

Appendix A: Glossary of Terms

American Indian or Alaska Native: An American Indian or Alaska Native is 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. The primary source of race/ethnicity categorization in HSLs:09 was respondent self-identification.

Analytic weights: Analytic weights are sometimes called nonresponse-adjusted weights, adjusted (base) weights, or final analytic weights. The analytic weights are constructed by adjusting the base weights for factors such as subsampling of sample units, one or more nonresponse mechanisms (e.g., parent refusal of student participation and student refusal), and calibration (i.e., benchmarking) to population counts. (See also *Base weights* and *Calibration weight adjustment*.)

Asian: An Asian is 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. The primary source of race/ethnicity categorization in HSLs:09 was respondent self-identification.

Balanced repeated replication (BRR): BRR weights can be used in HSLs:09 for variance estimation. BRR weights are based on a set of procedures that use a balanced set of pseudo-replicates. The BRR variance estimation process involves modeling the design as if it were a two-primary sampling unit (PSU) per stratum design. Variances are then calculated using a random group type of variance estimation procedure, with a balanced set of replicates as the groups. Balancing is done by creating replicates using an orthogonal matrix. An alternative variance estimation method available from the HSLs:09 data set is the Taylor series linearization. (See also *Taylor series linearization*.)

Base weights: Base weights compensate for unequal probabilities of selection into the study sample. A base weight is calculated as the inverse probability of selection and includes all stages of sample design (e.g., two design stages are used for HSLs:09). Base weights are also called raw weights, design weights, unadjusted weights, or sampling weights throughout the survey literature. Estimates using base weights may be contrasted with the corresponding estimates using weights adjusted for nonresponse. Base weights are calculated for all sample members, respondents and nonrespondents alike. However, the base weights do not appear on the HSLs:09 data files, although they are used to generate response rates reported in the data file documentation. (See also *Analytic weights*, *Nonresponse bias*, and *Nonresponse bias analysis*.)

Bias: Bias is the difference between the reported value and the true value. An estimate of bias is calculated as the difference between the expected value of a

sample estimate (e.g., estimated mean) and the corresponding true value for the population. The true values are generally not known and must also be estimated from the data. *Response bias* is the difference between respondent reports and their true behavior or characteristics. *Nonresponse bias* is defined as the (statistically significant) difference in an estimate calculated from the respondent and nonrespondent subsets of the sample. *Undercoverage bias*, a type of sampling bias, arises because some critical portion of the target population is omitted from the sampling frame. For example, if the set of schools from which a school sample is drawn is incomplete or inaccurate (owing, for example, to the birth of new schools subsequent to the time the set of schools was identified, school undercoverage may occur. (See also *Nonresponse bias* and *Nonresponse bias analysis*.)

Black or African American: A Black or African American person is one having origins in any of the black racial groups of Africa. The primary source of race/ethnicity categorization in HSLS:09 was respondent self-identification.

Burden: Formally, burden is the aggregate hours realistically required for data providers to participate in a data collection. Burden also has a subjective or psychological dimension: the degree to which providing information is regarded as onerous may depend on the salience to the respondent of the questions that are being posed and on other factors, such as competing time demands and complexity of the information being requested.

Calibration weight adjustment: This is a weight adjustment that forces survey estimates to match independent population totals for specified characteristics. Poststratification is a specific type of weight calibration that uses the cross-classification of a set of variables to form poststrata (adjustment cells). Calibration adjustments for HSLS:09 were created through a model that included individual variables and a set of interaction terms (Folsom and Singh 2000).

Codebook: A codebook as used here is a document that contains a detailed description of each variable measured in HSLS:09 or derived from HSLS:09 variables. The description includes the variable name, values used to define each variable, unweighted frequencies, and unweighted and weighted percentages.

Coefficient of variation (CV): The CV is calculated as the ratio of the estimated population standard deviation over the estimated population quantity (e.g., mean). Both estimates are calculated using the final analysis weights and software that appropriately accounts for the complex, two-stage sample design of HSLS:09. This quantity differs from the *relative standard error (relSE)*, sometimes referred to as the (estimated) CV. The *relSE* is calculated as the estimated population standard error divided by the estimated population quantity.

Cohort: A cohort is a group of individuals who have a statistical factor in common such as, for example, year of birth, grade in school, year of retirement, or year of high school graduation. The HSLs:09 cohort consists of 9th-grade high school students as of the fall term of the 2009–10 school year who attended a high school with both a 9th and 11th grade. Because no freshening was instituted for 11th grade, the 9th-grade cohort is the sole cohort in HSLs:09, unlike prior multicohort studies such as *NELS:88* and *ELS:2002*.

Common Core of Data (CCD): The CCD consists of data annually collected from all public schools in the United States by NCES. Study-eligible public schools were identified from the CCD to form the public-school portion of the sampling frame for the HSLs:09 base year.

Composite variable: A composite variable is one that is constructed through either the combination of two or more variables (e.g., poverty status combines household size with family income) or through a mathematical function or statistical transformation (e.g., conversion of raw test scores to quintiles). A composite variable is also referred to as a derived, created, or constructed variable.

Confidence interval: A confidence interval is a sample-based estimate expressed as an interval or range of values that is expected to contain the true population value given a specified degree of confidence.

Confidentiality protections: NCES is required by law to protect individually identifiable data from unauthorized disclosure. To this end, HSLs:09 data have been subject to a disclosure risk analysis to determine which records require masking to produce the public-use data file from the restricted-use data file. Disclosure coarsening techniques (such as recoding of continuous variables into categorical, top and bottom coding, and so on), suppression of variables, and data perturbation techniques (e.g., data swapping) have been used to provide disclosure protection to HSLs:09 data. (See also *Data swapping* and *Disclosure risk analysis*.)

Construct: A construct is an abstract image, idea, or theory, formed from a number of simpler observable elements (e.g., socioeconomic status or science self-efficacy). Constructs help summarize phenomena that are hypothesized to be in some important way(s) related.

Contextual data: In HSLs:09, the primary unit of analysis is the student. Survey information collected from other study participants, referred to as contextual data, should be viewed as extensions of the student data. For example, responses provided in the school administrator, teacher, counselor, and parent questionnaires on the student's school learning environment or home situation are classified as contextual data.

Cross-cohort (or intercohort) comparison and analysis: The HSLs:09 base-year survey is not precisely comparable in timing or grade cohort definition to the prior studies, which involved spring data collections for 8th-, 10th-, or 12th-grade students. The HSLs:09 cohort definition is based on a single grade (9th grade) at a single point in time (fall term of 2009), reflecting also requirements that base-year schools encompass both 9th and 11th grade. Although the high school transcripts capture 4 years of high school coursetaking, because HSLs:09 has no 12th-grade freshening, HSLs:09 high school transcripts cannot be compared to the NELS:88, ELS:2002, and NAEP high school transcript studies, all of which are anchored to high school seniors. Some longitudinal intercohort comparison is possible at a higher level of generality, however—that is, not based on a specific comparison grade—that encompasses modeling the transition from high school to postsecondary education and the workforce, which is the subject of all the secondary longitudinal studies.

Cross-sectional analysis: A cross-sectional design represents events and statuses at a single point in time. For example, a cross-sectional survey may measure the cumulative educational attainment (achievements, attitudes, statuses) of students at a particular stage of schooling, such as the beginning of ninth grade. Cross-sectional analysis in HSLs:09 can only be conducted for the base year (either at the student level or the school level). In contrast, a longitudinal study (or repeated measurement of the same sample units) measures the change or growth in educational attainments that occurs over a particular period of schooling. (See also *Longitudinal or panel study* and *Cross-cohort comparison and analysis*.)

Data swapping: Data swapping is defined in the *NCES Statistical Standards* (Seastrom 2014) as a perturbation disclosure limitation technique that results in a “confidentiality” edit. An example of a need for data swapping would be to assume that a data file has two variables which in combination constitute a disclosure risk, for example, sex and age. If a sample case needs disclosure protection, it is paired with another sampled case so that each element of the pair has the same age, but different sexes. The data on these two records are then swapped. After the swapping, anyone thinking they have identified either one of the paired cases gets the data of the other case, so they have not made an accurate match and the data have been protected. (See also *Confidentiality protections*.)

Design effect: The design effect (*deff*) is a measure of sample efficiency and is the variance of an estimate accounting for the complex nature of a survey design divided by the variance of the estimate that would have occurred if a sample of the same size had been selected using simple random sampling. Historically, the *deff* was used to adjust a variance estimate calculated with software that could not properly account for the sample design. More recently, the *deff* calculated for a set of study

characteristics is used to compare the sample efficiency across surveys. Sometimes it is more useful to work with standard errors than with variances. The root design effect (*deft*) expresses the relation between the actual standard error of an estimate and the standard error of the corresponding estimates from a simple random sample.

Disability: A disability is a physical or mental impairment that substantially limits one or more of the major life activities (Title 42 U.S.C. Section 12102).

Disclosure risk analysis: This involves investigation of study data to evaluate and minimize the risk of identification of individual sample units to preserve the confidentiality of the data. HSLs:09 data have been subjected to a disclosure risk analysis to protect confidential information about individual respondents. For a more detailed account of disclosure risk analysis, and of means of altering data (including masking, data perturbation, and data swapping) to prevent disclosure, see the current NCES Statistical Standards document. (See also *Confidentiality protections*, *Data swapping*, and *Public-use data file*.)

Education Longitudinal Study of 2002 (ELS:2002): ELS:2002 is the immediate predecessor study to HSLs:09 within the series of NCES Secondary Longitudinal Studies. It began with spring high school sophomores in 2002, with follow-up studies in 2004 (with freshening to create a senior cohort), 2006, and 2012. In addition to interview data, postsecondary education transcripts were collected (and high school transcripts were collected) for the ELS:2002 cohorts. URL: <https://nces.ed.gov/surveys/els2002/>.

Electronic codebook (ECB): The ECB serves as an electronic version of a fully documented survey codebook. It allows the data user to browse through all variables contained on the data files; search variable and value names for keywords related to particular research questions; review the question and item response wording; examine the definitions and logic used to develop composite and classification variables; and export SAS, SPSS, or Stata syntax programs for statistical analysis. The ECB also provides a display of the distribution of counts and percentages for each variable in the dataset. Analysts can use the ECB to select or “tag” variables of interest, export codebooks that display the distributions of the tagged variables, and generate program code (including variable and value labels) that can be used with the analyst’s own statistical software. The ECB is designed to run in a Windows environment on the user’s computer and is available only to users who have obtained a restricted-use license and are approved to receive the ECB for their research purposes. (See also *Restricted-use data file*.)

High School and Beyond (HS&B): HS&B is the second in the series of longitudinal high school cohort studies sponsored by NCES. The HS&B base-year study surveyed sophomore and senior students in 1980. The sophomore cohort was

last interviewed in 1992 and their postsecondary transcripts collected in 1993. The senior cohort was last interviewed in 1986. URL: <https://nces.ed.gov/surveys/hsb/>.

High School and Beyond Longitudinal Study of 2020 (HS&B:20):

HS&B:20 is the sixth in the series of secondary longitudinal data collection efforts sponsored by NCES. HS&B:20 will begin with a 9th-grade cohort in the fall of 2020 that will be re-contacted in the spring of 2024 when most of the sample will be 12th-graders. At that time, the cohort will be freshened so that it is nationally representative of 12th-graders in 2024, and thus comparable to NCES collections from 1972, 1982, 1992, and 2004. HS&B:20 will survey students and their parents, their school administrators, their school counselors, and their teachers. Administrative record information from high school transcripts will also be collected.

Hispanic or Latino: A Hispanic or Latino/Latina is a person of Cuban, Mexican, Puerto Rican, South or Central American, or other Spanish culture, origin, or ethnicity regardless of race. The primary source of race/ethnicity categorization in HSLS:09 was respondent self-identification.

Imputation: Imputation involves substituting values for missing or inconsistent data in a data set. Prediction of a missing value is typically based on a procedure that uses a mathematical model in combination with available information. Model covariates are identified from a set of variables known to be statistically and substantively related to the variable requiring imputation and the pattern of item nonresponse.

Incapable students: It was determined that, as in past surveys, some students could not be validly assessed or surveyed (even with accommodations) owing to severe physical, mental, or emotional limitations, or because of language barriers. These students were classified as “incapable” or “questionnaire-incapable” students but they were not deemed ineligible for the study. Contextual information was collected for these students including responses from some but not all parents, school administrators, teachers, and counselors, and they were given positive weights as applicable (e.g., student, parent, teacher). The status of these students was reviewed in each follow-up, and those whose situation had changed (for example, students who had become proficient in English over the ensuing 2 1/2 years) were invited to participate.

Individually identifiable data: These are data from any record, response form, completed survey, or aggregation about an individual or individuals from which the identity of an individual (or set of individuals) may be revealed.

Integrated Postsecondary Education Data System (IPEDS): IPEDS is a system of interrelated surveys conducted annually that gather information from all

postsecondary institutions that participate in Title IV federal student financial aid programs. IPEDS collects data on institution characteristics, enrollments, program completions, graduation rates, faculty and staff, finances, institutional prices, and student financial aid.

Item nonresponse: Item nonresponse is defined as a missing response to a particular question item on an instrument when a valid response was expected. For example, a participant did not wish to provide income information and therefore left the question item unanswered (blank). Item nonresponse is generally limited to the set of sample members who have been classified as respondents by providing, for example, responses to key questionnaire items required for analysis. (See also *Nonresponse bias analysis* and *Unit nonresponse*.)

Locale codes: In earlier NCES secondary longitudinal studies, locale codes have been referred to as metropolitan status or urbanicity codes (for example, urbanicity trichotomized into three values—urban, suburban, or rural). The former codes were metrocentric (that is, based on metropolitan statistical areas). The HSLS:09 locale codes, however, use NCES’s new urbancentric codes. The new urbancentric locale codes follow the same logic as the older locale codes, but incorporate an approach that prioritizes population size and proximity to an urbanized area in assigning locale. The highest level (four terms) of the new locale code system was used in HSLS:09 school sampling to create substrata (with geography as superstrata). The four major categories are city (large or mid-size city), suburban (urban fringe of large or mid-size city), town (large or small), and rural (outside or inside a Core-Based Statistical Area). Although HSLS:09 uses only the four major or highest categories, each of the four categories is further subdivided in the NCES geocode scheme (for example, “town” comprises three statuses in relation to an urbanized area: fringe, distant, or remote from an urbanized area).

Longitudinal or panel study: In a longitudinal design, similar measurements—of the same sample of individuals, institutions, households, or of some other defined unit—are taken at multiple time points. HSLS:09 employs a longitudinal design that follows the same individuals over time and permits the analysis of individual-level change. (See also *Cross-sectional analysis*.)

Microdata (microrecords): These are observations of individual sample members, such as those contained on the HSLS:09 public-use and restricted-use data files.

National Assessment of Educational Progress (NAEP): NAEP is a cross-sectional assessment program that measures achievement at the group level for students in 4th, 8th, and 12th grades and provides a time series for measuring trends in academic progress of 9-, 13-, and 17-year-olds. The HSLS:09 assessment differs

from but complements those of NAEP by providing a basis for measuring individual-level achievement growth between fall of 9th and spring of 11th grade in mathematics (with a focus on algebraic reasoning) and relating cognitive gains in this subject to the individual, school, and family factors and processes that are measured in the various HSLS:09 questionnaires. URL: <https://nces.ed.gov/nationsreportcard/>.

National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education (NCES): This governmental agency is the sponsor of HSLS:09, and is also the sponsoring agency for (among other studies) the National Assessment of Educational Progress, and the following completed secondary longitudinal studies: the Education Longitudinal Study of 2002 (ELS:2002), the National Education Longitudinal Study of 1988 (NELS:88), High School and Beyond (HS&B), the National Longitudinal Study of the High School Class of 1972 (NLS-72), and High School and Beyond Longitudinal Study of 2020 (HS&B:20).

National Education Longitudinal Study of 1988 (NELS:88): NELS:88 was the third in the series of longitudinal high school cohort studies sponsored by NCES. The study represents three cohorts: the eighth-grade class of 1988, the sophomore class of 1990, and the senior class of 1992. The study collected questionnaire and test data in 1988, 1990, and 1992 on students' school experiences, and background information from school administrators, teachers, parents (in the base year and second follow-up only), and school records. Data on postsecondary and out-of-school experiences were collected in interviews conducted in 1994 and 2000 and through a postsecondary education transcript study in 2000–01. URL: <https://nces.ed.gov/surveys/nels88/>.

National Longitudinal Study of the High School Class of 1972 (NLS-72): This project was the first in the series of longitudinal high school cohort studies sponsored by NCES. The study represented the senior class of 1972. The final round of data collection took place in 1986. URL: <https://nces.ed.gov/surveys/nls72/>.

National Science Foundation (NSF): NSF has collaborated with NCES in support of HSLS:09, particularly in matters that reflect state-level samples and records systems.

Native Hawaiian or Other Pacific Islander: A Native Hawaiian or Other Pacific Islander is a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands. The primary source of race/ethnicity categorization in HSLS:09 was respondent self-identification.

Ninth-grade cohort (HSLS:09): To be eligible for HSLS:09, a student had to be a fall-term ninth-grader in a U.S. school with both grades 9 and 11. Given this definition, HSLS:09 does not represent all ninth-grade students, since schools with grade spans such as K–9, 6–9, 7–9, 8–9, and so on, were ineligible for the study.

Nonresponse bias: Nonresponse bias may occur as a result of not obtaining 100 percent response from the selected cases. More specifically, nonresponse bias occurs when the population parameter estimated from the respondent data deviates from the population parameter. The potential magnitude of nonresponse bias is estimated as the product of the nonresponse rate and the difference in values of a characteristic between respondents and nonrespondents. (See also *Nonresponse bias analysis*.)

Nonresponse bias analysis: Nonresponse bias analysis compares the characteristics of respondents and nonrespondents. Both unit nonresponse (school and student) and item nonresponse on questionnaires were subject to bias analyses in HSLs:09. For example, certain key data items were obtained for both responding and nonresponding schools, so that a school nonresponse bias analysis could be conducted, and bias in school-level estimates quantified and tested.

Occupational Information Network (O*NET): O*NET is the primary industry and occupation coding scheme used in HSLs:09. The O*NET database was developed for the U.S. Department of Labor and represents an extensive set of worker attributes and job characteristics. O*NET provides a nested coding structure: 23 general-level categories expand to 96 mid-level categories that can be expanded further to 821 specific-level categories.

Online Codebook: HSLs:09 data are available in a public-use version via the web-based Online Codebook. Online Codebook users can explore frequency distributions and tag variables to download from the HSLs:09 public-use dataset. After a set of variables has been tagged for download, the Online Codebook will also create a custom syntax file for use with the user's preferred software package (i.e., SAS, SPSS, Stata, R, S-Plus, or SUDAAN). Alternatively, choosing a generic file format (e.g., ASCII or CSV) allows for the data to read into most statistical programming packages. URL: <https://nces.ed.gov/onlinecodebook>. (See also *Public-use data file*.)

Parent/guardian questionnaire: The HSLs:09 base-year parent component sought to collect information from parents/guardians of all base-year student sample members. The parent or guardian most knowledgeable about his or her student's educational experience was asked to complete the questionnaire. The first follow-up also included a parent questionnaire component for a randomly selected subsample of eligible student sample members.

Precision: Precision is calculated in terms of the sampling error (or standard error) of an estimate. Theoretically, precision is the deviation among estimates for a set of samples.

Primary sampling unit (PSU): The PSU is the unit chosen at the first stage of a sample design and is typically reserved for clusters of units selected at a subsequent stage of sampling in a multistage design. The HSLs:09 PSU is the base-year school that represents a cluster of students used to select the second-stage sample. In other studies, geographical units such as a county or metropolitan statistical area (MSA) may serve as the PSU.

Private School Universe Survey (PSS): The PSS is a universe survey used to generate biennial data on the total number of private schools, teachers, and students. Study-eligible private schools were identified from the PSS to form the private school portion of the sampling frame for the HSLs:09 base year.

Public-use data file: A public-use file includes data that have been coded, aggregated, or otherwise altered to mask individually identifiable information. This file is available to the public through NCES. Unique identifiers, geographic detail, and other variables that cannot be suitably altered are suppressed in public-use data files. Public-use edits are based on an assumption that the public may have access to both individual respondent records and secondary data sources that include data that could be used to identify respondents. For this reason, the editing process is extensive. When determining an appropriate masking process, public-use editing takes into account and guards against matches on common variables from all known files that could be matched to the public-use file. The analysis used to determine which records require masking is called a disclosure risk analysis. (See also *Restricted-use data file*, *Online Codebook*, and *Disclosure risk analysis*.)

Relative bias: Relative bias is the bias of the estimate divided by the estimate. This measure identifies the magnitude of the bias relative to the point estimate.

Reserve code: Certain codes have been reserved to stand for a number of situations in which missing data occur in response frequencies. For HSLs:09 PETS-SR data files, the reserve code conventions are as follows:

- -1 = Item-missing, don't know: Used when a respondent indicated "Don't know" as a response.
- -2 = Placeholder record: Used to hold a place for a record with an unknown amount of missing data. For example, if no academic terms are reported, one placeholder record is included in the term file, though the number of terms in which the student was enrolled is unknown.
- -3 = Implied "No" or zero: Used when the item was left blank by the respondent, but based on other responses, the missing value is implied to be a "No" or a zero.

- -4 = Item missing, unable to determine applicability: Used for a nested item when the associated gate item is left blank.
- -5 = Data suppressed: Used on the student-level and school-level public-use data files to suppress data.
- -6 = Out of range: Used when the value reported by the institution was outside the valid range for that field.
- -7 = Item-missing, not applicable: Used for questions that are not applicable based on information already known from a prior answer or another data source.
- -8 = Unit-missing: Used for all student-level variables when a sample member is a nonrespondent to either PETS or SR.
- -9 = Item-missing, response not provided: Used for questions that are not answered within a survey when the respondent was eligible for the question.

Response rate (weighted): In general, unit response rates are calculated as the ratio of the weighted number of completed instruments to the weighted number of eligible (in-scope) sample units, using the sample base weight (i.e., the inverse of the selection probability). In multistage samples, such as HSLS:09, overall student-level response is the product of both stages (although, for many purposes, the stages are reported separately). Item response rates are calculated as the weighted ratio of the number of respondents for whom an in-scope response was obtained to the number of respondents who are asked to answer a given item. More detailed information can be found by consulting NCES Standard 1-3 in the *NCES Statistical Standard* document (Seastrom 2014). Bias analyses conducted when response rates are below targets help to assess any possible limitations to the generalizability of survey estimates. (See also *Nonresponse bias analysis*.)

Restricted-use data file: A restricted-use data file includes individually identifiable information that is confidential and protected by law. The basic strategy for HSLS:09 public- versus restricted-use file construction was to include the variables with limited disclosure treatment on the restricted-use file, and to modify or suppress values for these same variables on the public-use version. Use of the restricted data requires the researcher to obtain a special license from NCES. (See also *Public-use data file*, *Disclosure risk analysis*, and *Electronic codebook*.)

Round: A round is a single implementation of the survey within the larger longitudinal survey (e.g., the base year and each successive follow-up are each rounds of data collection).

RTI International (RTI): RTI is a nonprofit university-affiliated research organization with headquarters in Research Triangle Park, North Carolina. RTI conducted the HSLS:09 base-year study, the first follow-up, the 2013 Update, the second follow-up, and PETS-SR collection on behalf of NCES. RTI International is a trade name of Research Triangle Institute. URL: <https://www.rti.org/>.

Sampling error: Sampling error is the difference between a value for an entire population and an estimate of that value derived from a probability sample (i.e., subset of the population).

Sampling frame: A sampling frame is a list of all the sampling units for the target population associated with a particular stage of the sample design. The Common Core of Data and Private School Universe Survey were the basis of the HSLS:09 school (first-stage) sampling frame. The student sampling frame was equivalent to the ninth-grade enrollment lists (rosters) provided by the HSLS:09 sampled schools. The *sampling frame population* is the set of elements associated with this list. As with every survey, the sampling frame is constructed in an attempt to enumerate every member of the target population. Differences between the sampling frame and target populations are linked to coverage errors. (See also *Bias*.)

Sampling variance: Sampling variance is the variation associated with the set of estimates generated from (theoretical) repeated implementation of the essential survey conditions (e.g., sample design, frame, sample size, instrument, data collection, and methodology). The square root of the sampling variance is the standard error. These statistics are estimated using the sample data from a single survey and the final analytic weights.

School Administrator questionnaire: This questionnaire was completed by the base-year and first follow-up school administrator (e.g., principal) or someone designated by the administrator. This instrument contains questions on basic information about school policies, number of students in each class, curriculum offered, programs for students with special needs (e.g., disadvantaged students and students with disabilities), and other school characteristics. The school administrator questionnaire was completed primarily in a web-survey self-administered mode.

School climate: The school climate is defined as the social system and ethos or culture of the school, including the organizational structure of the school and values and expectations within it.

School Courses for the Exchange of Data (SCED): The SCED is part of NCES's Secondary School Course Classification System. Historically (NAEP, ELS:2002, NELS:88, HS&B), high school transcripts were coded using the Classification of Secondary School Courses (CSSC). HSLS:09, however, coded high school courses to the SCED taxonomy. For further information about SCED, see

National Forum on Education Statistics (2014). *Forum Guide to School Courses for the Exchange of Data (SCED) Classification System*. (NCES 2014-802). U.S. Department of Education. Washington, DC: National Center for Education Statistics.

Selection probability: The selection probability, also referred to as the inclusion probability, is the random chance that a particular sampling unit has of being selected into the sample. These values are greater than zero and, in general, less than or equal to one. Selection probabilities equal to zero are only (theoretically) associated with ineligible sampling frame units.

Serpentine sorting: Serpentine sorting is a method of sorting in which records are ordered in an alternating ascending and descending pattern, so that any two consecutive records in the sorted file are more similar with respect to their values on the sort variables than in traditional sorting. This method was used in various HSLs:09 statistical procedures such as with the weighted hot-deck imputation methodology.

Simple random sampling (SRS): SRS uses equal probability sampling with no strata or clusters. The HSLs:09 sample is stratified and clustered. Standard statistical analysis software assumes SRS and independently distributed errors. For studies such as HSLs:09, special variance estimation software (such as SUDAAN, WesVar, AM, Stata, or R) is required to compute (Taylor series) linearization or replication variance estimates. The HSLs:09 restricted-use data files contain linearization weights and balanced repeated replication weights are available on all files. (See also *Analytic weights*, *Taylor series linearization*, and *Balanced repeated replication*.)

Standard error: Standard error is the square root of the population sampling variance. It is a measure of the dispersion of the sampling distribution of a statistic. Standard errors are used to establish confidence intervals for the statistics being analyzed and are constructed using the final analysis weights and software that accounts for the complex HSLs:09 sample design.

Statistical significance: Statistical significance is the finding (based on a derived probability, rather than a certitude) that, for example, two or more estimates are truly different from one another and not a merely apparent difference reflecting chance variation.

STEM: The acronym STEM stands for science, technology, engineering, and mathematics. STEM coursetaking and employment is a major focus of HSLs:09.

Stratification: Stratification is the division of a population into distinct, mutually exclusive and exhaustive subgroups (strata). Strata are generally defined to include relatively homogeneous units on characteristics that are of interest to the study. Stratification is used to reduce sampling error. In HSLs:09, the first-stage

strata were formed and schools were selected independently within each stratum. Students were independently selected within strata defined by race/ethnicity.

Student questionnaire: This is one of the two parts of the HSLS:09 base-year and first follow-up student survey (the other part is the algebraic reasoning assessment). The student questionnaire contained a locating section for tracing sample members for future waves of HSLS:09 and a series of questions about school and home environments, attitudes, values, expectations and aspirations.

