomedical sciences, computer and information sciences and support services, engineering and engineering technologies, mathematics and statistics, physical sciences, and science technologies.

**Student** An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between the terms “student” and “pupil,” though “student” may refer to one receiving instruction at any level while “pupil” refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

**Student membership** Student membership is an annual headcount of students enrolled in school on October 1 or the school day closest to that date. The Common Core of Data (CCD) allows a student to be reported for only a single school or agency. For example, a vocational school (identified as a “shared time” school) may provide classes for students from a number of districts and show no membership.

**Student support services** Includes salary, benefits, supplies, and contractual fees for staff providing attendance and social work, guidance, health, psychological services, speech pathology, audiology, and other support to students.

**Study abroad population** U.S. citizens and permanent residents, enrolled for a degree at an accredited higher education institution in the United States, who received academic credit for study abroad from their home institutions upon their return. Students studying abroad without receiving academic credit are not included, nor are U.S. students enrolled for a degree overseas.

**Subject-matter club** Organizations that are formed around a shared interest in a particular area of study and whose primary activities promote that interest. Examples of such organizations are math, science, business, and history clubs.

**Supervisory staff** Principals, assistant principals, and supervisors of instruction; does not include superintendents or assistant superintendents.

**Tax base** The collective value of objects, assets, and income components against which a tax is levied.

**Tax expenditures** Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

**Teacher** see Instructional staff.

**Technical education** A program of vocational instruction that ordinarily includes the study of the sciences and mathematics underlying a technology, as well as the methods, skills, and materials commonly used and the services performed in the technology. Technical education prepares individuals for positions—such as draftsman or lab technician—in the occupational area between the skilled craftsman and the professional person.

**Three-year moving average** An arithmetic average of the year indicated, the year immediately preceding, and the year immediately following. Use of a 3-year moving average increases the sample size, thereby reducing the size of sampling errors and producing more stable estimates.

**Time series** A set of ordered observations on a quantitative characteristic of an individual or collective phenomenon taken at different points in time. Usually the observations are successive and equally spaced in time.

**Time series analysis** The branch of quantitative forecasting in which data for one variable are examined for patterns of trend, seasonality, and cycle.

**Title I school** A school designated under appropriate state and federal regulations as a high-poverty school that is eligible for participation in programs authorized by Title I of the Reauthorization of the Elementary and Secondary Education Act, P.L. 107-110.

**Title IV** Refers to a section of the Higher Education Act of 1965 that covers the administration of the federal student financial aid program.

**Title IV eligible institution** A postsecondary institution that meets the criteria for participating in federal student financial aid programs. An eligible institution must be any of the following: (1) an institution of higher education (with public or private, nonprofit control), (2) a proprietary institution (with private for-profit control), and (3) a postsecondary vocational institution (with public or private, nonprofit control). In addition, it must have acceptable legal authorization, acceptable

accreditation and admission standards, eligible academic program(s), administrative capability, and financial responsibility.

**Total expenditure per pupil in average daily attendance**

Includes all expenditures allocable to per pupil costs divided by average daily attendance. These allocable expenditures include current expenditures for regular school programs, interest on school debt, and capital outlay. Beginning in 1980–81, expenditures for state administration are excluded and expenditures for other programs (summer schools and designated subsidies for community colleges and private schools) are included.

**Town school** See Locale codes.

**Trade and industrial occupations** The branch of vocational education which is concerned with preparing people for initial employment or with updating or retraining workers in a wide range of trade and industrial occupations. Such occupations are skilled or semiskilled and are concerned with layout designing, producing, processing, assembling, testing, maintaining, servicing, or repairing any product or commodity.

**Traditional public school** Publicly funded schools other than public charter schools. See also Public school or institution and Charter school.

**Transcript** An official list of all courses taken by a student at a school or college showing the final grade received for each course, with definitions of the various grades given at the institution.

**Trust funds** Amounts collected and used by the federal government for carrying out specific purposes and programs according to terms of a trust agreement or statute, such as the social security and unemployment trust funds. Trust fund receipts that are not anticipated to be used in the immediate future are generally invested in interest-bearing government securities and earn interest for the trust fund.

**Tuition and fees** A payment or charge for instruction or compensation for services, privileges, or the use of equipment, books, or other goods. Tuition may be charged per term, per course, or per credit.

**Type of school** A classification of public elementary and secondary schools that includes the following categories: regular schools, special education schools, vocational schools, and alternative schools. See also Regular school, Special education school, Vocational school, and Alternative school.

**Unadjusted dollars** See Current dollars.

**Unclassified students** Students who are not candidates for a degree or other formal award, although they are taking

higher education courses for credit in regular classes with other students.

**Undergraduate students** Students registered at an institution of postsecondary education who are working in a baccalaureate degree program or other formal program below the baccalaureate, such as an associate's degree, vocational, or technical program.

**Unemployed** Civilians who had no employment but were available for work and: (1) had engaged in any specific job seeking activity within the past 4 weeks; (2) were waiting to be called back to a job from which they had been laid off; or (3) were waiting to report to a new wage or salary job within 30 days.

**Ungraded student (elementary/secondary)** A student who has been assigned to a school or program that does not have standard grade designations.

**Urban fringe school** See Locale codes.

**U.S. Service Academies** These institutions of higher education are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 5 institutions counted in the NCES surveys of degree-granting institutions include: the U.S. Air Force Academy, U.S. Coast Guard Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

**Variable** A quantity that may assume any one of a set of values.

**Visual and performing arts** A group of instructional programs that generally describes the historic development, aesthetic qualities, and creative processes of the visual and performing arts.

**Visual impairment** See Disabilities, children with.

**Vocational education** Organized educational programs, services, and activities which are directly related to the preparation of individuals for paid or unpaid employment, or for additional preparation for a career, requiring other than a baccalaureate or advanced degree.

**Vocational school** A public school that focuses primarily on providing formal preparation for semiskilled, skilled, technical, or professional occupations for high school-age students who have opted to develop or expand their employment opportunities, often in lieu of preparing for college entry.

**Years out** In forecasting by year, the number of years since the last year of actual data for that statistic used in producing the forecast.

## APPENDIX C

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