Study-eligible school: With a few exclusions, HSLS:09 study-eligible schools are generally defined as U.S. schools (public or private) that provide educational instruction to 9th- and 11th-grade students and distribute high school diplomas based on a pre-set list of criteria. The complete list of exclusions is provided in section 3.2.1 of the *HSLS:09 Base-Year Data File Documentation* (NCES 2011-328). U.S. Department of Education. Washington, DC: National Center for Education Statistics. (See also *Target population*.)

Study-eligible student: All 9th-grade students enrolled in study-eligible schools on the survey day in the fall semester of the 2009–10 school year were classified as study eligible. This set includes students identified as questionnaire incapable and students who were able to complete all components of the study. All foreign exchange students were excluded from the study.

Target population: A target population defines a collection of units (such as student or schools) about which inferences are made. The weighted results tabulated from the HSLS:09 data provide estimates for target populations and population domains. In HSLS:09, the target population at the school level was defined as regular public schools, including public charter schools, and private schools, in the 50 United States and the District of Columbia, providing instruction in both 9th and 11th grade. The target population of students was defined to include all ninth-grade students who attended the study-eligible schools in the fall 2009 term.

Taylor series linearization: The Taylor series variance estimation procedure is used to estimate the variance of linear statistics (e.g., estimated totals) and nonlinear statistics (e.g., proportions or ratios). For nonlinear statistics, the procedure takes the first-order Taylor series approximation of the nonlinear statistics and then substitutes the linear representation into the appropriate variance formula based on the sample design. Because HSLS:09 is a stratified multistage survey, the Taylor series procedure requires analytic strata and analytic primary sampling units, defined from the sampling strata and primary sampling units (HSLS:09 schools). (See also *Balanced repeated replication*.)

Teacher questionnaire: In the base year, mathematics and science teachers of HSLS:09 sampled students were asked to complete a teacher questionnaire. This

instrument was used to collect data on school and teacher characteristics (including teacher qualifications and experience) and some classroom-level information. Unlike in the NELS:88 and ELS:2002 teacher surveys, no direct teacher ratings or evaluations of specific sampled students were sought, and the names of the sampled students were kept anonymous.

Unit nonresponse: Unit nonresponse is the failure of a survey unit (e.g., at the institutional level, a school, or at the individual level, a respondent, such as a student or a teacher) to cooperate or complete a survey instrument. *Overall unit nonresponse* reflects a combination of unit nonresponse across two or more levels of data collection, where participation at the second stage of data collection is conditional upon participation in the first stage of data collection. In HSLs:09, overall nonresponse is the product of school-level nonresponse and student nonresponse. *Total item nonresponse* reflects a combination of the overall unit nonresponse and item nonresponse. (See also *Item nonresponse* and *Nonresponse bias*.)

Variance estimation: Variance estimation is the measure of the variability of a statistic and includes the standard error and error variance. Two procedures for estimating variance of survey statistics in HSLs:09 are the BRR (balanced repeated replication) and Taylor series. BRR (available on both the public-use and restricted-use files) is recommended for HSLs:09 data. (See also *Balanced repeated replication* and *Taylor series linearization*.)

Weighted estimates: Weighted estimates are survey estimates generated from survey data that have been statistically weighted (multiplied) by factors reflecting the sample design. The general purpose of weighting is to compensate for unequal probabilities of selection into the sample and to adjust for the fact that not all schools or individuals selected into the sample participated. (See also *Analytic weights*.)

White: A White person is one having origins in any of the original peoples of Europe, the Middle East, or North Africa. The primary source of race/ethnicity categorization in HSLs:09 was respondent self-identification.

Appendix B: Student Financial Aid Records Instrument Specifications

Item name	Label / Wording
Section: Institution Information	
BEARLY	<p>Later, you will be asked to provide data for your sampled students in the following areas: General Student Information, Enrollment, Budget, and Financial Aid. The list of specific data elements that will be requested is available [here].</p> <p>Please select the earliest year that you could report any data, even if you could not report all data for that year.</p> <ul style="list-style-type: none"> <input type="radio"/> 2011-2012 <input type="radio"/> 2012-2013 <input type="radio"/> 2013-2014 <input type="radio"/> 2014-2015 <input type="radio"/> 2015-2016 <input type="radio"/> 2016-2017
B12TMNAM[01-12]	<p>Please provide your institution's terms for each of the academic years listed below. Later, you will be asked to indicate each sampled student's enrollment status (e.g. full-time, half-time) during each of the terms you provide.</p> <p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1 and June 30 in each academic year.</p> <p>Please include:</p> <ul style="list-style-type: none"> • Summer sessions. • Short sessions longer than two weeks in duration. • Terms for special types of students (e.g. medical students). <p>NOTE: Terms may start prior to July 1 or end after June 30, but some portion of the term must occur between July 1 and June 30.</p> <p>Note that summer sessions should be included if any portion of the term falls within the period of July 1 through June 30. For additional help on how to report summer sessions, click [here].</p> <p><i>NOTE: The text above is visible while the respondent reports terms for each of six academic years (2011-12 through 2016-17). The text below is specific to the 2011-12 academic year and appears only while the respondent is entering terms for that year.</i></p> <p style="text-align: right;"><i>(Text for this item continues on the next page)</i></p>

Item name	Label / Wording
B12TMNAM[01-12]	<p><i>(Continued from previous)</i></p> <p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2011 and June 30, 2012.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2011 and June 30, 2012.</p> <p>Term [1-12] Name <input type="text"/></p> <p>NOTE: This item repeats for each term for up to 12 terms.</p>
B13TMNAM[01-12]	<p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2012 and June 30, 2013.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2012 and June 30, 2013.</p> <p>Term [1-12] Name <input type="text"/></p> <p>NOTE: This item repeats for each term for up to 12 terms.</p>
B14TMNAM[01-12]	<p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2013 and June 30, 2014.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2013 and June 30, 2014.</p> <p>Term [1-12] Name <input type="text"/></p> <p>NOTE: This item repeats for each term for up to 12 terms.</p>
B15TMNAM[01-12]	<p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2014 and June 30, 2015.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2014 and June 30, 2015.</p> <p>Term [1-12] Name <input type="text"/></p> <p>NOTE: This item repeats for each term for up to 12 terms.</p>

Item name	Label / Wording
B16TMNAM[01-12]	<p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2015 and June 30, 2016.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2015 and June 30, 2016.</p> <p>Term [1-12] Name <input type="text"/></p> <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>
B17TMNAM[01-12]	<p>Enter the name, start date, and end date of each of the terms/enrollment periods occurring at [institution name] between July 1, 2016 and June 30, 2017.</p> <p>NOTE: Terms may start prior to June 1 or end after June 30, but some portion of the term must occur between July 1, 2016 and June 30, 2017.</p> <p>Term [1-12] Name <input type="text"/></p> <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>
B[12-17]TMBEG[01-12]	<p>Term [1-12] Start Date</p> <p>Month: <input type="text"/></p> <p>Day: <input type="text"/></p> <p>Year: <input type="text"/></p> <p><i>NOTE: This item repeats for six academic years, 2011-12 through 2016-17, and for each term (up to 12 terms in each academic year).</i></p>
B[12-17]TMEND[01-12]	<p>Term [1-12] End Date</p> <p>Month: <input type="text"/></p> <p>Day: <input type="text"/></p> <p>Year: <input type="text"/></p> <p><i>NOTE: This item repeats for six academic years, 2011-12 through 2016-17, and for each term (up to 12 terms in each academic year).</i></p>

Item name	Label / Wording
CRSUNIT	<p>Units per Course</p> <p>How many units of credit does your institution typically award upon satisfactory completion of a standard academic course (e.g., English 101)?</p> <ul style="list-style-type: none"><li><input type="radio"/> One unit<li><input type="radio"/> Three units<li><input type="radio"/> Other amount<li><input type="radio"/> Differs by program, course, class level, or for some other reason<li><input type="radio"/> Institution is clock hour only

Item name	Label / Wording
Section: General Student Information	
FNAME	First Name <input type="text"/>
MNAME	Middle Name <input type="text"/>
LNAME	Last Name <input type="text"/>
SUFFIX	Suffix <input type="text"/>
SOCIAL	Social Security Number/SSN <input type="text"/>
ASTHDOB	Date of Birth/DOB Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
ASGENDER	Sex <input type="radio"/> Male <input type="radio"/> Female <input type="radio"/> Unknown
AMARITAL	Marital Status <input type="radio"/> Not married (single, widowed, divorced) <input type="radio"/> Married <input type="radio"/> Separated <input type="radio"/> Unknown
AMAIDEN	Maiden Name <input type="text"/>

Item name	Label / Wording
SPOUSEFN	Spouse First Name <input type="text"/>
SPOUSEMN	Spouse Middle Name <input type="text"/>
SPOUSELN	Spouse Last Name <input type="text"/>
ACITIZEN	<p>Citizenship Status</p> <ul style="list-style-type: none"> <input type="radio"/> US citizen or US national <input type="radio"/> Resident alien, permanent resident, or other eligible non-citizen <input type="radio"/> Foreign/International student with student visa <input type="radio"/> Unknown
AVETERAN	<p>Veteran Status (Veteran of U.S. Armed Forces?)</p> <ul style="list-style-type: none"> <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> Unknown
AHIGHSCH	<p>High School Completion Type</p> <ul style="list-style-type: none"> <input type="radio"/> High school diploma <input type="radio"/> GED or other equivalency <input type="radio"/> High school completion certificate <input type="radio"/> Foreign high school <input type="radio"/> Home schooled <input type="radio"/> No high school degree or certificate <input type="radio"/> Unknown
ASHIGHYR	High School Completion Year <input type="text"/>

Item name	Label / Wording
ASHISPAN	Ethnicity <input type="radio"/> Hispanic or Latino <input type="radio"/> Not Hispanic or Latino <input type="radio"/> Unknown
ASTWHITE	Race: White <input type="radio"/> Yes <input type="radio"/> No
ASTBLACK	Race: Black or African American <input type="radio"/> Yes <input type="radio"/> No
ASTASIAN	Race: Asian <input type="radio"/> Yes <input type="radio"/> No
ASINDIAN	Race: American Indian or Alaska Native <input type="radio"/> Yes <input type="radio"/> No
ASISLAND	Race: Native Hawaiian or Other Pacific Islander <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
PERMAD1L	Permanent Address (Line 1) <input type="text"/>
PERMAD2L	Permanent Address (Line 2) <input type="text"/>
PERMCITY	Permanent City <input type="text"/>
PERMSTAT	Permanent State or Province <input type="text" value="- Select State -"/>
PERMZIP	Permanent ZIP <input type="text"/>
PRMCNTRY	Permanent Country (if not USA) <input type="text" value="- Select Country -"/>
LOCAD1L	Last Known/Local Address (Line 1) <input type="text"/>
LOCAD2L	Last Known/Local Address (Line 2) <input type="text"/>
LOCCITY	Last Known/Local City <input type="text"/>
LOCSTAT	Last Known/Local State <input type="text" value="- Select State -"/>
LOCZIP	Last Known/Local ZIP <input type="text"/>
SCHSTRES	<p>Is the student a permanent resident of [the state in which the institution is located]?</p> <p> <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> Unknown </p>
PHONE1	Phone 1 <input type="text"/>

Item name	Label / Wording
PHONE1TYPE	Phone 1 Type <input type="radio"/> Home <input type="radio"/> Mobile <input type="radio"/> Other
PHONE2	Phone 2 <input type="text"/>
PHONE2TYPE	Phone 2 Type <input type="radio"/> Home <input type="radio"/> Mobile <input type="radio"/> Other
PRSEMAIL	Personal Email Address <input type="text"/>
CAMEMAIL	Campus Email Address <input type="text"/>
PARFRST	Parent's First Name <input type="text"/>
PARMID	Parent's Middle Name <input type="text"/>
PARLAST	Parent's Last Name <input type="text"/>
PARSUF	Parent's Suffix <input type="text"/>
PARAD1L	Parent's Address (Line 1) <input type="text"/>
PARAD2L	Parent's Address (Line 2) <input type="text"/>
PARCITY	Parent's City <input type="text"/>

Item name	Label / Wording
PARSTAT	Parent's State <input type="text" value="- Select State -"/>
PARZIP	Parent's ZIP <input type="text"/>
PARCNTY	Parent's Country (if not USA) <input type="text" value="- Select Country -"/>
PAREMAIL	Parent's Email <input type="text"/>
PARTEL	Parent's Phone <input type="text"/>
PARCELL	Parent's Cell Phone <input type="text"/>
PARPITL	Parent's International Phone <input type="text"/>
OTHFRST	Other Contact's First Name <input type="text"/>
OTHMID	Other Contact's Middle Name <input type="text"/>
OTHLAST	Other Contact's Last Name <input type="text"/>
OTHSUF	Other Contact's Suffix <input type="text"/>

Item name	Label / Wording
OTHREL	Relationship of Other Contact to Student <input type="radio"/> Parent <input type="radio"/> Guardian <input type="radio"/> Sibling <input type="radio"/> Aunt <input type="radio"/> Uncle <input type="radio"/> Grandparent <input type="radio"/> Spouse <input type="radio"/> Friend <input type="radio"/> Colleague <input type="radio"/> Other <input type="radio"/> Unknown
OTHAD1L	Other Contact's Address (Line 1) <input type="text"/>
OTHAD2L	Other Contact's Address (Line 2) <input type="text"/>
OTHCITY	Other Contact's City <input type="text"/>
OTHSTAT	Other Contact's State <input type="text" value="- Select State -"/>
OTHZIP	Other Contact's ZIP <input type="text"/>
OTHCNTRY	Other Contact's Country (if not USA) <input type="text" value="- Select Country -"/>
OTHEMAIL	Other Contact's Email <input type="text"/>
OTHTEL	Other Contact's Phone <input type="text"/>
OTHCELL	Other Contact's Cell Phone <input type="text"/>

Item name	Label / Wording
Section: Enrollment	
BEERDTMY	<p>Date first enrolled at this institution</p> <p>Month: <input type="text" value="-Select one-"/></p> <p>Day: <input type="text" value="-Select one-"/></p> <p>Year: <input type="text" value="-Select one-"/></p>
BELEDTMY	<p>Date last enrolled at this institution</p> <p>Month: <input type="text" value="-Select one-"/></p> <p>Day: <input type="text" value="-Select one-"/></p> <p>Year: <input type="text" value="-Select one-"/></p>
BEFSTTM	<p>First-time Beginning student?</p> <p>A first-time beginning student is defined as an undergraduate student who enrolled in college for the first time at this institution between July 1, 2011 and June 30, 2017, and</p> <ul style="list-style-type: none"> • Has not completed a postsecondary class at this or any other postsecondary institutions prior to July 1, 2011; and • Did not transfer credits into this institution, other than advanced placement (AP) credits, international baccalaureate (IB) credits, or any other postsecondary credit earned prior to high school completion. <p>Please note that this definition differs from the first-time full-time designation reported to IPEDS.</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
BETRANSFER	<p>Accepted transfer credits from another postsecondary institution?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>

Item name	Label / Wording
BERECVBA	Ever received baccalaureate degree? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Unknown
BEBADATE	Date baccalaureate degree received Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BREMEVER	Ever taken a remedial course Since completing high school, has the student taken any remedial/developmental courses to improve their basic skills in in math, reading, or other subjects? <input type="radio"/> Yes <input type="radio"/> No
BEACTENG	ACT English score <input type="text"/>
BEACTMAT	ACT Mathematics score <input type="text"/>
BEACTRDG	ACT Reading score <input type="text"/>
BEACTSCI	ACT Science score <input type="text"/>
BEACTCOM	ACT Composite score <input type="text"/>
BESATCR	SAT Critical Reading score <input type="text"/>
BESATMAT	SAT Mathematics score <input type="text"/>

Item name	Label / Wording
BESATWRT	SAT Writing score <input type="text"/>

Item name	Label / Wording
Section: Enrollment for 2011-12 Academic Year	
BENR11	<p>Student enrolled in the 2011-2012 academic year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
BENLA12DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2012? If the student was no longer enrolled on June 30, 2012, report the degree program for his or her last term enrolled between July 1, 2011 and June 30, 2012.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p> <input type="radio"/> Enrolled in undergraduate courses, not in a degree program <input type="radio"/> Undergraduate certificate or diploma (occupational or technical program) <input type="radio"/> Associate's degree <input type="radio"/> Bachelor's degree <input type="radio"/> Enrolled in graduate courses, not in a degree program <input type="radio"/> Post-baccalaureate certificate program <input type="radio"/> Dual bachelor's/master's degree <input type="radio"/> Master's degree <input type="radio"/> Post-master's certificate <input type="radio"/> Doctoral degree - research/scholarship <input type="radio"/> Doctoral degree - professional practice <input type="radio"/> Doctoral degree - other <input type="radio"/> Unknown </p>

Item name	Label / Wording
BENAD12TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2012? If the student was no longer enrolled on June 30, 2012, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2011 and June 30, 2012.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="radio"/> Master of Science (MS)</p> <p><input type="radio"/> Master of Arts (MA)</p> <p><input type="radio"/> Master of Education (Med) or Teaching (MAT)</p> <p><input type="radio"/> Master of Business Administration (MBA)</p> <p><input type="radio"/> Master of Public Administration (MPA)</p> <p><input type="radio"/> Master of Social Work (MSW)</p> <p><input type="radio"/> Master of Fine Arts (MFA)</p> <p><input type="radio"/> Master of Public Health (MPH)</p> <p><input type="radio"/> Master of Divinity (MDiv)</p> <p><input type="radio"/> Other master's degree program not listed</p> </div> <div style="width: 50%;"> <p><input type="radio"/> Doctor of Philosophy (PhD)</p> <p><input type="radio"/> Doctor of Education (EdD)</p> <p><input type="radio"/> Doctor of Science or Engineering</p> <p><input type="radio"/> Doctor of Psychology (PsyD)</p> <p><input type="radio"/> Doctor of Business or Public Admin (DBA, DPA)</p> <p><input type="radio"/> Doctor of Fine Arts (DFA)</p> <p><input type="radio"/> Doctor of Theology (ThD)</p> <p><input type="radio"/> Law (JD, LLB)</p> <p><input type="radio"/> Medicine or Osteopathic Medicine (MD, DO)</p> <p><input type="radio"/> Dentistry (DDS, DMD)</p> <p><input type="radio"/> Chiropractic (DC, DCM)</p> <p><input type="radio"/> Pharmacy (PharmD)</p> <p><input type="radio"/> Optometry (OD)</p> <p><input type="radio"/> Podiatry (DPM, DP, PodD)</p> <p><input type="radio"/> Veterinary medicine (DVM)</p> <p><input type="radio"/> Other doctoral degree not listed</p> </div> </div>
BENLALVL12	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2012. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2011 and June 30, 2012.</p> <div style="list-style-type: none;"> <p><input type="radio"/> First-Year/Freshman</p> <p><input type="radio"/> Sophomore</p> <p><input type="radio"/> Junior</p> <p><input type="radio"/> Senior</p> <p><input type="radio"/> 5th Year or Higher Undergraduate</p> <p><input type="radio"/> Undergraduate (unclassified)</p> <p><input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses</p> <p><input type="radio"/> 1st year Graduate</p> <p><input type="radio"/> Beyond 1st year Graduate</p> <p><input type="radio"/> Graduate (unclassified)</p> <p><input type="radio"/> Unknown</p> </div>

Item name	Label / Wording
BEDEGDATE12	Degree Completion Date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA12	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS12	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP12	Cumulative Clock Hours Completed <input type="text"/>
BECRDHR12	Total Number of Credit Hours in Program <input type="text"/>
BECRDCOMP12	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT12	Total Tuition and Mandatory Fees CHARGED
BTUNJURI12	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL12	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP12MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE12MJR1	First Major <input type="text"/>
BECIP12MAJ2	Second Major CIP Code <input data-bbox="1094 499 1386 611" type="text" value="NNNNNN
BECREMJR1"/>
BECRE12MJR2	Second Major <input type="text"/>
BTM12ST[01-12]	Enrollment status [for term 1-12] <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <i>NOTE: This item repeats for each term for up to 12 terms.</i>
BTM12HR[01-12]	Number of Credit or Clock Hours Enrolled [for Term 1-12] <input type="text"/> <i>NOTE: This item repeats for each term for up to 12 terms.</i>

Item name	Label / Wording
Section: Enrollment for 2012-13 Academic Year	
BENR13	<p>Student enrolled in the 2012-2013 academic year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
BENLA13DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2013? If the student was no longer enrolled on June 30, 2013, report the degree program for his or her last term enrolled between July 1, 2012 and June 30, 2013.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p><input type="radio"/> Enrolled in undergraduate courses, not in a degree program</p> <p><input type="radio"/> Undergraduate certificate or diploma (occupational or technical program)</p> <p><input type="radio"/> Associate's degree</p> <p><input type="radio"/> Bachelor's degree</p> <p><input type="radio"/> Enrolled in graduate courses, not in a degree program</p> <p><input type="radio"/> Post-baccalaureate certificate program</p> <p><input type="radio"/> Dual bachelor's/master's degree</p> <p><input type="radio"/> Master's degree</p> <p><input type="radio"/> Post-master's certificate</p> <p><input type="radio"/> Doctoral degree - research/scholarship</p> <p><input type="radio"/> Doctoral degree - professional practice</p> <p><input type="radio"/> Doctoral degree - other</p> <p><input type="radio"/> Unknown</p>

Item name	Label / Wording
BENAD13TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2013? If the student was no longer enrolled on June 30, 2013, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2012 and June 30, 2013.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="radio"/> Master of Science (MS)</p> <p><input type="radio"/> Master of Arts (MA)</p> <p><input type="radio"/> Master of Education (Med) or Teaching (MAT)</p> <p><input type="radio"/> Master of Business Administration (MBA)</p> <p><input type="radio"/> Master of Public Administration (MPA)</p> <p><input type="radio"/> Master of Social Work (MSW)</p> <p><input type="radio"/> Master of Fine Arts (MFA)</p> <p><input type="radio"/> Master of Public Health (MPH)</p> <p><input type="radio"/> Master of Divinity (MDiv)</p> <p><input type="radio"/> Other master's degree program not listed</p> </div> <div style="width: 50%;"> <p><input type="radio"/> Doctor of Philosophy (PhD)</p> <p><input type="radio"/> Doctor of Education (EdD)</p> <p><input type="radio"/> Doctor of Science or Engineering</p> <p><input type="radio"/> Doctor of Psychology (PsyD)</p> <p><input type="radio"/> Doctor of Business or Public Admin (DBA, DPA)</p> <p><input type="radio"/> Doctor of Fine Arts (DFA)</p> <p><input type="radio"/> Doctor of Theology (ThD)</p> <p><input type="radio"/> Law (JD, LLB)</p> <p><input type="radio"/> Medicine or Osteopathic Medicine (MD, DO)</p> <p><input type="radio"/> Dentistry (DDS, DMD)</p> <p><input type="radio"/> Chiropractic (DC, DCM)</p> <p><input type="radio"/> Pharmacy (PharmD)</p> <p><input type="radio"/> Optometry (OD)</p> <p><input type="radio"/> Podiatry (DPM, DP, PodD)</p> <p><input type="radio"/> Veterinary medicine (DVM)</p> <p><input type="radio"/> Other doctoral degree not listed</p> </div> </div>
BENLALVL13	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2013. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2012 and June 30, 2013.</p> <div style="display: flex; flex-direction: column;"> <p><input type="radio"/> First-Year/Freshman</p> <p><input type="radio"/> Sophomore</p> <p><input type="radio"/> Junior</p> <p><input type="radio"/> Senior</p> <p><input type="radio"/> 5th Year or Higher Undergraduate</p> <p><input type="radio"/> Undergraduate (unclassified)</p> <p><input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses</p> <p><input type="radio"/> 1st year Graduate</p> <p><input type="radio"/> Beyond 1st year Graduate</p> <p><input type="radio"/> Graduate (unclassified)</p> <p><input type="radio"/> Unknown</p> </div>

Item name	Label / Wording
BEDEGDATE13	Degree completion date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA13	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS13	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP13	Cumulative Clock Hours Completed <input type="text"/>
BECRDHRS13	Total Number of Credit Hours in Program <input type="text"/>
BECRDCOMP13	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT13	Total Tuition and Mandatory Fees CHARGED
BTUNJURI13	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL13	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP13MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE13MJR1	First Major <input type="text"/>
BECIP13MAJ2	Second Major CIP Code <input data-bbox="1092 499 1386 611" type="text" value="NNNNNN
BECREMJR1"/>
BECRE13MJR2	Second Major <input type="text"/>
BTM13ST[01-12]	Enrollment Status [for term 1-12] <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <i>NOTE: This item repeats for each term for up to 12 terms.</i>
BTM13HR[01-12]	Number of Credit or Clock Hours Enrolled [for term 1-12] <input type="text"/> <i>NOTE: This item repeats for each term for up to 12 terms.</i>

Item name	Label / Wording
Section: Enrollment for 2013-14 Academic Year	
BENR14	<p>Student enrolled in the 2013-2014 academic year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
BENLA14DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2014? If the student was no longer enrolled on June 30, 2014, report the degree program for his or her last term enrolled between July 1, 2013 and June 30, 2014.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p> <input type="radio"/> Enrolled in undergraduate courses, not in a degree program <input type="radio"/> Undergraduate certificate or diploma (occupational or technical program) <input type="radio"/> Associate's degree <input type="radio"/> Bachelor's degree <input type="radio"/> Enrolled in graduate courses, not in a degree program <input type="radio"/> Post-baccalaureate certificate program <input type="radio"/> Dual bachelor's/master's degree <input type="radio"/> Master's degree <input type="radio"/> Post-master's certificate <input type="radio"/> Doctoral degree - research/scholarship <input type="radio"/> Doctoral degree - professional practice <input type="radio"/> Doctoral degree - other <input type="radio"/> Unknown </p>

Item name	Label / Wording
BENAD14TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2014? If the student was no longer enrolled on June 30, 2014, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2013 and June 30, 2014.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="radio"/> Master of Science (MS)</p> <p><input type="radio"/> Master of Arts (MA)</p> <p><input type="radio"/> Master of Education (Med) or Teaching (MAT)</p> <p><input type="radio"/> Master of Business Administration (MBA)</p> <p><input type="radio"/> Master of Public Administration (MPA)</p> <p><input type="radio"/> Master of Social Work (MSW)</p> <p><input type="radio"/> Master of Fine Arts (MFA)</p> <p><input type="radio"/> Master of Public Health (MPH)</p> <p><input type="radio"/> Master of Divinity (MDiv)</p> <p><input type="radio"/> Other master's degree program not listed</p> </div> <div style="width: 50%;"> <p><input type="radio"/> Doctor of Philosophy (PhD)</p> <p><input type="radio"/> Doctor of Education (EdD)</p> <p><input type="radio"/> Doctor of Science or Engineering</p> <p><input type="radio"/> Doctor of Psychology (PsyD)</p> <p><input type="radio"/> Doctor of Business or Public Admin (DBA, DPA)</p> <p><input type="radio"/> Doctor of Fine Arts (DFA)</p> <p><input type="radio"/> Doctor of Theology (ThD)</p> <p><input type="radio"/> Law (JD, LLB)</p> <p><input type="radio"/> Medicine or Osteopathic Medicine (MD, DO)</p> <p><input type="radio"/> Dentistry (DDS, DMD)</p> <p><input type="radio"/> Chiropractic (DC, DCM)</p> <p><input type="radio"/> Pharmacy (PharmD)</p> <p><input type="radio"/> Optometry (OD)</p> <p><input type="radio"/> Podiatry (DPM, DP, PodD)</p> <p><input type="radio"/> Veterinary medicine (DVM)</p> <p><input type="radio"/> Other doctoral degree not listed</p> </div> </div>
BENLALVL14	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2014. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2013 and June 30, 2014.</p> <div style="display: flex; flex-direction: column;"> <p><input type="radio"/> First-Year/Freshman</p> <p><input type="radio"/> Sophomore</p> <p><input type="radio"/> Junior</p> <p><input type="radio"/> Senior</p> <p><input type="radio"/> 5th Year or Higher Undergraduate</p> <p><input type="radio"/> Undergraduate (unclassified)</p> <p><input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses</p> <p><input type="radio"/> 1st year Graduate</p> <p><input type="radio"/> Beyond 1st year Graduate</p> <p><input type="radio"/> Graduate (unclassified)</p> <p><input type="radio"/> Unknown</p> </div>

Item name	Label / Wording
BEDEGDATE14	Degree completion date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA14	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS14	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP14	Cumulative Clock Hours Completed <input type="text"/>
BECDHRS14	Total Number of Credit Hours in Program <input type="text"/>
BECDCOMP14	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT14	Total Tuition and Mandatory Fees CHARGED
BTUNJURI14	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL14	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP14MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE14MJR1	First Major <input type="text"/>
BECIP14MAJ2	Second Major CIP Code <input data-bbox="1092 499 1386 615" type="text" value="NNNNNN
BECREMJR1"/>
BECRE14MJR2	Second Major <input type="text"/>
BTM14ST[01-12]	Enrollment Status [for term 1-12] <ul style="list-style-type: none"> <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>
BTM14HR[01-12]	Number of Credit or Clock Hours Enrolled [for term 1-12] <input type="text"/> <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>

Item name	Label / Wording
Section: Enrollment for 2014-15 Academic Year	
BENR15	<p>Student enrolled in the 2014-2015 academic year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
BENLA15DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2015? If the student was no longer enrolled on June 30, 2015, report the degree program for his or her last term enrolled between July 1, 2014 and June 30, 2015.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p><input type="radio"/> Enrolled in undergraduate courses, not in a degree program</p> <p><input type="radio"/> Undergraduate certificate or diploma (occupational or technical program)</p> <p><input type="radio"/> Associate's degree</p> <p><input type="radio"/> Bachelor's degree</p> <p><input type="radio"/> Enrolled in graduate courses, not in a degree program</p> <p><input type="radio"/> Post-baccalaureate certificate program</p> <p><input type="radio"/> Dual bachelor's/master's degree</p> <p><input type="radio"/> Master's degree</p> <p><input type="radio"/> Post-master's certificate</p> <p><input type="radio"/> Doctoral degree - research/scholarship</p> <p><input type="radio"/> Doctoral degree - professional practice</p> <p><input type="radio"/> Doctoral degree - other</p> <p><input type="radio"/> Unknown</p>

Item name	Label / Wording
BENAD15TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2015? If the student was no longer enrolled on June 30, 2015, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2014 and June 30, 2015.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="radio"/> Master of Science (MS)</p> <p><input type="radio"/> Master of Arts (MA)</p> <p><input type="radio"/> Master of Education (Med) or Teaching (MAT)</p> <p><input type="radio"/> Master of Business Administration (MBA)</p> <p><input type="radio"/> Master of Public Administration (MPA)</p> <p><input type="radio"/> Master of Social Work (MSW)</p> <p><input type="radio"/> Master of Fine Arts (MFA)</p> <p><input type="radio"/> Master of Public Health (MPH)</p> <p><input type="radio"/> Master of Divinity (MDiv)</p> <p><input type="radio"/> Other master's degree program not listed</p> </div> <div style="width: 50%;"> <p><input type="radio"/> Doctor of Philosophy (PhD)</p> <p><input type="radio"/> Doctor of Education (EdD)</p> <p><input type="radio"/> Doctor of Science or Engineering</p> <p><input type="radio"/> Doctor of Psychology (PsyD)</p> <p><input type="radio"/> Doctor of Business or Public Admin (DBA, DPA)</p> <p><input type="radio"/> Doctor of Fine Arts (DFA)</p> <p><input type="radio"/> Doctor of Theology (ThD)</p> <p><input type="radio"/> Law (JD, LLB)</p> <p><input type="radio"/> Medicine or Osteopathic Medicine (MD, DO)</p> <p><input type="radio"/> Dentistry (DDS, DMD)</p> <p><input type="radio"/> Chiropractic (DC, DCM)</p> <p><input type="radio"/> Pharmacy (PharmD)</p> <p><input type="radio"/> Optometry (OD)</p> <p><input type="radio"/> Podiatry (DPM, DP, PodD)</p> <p><input type="radio"/> Veterinary medicine (DVM)</p> <p><input type="radio"/> Other doctoral degree not listed</p> </div> </div>
BENLALVL15	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2015. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2014 and June 30, 2015.</p> <div style="display: flex; flex-direction: column;"> <p><input type="radio"/> First-Year/Freshman</p> <p><input type="radio"/> Sophomore</p> <p><input type="radio"/> Junior</p> <p><input type="radio"/> Senior</p> <p><input type="radio"/> 5th Year or Higher Undergraduate</p> <p><input type="radio"/> Undergraduate (unclassified)</p> <p><input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses</p> <p><input type="radio"/> 1st year Graduate</p> <p><input type="radio"/> Beyond 1st year Graduate</p> <p><input type="radio"/> Graduate (unclassified)</p> <p><input type="radio"/> Unknown</p> </div>

Item name	Label / Wording
BEDEGDATE15	Degree completion date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA15	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS15	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP15	Cumulative Clock Hours Completed <input type="text"/>
BECRDHR15	Total Number of Credit Hours in Program <input type="text"/>
BECRDCOMP15	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT15	Total Tuition and Mandatory Fees CHARGED
BTUNJURI15	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL15	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP15MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE15MJR1	First Major <input type="text"/>
BECIP15MAJ2	Second Major CIP Code <input data-bbox="1092 499 1386 617" type="text" value="NNNNNN
BECREMJR1"/>
BECRE15MJR2	Second Major <input type="text"/>
BTM15ST[01-12]	Enrollment Status [for term 1-12] <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <i>NOTE: This item repeats for each term for up to 12 terms.</i>
BTM15HR[01-12]	Number of Credit or Clock Hours Enrolled [for Term 1-12] <input type="text"/> <i>NOTE: This item repeats for each term for up to 12 terms.</i>

Item name	Label / Wording
Section: Enrollment for 2015-16 Academic Year	
BENR16	<p>Student enrolled in the 2015-2016 academic year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
BENLA16DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2016? If the student was no longer enrolled on June 30, 2016, report the degree program for his or her last term enrolled between July 1, 2015 and June 30, 2016.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p> <input type="radio"/> Enrolled in undergraduate courses, not in a degree program <input type="radio"/> Undergraduate certificate or diploma (occupational or technical program) <input type="radio"/> Associate's degree <input type="radio"/> Bachelor's degree <input type="radio"/> Enrolled in graduate courses, not in a degree program <input type="radio"/> Post-baccalaureate certificate program <input type="radio"/> Dual bachelor's/master's degree <input type="radio"/> Master's degree <input type="radio"/> Post-master's certificate <input type="radio"/> Doctoral degree - research/scholarship <input type="radio"/> Doctoral degree - professional practice <input type="radio"/> Doctoral degree - other <input type="radio"/> Unknown </p>

Item name	Label / Wording
BENAD16TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2016? If the student was no longer enrolled on June 30, 2016, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2015 and June 30, 2016.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <p><input type="radio"/> Master of Science (MS)</p> <p><input type="radio"/> Master of Arts (MA)</p> <p><input type="radio"/> Master of Education (Med) or Teaching (MAT)</p> <p><input type="radio"/> Master of Business Administration (MBA)</p> <p><input type="radio"/> Master of Public Administration (MPA)</p> <p><input type="radio"/> Master of Social Work (MSW)</p> <p><input type="radio"/> Master of Fine Arts (MFA)</p> <p><input type="radio"/> Master of Public Health (MPH)</p> <p><input type="radio"/> Master of Divinity (MDiv)</p> <p><input type="radio"/> Other master's degree program not listed</p> </div> <div style="width: 50%;"> <p><input type="radio"/> Doctor of Philosophy (PhD)</p> <p><input type="radio"/> Doctor of Education (EdD)</p> <p><input type="radio"/> Doctor of Science or Engineering</p> <p><input type="radio"/> Doctor of Psychology (PsyD)</p> <p><input type="radio"/> Doctor of Business or Public Admin (DBA, DPA)</p> <p><input type="radio"/> Doctor of Fine Arts (DFA)</p> <p><input type="radio"/> Doctor of Theology (ThD)</p> <p><input type="radio"/> Law (JD, LLB)</p> <p><input type="radio"/> Medicine or Osteopathic Medicine (MD, DO)</p> <p><input type="radio"/> Dentistry (DDS, DMD)</p> <p><input type="radio"/> Chiropractic (DC, DCM)</p> <p><input type="radio"/> Pharmacy (PharmD)</p> <p><input type="radio"/> Optometry (OD)</p> <p><input type="radio"/> Podiatry (DPM, DP, PodD)</p> <p><input type="radio"/> Veterinary medicine (DVM)</p> <p><input type="radio"/> Other doctoral degree not listed</p> </div> </div>
BENLALVL16	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2016. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2015 and June 30, 2016.</p> <div style="list-style-type: none;"> <p><input type="radio"/> First-Year/Freshman</p> <p><input type="radio"/> Sophomore</p> <p><input type="radio"/> Junior</p> <p><input type="radio"/> Senior</p> <p><input type="radio"/> 5th Year or Higher Undergraduate</p> <p><input type="radio"/> Undergraduate (unclassified)</p> <p><input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses</p> <p><input type="radio"/> 1st year Graduate</p> <p><input type="radio"/> Beyond 1st year Graduate</p> <p><input type="radio"/> Graduate (unclassified)</p> <p><input type="radio"/> Unknown</p> </div>

Item name	Label / Wording
BEDEGDATE16	Degree completion date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA16	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS16	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP16	Cumulative Clock Hours Completed <input type="text"/>
BECRDHR16	Total Number of Credit Hours in Program <input type="text"/>
BECRDCOMP16	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT16	Total Tuition and Mandatory Fees CHARGED
BTUNJURI16	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL16	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP16MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE16MJR1	First Major <input type="text"/>
BECIP16MAJ2	Second Major CIP Code <input data-bbox="1092 499 1386 617" type="text" value="NNNNNN
BECREMJR1"/>
BECRE16MJR2	Second Major <input type="text"/>
BTM16ST[01-12]	Enrollment Status [for term 1-12] <ul style="list-style-type: none"> <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>
BTM16HR[01-12]	Number of Credit or Clock Hours Enrolled [for term 1-12] <input type="text"/> <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>

Item name	Label / Wording
Section: Enrollment for 2016-17 Academic Year	
BENR17	<p>Student enrolled in the 2016-2017 academic year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
BENLA17DEG	<p>Program/Degree</p> <p>In what degree program was this student enrolled on June 30, 2017? If the student was no longer enrolled on June 30, 2017, report the degree program for his or her last term enrolled between July 1, 2016 and June 30, 2017.</p> <p>If the student was enrolled in more than one program, enter the highest degree program. If the student was enrolled in a dual degree program in which both degrees are the same level (such as a dual MD/PhD or dual MA/MBA), select the student's primary degree program.</p> <p><input type="radio"/> Enrolled in undergraduate courses, not in a degree program</p> <p><input type="radio"/> Undergraduate certificate or diploma (occupational or technical program)</p> <p><input type="radio"/> Associate's degree</p> <p><input type="radio"/> Bachelor's degree</p> <p><input type="radio"/> Enrolled in graduate courses, not in a degree program</p> <p><input type="radio"/> Post-baccalaureate certificate program</p> <p><input type="radio"/> Dual bachelor's/master's degree</p> <p><input type="radio"/> Master's degree</p> <p><input type="radio"/> Post-master's certificate</p> <p><input type="radio"/> Doctoral degree - research/scholarship</p> <p><input type="radio"/> Doctoral degree - professional practice</p> <p><input type="radio"/> Doctoral degree - other</p> <p><input type="radio"/> Unknown</p>

Item name	Label / Wording
BENAD17TYP	<p>Graduate Degree Type</p> <p>In what type of graduate degree program was this student enrolled on June 30, 2017? If the student was no longer enrolled on June 30, 2017, report the graduate degree program type for his or her last term during his or her last term enrolled between July 1, 2016 and June 30, 2017.</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <ul style="list-style-type: none"> <input type="radio"/> Master of Science (MS) <input type="radio"/> Master of Arts (MA) <input type="radio"/> Master of Education (Med) or Teaching (MAT) <input type="radio"/> Master of Business Administration (MBA) <input type="radio"/> Master of Public Administration (MPA) <input type="radio"/> Master of Social Work (MSW) <input type="radio"/> Master of Fine Arts (MFA) <input type="radio"/> Master of Public Health (MPH) <input type="radio"/> Master of Divinity (MDiv) <input type="radio"/> Other master's degree program not listed </div> <div style="width: 50%;"> <ul style="list-style-type: none"> <input type="radio"/> Doctor of Philosophy (PhD) <input type="radio"/> Doctor of Education (EdD) <input type="radio"/> Doctor of Science or Engineering <input type="radio"/> Doctor of Psychology (PsyD) <input type="radio"/> Doctor of Business or Public Admin (DBA, DPA) <input type="radio"/> Doctor of Fine Arts (DFA) <input type="radio"/> Doctor of Theology (ThD) <input type="radio"/> Law (JD, LLB) <input type="radio"/> Medicine or Osteopathic Medicine (MD, DO) <input type="radio"/> Dentistry (DDS, DMD) <input type="radio"/> Chiropractic (DC, DCM) <input type="radio"/> Pharmacy (PharmD) <input type="radio"/> Optometry (OD) <input type="radio"/> Podiatry (DPM, DP, PodD) <input type="radio"/> Veterinary medicine (DVM) <input type="radio"/> Other doctoral degree not listed </div> </div>
BENLALVL17	<p>Class Level</p> <p>Enter the student's class level as of June 30, 2017. If the student was no longer enrolled on June 30, provide the student's class level during his or her last term enrolled between July 1, 2016 and June 30, 2017.</p> <ul style="list-style-type: none"> <input type="radio"/> First-Year/Freshman <input type="radio"/> Sophomore <input type="radio"/> Junior <input type="radio"/> Senior <input type="radio"/> 5th Year or Higher Undergraduate <input type="radio"/> Undergraduate (unclassified) <input type="radio"/> Student with bachelor's or advanced degree taking undergraduate courses <input type="radio"/> 1st year Graduate <input type="radio"/> Beyond 1st year Graduate <input type="radio"/> Graduate (unclassified) <input type="radio"/> Unknown

Item name	Label / Wording
BEDEGDATE17	Degree completion date Month: <input type="text" value="-Select one-"/> Day: <input type="text" value="-Select one-"/> Year: <input type="text" value="-Select one-"/>
BENFGPA17	Cumulative (Unweighted) GPA <input type="text"/>
BECLKHRS17	Total Number of Clock Hours in Program <input type="text"/>
BECLKCOMP17	Cumulative Clock Hours Completed <input type="text"/>
BECRDHS17	Total Number of Credit Hours in Program <input type="text"/>
BECRDCOMP17	Cumulative Credit Hours Completed <input type="text"/>
BTTUITOT17	Total Tuition and Mandatory Fees CHARGED
BTUNJURI17	Residency for Tuition Purposes <input type="radio"/> In-district <input type="radio"/> In-state <input type="radio"/> Out-of-state <input type="radio"/> No differential tuition based on residency <input type="radio"/> Unknown
BEUNDECL17	Major Undeclared <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
BECIP17MAJ1	First Major CIP Code <input type="text" value="NNNNNN"/>
BECRE17MJR1	First Major <input type="text"/>
BECIP17MAJ2	Second Major CIP Code <input data-bbox="1091 499 1386 615" type="text" value="NNNNNN
BECREMJR1"/>
BECRE17MJR2	Second Major <input type="text"/>
BTM17ST[01-12]	Enrollment Status [for term 1-12] <ul style="list-style-type: none"> <input type="radio"/> Not enrolled <input type="radio"/> Full-time <input type="radio"/> ¾-time <input type="radio"/> Half-time <input type="radio"/> Less than half-time <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>
BTM17HR[01-12]	Number of Credit or Clock Hours Enrolled [for term 1-12] <input type="text"/> <p><i>NOTE: This item repeats for each term for up to 12 terms.</i></p>

Item name	Label / Wording
Section: Budget for 2011-12 Academic Year	
CNPERIOD12	Budget Period <ul style="list-style-type: none"> <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term <input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES12	Student Residence <ul style="list-style-type: none"> <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown
CTUITION12	Tuition/Fees <input style="width: 100px; height: 20px;" type="text"/>
CNESROOM12	Room and Board <input style="width: 100px; height: 20px;" type="text"/>
CNESBOOK12	Books/supplies <input style="width: 100px; height: 20px;" type="text"/>
CNETRANS12	Transportation <input style="width: 100px; height: 20px;" type="text"/>
CNESCOMP12	Computer/Technology <input style="width: 100px; height: 20px;" type="text"/>
CNEHLTB12	Health Insurance <input style="width: 100px; height: 20px;" type="text"/>
CNEOTHER12	All Other <input style="width: 100px; height: 20px;" type="text"/>
CTOTLCOA12	Total <input style="width: 100px; height: 20px;" type="text"/>

Item name	Label / Wording	
Section: Budget for 2012-13 Academic Year		
CNPERIOD13	Budget Period <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term	<input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES13	Student Residence <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown	
CTUITION13	Tuition/Fees	<input type="text"/>
CNESROOM13	Room and Board	<input type="text"/>
CNESBOOK13	Books/supplies	<input type="text"/>
CNETRANS13	Transportation	<input type="text"/>
CNESCOMP13	Computer/Technology	<input type="text"/>
CNEHLTB13	Health Insurance	<input type="text"/>
CNEOTHER13	All Other	<input type="text"/>
CTOTLCOA13	Total	<input type="text"/>

Item name	Label / Wording	
Section: Budget for 2013-14 Academic Year		
CNPERIOD14	Budget Period <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term	<input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES14	Student Residence <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown	
CTUITION14	Tuition/Fees	<input type="text"/>
CNESROOM14	Room and Board	<input type="text"/>
CNESBOOK14	Books/supplies	<input type="text"/>
CNETRANS14	Transportation	<input type="text"/>
CNESCOMP14	Computer/Technology	<input type="text"/>
CNEHLTB14	Health Insurance	<input type="text"/>
CNEOTHER14	All Other	<input type="text"/>
CTOTLCOA14	Total	<input type="text"/>

Item name	Label / Wording	
Section: Budget for 2014-15 Academic Year		
CNPERIOD15	Budget Period <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term	<input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES15	Student Residence <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown	
CTUITION15	Tuition/Fees	<input type="text"/>
CNESROOM15	Room and Board	<input type="text"/>
CNESBOOK15	Books/supplies	<input type="text"/>
CNETRANS15	Transportation	<input type="text"/>
CNESCOMP15	Computer/Technology	<input type="text"/>
CNEHLTB15	Health Insurance	<input type="text"/>
CNEOTHER15	All Other	<input type="text"/>
CTOTLCOA15	Total	<input type="text"/>

Item name	Label / Wording	
Section: Budget for 2015-16 Academic Year		
CNPERIOD16	Budget Period <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term	<input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES16	Student Residence <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown	
CTUITION16	Tuition/Fees	<input type="text"/>
CNESROOM16	Room and Board	<input type="text"/>
CNESBOOK16	Books/supplies	<input type="text"/>
CNETRANS16	Transportation	<input type="text"/>
CNESCOMP16	Computer/Technology	<input type="text"/>
CNEHLTB16	Health Insurance	<input type="text"/>
CNEOTHER16	All Other	<input type="text"/>
CTOTLCOA16	Total	<input type="text"/>

Item name	Label / Wording	
Section: Budget for 2016-17 Academic Year		
CNPERIOD17	Budget Period <input type="radio"/> Full-time, full-year <input type="radio"/> Full-time, one term <input type="radio"/> 3/4 -time, full-year <input type="radio"/> 3/4 -time, one term	<input type="radio"/> Half-time, full-year <input type="radio"/> Half -time, one term <input type="radio"/> Less than half-time, full-year <input type="radio"/> Less than half-time, one term <input type="radio"/> Other
CNLCLRES17	Student Residence <input type="radio"/> On-campus or school-owned housing <input type="radio"/> Off-campus without parents <input type="radio"/> Off-campus with parents <input type="radio"/> Unknown	
CTUITION17	Tuition/Fees	<input type="text"/>
CNESROOM17	Room and Board	<input type="text"/>
CNESBOOK17	Books/supplies	<input type="text"/>
CNETRANS17	Transportation	<input type="text"/>
CNESCOMP17	Computer/Technology	<input type="text"/>
CNEHLTB17	Health Insurance	<input type="text"/>
CNEOTHER17	All Other	<input type="text"/>
CTOTLCOA17	Total	<input type="text"/>

Item name	Label / Wording
Section: Financial Aid for 2011-12 Academic Year	
CFAWARN12	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2011 to June 30, 2012 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB12	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2011 to June 30, 2012 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG12	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2011 to June 30, 2012 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID12	<p>Student had federal aid for the July 1, 2011 to June 30, 2012 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL12	<p>Pell Grant amount</p> <input type="text"/>
CFASSTAF12	<p>Subsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFAUSTAF12	<p>Unsubsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFADPLUS12	<p>Parent PLUS loan amount</p> <input type="text"/>
CFAGPLUS12	<p>Graduate PLUS loan amount</p> <input type="text"/>

Item name	Label / Wording
CFATEACH12	Federal TEACH grant amount <input type="text"/>
CPERKINS12	Perkins Loan amount <input type="text"/>
CFAFSEOG12	Federal SEOG Grant amount <input type="text"/>
CFATDFWS12	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ12	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET12	Veterans Benefits amount <input type="text"/>
CFASTATAID12	<p>Student had state aid for the July 1, 2011 to June 30, 2012 financial aid year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
CF[01-03]STATE12	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP12	<p>State Aid Program [1-3] Type</p> <p> <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other </p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT12	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID12	Student had institution aid for the July 1, 2011 to June 30, 2012 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA12INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA12ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA12IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID12	Student had graduate aid for the July 1, 2011 to June 30, 2012 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA12GR TYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA12GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV12	<p>Student had private aid or other government aid for the July 1, 2011 to June 30, 2012 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP12	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT12	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID12	<p>Student had other aid for the July 1, 2011 to June 30, 2012 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CFA[1-3]OTHNAM12	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH TYP12	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH SRC12	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution</p> <p><input type="radio"/> State</p> <p><input type="radio"/> Federal</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH AMT12	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Item name	Label / Wording
Section: Financial Aid for 2012-13 Academic Year	
CFAWARN13	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2012 to June 30, 2013 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB13	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2012 to June 30, 2013 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG13	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2012 to June 30, 2013 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID13	<p>Student had federal aid for the July 1, 2012 to June 30, 2013 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL13	<p>Pell Grant amount</p> <input type="text"/>
CFASSTAF13	<p>Subsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFAUSTAF13	<p>Unsubsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFADPLUS13	<p>Parent PLUS loan amount</p> <input type="text"/>

Item name	Label / Wording
CFAGPLUS13	Graduate PLUS loan amount <input type="text"/>
CFATEACH13	Federal TEACH grant amount <input type="text"/>
CPERKINS13	Perkins Loan amount <input type="text"/>
CFAFSEOG13	Federal SEOG Grant amount <input type="text"/>
CFATDFWS13	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ13	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET13	Veterans Benefits amount <input type="text"/>
CFASTATAID13	<p>Student had state aid for the July 1, 2012 to June 30, 2013 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CF[01-03]STATE13	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP13	<p>State Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT13	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID13	Student had institution aid for the July 1, 2012 to June 30, 2013 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA13INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA13ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA13IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID13	Student had graduate aid for the July 1, 2012 to June 30, 2013 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA13GR TYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA13GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV13	<p>Student had private aid or other government aid for the July 1, 2012 to June 30, 2013 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP13	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT13	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID13	<p>Student had other aid for the July 1, 2012 to June 30, 2013 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CFA[1-3]OTHNAM13	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH TYP13	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH SRC13	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution</p> <p><input type="radio"/> State</p> <p><input type="radio"/> Federal</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH AMT13	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Item name	Label / Wording
Section: Financial Aid for 2013-14 Academic Year	
CFAWARN14	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2013 to June 30, 2014 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB14	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2013 to June 30, 2014 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG14	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2013 to June 30, 2014 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID14	<p>Student had federal aid for the July 1, 2013 to June 30, 2014 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL14	<p>Pell Grant amount</p> <input type="text"/>
CFASSTAF14	<p>Subsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFAUSTAF14	<p>Unsubsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFADPLUS14	<p>Parent PLUS loan amount</p> <input type="text"/>
CFAGPLUS14	<p>Graduate PLUS loan amount</p> <input type="text"/>

Item name	Label / Wording
CFATEACH14	Federal TEACH grant amount <input type="text"/>
CPERKINS14	Perkins Loan amount <input type="text"/>
CFAFSEOG14	Federal SEOG Grant amount <input type="text"/>
CFATDFWS14	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ14	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET14	Veterans Benefits amount <input type="text"/>
CFASTATAID14	<p>Student had state aid for the July 1, 2013 to June 30, 2014 financial aid year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
CF[01-03]STATE14	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP14	<p>State Aid Program [1-3] Type</p> <p> <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other </p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT14	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID14	Student had institution aid for the July 1, 2013 to June 30, 2014 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA14INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA14ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA14IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID14	Student had graduate aid for the July 1, 2013 to June 30, 2014 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA14GR TYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA14GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV14	<p>Student had private aid or other government aid for the July 1, 2013 to June 30, 2014 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP14	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT14	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID14	<p>Student had other aid for the July 1, 2013 to June 30, 2014 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CFA[1-3]OTHNAM14	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHHTYP14	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHSRC14	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution</p> <p><input type="radio"/> State</p> <p><input type="radio"/> Federal</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHAMT14	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Item name	Label / Wording
Section: Financial Aid for 2014-15 Academic Year	
CFAWARN15	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2014 to June 30, 2015 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB15	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2014 to June 30, 2015 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG15	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2014 to June 30, 2015 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID15	<p>Student had federal aid for the July 1, 2014 to June 30, 2015 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL15	<p>Pell Grant amount</p> <input type="text"/>
CFASSTAF15	<p>Subsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFAUSTAF15	<p>Unsubsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFADPLUS15	<p>Parent PLUS loan amount</p> <input type="text"/>
CFAGPLUS15	<p>Graduate PLUS loan amount</p> <input type="text"/>

Item name	Label / Wording
CFATEACH15	Federal TEACH grant amount <input type="text"/>
CPERKINS15	Perkins Loan amount <input type="text"/>
CFAFSEOG15	Federal SEOG Grant amount <input type="text"/>
CFATDFWS15	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ15	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET15	Veterans Benefits amount <input type="text"/>
CFASTATAID15	<p>Student had state aid for the July 1, 2014 to June 30, 2015 financial aid year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
CF[01-03]STATE15	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP15	<p>State Aid Program [1-3] Type</p> <p> <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other </p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT15	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID15	Student had institution aid for the July 1, 2014 to June 30, 2015 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA15INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA15ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA15IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID15	Student had graduate aid for the July 1, 2014 to June 30, 2015 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA15GR TYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA15GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV15	<p>Student had private aid or other government aid for the July 1, 2014 to June 30, 2015 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP15	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT15	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID15	<p>Student had other aid for the July 1, 2014 to June 30, 2015 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CFA[1-3]OTHNAM15	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH TYP15	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH SRC15	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution</p> <p><input type="radio"/> State</p> <p><input type="radio"/> Federal</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH AMT15	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Item name	Label / Wording
Section: Financial Aid for 2015-16 Academic Year	
CFAWARN16	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2015 to June 30, 2016 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB16	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2015 to June 30, 2016 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG16	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2015 to June 30, 2016 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID16	<p>Student had federal aid for the July 1, 2015 to June 30, 2016 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL16	<p>Pell Grant amount <input type="text"/></p>
CFASSTAF16	<p>Subsidized Direct/Stafford Loan amount <input type="text"/></p>
CFAUSTAF16	<p>Unsubsidized Direct/Stafford Loan amount <input type="text"/></p>
CFADPLUS16	<p>Parent PLUS loan amount <input type="text"/></p>
CFAGPLUS16	<p>Graduate PLUS loan amount <input type="text"/></p>

Item name	Label / Wording
CFATEACH16	Federal TEACH grant amount <input type="text"/>
CPERKINS16	Perkins Loan amount <input type="text"/>
CFAFSEOG16	Federal SEOG Grant amount <input type="text"/>
CFATDFWS16	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ16	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET16	Veterans Benefits amount <input type="text"/>
CFASTATAID16	<p>Student had state aid for the July 1, 2015 to June 30, 2016 financial aid year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
CF[01-03]STATE16	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP16	<p>State Aid Program [1-3] Type</p> <p> <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other </p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT16	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID16	Student had institution aid for the July 1, 2015 to June 30, 2016 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA16INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA16ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA16IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID16	Student had graduate aid for the July 1, 2015 to June 30, 2016 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA16GRTYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA16GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV16	<p>Student had private aid or other government aid for the July 1, 2015 to June 30, 2016 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP16	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT16	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID16	<p>Student had other aid for the July 1, 2015 to June 30, 2016 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFA[1-3]OTHNAM16	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHTYP16	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHSRC16	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution <input type="radio"/> State <input type="radio"/> Federal <input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTHAMT16	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Item name	Label / Wording
Section: Financial Aid for 2016-17 Academic Year	
CFAWARN17	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2016 to June 30, 2017 financial aid year, was the student placed on financial aid warning?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAPROB17	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2016 to June 30, 2017 financial aid year, was the student placed on financial aid probation?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAINELG17	<p>Because of your institution's Satisfactory Academic Progress policy, at any time during the July 1, 2016 to June 30, 2017 financial aid year, was the student ineligible to receive Title IV financial aid?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFAFEDAID17	<p>Student had federal aid for the July 1, 2016 to June 30, 2017 financial aid year?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>
CFADPELL17	<p>Pell Grant amount</p> <input type="text"/>
CFASSTAF17	<p>Subsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFAUSTAF17	<p>Unsubsidized Direct/Stafford Loan amount</p> <input type="text"/>
CFADPLUS17	<p>Parent PLUS loan amount</p> <input type="text"/>
CFAGPLUS17	<p>Graduate PLUS loan amount</p> <input type="text"/>

Item name	Label / Wording
CFATEACH17	Federal TEACH grant amount <input type="text"/>
CPERKINS17	Perkins Loan amount <input type="text"/>
CFAFSEOG17	Federal SEOG Grant amount <input type="text"/>
CFATDFWS17	Federal Work Study AWARDED amount <input type="text"/>
CFAIRAQ17	Iraq & Afghanistan Service Grant amount <input type="text"/>
CFATVET17	Veterans Benefits amount <input type="text"/>
CFASTATAID17	<p>Student had state aid for the July 1, 2016 to June 30, 2017 financial aid year?</p> <p> <input type="radio"/> Yes <input type="radio"/> No </p>
CF[01-03]STATE17	<p>State Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>
CF[01-03]STTYP17	<p>State Aid Program [1-3] Type</p> <p> <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other </p> <p><i>NOTE: This item repeats for up to 3 state aid programs.</i></p>

Item name	Label / Wording
C[01-03]STAMT17	State Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 state aid programs.</i>
CFAINSTAID17	Student had institution aid for the July 1, 2016 to June 30, 2017 financial aid year? <input type="radio"/> Yes <input type="radio"/> No
CFA17INS[01-03]	Institution Aid Program [1-3] Name <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA17ITYP[01-03]	Institution aid program [1-3] type <input type="radio"/> Grants/scholarship, need-based <input type="radio"/> Grants/scholarship, merit-based <input type="radio"/> Grants/scholarship, both need and merit <input type="radio"/> Grants/scholarship, neither need nor merit <input type="radio"/> Tuition waiver <input type="radio"/> Loan <input type="radio"/> Work-study or assistantship <input type="radio"/> Athletic scholarship <input type="radio"/> Other <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFA17IAMT[01-03]	Institution Aid Program [1-3] Amount <input type="text"/> <i>NOTE: This item repeats for up to 3 institution aid programs.</i>
CFAGRAID17	Student had graduate aid for the July 1, 2016 to June 30, 2017 financial aid year? <input type="radio"/> Yes <input type="radio"/> No

Item name	Label / Wording
CFA17GRYP[01-03]	<p>Graduate Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Fellowship/scholarship <input type="radio"/> Institutional loan <input type="radio"/> Federal fellowship <input type="radio"/> Federal traineeship <input type="radio"/> Teaching assistantship/stipend <input type="radio"/> Research assistantship/stipend <input type="radio"/> Other assistantship/stipend <input type="radio"/> Student tuition waivers <input type="radio"/> Faculty/staff tuition waivers <input type="radio"/> Institutional work study <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFA17GRAMT[01-03]	<p>Graduate Aid Program [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 graduate aid programs.</i></p>
CFAOTHGOV17	<p>Student had private aid or other government aid for the July 1, 2016 to June 30, 2017 financial aid year?</p> <ul style="list-style-type: none"> <input type="radio"/> Yes <input type="radio"/> No
CFA[1-3]GOVTYP17	<p>Private Aid or Other Government Aid Program [1-3] Type</p> <ul style="list-style-type: none"> <input type="radio"/> Private Loans <input type="radio"/> Scholarships/Grants from Private Organizations <input type="radio"/> Employer Paid Tuition <input type="radio"/> ROTC/Armed Forces Grants <input type="radio"/> WIA/Job Training/ Vocational Rehabilitation <input type="radio"/> Bureau of Indian Affairs Grants <input type="radio"/> Scholarships/Grants from Outside State Agency <input type="radio"/> DC Tuition Assistance Grant <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>
CFA[1-3]GOVAMT17	<p>Private Aid or Other Government Aid [1-3] Amount <input style="width: 150px; height: 20px;" type="text"/></p> <p><i>NOTE: This item repeats for up to 3 private or other government aid programs.</i></p>

Item name	Label / Wording
CFAOTHAID17	<p>Student had other aid for the July 1, 2016 to June 30, 2017 financial aid year?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>
CFA[1-3]OTHNAM17	<p>Other Aid Program [1-3] Name <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH TYP17	<p>Other Aid Program [1-3] Type</p> <p><input type="radio"/> Grants/scholarship, need-based</p> <p><input type="radio"/> Grants/scholarship, merit-based</p> <p><input type="radio"/> Grants/scholarship, both need and merit</p> <p><input type="radio"/> Grants/scholarship, neither need nor merit</p> <p><input type="radio"/> Tuition waiver</p> <p><input type="radio"/> Loan</p> <p><input type="radio"/> Work-study or assistantship</p> <p><input type="radio"/> Athletic scholarship</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH SRC17	<p>Other Aid Program [1-3] Source</p> <p><input type="radio"/> Institution</p> <p><input type="radio"/> State</p> <p><input type="radio"/> Federal</p> <p><input type="radio"/> Other</p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>
CFA[1-3]OTH AMT17	<p>Other Aid Program [1-3] Amount <input type="text"/></p> <p><i>NOTE: This item repeats for up to 3 other aid programs.</i></p>

Appendix C: Notification Materials for Data Collection

Appendix C.1:

Transcript Contacting Materials

Introductory Contact Materials for the Institutional Research Director or Chief Administrator—Not Study Specific

- Introduces the Postsecondary Data Portal (PDP)
- Not study specific
- Contents:
 - Letter from NCES associate commissioner
 - Packet providing overview of the PDP

Letter to Institutions—Not Study Specific

Postsecondary Data Portal (PDP) Packet Contents (Not study specific)

PDP Packet Letter

<date>

Dear Institutional Research Staff and Officials:

The National Center for Education Statistics (NCES) within the U.S. Department of Education's Institute of Education Sciences fulfills a Congressional mandate to collect, collate, analyze, and report complete statistics on the condition of American education. One way in which we collect data is through postsecondary-level sample surveys, many of which require that we work with U.S. institutions to collect transcripts and student records for student samples. We will also interview students themselves, who provide much-needed information on their experiences as they begin, leave, and re-enter postsecondary study, transfer between institutions, and complete programs at all levels of institutions. The combination of institution- and student-provided data affords researchers the opportunity to fully characterize the paths taken by today's college students, and provides them an important link between academic experiences, performance, and outcomes.

Recognizing that NCES data collection requests add to the workload of institution staff tasked with providing the requested data, and that several of NCES' postsecondary studies require that data be collected from institutions, NCES developed the secure Postsecondary Data Portal (PDP) website. The PDP is now the single location through which institutions will provide data required by any and all NCES postsecondary sample-based data collections. In addition, to the extent possible, studies running through the PDP will be requesting the same types of data for all selected students, further simplifying the data collection process. Institution staff will only need to learn the layout and functionality of one system, instead of having to learn a different system for every study.

The user friendly PDP (<https://surveys.nces.ed.gov/Portal/>) offers institutions several modes for providing data; an institution may choose its preferred method(s). Each data entry module is password-protected, so users will be required to log in before they are allowed access to confidential data and the Secure Sockets Layer (SSL) protocol is in place to encrypt data transmitted over the Internet through the PDP website.

NCES has contracted with RTI International (RTI) to carry out the institution data collections for several ongoing postsecondary studies. Your cooperation with RTI is greatly appreciated. Please be on the lookout for a request for data. The request packet will provide further detail and instructions.

For further information or questions, please contact the PDP Help Desk at 1-855-500-1441 (toll free) or via e-mail at PortalHelp@rti.org.

Sincerely,

Christopher Chapman
Associate Commissioner
National Center for Education Statistics

PDP Packet Contents

Folder Cover:

National Center for Education Statistics (NCES) Sample Studies
and the Postsecondary Data Portal

2017 PDP Packet Contents (each topic will be presented on its own sheet of paper in the PDP materials):

What is the Postsecondary Data Portal (PDP) website?

The PDP website (<https://surveys.nces.ed.gov/Portal/>) serves as a portal for U.S. postsecondary institutions to provide data for sample studies conducted by the National Center for Education Statistics (NCES), United States Department of Education. Each study collects data that are used by NCES for reporting and analysis and, in aggregate form (e.g., statistical tables, graphs), will be released to the public. Background information on any of the studies using the PDP can be accessed from the Home page.

The PDP was developed to provide institutions with a single website/single system through which to manage NCES data requests. Moreover, the PDP provides institutions with a secure means of transmitting their data to NCES. Secure Sockets Layer (SSL) protocol encrypts data transmitted over the Internet. Each data entry module is password-protected, requiring users to log in before they may access confidential data.

What types of data are being collected?

The PDP was first used in 2016 to collect institution enrollment lists and record data, including information on the enrollment status, demographic characteristics, and financial assistance for each sampled student for a single academic year.

Depending on the particular data needs of a study, the PDP also can be used to collect student transcripts, for one-time collections of institution record data across multiple academic years, and for annual institution record data updates.

In addition to transcript and institution record data, most of the NCES sample surveys also include interviews with student samples, providing researchers with a unique perspective on students' experiences in postsecondary education and beyond.

Which studies will collect data in 2017?

Two NCES longitudinal studies will be collecting institution data and transcripts in 2017, beginning in February.

The *Beginning Postsecondary Students Longitudinal Study (BPS)* surveys "first-time" college students at three points in time: at the end of their first year, in their 3rd academic, and in their 6th academic year after first starting in postsecondary education. BPS collects data on student demographic characteristics, school and work experiences, enrollment persistence, transfers, degree attainment, and transition to employment. In 2017, data will be collected for the BPS:12 student cohort who started college, for the first time after leaving high school, during the 2011-12 academic year.

The *High School Longitudinal Study of 2009* (HSLs:09) is a nationally representative, longitudinal study following a cohort of students who were in ninth grade during the 2009-2010 school year. The study focuses on understanding how high school experiences affect young adults' learning and their education and career choices over time. The study also explores young adults' transitions from high school to college, to the labor force, or to adult roles. Of special interest is course-taking and career preparation in science, technology, engineering, and math (STEM).

What privacy and confidentiality assurances are in place?

Both NCES and RTI International follow strict procedures to protect the privacy and confidentiality of study participants and data. All project staff have signed confidentiality agreements and affidavits of nondisclosure. All data released to the general public (e.g., statistical tables) will be designed so that it will not be possible to identify individuals. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

Why should your institution participate?

The quality and affordability of postsecondary education are vital concerns for students and their families. The data collected from transcripts, institution records, and student interviews provide much-needed information on the course of study of today's college students as they begin, leave, and re-enter postsecondary study; transfer between institutions; and complete programs at all levels of institutions. The combination of these data affords researchers the opportunity to summarize the undergraduate and graduate paths taken by sample members, providing an important link between academic performance and outcomes.

Study-Specific Contact Materials for the Institutional Research Director or Chief Administrator—Joint Study Collection

- Letter requesting institution's participation in transcript and student records collection for two studies

Transcript and Student Records Collection Letter to Institutional Research Director or Chief Administrator—Joint Study Collection

The text of the letter is also sent in an e-mail.

(date)

(Salutation) (FirstName) (LastName)

(Title)

(Institution)

(Address)

(City), (State) (Zip)

Dear (Salutation) (LastName):

[A student/Students] from (Institution) [has/have] been participating in one of two longitudinal studies that are being conducted by the National Center for Education Statistics with data collection being carried out by RTI International, a nonprofit research organization. The studies are

- the High School Longitudinal Study of 2009 (HSLs:09); and
- the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12).

HSLs:09 collects information on individuals who were sampled from their high schools as 9th graders in the 2009-2010 academic year and focuses on understanding how high school experiences affect young adults' learning and their education and career choices. BPS:12 collects information, such as students' postsecondary experiences, work while enrolled, persistence in school, degree completion, and employment following enrollment, from individuals who began their postsecondary education for the first time in the 2011-12 academic year. The next phase in the data collections for HSLs:09 and BPS:12 is to collect transcript and student record data from institutions attended by students in these studies, including (Institution).

The enclosed materials describe our data collection process and provide a summary description of the laws and procedures safeguarding the collected data. NCES is authorized to conduct these studies by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). Additional information, including reports based on data from previous rounds of HSLs:09 and BPS:12, is available on the NCES website at <https://nces.ed.gov/surveys/>.

We ask that you log in to the secure NCES Postsecondary Data Portal website and designate a primary coordinator (PC) for the 2017 institution data collections. The login information is included at the bottom of this letter. (Please note that the password is temporary and you will need to create a new one the first time you log in.) Please also pass along the two request packets you received with this letter to the PC. RTI staff will be in touch with him/her to answer questions and will send another copy of the request packets, if needed.

If you have any questions about the studies or the data collection process, please contact the Help Desk at 1-855-500-1441 or via e-mail at PortalHelp@rti.org. You may also direct questions to Sean Simone, Ph.D. at NCES at 1-202-245-7631 or at Sean.Simone@ed.gov.

We look forward to your participation in this important study. Thank you for your cooperation.

Sincerely,

Christopher Chapman
Associate Commissioner
National Center for Education Statistics

Enclosures

For more information on the data collection, please visit:

<https://surveys.nces.ed.gov/portal>

IR Director user name: (UserName)

Your temporary password: (Password)

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSL:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 3.3 hours per response (HSL:09) and 11.6 hours per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Contacting Materials—Joint Study Collection

- Letter to registrar or designee from RTI
- Letter to registrar or designee from NCES commissioner
- Letter from endorsing organization(s)
- Additional students letter
- Additional students of nonrespondent institutions letter
- Letter to coordinator—Transcripts submitted
- Letter to coordinator—Transcripts not received
- Letter to registrar or designee—No progress in 2017 collection
- List of endorsing associations and organizations
- Instructions for providing transcript data
- FERPA fact sheet
- Brochure text
- Disclosure notice
- Fax test page
- Fax transmittal sheet
- Catalog transmittal sheet
- Email reminder to registrar or designee

Transcript Collection—Request Letter from RTI to Registrar or Designee— Joint Study Collection

The text of the letter is also sent in an e-mail.

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {FirstName} {LastName}:

As was relayed to {fill name of IR director}, [a student/students] from {Institution} [has/have] been participating in one of two longitudinal studies that are being conducted by the National Center for Education Statistics with data collection being carried out by RTI International, a nonprofit research organization. The studies are

- the High School Longitudinal Study of 2009 (HSL:09); and
- the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12).

HSL:09 collects information on individuals who were sampled from their high schools as 9th graders in 2009 and focuses on understanding how high school experiences affect young adults' learning and their educational and career choices. BPS:12 collects information, such as the students' postsecondary experiences, work while enrolled, persistence in school, degree completion, and employment following enrollment, from individuals who began their postsecondary education for the first time in 2011-12. The next phase in the data collections for HSL:09 and BPS:12 is to collect transcript and student record data from institutions attended by students in these studies, including (Institution). We have enclosed a letter from Christopher Chapman, Associate Commissioner of NCES, reiterating the importance of this collection.

We are writing to request transcripts for {RequestNumber} sample member{s} who attended your institution. To facilitate our coding of your institution's transcripts, it would be helpful to also receive a mapping of your institution's degree programs and courses to the Classification of Instructional Programs, if such a mapping exists.

A list of students for whom transcripts are requested is posted, with their student ID numbers and dates of birth, at the secure NCES Postsecondary Data Portal website listed in the box below. To gain access to the site, you will need to log in using the username and password printed at the bottom of this letter. Included with this package, and on the PDP website, are detailed instructions for preparing and transmitting transcript data to RTI. Also available at the website are instructions for obtaining reimbursement for the requested transcripts, should your institution require it. We would appreciate receiving the requested transcript data on or before {DueDate}. Please do not hesitate to call me if you feel you need to have a later delivery date.

Thank you in advance for your timely participation in this important effort. Please feel free to contact us for additional information. You can reach us by telephone at 1-855-500-1441 or e-mail at PortalHelp@rti.org.

Sincerely,

Daniel Pratt
Director, HSLS:09

Mike Bryan
Director, BPS:12 PETS

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

Primary Coordinator user name: {UserName}

Your temporary password: {password}

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLS:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLS:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSLS:09) and 10 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—Request Letter from NCES to Registrar or Designee— Joint Study Collection

The text of the letter is also sent in an e-mail.

<date>

Dear Registrars and Officials:

{EntityName} has been selected to participate in the High School Longitudinal Study of 2009 (HSLs:09) and 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Postsecondary Education Transcript Study being conducted by the National Center for Education Statistics (NCES), U.S. Department of Education. HSLs:09 collects information on individuals who were sampled from their high schools as 9th graders in 2009 and focuses on understanding how high school experiences affect young adults' learning and their educational and career choices. BPS:12 collects information, such as the students' postsecondary experiences, work while enrolled, persistence in school, degree completion, and employment following enrollment, from individuals who began their postsecondary education for the first time in 2011-12.

As part of these studies, NCES is requesting transcripts for sample members who have attended your institution. We have contracted with RTI International (RTI) to collect the transcripts, and your cooperation with RTI in this important study is greatly appreciated. The many secure options available to you for providing transcript data are described in the enclosed package.

Let me assure you that very stringent measures are in place to safeguard participants' information (see enclosed "Disclosure Notice" on the PDP). For the purposes of this collection, the Family Educational Rights and Privacy Act of 1974 (FERPA) permits educational institutions to disclose personally identifiable information from students' education records, without consent, to authorized representatives of the Secretary of Education in connection with an evaluation of federally supported education programs (34 CFR §§ 99.31(a)(3) and 99.35). All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). NCES is authorized to conduct these studies by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. The enclosed *Family Educational Rights and Privacy Act Fact Sheet* includes the text of the FERPA requirements, with passages that authorize this transcript data collection highlighted.

While we may need to contact you again should we learn that there are additional sample members who attended your institution, our processes and procedures are designed to minimize the burden on you and your staff. For further information or questions, please contact RTI's Help Desk at 1-855-500-1441 or PortalHelp@rti.org. You may also contact Sean Simone at NCES at (202) 245-7631 or Sean.Simone@ed.gov.

Sincerely,

Christopher Chapman
Associate Commissioner
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

Primary Coordinator user name: {UserName}

Your temporary password: {password}

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSL:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSL:09) and 10 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—Request Letter from Endorsing Agency to Registrar or Designee—Joint Study Collection

Dear Colleague:

I am writing to ask for your assistance with the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Postsecondary Education Transcript Study. These studies seek transcript data from postsecondary institutions to supplement student interview and other administrative data and are endorsed by {EndorsingAgencies}.

HSL:09 follows a cohort of students, sampled as 9th graders in 2009, through their education and employment experiences over time. BPS:12 collects data over time on students who began their postsecondary education for the first time in 2011-12, including information on students' postsecondary experiences, work while enrolled, persistence in school, degree completion, and employment following enrollment. The data are collected by RTI International for the National Center for Education Statistics (NCES) in the U.S. Department of Education's Institute of Education Sciences.

HSL:09 and BPS:12 postsecondary transcript data will be combined with data from student interviews, other institution records, and administrative databases to provide a total picture of each cohort. The enclosed materials describe the uses of the data.

Transcript data are being collected in compliance with the *Family Educational Rights and Privacy Act* (FERPA). The Family Educational Rights and Privacy Act of 1974 (FERPA) (20 U.S.C. §1232[g]) allows for the release of institution record information to the Secretary of Education or his agent without prior consent of survey members (34 CFR §§ 99.31(a)(3) and 99.35). NCES is authorized to conduct these studies by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151). RTI International, as the contractor for NCES, has been given the authority to collect information from institution records under federal law.

Your cooperation and assistance in providing transcripts to RTI in a timely manner will be greatly appreciated.

Sincerely,

{Name}
{TitleEndorsingAgency}

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

Primary Coordinator user name: {UserName}

Your temporary password: {password}

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLs:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSLs:09) and 10 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—NCES Letter to Registrar or Designee for Additional Students—Joint Study Collection

The text of the letter is also sent in an e-mail.

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {LastName}:

As you may recall, we contacted you recently to obtain transcripts for students who attended {EntityName} and are sample members in either the High School Longitudinal Study of 2009 (HSL:09) or the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Postsecondary Education Transcript Study being conducted by the National Center for Education Statistics (NCES) with data collection carried out by RTI. We want to thank you for your efforts in providing those valuable data. We are contacting you again to seek additional transcripts. In our previous communications we indicated that we may need to contact you again to request transcripts for additional sample members who we learn attended your institution. We are requesting transcripts for these {phase2_num} students. *[If only 1 student, then we would say: We are requesting the transcript for one additional student.]*

Included with this package are detailed instructions for preparing and transmitting transcript data to RTI. A list of students for whom transcripts are requested is posted at the secure PDP website listed in the box below. You may also wish to discuss obtaining reimbursement for the requested transcripts and can contact RTI's Help Desk at the information listed below. **We would appreciate receiving the requested transcript data on or before {DueDate}**. Please contact the Help Desk if you feel you need to have a later delivery date. You can contact the help desk by telephone at 1-855-500-1441 or e-mail at PortalHelp@rti.org.

Thank you in advance for your timely participation in this important effort.

Sincerely,

Elise Christopher, Ph.D.
Project Officer, HSL:09
National Center for Education Statistics

Sean Simone, Ph.D.
Project Officer, BPS:12 PETS
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

If you need assistance with your login credentials, please
contact the Help Desk.

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLs:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSLs:09) and 10 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—RTI Letter to Registrar or Designee for Additional Students of Nonrespondent Institutions—Joint Study Collection

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {LastName}:

We are writing to request your participation in the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Postsecondary Education Transcript Study for the National Center for Education Statistics (NCES), U.S. Department of Education. We are collecting the undergraduate transcripts of sample members participating in HSL:09 and BPS:12, and would like to request transcripts for {TotalCases} sample members who attended your institution. In order to accommodate competing demands on your time, we can be flexible on the date for submitting the requested data and will reimburse your institution for the cost of preparing the transcripts.

Assurance of confidentiality and legal authority. Transcript data are collected in full compliance with the provisions of the Family Educational Rights and Privacy Act (FERPA) that allow the release of student records to the Secretary of Education or his or her agent without prior written consent from students. NCES is authorized to conduct these studies by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization.

Stringent safeguards are in place to protect student confidentiality. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

Value of the data. Transcript data will be combined with study participants' interview data and other administrative records collected for them to create a rich longitudinal dataset. Your provision of the requested transcript data maximizes the time and effort students have already invested through their participation in the longitudinal studies.

Instructions for participating. Enclosed are instructions for preparing and transmitting transcript data to NCES, as well as brochures with additional information about the transcript collection and the studies being conducted. A list of students for whom transcripts are requested can be found at the secure NCES Postsecondary Data Portal website: <https://surveys.nces.ed.gov/portal>. The website also provides instructions for obtaining reimbursement. If you have questions about how to prepare and send transcript data, please contact the Help Desk at 1-855-500-1441 (toll free).

I would appreciate your sending us the requested transcript data by {due_date}, but please call (1-855-500-1441) or e-mail (PortalHelp@rti.org) if you need to adjust your delivery date. Thank you for your cooperation in this important data collection.

Sincerely,

Dan Pratt
Director, HSLS:09

Mike Bryan
Director, BPS:12 PETS

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

If you need assistance with your login credentials, please

contact the Help Desk.

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,

{fill name} for log in credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLS:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLS:09) and 1850-0631 (BPS:12). The time required to complete the collections is estimated to average approximately 30 minutes per response (HSLS:09) and 10 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—NCES Letter to Coordinator—HSLs:09 Transcripts Submitted—Joint Study Collection

The text of the letter is also sent in an e-mail.

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {LastName}:

As you may recall, we contacted you (fill: earlier this year/last year) to obtain transcripts and student records data for students who attended {EntityName} and are sample members in the High School Longitudinal Study of 2009 (HSLs:09) or the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) being conducted by the National Center for Education Statistics (NCES) with data collection carried out by RTI. We want to thank you for your efforts in providing those valuable data. (If Student Records not submitted: We have concluded the collection of student records data, but are continuing to collect transcripts.) We are contacting you again to seek additional transcripts. We are now requesting transcripts for {BPScount} student(s) who are participating in the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12).

Included with this package are detailed instructions for preparing and transmitting transcript data to RTI. A list of students for whom transcripts are requested is posted at the secure PDP website listed in the box below. You may also wish to discuss obtaining reimbursement for the requested transcripts and can contact RTI's Help Desk at the information listed below. **We would appreciate receiving the requested transcript data on or before {DueDate}.** Please contact the Help Desk if you feel you need to have a later delivery date. You can contact the help desk by telephone at 1-855-500-1441 or e-mail at PortalHelp@rti.org.

Thank you in advance for your timely participation in this important effort.

Sincerely,

Sean Simone, Ph.D.
Project Officer, BPS:12 PETS
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the 2017 primary coordinator, fill:

If you need assistance with your login credentials, please
contact the Help Desk.

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSL:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSL:09) and 60 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—NCES Letter to Coordinator—HSLs:09 Transcripts Not Received—Joint Study Collection

The text of the letter is also sent in an e-mail.

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {LastName}:

As you may recall, we contacted you (fill: earlier this year/last year) to obtain transcripts and student records data for students who attended {entity_name} and are sample members in the High School Longitudinal Study of 2009 (HSLs:09) or the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) being conducted by the National Center for Education Statistics (NCES) with data collection carried out by RTI. (IF Student Records outstanding: We have concluded the collection of student records data, but are continuing to collect transcripts.) (IF Student Records submitted: We want to thank you for your efforts in providing those valuable data.) We are contacting you again to seek *only the transcripts* for the sample members. There are {HSLs_BPScount} students in total.

Included with this package are detailed instructions for preparing and transmitting transcript data to RTI. A list of students for whom transcripts are requested is posted at the secure PDP website listed in the box below. You may also wish to discuss obtaining reimbursement for the requested transcripts and can contact RTI's Help Desk at the information listed below. **We would appreciate receiving the requested transcript data on or before {DueDate}**. Please contact the Help Desk if you feel you need to have a later delivery date. You can contact the help desk by telephone at 1-855-500-1441 or e-mail at PortalHelp@rti.org.

Thank you in advance for your timely participation in this important effort.

Sincerely,

Sean Simone, Ph.D.
Project Officer, BPS:12 PETS
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the 2017 primary coordinator, fill:

If you need assistance with your login credentials, please
contact the Help Desk.

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSL:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSL:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSL:09) and 60 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—Request Letter from RTI to Registrar or Designee— No Progress in 2017 Collection—Joint Study Collection

The text of the letter is also sent in an e-mail.

Note: This letter was accompanied by a copy of the previously sent *Transcript and Student Records Collection Letter to IR Director or Chief Administrator - Joint Study Collection* that was signed by Christopher Chapman (page C-9).

{date}

{FirstName} {LastName}
{Institution}
{Address}
{City}, {State} {Zip}

Dear {Salutation} {LastName}:

[A student/Students] from (Institution) [has/have] been participating in one of two longitudinal studies that are being conducted by the National Center for Education Statistics with data collection being carried out by RTI International, a nonprofit research organization. The studies are

- the High School Longitudinal Study of 2009 (HSLs:09); and
- the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12).

We are writing to request transcripts for {RequestNumber} sample member{s} who attended your institution.

HSLs:09 collects information on individuals who were sampled from their high schools as 9th graders in 2009 and focuses on understanding how high school experiences affect young adults' learning and their educational and career choices. BPS:12 collects information, such as the students' postsecondary experiences, work while enrolled, persistence in school, degree completion, and employment following enrollment, from individuals who began their postsecondary education for the first time in 2011-12. The next phase in the data collections for HSLs:09 and BPS:12 is to collect transcripts from institutions attended by students in these studies, including (Institution). We have enclosed a letter from Christopher Chapman, Associate Commissioner of NCEs, reiterating the importance of this collection.

A list of students for whom transcripts are requested is posted, with their student ID numbers and dates of birth, at the secure NCEs Postsecondary Data Portal website listed in the box below. To gain access to the site, you will need to log in using the username and password printed at the bottom of this letter. Included with this package, and on the PDP website, are detailed instructions for preparing and transmitting transcript data to RTI. Also available at the website are instructions for obtaining reimbursement for the requested transcripts, should your institution require it. We would appreciate receiving the requested transcript data on or before {DueDate}. Please do not hesitate to call me if you feel you need to have a later delivery date.

Thank you in advance for your timely participation in this important effort. Please feel free to contact us for additional information. You can reach us by telephone at 1-855-500-1441 or e-mail at PortalHelp@rti.org.

Sincerely,

Daniel Pratt
Director, HSLS:09

Mike Bryan
Director, BPS:12 PETS

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the 2017 primary coordinator, fill:

Primary Coordinator user name: {UserName}

Your temporary password: {password}

If mailing to other staff, fill:

User name: {UserName}

Your temporary password: {password}

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLS:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLS:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 30 minutes per response (HSLS:09) and 60 minutes per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Transcript Collection—Sample¹ List of Endorsing Associations and Organizations—Joint Study Collection

American Association of Collegiate Registrars and Admissions Officers
American Association of Community Colleges
American Association of State Colleges and Universities
American Council on Education
Association for Institutional Research
Association of Allied Schools of Health Professions
Association of American Colleges and Universities
Association of Catholic Colleges and Universities
Association of Private Sector Colleges and Universities
Association of Public and Land-grant Universities
Association of Schools of Allied Health Professions
Career College Association
The Carnegie Foundation for the Advancement of Teaching
The College Board
Council of Graduate Schools
Council of Independent Colleges
Hispanic Association of Colleges and Universities
Midwestern Higher Education Compact
National Accrediting Commission of Cosmetology Arts and Sciences
National Association of College and University Business Officers
National Association for Equal Opportunity in Higher Education
National Association of Independent Colleges and Universities
National Association of State Universities and Land Grant Colleges
National Association of Student Financial Aid Administrators
New England Board of Higher Education
Southern Regional Education Board
State Higher Education Executive Officers
United Negro College Fund
Western Interstate Commission for Higher Education

¹ Endorsements will be sought for the transcript collection in 2016.

Transcript Collection—Instructions for Providing Transcript Data— Joint Study Collection

Postsecondary Education Transcript Study

Example text for this document is included below.

There are 5 primary steps, outlined below, for providing transcript data. To begin, you will need to log on to the secure NCES Postsecondary Data Portal website at <https://surveys.nces.ed.gov/portal> using the username and password printed at the bottom of the letter you received from RTI. If you are not the Primary Coordinator, please contact him/her for login credentials.

NOTE: You will need your username and password each time you log in to the website.

1 Complete the Institution Information Page

Once logged onto the PDP, you will provide or confirm selected information about your institution, including GPA scale and grading system, on the Institution Information Page (IIP). This page is accessible from the Task Menu.

2 Complete the Transcript Data Transmission Page

On the Transcript Data Transmission Page, each student's name, student ID number (if known), and date of birth will be listed. Please check the box next to each student whose transcript you are sending and select the mode of submission. If you are unable to provide a transcript, please enter the reason in the space provided—for example, "No record of student's attendance" or "Transcript cannot be located." Please print and retain a copy for your records.

3 Transmit Transcript Data

A number of options are available for transmitting transcript data, each of which is discussed below. If you need assistance with this process, please contact the PDP Help Desk toll-free at 1-855-500-1441 or via e-mail at PortalHelp@rti.org.

Upload to the Secure NCES Postsecondary Data Portal Website: Uploading electronic transcript data directly to the secure website, preferably in XML or EDI format that conforms to the PESC standard, is the preferred method for sending transcript data. If your transcript data are not in one of these formats, we ask that you or a programmer from your institution convert them to a format that we can process using the file specifications available from the link entitled "Upload transcript data in CSV or fixed-width format" on the Transcript Data Transmission page available from the Task Menu.

If you are unable to reformat the transcript data to match the file specifications, we will accept them in their existing electronic format. *NOTE: The XML formatted transcript should adhere to the PESC XML standard format for college transcript, version 1.0.0. The EDI formatted transcript should adhere to the PESC EDI standard format for Student Educational Record (Transcript).*

Send Transcript Data as an Encrypted Attachment by Electronic Mail: If you choose to use electronic mail (email) to submit student transcript data, the attachment containing the data will need to be encrypted, using software such as SecureZIP® (select the option Use FIPS 140 Mode), to ensure they are transmitted securely. SecureZIP® can be downloaded free of charge from the website: <https://www.pkware.com/software/securezip>. Detailed instructions for downloading and using SecureZIP can be accessed from the link "Email transcript data as an encrypted attachment." If you choose to use encryption software other than SecureZIP®, please contact the Help Desk to ensure that the software complies with our security standards.

Once the attachment is encrypted, send to PortalHelp@rti.org and include the file names and descriptions.

Send Transcript Data by Secure File Transfer Protocol (sFTP): If you choose to submit transcript data using the sFTP site, please contact the Help Desk to obtain the sFTP site location and your username and password. Additional instructions on how to perform the data transfer via sFTP may be accessed from the link "Send transcript data by secure File Transfer Protocol (sFTP)." After you have successfully uploaded your files to the sFTP server, please send an email to PortalHelp@rti.org with the names of the files and their structure.

Send Transcript Data via eSCRIP-SAFE™: If you are a registered eSCRIP-SAFE™ sender and wish to use eSCRIP-SAFE™ to send your transcripts, please select RTI International, U.S. Department of Education Longitudinal Studies as the transcript recipient.

Fax Hard Copy Transcripts: If your institution is unable to provide the transcript data electronically via any of the methods previously mentioned, you may fax transcripts to our secure fax machine at <FaxLineNumber>. First, fax the Student Transcript Fax Test Page included in your institution packet, with your name, telephone number, and fax number, to ensure that the transfer is working correctly. An automated reply fax will confirm that we successfully received the test page. Once you receive confirmation, fax the completed Student Transcript Fax Transmittal Sheet along with the transcripts. Some institutions' fax machines are not set up to receive automated replies. In these cases, we ask that you verify that the test fax was successfully sent by checking the status page that is produced by your fax machine and ensure that the transmission was successful and that the correct number of pages were sent. If so, you may then hit redial and send the completed Student Transcript Fax Transmittal Sheet along with the transcripts. If you encounter difficulty, please contact the fax help line at 1-855-500-1441. If you do not have the fax test page or transmittal sheet, you may print a copy from the link "Fax hard copy transcripts."

Once you have sent the transcript data, click Submit on the Transcript Data Transmission page.

4 Provide CIP Code Mappings

When transcript data are received at RTI, the individual courses and majors reported in the transcripts will be coded using the National Center for Education Statistics' (NCES) College Course Map (for courses) and Classification of Instructional Programs (CIP) (for majors). Institutions that use either of these coding systems for their data are encouraged to transmit coded data for the requested sample members to NCES by uploading to the secure study website or sending via email to PortalHelp@rti.org. If you choose to upload the mappings, please select "Upload CIP code mappings" from the Main Menu.

5 Provide Requested Course Catalogs

If we need a course catalog from your institution, there will be a Catalog Transmittal Sheet in your packet. It includes a list of the catalogs requested and instructions for sending them to RTI. If you do not find a Catalog Transmittal Sheet in your packet, then no catalogs are needed from your institution at this time.

Transcript Collection—Family Educational Rights and Privacy Act Fact Sheet—Joint Study Collection

34 CFR PART 99

Subpart A—GENERAL

- §99.1 To which educational agencies or institutions do these regulations apply?
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- §99.10 What rights exist for a parent or eligible student to inspect and review education records?
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- §99.20 How can a parent or eligible student request amendment of the student's education records?
- §99.21 Under what conditions does a parent or eligible student have the right to a hearing?
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Subpart D—MAY AN EDUCATIONAL AGENCY OR INSTITUTION DISCLOSE PERSONALLY IDENTIFIABLE INFORMATION FROM EDUCATION RECORDS?

- §99.30 Under what conditions is prior consent required to disclose information?
- §99.31 Under what conditions is prior consent not required to disclose information?
- §99.32 What recordkeeping requirements exist concerning requests and disclosures?
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- §99.39 What definitions apply to the nonconsensual disclosure of records by postsecondary educational institutions in connection with disciplinary proceedings concerning crimes of violence or non-forcible sex offenses?

Subpart E—WHAT ARE THE ENFORCEMENT PROCEDURES?

- §99.60 What functions has the Secretary delegated to the Office and to the Office of Administrative Law Judges?

- §99.61 What responsibility does an educational agency or institution, a recipient of Department funds, or a third party outside of an educational agency or institution have concerning conflict with State or local laws?
- §99.62 What information must an educational agency or institution or other recipient of Department funds submit to the Office?
- §99.63 Where are complaints filed?
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- §99.66 What are the responsibilities of the Office in the enforcement process?
- §99.67 How does the Secretary enforce decisions?

Subpart A—GENERAL

§99.1 To which educational agencies or institutions do these regulations apply?

- (a) Except as otherwise noted in §99.10, this part applies to an educational agency or institution to which funds have been made available under any program administered by the Secretary, if—
- (1) The educational institution provides educational services or instruction, or both, to students; or
 - (2) The educational agency is authorized to direct and control public elementary or secondary, or postsecondary educational institutions.
- (b) This part does not apply to an educational agency or institution solely because students attending that agency or institution receive non-monetary benefits under a program referenced in paragraph (a) of this section, if no funds under that program are made available to the agency or institution.
- (c) The Secretary considers funds to be made available to an educational agency or institution of funds under one or more of the programs referenced in paragraph (a) of this section—
- (1) Are provided to the agency or institution by grant, cooperative agreement, contract, subgrant, or subcontract; or
 - (2) Are provided to students attending the agency or institution and the funds may be paid to the agency or institution by those students for educational purposes, such as under the Pell Grant Program and the Guaranteed Student Loan Program (titles IV-A-1 and IV-B, respectively, of the Higher Education Act of 1965, as amended).
- (d) If an educational agency or institution receives funds under one or more of the programs covered by this section, the regulations in this part apply to the recipient as a whole, including each of its components (such as a department within a university).

(Authority: 20 U.S.C. 1232g)

Subpart D—MAY AN EDUCATIONAL AGENCY OR INSTITUTION DISCLOSE PERSONALLY IDENTIFIABLE INFORMATION FROM EDUCATION RECORDS?

§99.30 Under what conditions is prior consent required to disclose information?

- (a) The parent or eligible student shall provide a signed and dated written consent before an educational agency or institution discloses personally identifiable information from the student's education records, except as provided in §99.31.
- (b) The written consent must:
- (1) Specify the records that may be disclosed;
 - (2) State the purpose of the disclosure; and
 - (3) Identify the party or class of parties to whom the disclosure may be made.

(c) When a disclosure is made under paragraph (a) of this section:

(1) If a parent or eligible student so requests, the educational agency or institution shall provide him or her with a copy of the records disclosed; and

(2) If the parent of a student who is not an eligible student so requests, the agency or institution shall provide the student with a copy of the records disclosed.

(d) “Signed and dated written consent” under this part may include a record and signature in electronic form that—

(1) Identifies and authenticates a particular person as the source of the electronic consent; and

(2) Indicates such person's approval of the information contained in the electronic consent.

(Authority: 20 U.S.C. 1232g (b)(1) and (b)(2)(A))

§99.31 Under what conditions is prior consent not required to disclose information?

(a) An educational agency or institution may disclose personally identifiable information from an education record of a student without the consent required by §99.30 if the disclosure meets one or more of the following conditions:

(1)(i)(A) The disclosure is to other school officials, including teachers, within the agency or institution whom the agency or institution has determined to have legitimate educational interests.

(B) A contractor, consultant, volunteer, or other party to whom an agency or institution has outsourced institutional services or functions may be considered a school official under this paragraph provided that the outside party—

(1) Performs an institutional service or function for which the agency or institution would otherwise use employees;

(2) Is under the direct control of the agency or institution with respect to the use and maintenance of education records; and

(3) Is subject to the requirements of §99.33(a) governing the use and redisclosure of personally identifiable information from education records.

(ii) An educational agency or institution must use reasonable methods to ensure that school officials obtain access to only those education records in which they have legitimate educational interests. An educational agency or institution that does not use physical or technological access controls must ensure that its administrative policy for controlling access to education records is effective and that it remains in compliance with the legitimate educational interest requirement in paragraph (a)(1)(i)(A) of this section.

(2) The disclosure is, subject to the requirements of §99.34, to officials of another school, school system, or institution of postsecondary education where the student seeks or intends to enroll, or where the student is already enrolled so long as the disclosure is for purposes related to the student's enrollment or transfer.

NOTE: Section 4155(b) of the No Child Left Behind Act of 2001, 20 U.S.C. 7165(b), requires each State to assure the Secretary of Education that it has a procedure in place to facilitate the transfer of disciplinary records with respect to a suspension or expulsion of a student by a local educational agency to any private or public elementary or secondary school in which the student is subsequently enrolled or seeks, intends, or is instructed to enroll.

(3) The disclosure is, subject to the requirements of §99.35, to authorized representatives of—

(i) The Comptroller General of the United States;

(ii) The Attorney General of the United States;

(iii) The Secretary; or

(iv) State and local educational authorities.

(4)(i) The disclosure is in connection with financial aid for which the student has applied or which the student has received, if the information is necessary for such purposes as to:

- (A) Determine eligibility for the aid;
- (B) Determine the amount of the aid;
- (C) Determine the conditions for the aid; or
- (D) Enforce the terms and conditions of the aid.

(ii) As used in paragraph (a)(4)(i) of this section, *financial aid* means a payment of funds provided to an individual (or a payment in kind of tangible or intangible property to the individual) that is conditioned on the individual's attendance at an educational agency or institution.

(5)(i) The disclosure is to State and local officials or authorities to whom this information is specifically—

(A) Allowed to be reported or disclosed pursuant to State statute adopted before November 19, 1974, if the allowed reporting or disclosure concerns the juvenile justice system and the system's ability to effectively serve the student whose records are released; or

(B) Allowed to be reported or disclosed pursuant to State statute adopted after November 19, 1974, subject to the requirements of §99.38.

(ii) Paragraph (a)(5)(i) of this section does not prevent a State from further limiting the number or type of State or local officials to whom disclosures may be made under that paragraph.

(6)(i) The disclosure is to organizations conducting studies for, or on behalf of, educational agencies or institutions to:

- (A) Develop, validate, or administer predictive tests;
- (B) Administer student aid programs; or
- (C) Improve instruction.

(ii) Nothing in the Act or this part prevents a State or local educational authority or agency headed by an official listed in paragraph (a)(3) of this section from entering into agreements with organizations conducting studies under paragraph (a)(6)(i) of this section and redisclosing personally identifiable information from education records on behalf of educational agencies and institutions that disclosed the information to the State or local educational authority or agency headed by an official listed in paragraph (a)(3) of this section in accordance with the requirements of §99.33(b).

(iii) An educational agency or institution may disclose personally identifiable information under paragraph (a)(6)(i) of this section, and a State or local educational authority or agency headed by an official listed in paragraph (a)(3) of this section may redisclose personally identifiable information under paragraph (a)(6)(i) and (a)(6)(ii) of this section, only if—

(A) The study is conducted in a manner that does not permit personal identification of parents and students by individuals other than representatives of the organization that have legitimate interests in the information;

(B) The information is destroyed when no longer needed for the purposes for which the study was conducted; and

(C) The educational agency or institution or the State or local educational authority or agency headed by an official listed in paragraph (a)(3) of this section enters into a written agreement with the organization that—

(1) Specifies the purpose, scope, and duration of the study or studies and the information to be disclosed;

- (2) Requires the organization to use personally identifiable information from education records only to meet the purpose or purposes of the study as stated in the written agreement;
- (3) Requires the organization to conduct the study in a manner that does not permit personal identification of parents and students, as defined in this part, by anyone other than representatives of the organization with legitimate interests; and
- (4) Requires the organization to destroy all personally identifiable information when the information is no longer needed for the purposes for which the study was conducted and specifies the time period in which the information must be destroyed.
- (iv) An educational agency or institution or State or local educational authority or Federal agency headed by an official listed in paragraph (a)(3) of this section is not required to initiate a study or agree with or endorse the conclusions or results of the study.
- (v) For the purposes of paragraph (a)(6) of this section, the term *organization* includes, but is not limited to, Federal, State, and local agencies, and independent organizations.
- (7) The disclosure is to accrediting organizations to carry out their accrediting functions.
- (8) The disclosure is to parents, as defined in §99.3, of a dependent student, as defined in section 152 of the Internal Revenue Code of 1986.
- (9)(i) The disclosure is to comply with a judicial order or lawfully issued subpoena.
- (ii) The educational agency or institution may disclose information under paragraph (a)(9)(i) of this section only if the agency or institution makes a reasonable effort to notify the parent or eligible student of the order or subpoena in advance of compliance, so that the parent or eligible student may seek protective action, unless the disclosure is in compliance with—
- (A) A Federal grand jury subpoena and the court has ordered that the existence or the contents of the subpoena or the information furnished in response to the subpoena not be disclosed;
- (B) Any other subpoena issued for a law enforcement purpose and the court or other issuing agency has ordered that the existence or the contents of the subpoena or the information furnished in response to the subpoena not be disclosed; or
- (C) An *ex parte* court order obtained by the United States Attorney General (or designee not lower than an Assistant Attorney General) concerning investigations or prosecutions of an offense listed in 18 U.S.C. 2332b(g)(5)(B) or an act of domestic or international terrorism as defined in 18 U.S.C. 2331.
- (iii)(A) If an educational agency or institution initiates legal action against a parent or student, the educational agency or institution may disclose to the court, without a court order or subpoena, the education records of the student that are relevant for the educational agency or institution to proceed with the legal action as plaintiff.
- (B) If a parent or eligible student initiates legal action against an educational agency or institution, the educational agency or institution may disclose to the court, without a court order or subpoena, the student's education records that are relevant for the educational agency or institution to defend itself.
- (10) The disclosure is in connection with a health or safety emergency, under the conditions described in §99.36.
- (11) The disclosure is information the educational agency or institution has designated as “directory information”, under the conditions described in §99.37.
- (12) The disclosure is to the parent of a student who is not an eligible student or to the student.
- (13) The disclosure, subject to the requirements in §99.39, is to a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense. The disclosure may only include the final results of the disciplinary proceeding conducted by the institution of postsecondary education with respect to that

alleged crime or offense. The institution may disclose the final results of the disciplinary proceeding, regardless of whether the institution concluded a violation was committed.

(14)(i) The disclosure, subject to the requirements in §99.39, is in connection with a disciplinary proceeding at an institution of postsecondary education. The institution must not disclose the final results of the disciplinary proceeding unless it determines that—

- (A) The student is an alleged perpetrator of a crime of violence or non-forcible sex offense; and
- (B) With respect to the allegation made against him or her, the student has committed a violation of the institution's rules or policies.

(ii) The institution may not disclose the name of any other student, including a victim or witness, without the prior written consent of the other student.

(iii) This section applies only to disciplinary proceedings in which the final results were reached on or after October 7, 1998.

(15)(i) The disclosure is to a parent of a student at an institution of postsecondary education regarding the student's violation of any Federal, State, or local law, or of any rule or policy of the institution, governing the use or possession of alcohol or a controlled substance if—

- (A) The institution determines that the student has committed a disciplinary violation with respect to that use or possession; and
- (B) The student is under the age of 21 at the time of the disclosure to the parent.

(ii) Paragraph (a)(15) of this section does not supersede any provision of State law that prohibits an institution of postsecondary education from disclosing information.

(16) The disclosure concerns sex offenders and other individuals required to register under section 170101 of the Violent Crime Control and Law Enforcement Act of 1994, 42 U.S.C. 14071, and the information was provided to the educational agency or institution under 42 U.S.C. 14071 and applicable Federal guidelines.

(b)(1) *De-identified records and information.* An educational agency or institution, or a party that has received education records or information from education records under this part, may release the records or information without the consent required by §99.30 after the removal of all personally identifiable information provided that the educational agency or institution or other party has made a reasonable determination that a student's identity is not personally identifiable, whether through single or multiple releases, and taking into account other reasonably available information.

(2) An educational agency or institution, or a party that has received education records or information from education records under this part, may release de-identified student level data from education records for the purpose of education research by attaching a code to each record that may allow the recipient to match information received from the same source, provided that—

- (i) An educational agency or institution or other party that releases de-identified data under paragraph (b)(2) of this section does not disclose any information about how it generates and assigns a record code, or that would allow a recipient to identify a student based on a record code;
- (ii) The record code is used for no purpose other than identifying a de-identified record for purposes of education research and cannot be used to ascertain personally identifiable information about a student; and

(iii) The record code is not based on a student's social security number or other personal information.

(c) An educational agency or institution must use reasonable methods to identify and authenticate the identity of parents, students, school officials, and any other parties to whom the agency or institution discloses personally identifiable information from education records.

(d) Paragraphs (a) and (b) of this section do not require an educational agency or institution or any other party to disclose education records or information from education records to any party except for parties under paragraph (a)(12) of this section.

(Authority: 20 U.S.C. 1232g(a)(5)(A), (b), (h), (i), and (j)).

§99.32 What recordkeeping requirements exist concerning requests and disclosures?

(a)(1) An educational agency or institution must maintain a record of each request for access to and each disclosure of personally identifiable information from the education records of each student, as well as the names of State and local educational authorities and Federal officials and agencies listed in §99.31(a)(3) that may make further disclosures of personally identifiable information from the student's education records without consent under §99.33(b).

(2) The agency or institution shall maintain the record with the education records of the student as long as the records are maintained.

(3) For each request or disclosure the record must include:

(i) The parties who have requested or received personally identifiable information from the education records; and

(ii) The legitimate interests the parties had in requesting or obtaining the information.

(4) An educational agency or institution must obtain a copy of the record of further disclosures maintained under paragraph (b)(2) of this section and make it available in response to a parent's or eligible student's request to review the record required under paragraph (a)(1) of this section.

(5) An educational agency or institution must record the following information when it discloses personally identifiable information from education records under the health or safety emergency exception in §99.31(a)(10) and §99.36:

(i) The articulable and significant threat to the health or safety of a student or other individuals that formed the basis for the disclosure; and

(ii) The parties to whom the agency or institution disclosed the information.

(b)(1) Except as provided in paragraph (b)(2) of this section, if an educational agency or institution discloses personally identifiable information from education records with the understanding authorized under §99.33(b), the record of the disclosure required under this section must include:

(i) The names of the additional parties to which the receiving party may disclose the information on behalf of the educational agency or institution; and

(ii) The legitimate interests under §99.31 which each of the additional parties has in requesting or obtaining the information.

(2)(i) A State or local educational authority or Federal official or agency listed in §99.31(a)(3) that makes further disclosures of information from education records under §99.33(b) must record the names of the additional parties to which it discloses information on behalf of an educational agency or institution and their legitimate interests in the information under §99.31 if the information was received from:

(A) An educational agency or institution that has not recorded the further disclosures under paragraph (b)(1) of this section; or

(B) Another State or local educational authority or Federal official or agency listed in §99.31(a)(3).

(ii) A State or local educational authority or Federal official or agency that records further disclosures of information under paragraph (b)(2)(i) of this section may maintain the record by the student's class, school, district, or other appropriate grouping rather than by the name of the student.

(iii) Upon request of an educational agency or institution, a State or local educational authority or Federal official or agency listed in §99.31(a)(3) that maintains a record of further disclosures under

paragraph (b)(2)(i) of this section must provide a copy of the record of further disclosures to the educational agency or institution within a reasonable period of time not to exceed 30 days.

(c) The following parties may inspect the record relating to each student:

- (1) The parent or eligible student.
- (2) The school official or his or her assistants who are responsible for the custody of the records.
- (3) Those parties authorized in §99.31(a) (1) and (3) for the purposes of auditing the

recordkeeping procedures of the educational agency or institution.

(d) Paragraph (a) of this section does not apply if the request was from, or the disclosure was to:

- (1) The parent or eligible student;
 - (2) A school official under §99.31(a)(1);
 - (3) A party with written consent from the parent or eligible student;
 - (4) A party seeking directory information; or
 - (5) A party seeking or receiving records in accordance with §99.31(a)(9)(ii)(A) through (C).
- (Authority: 20 U.S.C. 1232g(b)(1) and (b)(4)(A))

§99.35 What conditions apply to disclosure of information for Federal or State program purposes?

(a)(1) Authorized representatives of the officials or agencies headed by officials listed in §99.31(a)(3) may have access to education records in connection with an audit or evaluation of Federal or State supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs.

(2) The State or local educational authority or agency headed by an official listed in §99.31(a)(3) is responsible for using reasonable methods to ensure to the greatest extent practicable that any entity or individual designated as its authorized representative—

(i) Uses personally identifiable information only to carry out an audit or evaluation of Federal- or State-supported education programs, or for the enforcement of or compliance with Federal legal requirements related to these programs;

(ii) Protects the personally identifiable information from further disclosures or other uses, except as authorized in paragraph (b)(1) of this section; and

(iii) Destroys the personally identifiable information in accordance with the requirements of paragraphs (b) and (c) of this section.

(3) The State or local educational authority or agency headed by an official listed in §99.31(a)(3) must use a written agreement to designate any authorized representative, other than an employee.

The written agreement must—

(i) Designate the individual or entity as an authorized representative;

(ii) Specify—

(A) The personally identifiable information from education records to be disclosed;

(B) That the purpose for which the personally identifiable information from education records is disclosed to the authorized representative is to carry out an audit or evaluation of Federal- or State-supported education programs, or to enforce or to comply with Federal legal requirements that relate to those programs; and

(C) A description of the activity with sufficient specificity to make clear that the work falls within the exception of §99.31(a)(3), including a description of how the personally identifiable information from education records will be used;

(iii) Require the authorized representative to destroy personally identifiable information from education records when the information is no longer needed for the purpose specified;

(iv) Specify the time period in which the information must be destroyed; and

(v) Establish policies and procedures, consistent with the Act and other Federal and State confidentiality and privacy provisions, to protect personally identifiable information from education records from further disclosure (except back to the disclosing entity) and unauthorized use, including limiting use of personally identifiable information from education records to only authorized representatives with legitimate interests in the audit or evaluation of a Federal- or State-supported education program or for compliance or enforcement of Federal legal requirements related to these programs.

(b) Information that is collected under paragraph (a) of this section must—

(1) Be protected in a manner that does not permit personal identification of individuals by anyone other than the State or local educational authority or agency headed by an official listed in §99.31(a)(3) and their authorized representatives, except that the State or local educational authority or agency headed by an official listed in §99.31(a)(3) may make further disclosures of personally identifiable information from education records on behalf of the educational agency or institution in accordance with the requirements of §99.33(b); and

(2) Be destroyed when no longer needed for the purposes listed in paragraph (a) of this section.

(c) Paragraph (b) of this section does not apply if:

(1) The parent or eligible student has given written consent for the disclosure under §99.30; or

(2) The collection of personally identifiable information is specifically authorized by Federal law.

(Authority: 20 U.S.C. 1232g(b)(1)(C), (b)(3), and (b)(5))

Transcript Collection—Brochure Text—HSLs:09 PETS only

High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study (PETS)

The National Center for Education Statistics (NCES), U.S. Department of Education, is conducting the High School Longitudinal Study of 2009 (HSLs:09). This national study of high school students includes the collection of student transcript data. Transcripts provide an analytically powerful measure of students' high school and postsecondary curricular experience and performance that may be related both to labor market outcomes and to postsecondary educational access and attainment. HSLs:09 data, collected under authority of the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), will provide information that will be used by Congress, researchers, and policymakers to monitor and improve the quality of education. NCES has contracted with RTI International, a nonprofit research organization, to collect the transcript data on its behalf.

Assistance is needed from institutions to make the results of this study comprehensive, accurate, and timely. We are collecting transcript information for students who have voluntarily participated in HSLs:09. The information we will collect from the transcript includes dates of enrollment, grade point average, degree program, and, for each course taken, course number and title, number of credits earned, and grade assigned.

Importance of the Data

HSLs:09 data are made available to researchers, counselors, policymakers, and others in various ways, each of which is designed to protect individually-identifying information:

- Descriptive reports are published by NCES on selected topics. HSLs:09 publications and data can also be accessed electronically through NCES's HSLs:09 website: <https://nces.ed.gov/surveys/hsls09/>.
- Data files (without identifying information) are available.
- Presentations on study findings are made at conferences.

Researchers from a variety of fields have used the data collected in HSLs:09 and its predecessor studies to look at equity, access, and choice; cognitive growth and its correlates; course-taking opportunities and choices; school effectiveness; parental and community involvement; and post-high school transitions to higher education, training, and the labor market.

Authorization to Collect Data

The National Center for Education Statistics (NCES), of the United States Department of Education, is authorized to conduct HSLs:09 by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543). HSLs:09 data are collected for NCES by RTI International.

Transcript Collection Procedures

All known institutions attended by HSLs:09 participants will be contacted for the first time beginning in February 2017. The NCES Postsecondary Data Portal website (<https://surveys.nces.ed.gov/portal>) will serve

as a secure mechanism for the exchange of information between institutions and RTI. To initiate the transcript submission process, institutions are being asked to complete an information page about term systems and grading scales and may be asked to provide course catalogues not available through other public sources. New students may be added to an institution's transcript request list if new enrollment is discovered from collected transcripts.

Transcripts will be requested from an estimated 3,500 institutions associated with the proportion of the approximately 16,150 HSLS:09 sample members who have attended postsecondary institutions. Institutions can submit transcripts for their students using any of several methods (in order of preference): uploading to the NCES postsecondary data portal website, e-mailing the transcripts as an encrypted attachment, sending by secure File Transfer Protocol (sFTP), or faxing to a secure fax machine. Instructions are provided in the packets sent to institutions, and the Help Desk will respond to any questions or problems (1-855-500-1441; PortalHelp@rti.org).

Once received, transcripts will be data-entered, and fields of study and courses will be coded using the 2010 College Course Map², a postsecondary coding taxonomy.

Confidentiality

NCES is required to follow strict procedures to protect personal information in the **collection, reporting, and publication of data** and adheres to the guidelines issued by the Office of Management and Budget in the *Federal Statistical Confidentiality Order of 1997* for ensuring protection of data collected for statistical purposes.

The Family Educational Rights and Privacy Act of 1974 (FERPA) (20 U.S.C. §1232[g]) allows for the release of institution record information to the Secretary of Education or his agent without prior consent of survey members (34 CFR §§ 99.31[a][3] and 99.35). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

Protection of Electronic Files

All electronic files from institution records are carefully protected. Computer accounts used to access data are password protected with multilevel controls to ensure that only those individuals with a need to access personal information are able to do so. For the website, where the list of sample members who attended your institution is located and where you can upload data if that data transmission method is preferred, proven methods of protection for online sessions and data security are used. Data transmitted over the Internet are encrypted using Secure Sockets Layer (SSL) protocol. All modules with sample member identifiers on the study website are password protected, which requires the user to log in to the site before accessing personal information. To prevent unauthorized user access, the system automatically logs the user out after 20 minutes of inactivity.

² Bryan, M. & Simone, S. (2012). *2010 College Course Map* (NCES 2012-162REV). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC. Retrieved [date] from <https://nces.ed.gov/pubsearch>.

Protection of Paper Records

All paper records are maintained in locked storage cabinets. A unique study identification variable (not the Social Security number or school ID) is created and maintained for each survey participant to protect against disclosure of personal data.

Preparation of Data for Public Release

All data released to the general public (for example, statistical tables) will be designed so that it will not be possible to identify individuals.

Violations

All personnel with access to individual data will be required to sign a confidentiality agreement and an affidavit of nondisclosure. Project staff is subject to large fines or imprisonment if individual responses are disclosed.

For assistance with the HSLs:09 Postsecondary Education Transcript Study, please contact:

Help Desk

1-855-500-1441 (toll-free)

At RTI International

Tiffany Mattox

Transcript Collection Manager, HSLs:09

1-919-485-7791

PortalHelp@rti.org

Daniel Pratt

Project Director, HSLs:09

1-919-541-6615

djp@rti.org

At the National Center for Education Statistics

Elise Christopher

Project Officer, HSLs:09

1-202-245-7098

elise.christopher@ed.gov

Conducted by

U.S. Department of Education

National Center for Education Statistics

Washington, DC

<https://nces.ed.gov/>

<date>

Transcript Collection—Disclosure Notice—Joint Study Collection

Information from student records for this individual has been provided to RTI International, a data collection agent for the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12), conducted by the National Center of Education Statistics (NCES) within the U.S. Department of Education. This disclosure statement fulfills the requirement of 34 CFR 99.32(a) pursuant to the Family Educational Rights and Privacy Act of 1974 (20 U.S.C. §1232g).

Strict protection of all information obtained for HSLs:09 and BPS:12 is assured by current federal laws and regulations. All of the information provided may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

HSLs:09 OMB # 1850-0852; Expiration Date: 12/31/2018

BPS:12 OMB # 1850-0631; Expiration Date:01/31/2020

Transcript Collection—Fax Test Page to RTI—Joint Study Collection

Student Transcript Fax Test Page
{ProjectCode}

Study ID#: {School_ID}

Name of Sender: _____

Date: _____

Telephone number: _____

Fax number: _____

Instructions:

Please fax this document to <faxnumber> as a test page.

You will receive a confirmation that we received your fax. Once you have our confirmation, please fax the completed Student Transcript Fax Transmittal Sheet that you received in your packet and your students' transcripts to the same number.

If you need assistance, please contact our Fax Helpline at 1-855-500-1441.

****WARNING: This transmission contains personal information. Please exercise appropriate security. ****

Transcript Collection—Fax Transmittal Sheet to RTI—Joint Study Collection

Student Transcript Fax Transmittal Sheet

{ProjectCode}

Study ID#: {SchoolID}

Name of Sender: _____

Date: _____

Telephone number: _____

Fax number: _____

Number of pages (including this transmittal sheet): _____

Number of students whose transcripts were requested: {tot_cnt}

Number of students whose transcripts you are sending: _____

Number of transcripts you are sending (there could be multiple per student): _____

Instructions:

Be sure that you have faxed the Student Transcript Fax Test Page and confirmed its receipt before sending this page or the transcripts.

If a student transferred to your institution from another institution, please also send copies of any transcripts that you have from other institutions (unless that information is already included on the transcript from your institution).

Once you have filled out the top of this document, please fax it and student transcripts to <fax number>.

If you need assistance, please contact our Fax Helpline at 1-855-500-1441.

Transcript Collection—Catalog Transmittal Sheet to RTI—Joint Study Collection

Catalog Transmittal Sheet

{ProjectCode}

Study ID#: {SchoolID}

Name of Sender: _____

Date: _____

Telephone number: _____

In order to properly code the transcript data we will receive for your students, we need to obtain a copy of your institution's course catalogs, bulletins, or other materials that describe the course offerings for each academic year listed below.

<cat_yr_needed> <level>

<cat_yr_needed> <level>

<cat_yr_needed> <level>

<cat_yr_needed> <level>

Instructions:

If the catalog(s) exist electronically, please send an e-mail to PortalHelp@rti.org and either direct us to the catalog(s) online or send the catalog(s) as an attachment. If you need to send hard copy catalogs, please place check marks in the appropriate columns below to indicate the types of course catalogs you are sending for each year. Please do not send catalogs for which "not needed" appears. Please keep a copy of this completed sheet for your records and send the original to RTI with the catalogs using the FedEx materials provided.

Academic Year	Type of catalog provided <i>(please place checks or comments as appropriate)</i>			
	Institution-wide/general	Undergraduate	Graduate	Other school/program <i>(please specify)</i>

Transcript Collection—Sample Reminder Email to Registrar or Designee— Joint Study Collection

Dear {Salutation} {LastName}:

I am writing as a follow-up to the package you should have received recently that included a letter from us about the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Postsecondary Education Transcript collection, being carried out by RTI International on behalf of the National Center for Education Statistics (NCES), U.S. Department of Education.

The letter requested that you log on to the secure NCES Postsecondary Data Portal (PDP) to provide transcript data for sampled students. The PDP website is located at <https://surveys.nces.ed.gov/portal>. The data your institution provides are very important to the success of the studies.

If sending to the primary coordinator, fill:

A user ID and password were provided in earlier materials. Please contact the Help Desk if you need assistance logging in.

If sending to other staff, fill:

If you need a user name and password, please contact the Primary Coordinator at your institution, <name>.

If you have any questions about the studies or procedures involved, please contact the Help Desk at 1-855-500-1441, or via e-mail at .

Thank you again for your cooperation.

Sincerely,

Daniel Pratt
Director, HSLs:09

Mike Bryan
Director, BPS:12 PETS

OMB Control Numbers: 1850-0852 (HSLs:09) and 1850-0631 (BPS:12)
Learn more about our confidentiality procedures at: <https://surveys.nces.ed.gov/portal>.

Postsecondary Data Portal Flyer Text

National Center for Education Statistics (NCES)

Postsecondary Data Portal (PDP)

Institutions can now provide data for NCES sample studies³ easily—at one central location!

What is the Postsecondary Data Portal?

The Postsecondary Data Portal (PDP) is a website that was created with input from institutions like yours!

By taking advantage of the PDP, you can help NCES collect data on students in our sample studies. These data provide much-needed information on vital concerns to students, families, policymakers, and the academic community.

Visit <https://nces.ed.gov/surveys/> for more information on these studies.

Key Benefits

- Eliminates the need to visit a separate website for each NCES sample study in which you are asked to participate
- Creates consistency across studies, as all data are collected using the same interface
- Presents frequently asked questions, timelines, confidentiality information, and contact information for each study currently in progress
- Gives valuable information on current studies' objectives and research questions, as well as access to data and publications from previous studies
- Provides easy access to the NCES DataLab, where you can create tables and graphs with data from NCES sample studies

How do I use the PDP?

We will contact you when your institution is in an active data collection and supply you with your PDP username and password.

The PDP Task Menu will list the steps to follow to provide data.

Depending on your institution's capabilities and specific request, you can choose the most convenient way to provide your data.

Visit the PDP website at <https://surveys.nces.ed.gov/portal>.

For additional questions, you can contact our help desk at 1-855-500-1441 or PortalHelp@rti.org. Help Desk staff are available from 9:00 a.m. to 6:30 p.m. Eastern time, Monday – Friday.

³ Does not include Integrated Postsecondary Education Data System (IPEDS).

Appendix C.2: Student Records Contacting Materials

Student Records Contacting Materials—Joint Study Collection

- Letter to financial aid director or designee from NCES project officers
- FAQs
- Disclosure notice
- Additional students letter
- Reminder email 1 example
- Reminder email 2 example
- Quick Guide text
- Brochure text
- PDP flyer text

Student Records Collection—Request Letter from NCES to Financial Aid Director or Designee—Joint Study Collection

The text of the letter is also sent in an e-mail.

{date}

{salutation} {fname} {lname}

{Title}

{EntityName}

{Address}

{City}, {State} {Zip}

Student Records Data Due: {expected_Date_curr}

Dear {Salutation} {LastName},

(Institution) has been selected to participate in the High School Longitudinal Study of 2009 (HSLs:09) and 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Student Records Collection. The studies are authorized by federal law under the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). HSLs:09 and BPS:12 are being conducted by NCES with data collection being carried out by RTI International, a nonprofit research organization. We are writing to ask that you provide student record data for sampled students who attended your institution.

To facilitate the data submission process, we have developed the web-based Postsecondary Data Portal (PDP) through which you or your staff will be able to provide data for your selected students. The secure PDP website is available at: <https://surveys.nces.ed.gov/portal>. We have enclosed a *Quick Guide to Providing Student Records Data* describing how to access and use the PDP. On the PDP, you will find the list of your sampled students and details on what data we need to obtain for each. We ask that you please provide the requested data on or before **{DueDate}**.

There are three different methods available for providing student data through the PDP. Data may be entered directly into the web-based system, you may download and complete an Excel template which is then uploaded to the PDP, or a programmer at your institution may create and upload data files following the specifications on the website. Regardless of the method you choose, you will be able to review the provided data on a screen in the PDP.

Please be assured that the security of your students' data is of the utmost importance, and our Student Records collection process has been developed with this in mind. The system encrypts all data with the latest technologies before transmitting them over the Internet to NCES. In addition, access to the list of students (and to the forms used to enter their data) will require authentication

using a user name and unique password. If you are the Primary Coordinator, they are printed below for your convenience. Please note the password is temporary and you will need to choose a new one the first time you log in. If you are not the Primary Coordinator for this collection, please contact him/her ({fillPCname}) at your institution) to receive login credentials.

Soon, we will call you to confirm your receipt of this material and the completion date for providing student records data. RTI's Help Desk staff will be available from 9:00 a.m. to 6:00 p.m. ET, Monday through Friday, to answer any questions you may have about the collection or about using the PDP. You may contact the Help Desk at 1-855-500-1441, toll-free, or via e-mail at PortalHelp@rti.org.

Again, thank you for your continued participation in this important study.
Sincerely,

Elise Christopher, Ph.D.
Project Officer, HSLS:09
National Center for Education Statistics

Sean Simone, Ph.D.
Project Officer, BPS:12 Student Records
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

Primary Coordinator user name: {entity_id}

Your temporary password: {password}

If mailing to other staff, fill:

Please contact the PDP Primary Coordinator at your institution,
{fill name} for log in credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLS:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLS:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 3.3 hours per response (HSLS:09) and 11.6 hours per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Student Records Collection—FAQ Sheet for Financial Aid Director or Designee—Joint Study Collection

Student Records Frequently Asked Questions (FAQs)

This sheet is included in the request packet.

1. Do we need to have the student's permission before providing this information?

No. Student or parental consent is not required for release of student record information for the purposes of these studies. The data request conforms fully to the requirements of the Family Educational Rights and Privacy Act of 1974 (FERPA) (34 CFR Part 99). Under FERPA's general consent rule, NCES is authorized to obtain student level data from institutions for any study-eligible student, without prior consent, if the disclosure is to authorized representatives of the Secretary of Education [34 CFR §§ 99.31(a)(3) and 99.35]. Student data are subject to strict protections that are adhered to by NCES and its contractor organizations. You can review this regulation on the U.S. Department of Education's website at <https://www2.ed.gov/policy/gen/reg/ferpa>.

FERPA regulations also stipulate that all disclosures be reported in the student record, with an indication of who received the information and their legitimate interests in the information. For schools without electronic student record systems, a Disclosure Notice may also be printed after log in from the Reference Materials page. These notices fulfill the requirements of 34 CFR 99.32(a) pursuant to the Family Educational Rights and Privacy Act (20 U.S.C. §1232g). Electronic student record systems will require the insertion of a similar statement.

2. By what authority does NCES collect this information?

Congress has authorized (20 U.S.C. §9543) the National Center for Education Statistics (NCES) within the U.S. Department of Education to conduct education studies in compliance with the Education Sciences Reform Act of 2002 (20 U.S.C. §9573), the Federal Statistical Confidentiality Order of 1997, the Privacy Act of 1974 [5 U.S.C. 552a], and the E-Government Act of 2002. Both the 2011-12 Beginning Postsecondary Students Longitudinal Study (BPS:12) and the High School Longitudinal Study of 2009 (HSL:09) have been approved by the U.S. Office of Management and Budget (OMB).

BPS:12 OMB Control Number 1850-0631 Expiration Date 1/31/2020

HSL:09 OMB Control Number 1850-0852 Expiration Date 12/31/2018

3. Where do I go for the information requested?

The information needed for each of the sampled students is typically collected from three distinct (document or online) sources at your institution: the Admissions or Registrar's Office; the Bursar's or Business Office; and the Financial Aid Office. If you require assistance after reviewing the enclosed *Quick Guide to Providing Student Records Data*, please contact the Help Desk with your questions at 1-855-500-1441, toll-free, or via e-mail at PortalHelp@rti.org.

4. Can I provide data files instead of keying data into the web-based system?

Yes. You can download an Excel template to create the data file we need, or you or a programmer can create data files according to the specifications available on the Student Records Data page of the Postsecondary Data Portal (PDP) website. If you have questions, please contact the Help Desk at 1-855-500-1441 or e-mail PortalHelp@rti.org.

Student Records Collection—Disclosure Notice—Joint Study Collection

Information from student records for this individual has been provided to RTI International, a data collection agent for the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12), conducted by the National Center of Education Statistics (NCES) within the U.S. Department of Education. This disclosure statement fulfills the requirement of 34 CFR 99.32(a) pursuant to the Family Educational Rights and Privacy Act of 1974 (20 U.S.C. §1232g).

Strict protection of all information obtained for HSLs:09 and BPS:12 is assured by current federal laws and regulations. All of the information provided may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

HSLs:09 OMB # 1850-0852; Expiration Date: 12/31/2018

BPS:12 OMB # 1850-0631; Expiration Date:01/31/2020

Student Records Collection—NCES Letter to Financial Aid Director or Designee for Additional Students—Joint Study Collection

The text of the letter is also sent in an e-mail.

<date>

«salutation» «fname» «lname»

«entity_name»

«phys_addr2»

«phys_city», «phys_state» «phys_zip»

Student Records Data Due: «expected_Date_curr»

Dear «salutation» «lname»,

Thank you for your continued participation in the High School Longitudinal Study of 2009 (HSLs:09) and 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Student Records Collection. You recently provided student record data for the sampled students who attended your institution. We now ask that you provide data for additional sampled students whom we have recently learned attended your institution. Please complete the record abstraction and provide the requested data for these students on or before **[DUE DATE]**.

You or someone on your staff will be able to provide data for your selected students through the secure NCES Postsecondary Data Portal (PDP), located at: <https://surveys.nces.ed.gov/portal>.

To assist you with the process of providing student record data, we have enclosed a *Quick Guide to Providing Student Records Data* describing how to access and use the PDP for this purpose. You can find details on what data we need to obtain for each sampled student from the Instructions link on the PDP. A list of your sampled students can also be found on the website, and you can easily print a hardcopy if you would like one.

You may recall that there are three different methods available for providing the student data through the PDP. Regardless of the method you choose, you will be able to review your provided data on screen in the PDP.

Please be assured that the security of your students' data continues to be of the utmost importance, and the collection process has been developed with this in mind. The system encrypts all data, with the latest technologies before transmitting them over the Internet to NCES. In addition, access to the list of students (and to the forms used to enter their data) will require authentication using a user name and unique password.

Soon, we will call you to confirm your receipt of this material and the completion date for providing the requested data. RTI's Help Desk staff will be available from 9:00 a.m. to 6:00 p.m. ET, Monday through Friday, to answer any questions you may have about the study or about using the Student

Records system. You may contact the Help Desk at 1-855-500-1441, toll-free, or via e-mail at PortalHelp@rti.org.

Again, thank you for your continued participation in this important study.

Sincerely,

Elise Christopher, Ph.D.
Project Officer, HSLs:09
National Center for Education Statistics

Sean Simone, Ph.D.
Project Officer, BPS:12 Student Records
National Center for Education Statistics

Please log in to the Postsecondary Data Portal website at:

<https://surveys.nces.ed.gov/portal>

If mailing to the primary coordinator, fill:

Primary Coordinator user name: {UserName}

Your temporary password: {password}

If mailing to other staff, fill: Please contact the PDP Primary Coordinator at your institution, {fill name} for login credentials.

NCES is authorized to conduct the High School Longitudinal Study of 2009 (HSLs:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543) and the Higher Education Opportunity Act of 2008 (HEOA 2008, 20 U.S.C. §1015). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control numbers for these voluntary information collections are 1850-0852 (HSLs:09) and 1850-0631 (BPS:12). The time required to complete the information collections is estimated to average approximately 3.3 hours per response (HSLs:09) and 11.6 hours per response (BPS:12), including the time to review instructions, search existing data sources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate, suggestions for improving the collections, or any comments or concerns regarding the status of your individual submission, please write directly to: Postsecondary Data Portal Studies, National Center for Education Statistics, PCP, 550 12th St., SW, 4th floor, Washington, DC 20202.

Student Records Collection—Sample Reminder Email 1 to Financial Aid Director or Designee—Joint Study Collection

Dear «salutation» «lname»:

I am writing as a follow-up to the package you should have received recently that included a letter from us about the High School Longitudinal Study of 2009 (HSLs:09) and 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Student Records Collection, being carried out by RTI International on behalf of the National Center for Education Statistics (NCES).

The letter requested that you log on to the secure NCES Postsecondary Data Portal (PDP) to provide institution record data for sampled students. The PDP website is located at <https://surveys.nces.ed.gov/portal>. The data your institution provides are very important to the success of the studies.

If sending to the primary coordinator, fill:

A user ID and password were provided in earlier materials. Please contact the Help Desk if you need assistance logging in.

If sending to other staff, fill:

If you need a user name and password, please contact the Primary Coordinator at your institution, <name>.

If you have any questions about the studies or procedures involved, please contact the Help Desk at 1-855-500-1441, or via e-mail at .

Thank you again for your cooperation.

Sincerely,

Daniel Pratt
Director, HSLs:09

Kristin Dudley
Director, BPS:12 Student Records

OMB Control Numbers: 1850-0852 (HSLs:09) and 1850-0631 (BPS:12)
Learn more about our confidentiality procedures at: <https://surveys.nces.ed.gov/portal>.

Student Records Collection—Sample Reminder Email 2 to Financial Aid Director or Designee—Joint Study Collection

Dear {Salutation} {LastName}:

I am writing to remind you about the High School Longitudinal Study of 2009 (HSLS:09) and the 2012 Beginning Postsecondary Students Longitudinal Study (BPS:12) Student Records Collection. By providing institution record data for the sampled students, you make an important contribution to research that will help legislators and researchers understand how students and their families meet the cost of education beyond high school and the relationship between these costs and persistence and attainment in education.

If you are currently preparing the data, thank you. If you have not begun, please do so. We need representation of all of the types of institutions and students to compile the most valuable, accurate data.

The secure NCES Postsecondary Data Portal website is located at <https://surveys.nces.ed.gov/portal>.

If sending to the primary coordinator, fill:

A user ID and password were provided in earlier materials. Please contact the Help Desk if you need assistance logging in.

If sending to other staff, fill:

If you need a user name and password, please contact the Primary Coordinator at your institution, <name>.

HSLS:09 and BPS:12 are being conducted by the National Center for Education Statistics (NCES), of the U.S. Department of Education, with data being collected by RTI International, a nonprofit research organization.

If you have any questions about the study or procedures involved, please contact the Help Desk at 1-855-500-1441 or via e-mail at .

Thank you again for your cooperation.

Sincerely,

Daniel Pratt
Director, HSLS:09

Kristin Dudley
Director, BPS:12 Student Records

OMB Control Numbers: 1850-0852 (HSLS:09) and 1850-0631 (BPS:12)
Learn more about our confidentiality procedures at: <https://surveys.nces.ed.gov/portal>.

Student Records Collection—Example Text for Quick Guide to Providing Student Records Data—Joint Study Collection

In order to provide student records data, you will need to access the secure Postsecondary Data Portal at <https://surveys.nces.ed.gov/portal>. Log in using the username and password printed on the letter you received from RTI. If you are not the primary Coordinator, you will need to contact him/her for login credentials.

NOTE: You will need your username and password each time you log in to the website. To ensure the security of your student data, it is important that you log off when you are going to be away from your computer and when you are finished with a data entry session.

Before you begin providing student records data, we need to collect some general information about your institution. From the Task menu, click Provide Institution Information. Then click on each of the buttons to provide your institution's information, then click Save and Continue. When you have entered information in all three sections, click the Submit button on the Institution Information page. After clicking Submit, the information can be viewed, but not changed, because it is then loaded into the student-level component of the system. The link changes to View Institution Information and the Submit button disappears.

There are 2 steps for providing and submitting student records data.

1 Provide Student Records Data

The student-level data we are requesting include current demographics and contacting information, as well as, budget, enrollment status, and financial aid awarded for each year the student attended. You can find details on what data are needed from the *Instructions* link on the website.

From the Task menu, click *Provide Student Record Data* to route to the Student Record Data page. Data can be provided via the Student Records System by either entering data online or preparing data offline and then uploading completed data files. Specifically, there are three options to choose from, described below.

- **Entering Data Online.** Enter data online for one student at a time. Click on *Case Mode*, then select a student and a section to begin keying. After you have entered those data, you can set the *Go to Next* button to either move to another section for that student or remain in the section and select another student. Validation (error checks) can be performed at any time by clicking *Save*. This will highlight missing data and data values that are out of the expected range or type.

- **Uploading Data Files**

Option A: Data Files Created from Our Excel Template. You may download an Excel template, fill in the requested data, and then upload the data. There is a button on the Student Records Data page to request the template. Because it must be customized for your institution, once requested, the file will be prepared overnight. When the file is ready, you will be able to click *Download Your Excel Template* and an e-mail will be sent to alert you. You will need to enable macros so that the validations can be performed and so the data will be formatted in the way we can process. If you need assistance enabling macros, please contact the Help Desk (information below). Each of the four Student Records sections has its own worksheet in the template file. If you key in the data, they will be validated as you enter them. If you cut and paste, the data will not be checked for errors until you click *Validate* or upload to the website. When keying

is complete, click *Upload* on the Student Records Data page and follow the instructions.

Option B: Data Files Created by Your Programmer. A programmer at your institution can create and upload each of the four, required data files following our specifications. Both the specifications and a list of sampled students can be accessed from the Student Records Data page. We can only accept comma separated values (CSV) formatted files. When the files are ready, click *Upload* on the Student Records Data page and follow the instructions.

For both file upload options, when a file is uploaded it is checked for errors such as values outside of expected ranges. When errors are detected, they are displayed onscreen. Please correct these errors before attempting to upload the file again. The Upload Status table contains indicators for whether the file was uploaded successfully and if so, whether errors were detected.

Regardless of the way in which you provide student records data, you may review your data onscreen in the Student Records System.

2 Finalize and Submit Student Records Data

- **Review Progress and Edit Data.** When you click *Review Summary Data* on the Student Records Data page, you will be routed to the Student Records Summary page where each student has his/her own row and each section has its own column. Note the links *No Data* and *Data Saved* in the four section columns (e.g., Contact Information). *No Data* indicates that nothing has been saved (or uploaded) for the section. Please review these carefully before locking the data for a student. *Data Saved* indicates that the section has been accessed and the *Save* button pushed (or that one or more data elements were uploaded), but does not necessarily indicate that all data have been provided. If you need to edit or key data, click on the *No Data* or *Data Saved* link to route to Case-Mode for that student and section where you can enter or edit data as needed.
- **Mark as Never Attended.** If you discover that a student never attended your institution, indicate this by checking the box in the Student Never Attended column in the student's row. This action will alert us to not expect Student Records data for the student.
- **Lock Cases (Students).** After you have provided and reviewed a student's data, you will need to lock the case by clicking *Lock* in the Action column of that student's row. Locking indicates that the data for that student are final and ready to be processed by RTI. You can also click *Lock all* in the column header to indicate that all available data have been provided for all students.
- **Submit Data.** When you have provided data for all of your students and the cases are locked, please alert us by clicking the *Submit (Process My Records)* button on the Student Records Data page. Clicking the button will generate an e-mail to you confirming submission of the data.

Additional information is available on the NCES Postsecondary Data Portal website. If you need assistance, please contact the Help Desk toll-free at 1-855-500-1441 or via e-mail at PortalHelp@rti.org.

Student Records Collection—Text for Student Records Brochure— HSLs:09 SR only

High School Longitudinal Study of 2009 (HSLs:09) Student Records Collection

The National Center for Education Statistics (NCES), U.S. Department of Education, is conducting the High School Longitudinal Study of 2009 (HSLs:09). This national study of high school students includes the collection of student records. HSLs:09 data, collected under authority of the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543), will provide information that will be used by Congress, researchers, and policymakers to monitor and improve the quality of education. NCES has contracted with RTI International, a nonprofit research organization, to collect the data on its behalf.

Assistance is needed from institutions to make the results of this study comprehensive, accurate, and timely. We are collecting student records data for students who have voluntarily participated in HSLs:09. The information collected includes enrollment status, demographic characteristics, and financial assistance for each sampled student.

How Will the Study Be Conducted?

HSLs:09 data are being collected for the National Center for Education Statistics (NCES) by RTI International, a nonprofit research organization. The HSLs:09 sample includes more than 23,000 young adults who first took part in this study as 9th graders in the fall term of 2009. We ask that institution staff provide student record information (e.g., enrollment status, aid package received) for HSLs:09 participants who attended the institution.

Data are provided through a web interface over the secure NCES postsecondary data portal website—either by data entry, uploading electronic data files, or a combination of both. The user friendly web interface for data entry and file upload has been developed to minimize the burden on institutional staff in providing student record data.

Purpose of the Data Collection

HSLs:09 is designed to monitor the transition of a national sample of young people as they progress through high school and onto postsecondary education and/or the world of work. The study has collected data on young people in high school from multiple perspectives and follows them on many pathways. Because it draws on respondent survey information as well as administrative records, HSLs:09 is able to provide information on many possible outcomes of secondary education.

The HSLs:09 student records collection, which includes financial aid received and enrollment status for each year attended, will provide data for longitudinal analysis of financial aid records. This will allow examination of borrowing and debt trends over time, as well as the effects of those trends on postsecondary persistence and attainment, and decisions about work and family.

Authorization of Data Collection

The Family Educational Rights and Privacy Act of 1974 (FERPA) (20 U.S.C. §1232[g]) allows for the release of institution record information to the Secretary of Education or his agent without prior consent of survey members (34 CFR §§ 99.31[a][3] and 99.35). NCES is authorized to conduct HSLs:09 by the Education Sciences Reform Act of 2002 (ESRA 2002, 20 U.S.C. §9543). The data are being collected for NCES by RTI International, a U.S.-based nonprofit research organization. All of the information you provide may be used only for statistical purposes and may not be disclosed, or used, in identifiable form for any other purpose except as required by law (20 U.S.C. §9573 and 6 U.S.C. §151).

For assistance with the HSLs:09 Student Records Collection, please contact:

Help Desk

<helpdeskphone> (toll-free)

At RTI International

Tiffany Mattox
Records Collection Manager, HSLs:09
1-919-485-7791
PortalHelp@rti.org

Daniel Pratt
Project Director, HSLs:09
1-919-541-6615
djp@rti.org

At the National Center for Education Statistics

Elise Christopher
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1-202-245-7098
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Conducted by
U.S. Department of Education
National Center for Education Statistics
Washington, DC
<https://nces.ed.gov/>

Postsecondary Data Portal Flyer Text

This informational flyer is handed out to any institution staff at conferences and similar venues. Its distribution is not limited to sample members of specific studies.

National Center for Education Statistics (NCES)
Postsecondary Data Portal (PDP)

Institutions can now provide data for NCES sample studies⁴ easily—at one central location!

What is the Postsecondary Data Portal?

The Postsecondary Data Portal (PDP) is a website that was created with input from institutions like yours!

By taking advantage of the PDP, you can help NCES collect data on students in our sample studies (e.g., NPSAS, BPS, B&B, HSLs). These data provide much-needed information on vital concerns to students, families, policymakers, and the academic community.

Visit <https://nces.ed.gov/surveys/> for more information on these studies.

Key Benefits

- Eliminates the need to visit a separate website for each NCES sample study in which you are asked to participate
- Creates consistency across studies, as all data are collected using the same interface
- Presents frequently asked questions, timelines, confidentiality information, and contact information for each study currently in progress
- Gives valuable information on current studies' objectives and research questions, as well as access to data and publications from previous studies
- Provides easy access to the NCES DataLab, where you can create tables and graphs with data from NCES sample studies

How do I use the PDP?

We will contact you when your institution is in an active data collection and supply you with your PDP username and password.

The PDP Task Menu will list the steps to follow to provide data.

Depending on your institution's capabilities and specific request, you can choose the most convenient way to provide your data.

Visit the PDP website at <https://surveys.nces.ed.gov/portal>.

For additional questions, you can contact our help desk at 1-855-500-1441 or PortalHelp@rti.org. Help Desk staff are available from 9:00 a.m. to 6:30 p.m. Eastern time, Monday – Friday.

⁴ Does not include Integrated Postsecondary Education Data System (IPEDS).

Appendix D: Unit and Item Nonresponse Bias Analysis

Table D-1. Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
School type												
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
Private	3,200	710	8.73	9.80	6.08	1.07*	12.26	8.73	8.73	#	#	
Asian 9th-grade enrollment percent												
≤ 2 percent	6,600	2,100	47.13	47.43	46.39	0.3	0.63	47.13	47.06	-0.07	-0.14	
> 2 percent	6,600	2,100	52.87	52.57	53.61	-0.3	-0.56	52.87	52.94	0.07	0.13	
Black 9th-grade enrollment percent												
≤ 7 percent	7,600	2,200	55.37	56.47	52.65	1.10	1.98	55.37	54.58	-0.79	-1.43	
> 7 percent	5,600	1,900	44.63	43.53	47.35	-1.10	-2.46	44.63	45.42	0.79	1.77	
Hispanic 9th-grade enrollment percent												
≤ 5 percent	7,100	2,100	44.07	46.09	39.07	2.02*	4.58	44.07	44.85	0.78	1.77	
> 5 percent	6,000	2,100	55.93	53.91	60.93	-2.02*	-3.61	55.93	55.15	-0.78	-1.40	
Other 9th-grade enrollment percent												
< 80 percent	6,500	2,300	61.23	59.48	65.56	-1.75*	-2.85	61.23	61.69	0.46	0.75	
≥ 80 percent	6,700	1,900	38.77	40.52	34.44	1.75*	4.51	38.77	38.31	-0.46	-1.19	
Charter school												
Yes	220	70	1.49	1.58	1.28	0.09	5.77	1.49	1.65	0.16	10.58	
No	9,800	3,400	89.25	88.06	92.20	-1.19*	-1.33	89.25	89.11	-0.14	-0.16	
Private	3,200	720	9.26	10.36	6.52	1.10*	11.93	9.26	9.24	-0.02	-0.20	
Total enrollment												
< 499 students	2,300	710	13.23	13.31	13.01	0.09	0.66	13.23	13.23	#	#	
500–999 students	3,200	890	24.10	24.38	23.43	0.27	1.13	24.10	24.10	#	#	
1,000–1,499 students	3,000	870	21.60	21.62	21.54	0.02	0.11	21.60	21.60	#	#	
1,500–2,000 students	2,300	830	17.59	17.59	17.61	-0.01	-0.04	17.59	17.47	-0.13	-0.72	
> 2,000 students	2,400	890	23.48	23.10	24.41	-0.38	-1.60	23.48	23.61	0.13	0.54	

See notes at end of table.

Table D-1. Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
9th-grade enrollment												
0–149 9th-grade students	3,300	940	18.17	18.87	16.45	0.70	3.84	18.17	18.17	#	#	
150–299 9th-grade students	3,100	830	22.73	23.34	21.23	0.61	2.67	22.73	22.73	#	#	
300–449 9th-grade students	3,000	910	21.86	21.52	22.69	-0.34	-1.54	21.86	21.86	#	#	
450–600 9th-grade students	1,900	750	17.23	16.32	19.49	-0.91	-5.29	17.23	16.73	-0.50	-2.92	
600+ 9th-grade students	1,900	750	20.00	19.95	20.14	-0.06	-0.28	20.00	20.51	0.50	2.51	
Number of full-time teachers												
≤ 50	4,500	1,300	28.37	29.64	25.23	1.27*	4.48	28.37	28.37	#	#	
51–100	5,200	1,600	39.06	38.46	40.55	-0.6	-1.54	39.06	39.06	#	#	
101–150	2,500	940	22.79	22.42	23.69	-0.37	-1.60	22.79	22.79	#	#	
> 150	910	360	9.78	9.47	10.53	-0.3	-3.10	9.78	9.78	#	#	
Student to teacher ratio												
≤ 10	1,000	300	6.73	6.87	6.37	0.14	2.13	6.73	6.73	#	#	
11–15	4,000	1,200	29.03	29.13	28.78	0.1	0.35	29.03	29.03	#	#	
15–20	5,800	2,000	45.47	45.80	44.66	0.33	0.73	45.47	45.47	#	#	
20–25	2,200	700	17.96	17.51	19.05	-0.44	-2.46	17.96	17.96	#	#	
> 25	90	40	0.81	0.68	1.14	-0.13	-16.42	0.81	0.81	#	#	
Census region												
Northeast	2,200	660	19.82	19.42	20.81	-0.4	-2.02	19.82	19.82	#	#	
Midwest	3,500	1,100	21.24	20.81	22.31	-0.43	-2.02	21.24	21.24	#	#	
South	5,300	1,600	36.55	38.16	32.56	1.61*	4.41	36.55	36.55	#	#	
West	2,200	740	22.39	21.61	24.32	-0.78	-3.49	22.39	22.39	#	#	
School urbanicity												
City	4,000	1,200	29.36	27.51	33.92	-1.84*	-6.28	29.36	29.36	#	#	
Suburban	4,900	1,500	34.45	35.81	31.06	1.37*	3.97	34.45	34.45	#	#	
Town	1,500	420	12.17	12.44	11.50	0.27	2.22	12.17	12.17	#	#	
Rural	2,800	1,000	24.03	24.24	23.52	0.21	0.86	24.03	24.03	#	#	

See notes at end of table.

Table D-1. Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Range of grades in school												
High school only	10,900	3,600	84.69	84.12	86.10	-0.57	-0.67	84.69	85.09	0.40	0.47	
Middle and high school	1,300	390	11.08	11.11	11.02	0.03	0.24	11.08	10.64	-0.44	-3.99	
Elementary to high school	1,000	230	4.23	4.77	2.88	0.54*	12.86	4.23	4.27	0.04	1.02	
Religious affiliation												
Yes	3,100	690	8.37	9.40	5.83	1.03*	12.28	8.37	8.38	#	0.03	
No	90	20	0.36	0.40	0.25	0.04	11.94	0.36	0.35	#	-0.63	
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
School is regular secondary												
Yes	2,900	650	7.97	8.97	5.51	1.00*	12.48	7.97	7.99	0.02	0.22	
No	250	60	0.76	0.83	0.57	0.08	9.98	0.76	0.74	-0.02	-2.32	
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
Augmented sample-state (public school only)												
California	590	320	13.83	12.34	17.52	-1.49*	-10.77	13.83	13.83	#	#	
Florida	510	140	3.47	3.74	2.82	0.26	7.58	3.47	3.47	#	#	
Georgia	310	430	2.08	1.21	4.23	-0.87*	-41.92	2.08	2.08	#	#	
Michigan	690	150	3.18	3.64	2.04	0.46*	14.50	3.18	3.18	#	#	
North Carolina	710	160	3.26	3.60	2.42	0.34*	10.37	3.26	3.26	#	#	
Ohio	600	180	2.43	2.48	2.29	0.05	2.24	2.43	2.43	#	#	
Pennsylvania	570	180	3.50	3.74	2.92	0.23	6.68	3.50	3.50	#	#	
Tennessee	620	130	1.81	2.07	1.17	0.26*	14.33	1.81	1.81	#	#	
Texas	710	190	9.02	9.69	7.36	0.67*	7.43	9.02	9.02	#	#	
Washington State	490	170	2.09	2.06	2.16	-0.03	-1.40	2.09	2.09	#	#	
Public schools in other states and private schools	7,400	2,200	55.33	55.43	55.06	0.11	0.20	55.33	55.33	#	#	
Sex ⁶												
Male	6,100	2,100	48.08	46.16	52.82	-1.91*	-3.98	48.08	48.08	#	#	
Female	7,100	2,100	51.92	53.84	47.18	1.91*	3.69	51.92	51.92	#	#	

See notes at end of table.

Table D-1. Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Race ⁷												
Asian	1,200	420	4.19	4.34	3.82	0.15	3.57	4.19	4.19	#	#	
Black	1,300	450	12.56	11.62	14.89	-0.94	-7.49	12.56	12.56	#	#	
Hispanic	1,900	710	20.61	18.99	24.62	-1.62*	-7.85	20.61	20.61	#	#	
White	7,500	2,200	53.92	56.49	47.57	2.56*	4.75	53.92	53.92	#	#	
Other/Multiracial	1,300	420	8.71	8.56	9.09	-0.15	-1.78	8.71	8.71	#	#	

† Not applicable.

Rounds to zero.

* Bias is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the base weight adjusted for unknown eligibility) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁴ Relative bias is computed as 100 times the ratio of the estimated bias to the weighted full sample mean.⁵ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the nonresponse adjusted weight) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁶ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁷ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-2 Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
School type					
Public	91.27	91.27	91.28	-0.01	-0.01
Private	8.73	8.73	8.72	0.01	0.01
Asian 9th-grade enrollment percent					
≤ 2 percent	47.06	47.13	46.53	0.53	0.60
> 2 percent	52.94	52.87	53.47	-0.53	-0.60
Black 9th-grade enrollment percent					
≤ 7 percent	54.58	55.37	53.96	0.62	1.41
> 7 percent	45.42	44.63	46.04	-0.62	-1.41
Hispanic 9th-grade enrollment percent					
≤ 5 percent	44.85	44.07	43.99	0.87	0.09
> 5 percent	55.15	55.93	56.01	-0.87	-0.09
Other 9th-grade enrollment percent					
< 80 percent	61.69	61.23	62.48	-0.79	-1.25
≥ 80 percent	38.31	38.77	37.52	0.79	1.25
Charter school					
Yes	1.65	1.49	1.94	-0.29*	-0.45
No	89.11	89.25	88.84	0.26	0.40
Private	9.24	9.26	9.21	0.03	0.05
Total enrollment					
< 499 students	13.23	13.23	12.89	0.33	0.33
500–999 students	24.10	24.10	22.85	1.25*	1.25
1,000–1,499 students	21.60	21.60	20.94	0.66	0.66
1,500–2,000 students	17.47	17.59	18.24	-0.77*	-0.65
> 2,000 students	23.61	23.48	25.08	-1.47*	-1.60*
9th-grade enrollment					
0–149 9th-grade students	18.17	18.17	17.82	0.35	0.35
150–299 9th-grade students	22.73	22.73	21.76	0.97*	0.97
300–449 9th-grade students	21.86	21.86	21.05	0.81	0.81
450–600 9th-grade students	16.73	17.23	17.54	-0.81*	-0.31
600+ 9th-grade students	20.51	20.00	21.82	-1.32*	-1.82*

See notes at end of table.

Table D-2 Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Number of full-time teachers					
≤ 50	28.37	28.37	27.27	1.11*	1.11
51–100	39.06	39.06	38.53	0.54	0.54
101–150	22.79	22.79	24.00	-1.21*	-1.21
> 150	9.78	9.78	10.21	-0.43	-0.43
Student to teacher ratio					
≤ 10	6.73	6.73	6.76	-0.03	-0.03
11–15	29.03	29.03	27.02	2.01*	2.01*
15–20	45.47	45.47	46.16	-0.69	-0.69
20–25	17.96	17.96	19.26	-1.31*	-1.31
> 25	0.81	0.81	0.79	0.02	0.02
Census region					
Northeast	19.82	19.82	18.24	1.58*	1.58*
Midwest	21.24	21.24	21.97	-0.73*	-0.73
South	36.55	36.55	36.55	#	#
West	22.39	22.39	23.24	-0.85	-0.85
School urbanicity					
City	29.36	29.36	32.04	-2.68*	-2.68*
Suburban	34.45	34.45	34.48	-0.03	-0.03
Town	12.17	12.17	10.86	1.30*	1.30*
Rural	24.03	24.03	22.62	1.41*	1.41*
Range of grades in school					
High school only	85.09	84.69	85.40	-0.31	-0.71
Middle and high school	10.64	11.08	10.02	0.62	1.06
Elementary to high school	4.27	4.23	4.58	-0.31	-0.35
Religious affiliation					
Yes	8.38	8.37	8.34	0.04	0.03
No	0.35	0.36	0.38	-0.03	-0.02
Public	91.27	91.27	91.28	-0.01	-0.01
School is regular secondary					
Yes	7.99	7.97	7.99	#	-0.01
No	0.74	0.76	0.73	0.01	0.03
Public	91.27	91.27	91.28	-0.01	-0.01

See notes at end of table.

Table D-2 Nonresponse bias before and after weight adjustments for the sample using the W5PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Augmented sample-state (public school only)					
California	13.83	13.83	13.07	0.77	0.77
Florida	3.47	3.47	5.57	-2.09*	-2.09*
Georgia	2.08	2.08	3.08	-1.01*	-1.01*
Michigan	3.18	3.18	3.19	-0.01	-0.01
North Carolina	3.26	3.26	2.85	0.42*	0.42*
Ohio	2.43	2.43	3.34	-0.91*	-0.91*
Pennsylvania	3.50	3.50	3.13	0.38*	0.38*
Tennessee	1.81	1.81	1.55	0.26*	0.26*
Texas	9.02	9.02	8.43	0.59*	0.59
Washington State	2.09	2.09	1.77	0.32*	0.32*
Public schools in other states and private schools	55.33	55.33	54.02	1.30*	1.30
Sex ³					
Male	48.08	48.08	47.75	0.33	0.33
Female	51.92	51.92	52.25	-0.33	-0.33
Race ⁴					
Asian	4.19	4.19	4.20	-0.01	-0.01
Black	12.56	12.56	12.79	-0.23	-0.23
Hispanic	20.61	20.61	20.89	-0.28	-0.28
White	53.92	53.92	53.20	0.72*	0.72
Other/Multiracial	8.71	8.71	8.92	-0.21	-0.21

† Not applicable.

Rounds to zero.

* Difference between means is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁴ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-3. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
School type												
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
Private	3,200	710	8.73	9.80	6.08	1.07*	12.26	8.73	8.73	#	#	
Asian 9th-grade enrollment percent												
≤ 2 percent	6,600	2,100	47.13	47.43	46.39	0.3	0.63	47.13	47.06	-0.07	-0.14	
> 2 percent	6,600	2,100	52.87	52.57	53.61	-0.3	-0.56	52.87	52.94	0.07	0.13	
Black 9th-grade enrollment percent												
≤ 7 percent	7,600	2,200	55.37	56.47	52.65	1.10	1.98	55.37	54.58	-0.79	-1.43	
> 7 percent	5,600	1,900	44.63	43.53	47.35	-1.10	-2.46	44.63	45.42	0.79	1.77	
Hispanic 9th-grade enrollment percent												
≤ 5 percent	7,100	2,100	44.07	46.09	39.07	2.02*	4.58	44.07	44.85	0.78	1.77	
> 5 percent	6,000	2,100	55.93	53.91	60.93	-2.02*	-3.61	55.93	55.15	-0.78	-1.40	
Other 9th-grade enrollment percent												
< 80 percent	6,500	2,300	61.23	59.48	65.56	-1.75*	-2.85	61.23	61.69	0.46	0.75	
≥ 80 percent	6,700	1,900	38.77	40.52	34.44	1.75*	4.51	38.77	38.31	-0.46	-1.19	
Charter school												
Yes	220	70	1.49	1.58	1.28	0.09	5.77	1.49	1.65	0.16	10.58	
No	9,800	3,400	89.25	88.06	92.20	-1.19*	-1.33	89.25	89.11	-0.14	-0.16	
Private	3,200	720	9.26	10.36	6.52	1.10*	11.93	9.26	9.24	-0.02	-0.20	
Total enrollment												
< 499 students	2,300	710	13.23	13.31	13.01	0.09	0.66	13.23	13.23	#	#	
500–999 students	3,200	890	24.10	24.38	23.43	0.27	1.13	24.10	24.10	#	#	
1,000–1,499 students	3,000	870	21.60	21.62	21.54	0.02	0.11	21.60	21.60	#	#	
1,500–2,000 students	2,300	830	17.59	17.59	17.61	-0.01	-0.04	17.59	17.47	-0.13	-0.72	
> 2,000 students	2,400	890	23.48	23.10	24.41	-0.38	-1.60	23.48	23.61	0.13	0.54	

See notes at end of table.

Table D-3. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
9th-grade enrollment												
0–149 9th-grade students	3,300	940	18.17	18.87	16.45	0.70	3.84	18.17	18.17	#	#	
150–299 9th-grade students	3,100	830	22.73	23.34	21.23	0.61	2.67	22.73	22.73	#	#	
300–449 9th-grade students	3,000	910	21.86	21.52	22.69	-0.34	-1.54	21.86	21.86	#	#	
450–600 9th-grade students	1,900	750	17.23	16.32	19.49	-0.91	-5.29	17.23	16.73	-0.50	-2.92	
600+ 9th-grade students	1,900	750	20.00	19.95	20.14	-0.06	-0.28	20.00	20.51	0.50	2.51	
Number of full-time teachers												
≤ 50	4,500	1,300	28.37	29.64	25.23	1.27*	4.48	28.37	28.37	#	#	
51–100	5,200	1,600	39.06	38.46	40.55	-0.60	-1.54	39.06	39.06	#	#	
101–150	2,500	940	22.79	22.42	23.69	-0.37	-1.60	22.79	22.79	#	#	
> 150	910	360	9.78	9.47	10.53	-0.30	-3.10	9.78	9.78	#	#	
Student to teacher ratio												
≤ 10	1,000	300	6.73	6.87	6.37	0.14	2.13	6.73	6.73	#	#	
11–15	4,000	1,200	29.03	29.13	28.78	0.10	0.35	29.03	29.03	#	#	
15–20	5,800	2,000	45.47	45.80	44.66	0.33	0.73	45.47	45.47	#	#	
20–25	2,200	700	17.96	17.51	19.05	-0.44	-2.46	17.96	17.96	#	#	
> 25	90	40	0.81	0.68	1.14	-0.13	-16.42	0.81	0.81	#	#	
Census region												
Northeast	2,200	660	19.82	19.42	20.81	-0.40	-2.02	19.82	19.82	#	#	
Midwest	3,500	1,100	21.24	20.81	22.31	-0.43	-2.02	21.24	21.24	#	#	
South	5,300	1,600	36.55	38.16	32.56	1.61*	4.41	36.55	36.55	#	#	
West	2,200	740	22.39	21.61	24.32	-0.78	-3.49	22.39	22.39	#	#	
School urbanicity												
City	4,000	1,200	29.36	27.51	33.92	-1.84*	-6.28	29.36	29.36	#	#	
Suburban	4,900	1,500	34.45	35.81	31.06	1.37*	3.97	34.45	34.45	#	#	
Town	1,500	420	12.17	12.44	11.50	0.27	2.22	12.17	12.17	#	#	
Rural	2,800	1,000	24.03	24.24	23.52	0.21	0.86	24.03	24.03	#	#	

See notes at end of table.

Table D-3. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Range of grades in school												
High school only	10,900	3,600	84.69	84.12	86.10	-0.57	-0.67	84.69	85.09	0.40	0.47	
Middle and high school	1,300	390	11.08	11.11	11.02	0.03	0.24	11.08	10.64	-0.44	-3.99	
Elementary to high school	1,000	230	4.23	4.77	2.88	0.54*	12.86	4.23	4.27	0.04	1.02	
Religious affiliation												
Yes	3,100	690	8.37	9.40	5.83	1.03*	12.28	8.37	8.38	#	0.03	
No	90	20	0.36	0.40	0.25	0.04	11.94	0.36	0.35	#	-0.63	
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
School is regular secondary												
Yes	2,900	650	7.97	8.97	5.51	1.00*	12.48	7.97	7.99	0.02	0.22	
No	250	60	0.76	0.83	0.57	0.08	9.98	0.76	0.74	-0.02	-2.32	
Public	10,000	3,500	91.27	90.20	93.92	-1.07*	-1.17	91.27	91.27	#	#	
Augmented sample-state (public school only)												
California	590	320	13.83	12.34	17.52	-1.49*	-10.77	13.83	13.83	#	#	
Florida	510	140	3.47	3.74	2.82	0.26	7.58	3.47	3.47	#	#	
Georgia	310	430	2.08	1.21	4.23	-0.87*	-41.92	2.08	2.08	#	#	
Michigan	690	150	3.18	3.64	2.04	0.46*	14.50	3.18	3.18	#	#	
North Carolina	710	160	3.26	3.60	2.42	0.34*	10.37	3.26	3.26	#	#	
Ohio	600	180	2.43	2.48	2.29	0.05	2.24	2.43	2.43	#	#	
Pennsylvania	570	180	3.50	3.74	2.92	0.23	6.68	3.50	3.50	#	#	
Tennessee	620	130	1.81	2.07	1.17	0.26*	14.33	1.81	1.81	#	#	
Texas	710	190	9.02	9.69	7.36	0.67*	7.43	9.02	9.02	#	#	
Washington State	490	170	2.09	2.06	2.16	-0.03	-1.40	2.09	2.09	#	#	
Public schools in other states and private schools	7,400	2,200	55.33	55.43	55.06	0.11	0.20	55.33	55.33	#	#	
Sex ⁶												
Male	6,100	2,100	48.08	46.16	52.82	-1.91*	-3.98	48.08	48.08	#	#	
Female	7,100	2,100	51.92	53.84	47.18	1.91*	3.69	51.92	51.92	#	#	

See notes at end of table.

Table D-3. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Race ⁷												
Asian	1,200	420	4.19	4.34	3.82	0.15	3.57	4.19	4.19	#	#	#
Black	1,300	450	12.56	11.62	14.89	-0.94	-7.49	12.56	12.56	#	#	#
Hispanic	1,900	710	20.61	18.99	24.62	-1.62*	-7.85	20.61	20.61	#	#	#
White	7,500	2,200	53.92	56.49	47.57	2.56*	4.75	53.92	53.92	#	#	#
Other/Multiracial	1,300	420	8.71	8.56	9.09	-0.15	-1.78	8.71	8.71	#	#	#

† Not applicable.

Rounds to zero.

* Bias is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the base weight adjusted for unknown eligibility) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁴ Relative bias is computed as 100 times the ratio of the estimated bias to the weighted full sample mean.⁵ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the nonresponse adjusted weight) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁶ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁷ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-4. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
School type					
Public	91.27	91.27	91.26	0.01	0.01
Private	8.73	8.73	8.74	-0.01	-0.01
Asian 9th-grade enrollment percent					
≤ 2 percent	47.28	47.13	46.61	0.67	0.52
> 2 percent	52.72	52.87	53.39	-0.67	-0.52
Black 9th-grade enrollment percent					
≤ 7 percent	54.16	55.37	53.43	0.73	1.94*
> 7 percent	45.84	44.63	46.57	-0.73	-1.94*
Hispanic 9th-grade enrollment percent					
≤ 5 percent	45.28	44.07	44.31	0.96*	-0.24
> 5 percent	54.72	55.93	55.69	-0.96*	0.24
Other 9th-grade enrollment percent					
< 80 percent	61.59	61.23	62.56	-0.97*	-1.32
≥ 80 percent	38.41	38.77	37.44	0.97*	1.32
Charter school					
Yes	1.60	1.49	1.93	-0.33*	-0.44
No	89.17	89.25	88.87	0.30	0.38
Private	9.23	9.26	9.20	0.02	0.05
Total enrollment					
< 499 students	13.23	13.23	12.82	0.41	0.41
500–999 students	24.10	24.10	22.74	1.36*	1.36
1,000–1,499 students	21.60	21.60	20.99	0.61	0.61
1,500–2,000 students	17.44	17.59	18.39	-0.95*	-0.80
> 2,000 students	23.63	23.48	25.06	-1.43*	-1.58

See notes at end of table.

Table D-4. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
9th-grade enrollment					
0–149 9th-grade students	18.17	18.17	17.79	0.39	0.39
150–299 9th-grade students	22.73	22.73	21.60	1.14*	1.14
300–449 9th-grade students	21.86	21.86	21.27	0.59	0.59
450–600 9th-grade students	17.23	17.23	18.14	-0.91*	-0.91
600+ 9th-grade students	20.00	20.00	21.22	-1.21*	-1.21
Number of full-time teachers					
≤ 50	28.37	28.37	27.20	1.18*	1.18
51–100	39.06	39.06	38.56	0.50	0.50
101–150	22.79	22.79	24.05	-1.27*	-1.27
> 150	9.78	9.78	10.19	-0.41	-0.41
Student to teacher ratio					
≤ 10	6.73	6.73	6.75	-0.02	-0.02
11–15	29.03	29.03	26.89	2.14*	2.14*
15–20	45.47	45.47	46.39	-0.92	-0.92
20–25	17.96	17.96	19.19	-1.24*	-1.24
> 25	0.81	0.81	0.78	0.03	0.03
Census region					
Northeast	19.82	19.82	18.22	1.60*	1.60*
Midwest	21.24	21.24	21.94	-0.69*	-0.69
South	36.55	36.55	36.55	#	#
West	22.39	22.39	23.29	-0.91*	-0.91
School urbanicity					
City	29.36	29.36	32.02	-2.67*	-2.67*
Suburban	34.45	34.45	34.51	-0.07	-0.07
Town	12.17	12.17	10.86	1.31*	1.31*
Rural	24.03	24.03	22.61	1.43*	1.43*

See notes at end of table.

Table D-4. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Range of grades in school					
High school only	85.61	84.69	85.87	-0.26	-1.18
Middle and high school	10.12	11.08	9.48	0.64	1.60*
Elementary to high school	4.27	4.23	4.65	-0.38	-0.42
Religious affiliation					
Yes	8.40	8.37	8.37	0.03	#
No	0.33	0.36	0.36	-0.03	-0.01
Public	91.27	91.27	91.26	0.01	0.01
School is regular secondary					
Yes	8.02	7.97	8.00	0.02	-0.03
No	0.71	0.76	0.74	-0.03	0.02
Public	91.27	91.27	91.26	0.01	0.01
Augmented sample-state (public school only)					
California	13.83	13.83	13.08	0.76	0.76
Florida	3.47	3.47	5.57	-2.10*	-2.10*
Georgia	2.08	2.08	3.08	-1.00*	-1.00*
Michigan	3.18	3.18	3.19	-0.02	-0.02
North Carolina	3.26	3.26	2.84	0.42*	0.42*
Ohio	2.43	2.43	3.34	-0.91*	-0.91*
Pennsylvania	3.50	3.50	3.13	0.37*	0.37*
Tennessee	1.81	1.81	1.54	0.27*	0.27*
Texas	9.02	9.02	8.42	0.61*	0.61
Washington State	2.09	2.09	1.77	0.32*	0.32*
Public schools in other states and private schools	55.33	55.33	54.03	1.29*	1.29
Sex ³					
Male	48.08	48.08	47.76	0.32	0.32
Female	51.92	51.92	52.24	-0.32	-0.32

See notes at end of table.

Table D-4. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSTRANS weight, by selected categorical variables: PETS—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Race ⁴					
Asian	4.19	4.19	4.22	-0.03	-0.03
Black	12.56	12.56	12.89	-0.33	-0.33
Hispanic	20.61	20.61	20.54	0.07	0.07
White	53.92	53.92	53.25	0.67	0.67
Other/Multiracial	8.71	8.71	9.10	-0.39*	-0.39

† Not applicable.

Rounds to zero.

* Difference between means is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.

² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.

³ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.

⁴ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-5. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
School type												
Public	6,500	6,900	91.24	89.88	92.53	-1.36*	-1.49	91.24	91.24	#	#	
Private	2,200	1,700	8.76	10.12	7.47	1.36*	15.52	8.76	8.76	#	#	
Asian 9th-grade enrollment percent												
≤ 2 percent	4,400	4,200	47.03	46.83	47.22	-0.20	-0.43	47.03	46.22	-0.81	-1.73	
> 2 percent	4,300	4,300	52.97	53.17	52.78	0.20	0.39	52.97	53.78	0.81	1.53	
Black 9th-grade enrollment percent												
≤ 7 percent	5,000	4,700	55.34	55.62	55.07	0.28	0.51	55.34	54.98	-0.36	-0.66	
> 7 percent	3,600	3,800	44.66	44.38	44.93	-0.28	-0.63	44.66	45.02	0.36	0.81	
Hispanic 9th-grade enrollment percent												
≤ 5 percent	4,700	4,400	44.00	45.69	42.41	1.68	3.82	44.00	44.05	0.05	0.11	
> 5 percent	4,000	4,100	56.00	54.31	57.59	-1.68	-3.00	56.00	55.95	-0.05	-0.08	
Other 9th-grade enrollment percent												
< 80 percent	4,200	4,600	61.29	58.80	63.65	-2.49*	-4.07	61.29	61.91	0.62	1.02	
≥ 80 percent	4,500	3,900	38.71	41.20	36.35	2.49*	6.44	38.71	38.09	-0.62	-1.61	
Charter school												
Yes	140	150	1.51	1.42	1.58	-0.08	-5.43	1.51	1.64	0.13	8.63	
No	6,300	6,700	89.21	87.60	90.73	-1.61*	-1.80	89.21	88.91	-0.29	-0.33	
Private	2,200	1,700	9.29	10.98	7.68	1.69*	18.21	9.29	9.45	0.16	1.76	
Total enrollment												
< 499 students	1,500	1,500	13.21	13.42	13.02	0.21	1.57	13.21	13.21	#	#	
500–999 students	2,200	1,900	24.04	26.43	21.77	2.39*	9.94	24.04	24.04	#	#	
1,000–1,499 students	1,900	1,900	21.62	20.59	22.59	-1.03	-4.76	21.62	21.62	#	#	
1,500–2,000 students	1,500	1,600	17.59	17.32	17.84	-0.26	-1.51	17.59	17.81	0.22	1.27	
> 2,000 students	1,500	1,700	23.54	22.24	24.78	-1.30	-5.54	23.54	23.32	-0.22	-0.95	

See notes at end of table.

Table D-5. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
9th-grade enrollment												
0–149 9th-grade students	2,200	2,000	18.13	19.17	17.14	1.04	5.74	18.13	18.13	#	#	
150–299 9th-grade students	2,100	1,800	22.71	25.50	20.07	2.79*	12.29	22.71	22.71	#	#	
300–449 9th-grade students	1,900	2,000	21.88	19.97	23.69	-1.91	-8.73	21.88	21.88	#	#	
450–600 9th-grade students	1,300	1,400	17.19	16.37	17.97	-0.82	-4.78	17.19	17.15	-0.04	-0.22	
600+ 9th-grade students	1,200	1,400	20.10	19.00	21.14	-1.10	-5.48	20.10	20.14	0.04	0.18	
Number of full-time teachers												
≤ 50	3,000	2,700	28.28	30.28	26.39	1.99*	7.05	28.28	28.28	#	#	
51–100	3,400	3,400	39.04	39.10	38.99	0.06	0.15	39.04	39.04	#	#	
101–150	1,700	1,800	22.87	21.21	24.45	-1.67*	-7.29	22.87	22.87	#	#	
> 150	590	680	9.80	9.42	10.17	-0.39	-3.93	9.80	9.80	#	#	
Student to teacher ratio												
≤ 10	720	610	6.71	6.74	6.68	0.03	0.51	6.71	6.71	#	#	
11–15	2,700	2,400	29.06	30.74	27.47	1.68*	5.77	29.06	29.06	#	#	
15–20	3,900	3,900	45.47	45.39	45.55	-0.08	-0.18	45.47	45.47	#	#	
20–25	1,300	1,500	17.95	16.55	19.27	-1.40	-7.78	17.95	17.95	#	#	
> 25	40	90	0.81	0.58	1.03	-0.23	-28.50	0.81	0.81	#	#	
Census region												
Northeast	1,300	1,600	19.89	18.76	20.96	-1.13	-5.70	19.89	19.89	#	#	
Midwest	2,400	2,200	21.25	22.10	20.45	0.84	3.97	21.25	21.25	#	#	
South	3,700	3,200	36.49	38.67	34.43	2.17*	5.96	36.49	36.49	#	#	
West	1,400	1,500	22.36	20.48	24.15	-1.89	-8.43	22.36	22.36	#	#	
School urbanicity												
City	2,700	2,400	29.38	29.64	29.13	0.26	0.89	29.38	29.38	#	#	
Suburban	3,100	3,300	34.54	32.87	36.11	-1.66	-4.82	34.54	34.54	#	#	
Town	1,000	830	12.05	13.35	10.81	1.31	10.84	12.05	12.05	#	#	
Rural	1,900	1,900	24.04	24.13	23.94	0.10	0.40	24.04	24.04	#	#	

See notes at end of table.

Table D-5. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Range of grades in school												
High school only	7,100	7,200	84.66	83.31	85.93	-1.34	-1.59	84.66	83.97	-0.68	-0.81	
Middle and high school	890	770	11.12	11.80	10.47	0.69	6.18	11.12	11.88	0.76	6.86	
Elementary to high school	680	550	4.23	4.88	3.60	0.66	15.51	4.23	4.15	-0.08	-1.85	
Religious affiliation												
Yes	2,100	1,600	8.40	9.70	7.16	1.30*	15.52	8.40	8.43	0.03	0.34	
No	60	50	0.36	0.41	0.31	0.06	15.52	0.36	0.33	-0.03	-8.05	
Public	6,500	6,900	91.24	89.88	92.53	-1.36*	-1.49	91.24	91.24	#	#	
School is regular secondary												
Yes	2,000	1,500	8.00	9.36	6.72	1.35*	16.92	8.00	8.11	0.11	1.40	
No	160	150	0.76	0.76	0.75	0.01	0.68	0.76	0.64	-0.11	-14.77	
Public	6,500	6,900	91.24	89.88	92.53	-1.36*	-1.49	91.24	91.24	#	#	
Augmented sample-state (public school only)												
California	380	530	13.90	11.71	15.98	-2.20*	-15.80	13.90	13.90	#	#	
Florida	320	320	3.48	3.61	3.35	0.13	3.78	3.48	3.48	#	#	
Georgia	170	560	2.08	1.00	3.10	-1.08*	-51.70	2.08	2.08	#	#	
Michigan	430	410	3.17	3.50	2.86	0.33	10.48	3.17	3.17	#	#	
North Carolina	510	350	3.25	3.86	2.68	0.60*	18.53	3.25	3.25	#	#	
Ohio	370	400	2.43	2.36	2.50	-0.07	-3.07	2.43	2.43	#	#	
Pennsylvania	320	430	3.51	3.11	3.90	-0.40	-11.48	3.51	3.51	#	#	
Tennessee	460	290	1.81	2.22	1.43	0.40*	22.32	1.81	1.81	#	#	
Texas	510	390	9.04	10.13	8.01	1.09	12.07	9.04	9.04	#	#	
Washington State	250	390	2.05	1.58	2.50	-0.47*	-23.08	2.05	2.05	#	#	
Public schools in other states and private schools	5,000	4,500	55.26	56.92	53.69	1.66	3.00	55.26	55.26	#	#	
Sex ⁶												
Male	4,000	4,100	48.02	46.20	49.74	-1.82*	-3.78	48.02	48.02	#	#	
Female	4,700	4,400	51.98	53.80	50.26	1.82*	3.49	51.98	51.98	#	#	

See notes at end of table.

Table D-5. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Race ⁷												
Asian	790	870	4.21	4.22	4.20	0.01	0.27	4.21	4.21	#	#	
Black	850	860	12.54	12.11	12.96	-0.44	-3.47	12.54	12.54	#	#	
Hispanic	1,200	1,400	20.67	18.06	23.15	-2.61*	-12.64	20.67	20.67	#	#	
White	5,100	4,600	53.86	56.66	51.21	2.80*	5.19	53.86	53.86	#	#	
Other/Multiracial	820	850	8.72	8.96	8.49	0.24	2.75	8.72	8.72	#	#	

† Not applicable.

Rounds to zero.

* Bias is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the base weight adjusted for unknown eligibility) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁴ Relative bias is computed as 100 times the ratio of the estimated bias to the weighted full sample mean.⁵ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the nonresponse adjusted weight) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁶ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁷ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-6. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
School type					
Public	91.24	91.24	91.26	-0.01	-0.01
Private	8.76	8.76	8.74	0.01	0.01
Asian 9th-grade enrollment percent					
≤ 2 percent	46.22	47.03	45.83	0.38	1.20
> 2 percent	53.78	52.97	54.17	-0.38	-1.20
Black 9th-grade enrollment percent					
≤ 7 percent	54.98	55.34	54.31	0.67	1.03
> 7 percent	45.02	44.66	45.69	-0.67	-1.03
Hispanic 9th-grade enrollment percent					
≤ 5 percent	44.05	44.00	43.58	0.47	0.43
> 5 percent	55.95	56.00	56.42	-0.47	-0.43
Other 9th-grade enrollment percent					
< 80 percent	61.91	61.29	62.37	-0.46	-1.08
≥ 80 percent	38.09	38.71	37.63	0.46	1.08
Charter school					
Yes	1.64	1.51	1.89	-0.25*	-0.38
No	88.91	89.21	88.70	0.22	0.51
Private	9.45	9.29	9.41	0.04	-0.13
Total enrollment					
< 499 students	13.21	13.21	12.87	0.34	0.34
500–999 students	24.04	24.04	22.56	1.47*	1.47
1,000–1,499 students	21.62	21.62	20.63	0.99	0.99
1,500–2,000 students	17.81	17.59	18.73	-0.92*	-1.14
> 2,000 students	23.32	23.54	25.21	-1.89*	-1.66

See notes at end of table.

Table D-6. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
9th-grade enrollment					
0–149 9th-grade students	18.13	18.13	17.78	0.34	0.34
150–299 9th-grade students	22.71	22.71	21.59	1.12	1.12
300–449 9th-grade students	21.88	21.88	20.88	1.00	1.00
450–600 9th-grade students	17.15	17.19	17.86	-0.71	-0.67
600+ 9th-grade students	20.14	20.10	21.89	-1.75*	-1.79*
Number of full-time teachers					
≤ 50	28.28	28.28	27.43	0.85	0.85
51–100	39.04	39.04	37.98	1.06	1.06
101–150	22.87	22.87	24.35	-1.48*	-1.48
> 150	9.80	9.80	10.24	-0.44	-0.44
Student to teacher ratio					
≤ 10	6.71	6.71	6.60	0.11	0.11
11–15	29.06	29.06	27.21	1.85*	1.85*
15–20	45.47	45.47	45.81	-0.34	-0.34
20–25	17.95	17.95	19.56	-1.61*	-1.61
> 25	0.81	0.81	0.82	-0.01	-0.01
Census region					
Northeast	19.89	19.89	18.11	1.78*	1.78*
Midwest	21.25	21.25	22.04	-0.79*	-0.79
South	36.49	36.49	36.60	-0.11	-0.11
West	22.36	22.36	23.25	-0.88	-0.88
School urbanicity					
City	29.38	29.38	31.97	-2.58*	-2.58*
Suburban	34.54	34.54	34.69	-0.16	-0.16
Town	12.05	12.05	10.72	1.33*	1.33*
Rural	24.04	24.04	22.63	1.41	1.41

See notes at end of table.

Table D-6. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Range of grades in school					
High school only	83.97	84.66	84.88	-0.91	-0.22
Middle and high school	11.88	11.12	10.69	1.19	0.43
Elementary to high school	4.15	4.23	4.43	-0.28	-0.20
Religious affiliation					
Yes	8.43	8.40	8.38	0.05	0.02
No	0.33	0.36	0.36	-0.03	#
Public	91.24	91.24	91.26	-0.01	-0.01
School is regular secondary					
Yes	8.11	8.00	8.05	0.06	-0.05
No	0.64	0.76	0.69	-0.04	0.07
Public	91.24	91.24	91.26	-0.01	-0.01
Augmented sample-state (public school only)					
California	13.90	13.90	13.10	0.80	0.80
Florida	3.48	3.48	5.57	-2.09*	-2.09*
Georgia	2.08	2.08	3.12	-1.04*	-1.04*
Michigan	3.17	3.17	3.19	-0.02	-0.02
North Carolina	3.25	3.25	2.84	0.41*	0.41*
Ohio	2.43	2.43	3.35	-0.92*	-0.92*
Pennsylvania	3.51	3.51	3.13	0.39*	0.39
Tennessee	1.81	1.81	1.55	0.26*	0.26*
Texas	9.04	9.04	8.46	0.59*	0.59
Washington State	2.05	2.05	1.74	0.32*	0.32
Public schools in other states and private schools	55.26	55.26	53.95	1.31*	1.31
Sex ³					
Male	48.02	48.02	47.59	0.43	0.43
Female	51.98	51.98	52.41	-0.43	-0.43

See notes at end of table.

Table D-6. Nonresponse bias before and after weight adjustments for the sample using the W5PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Race ⁴					
Asian	4.21	4.21	4.28	-0.07	-0.07
Black	12.54	12.54	12.81	-0.27	-0.27
Hispanic	20.67	20.67	20.76	-0.09	-0.09
White	53.86	53.86	53.42	0.44	0.44
Other/Multiracial	8.72	8.72	8.73	-0.01	-0.01

† Not applicable.

Rounds to zero.

* Difference between means is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.

² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.

³ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.

⁴ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-7. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
School type												
Public	4,400	8,900	91.24	89.44	92.13	-1.80*	-1.97	91.24	91.24	#	#	
Private	1,500	2,300	8.76	10.56	7.87	1.80*	20.53	8.76	8.76	#	#	
Asian 9th-grade enrollment percent												
≤ 2 percent	3,000	5,600	47.03	47.09	47.00	0.06	0.13	47.03	47.40	0.37	0.78	
> 2 percent	3,000	5,700	52.97	52.91	53.00	-0.06	-0.12	52.97	52.60	-0.37	-0.69	
Black 9th-grade enrollment percent												
≤ 7 percent	3,500	6,300	55.34	56.19	54.92	0.85	1.54	55.34	54.39	-0.95	-1.71	
> 7 percent	2,500	4,900	44.66	43.81	45.08	-0.85	-1.91	44.66	45.61	0.95	2.12	
Hispanic 9th-grade enrollment percent												
≤ 5 percent	3,300	5,800	44.00	46.69	42.68	2.68*	6.09	44.00	44.89	0.88	2.01	
> 5 percent	2,700	5,400	56.00	53.31	57.32	-2.68*	-4.79	56.00	55.11	-0.88	-1.58	
Other 9th-grade enrollment percent												
< 80 percent	2,800	5,900	61.29	57.75	63.04	-3.54*	-5.78	61.29	61.78	0.49	0.80	
≥ 80 percent	3,100	5,300	38.71	42.25	36.96	3.54*	9.15	38.71	38.22	-0.49	-1.26	
Charter school												
Yes	110	190	1.51	1.39	1.56	-0.12	-7.82	1.51	1.68	0.17	11.40	
No	4,300	8,700	89.21	87.17	90.21	-2.04*	-2.29	89.21	88.89	-0.32	-0.36	
Private	1,500	2,300	9.29	11.44	8.22	2.16*	23.24	9.29	9.44	0.15	1.63	
Total enrollment												
< 499 students	1,100	2,000	13.21	13.47	13.08	0.26	1.96	13.21	13.21	#	#	
500–999 students	1,500	2,500	24.04	26.68	22.74	2.64*	10.99	24.04	24.04	#	#	
1,000–1,499 students	1,300	2,500	21.62	19.64	22.59	-1.98*	-9.16	21.62	21.62	#	#	
1,500–2,000 students	1,100	2,000	17.59	17.84	17.46	0.26	1.46	17.59	17.74	0.16	0.89	
> 2,000 students	1,000	2,200	23.54	22.37	24.12	-1.18	-5.00	23.54	23.39	-0.16	-0.67	

See notes at end of table.

Table D-7. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
9th-grade enrollment												
0–149 9th-grade students	1,600	2,600	18.13	19.81	17.30	1.68*	9.27	18.13	18.13	#	#	
150–299 9th-grade students	1,400	2,500	22.71	24.80	21.68	2.09*	9.20	22.71	22.71	#	#	
300–449 9th-grade students	1,300	2,500	21.88	19.70	22.95	-2.18*	-9.96	21.88	21.88	#	#	
450–600 9th-grade students	890	1,700	17.19	16.83	17.36	-0.36	-2.08	17.19	17.27	0.08	0.49	
600+ 9th-grade students	830	1,800	20.10	18.86	20.71	-1.23	-6.14	20.10	20.01	-0.08	-0.42	
Number of full-time teachers												
≤ 50	2,100	3,600	28.28	30.54	27.17	2.25*	7.96	28.28	28.28	#	#	
51–100	2,300	4,500	39.04	38.57	39.27	-0.47	-1.21	39.04	39.04	#	#	
101–150	1,100	2,300	22.87	21.54	23.53	-1.34	-5.85	22.87	22.87	#	#	
> 150	390	870	9.80	9.36	10.02	-0.44	-4.52	9.80	9.80	#	#	
Student to teacher ratio												
≤ 10	490	840	6.71	7.05	6.54	0.34	5.11	6.71	6.71	#	#	
11–15	1,900	3,300	29.06	30.66	28.27	1.60	5.49	29.06	29.06	#	#	
15–20	2,600	5,200	45.47	44.56	45.92	-0.91	-2.01	45.47	45.47	#	#	
20–25	940	1,900	17.95	17.17	18.34	-0.78	-4.36	17.95	17.95	#	#	
> 25	40	100	0.81	0.57	0.93	-0.24	-29.85	0.81	0.81	#	#	
Census region												
Northeast	900	2,000	19.89	18.97	20.34	-0.92	-4.61	19.89	19.89	#	#	
Midwest	1,700	2,900	21.25	23.14	20.32	1.89*	8.89	21.25	21.25	#	#	
South	2,500	4,400	36.49	37.23	36.13	0.74	2.02	36.49	36.49	#	#	
West	950	1,900	22.36	20.65	23.21	-1.71	-7.65	22.36	22.36	#	#	
School urbanicity												
City	1,900	3,200	29.38	30.50	28.83	1.11	3.79	29.38	29.38	#	#	
Suburban	2,100	4,300	34.54	32.28	35.65	-2.25*	-6.53	34.54	34.54	#	#	
Town	710	1,200	12.05	12.73	11.71	0.69	5.69	12.05	12.05	#	#	
Rural	1,300	2,500	24.04	24.49	23.81	0.46	1.90	24.04	24.04	#	#	

See notes at end of table.

Table D-7. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Range of grades in school												
High school only	4,900	9,400	84.66	83.58	85.19	-1.08	-1.28	84.66	84.40	-0.26	-0.31	
Middle and high school	600	1,000	11.12	11.58	10.89	0.46	4.13	11.12	11.47	0.35	3.14	
Elementary to high school	460	770	4.23	4.85	3.92	0.62	14.74	4.23	4.14	-0.09	-2.15	
Religious affiliation												
Yes	1,500	2,300	8.40	10.15	7.53	1.75*	20.90	8.40	8.47	0.07	0.81	
No	40	70	0.36	0.40	0.34	0.04	11.98	0.36	0.29	-0.07	-19.00	
Public	4,400	8,900	91.24	89.44	92.13	-1.80*	-1.97	91.24	91.24	#	#	
School is regular secondary												
Yes	1,400	2,100	8.00	9.77	7.13	1.77*	22.12	8.00	8.15	0.15	1.82	
No	110	200	0.76	0.78	0.74	0.03	3.75	0.76	0.61	-0.15	-19.27	
Public	4,400	8,900	91.24	89.44	92.13	-1.80*	-1.97	91.24	91.24	#	#	
Augmented sample-state (public school only)												
California	260	650	13.90	11.33	15.17	-2.57*	-18.52	13.90	13.90	#	#	
Florida	200	440	3.48	3.13	3.65	-0.35	-10.00	3.48	3.48	#	#	
Georgia	120	620	2.08	1.00	2.61	-1.08*	-51.97	2.08	2.08	#	#	
Michigan	290	540	3.17	3.57	2.98	0.39	12.45	3.17	3.17	#	#	
North Carolina	360	500	3.25	4.03	2.87	0.77*	23.72	3.25	3.25	#	#	
Ohio	260	500	2.43	2.47	2.41	0.04	1.72	2.43	2.43	#	#	
Pennsylvania	220	530	3.51	3.04	3.74	-0.47	-13.36	3.51	3.51	#	#	
Tennessee	310	440	1.81	2.12	1.66	0.31*	17.17	1.81	1.81	#	#	
Texas	320	580	9.04	9.60	8.77	0.56	6.14	9.04	9.04	#	#	
Washington State	170	470	2.05	1.58	2.29	-0.47*	-23.13	2.05	2.05	#	#	
Public schools in other states and private schools	3,500	6,000	55.26	58.14	53.85	2.87*	5.20	55.26	55.26	#	#	
Sex ⁶												
Male	2,700	5,400	48.02	45.98	49.02	-2.04*	-4.25	48.02	48.02	#	#	
Female	3,200	5,900	51.98	54.02	50.98	2.04*	3.92	51.98	51.98	#	#	

See notes at end of table.

Table D-7. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	Sample counts		Before nonresponse weight adjustment					After nonresponse weight adjustment				
	Unweighted respondents	Unweighted non-respondents	Means, base weighted ¹			Respondents vs. full sample ²		Means		Respondents vs. full sample ²		
			Full sample ²	Respondents	Non-respondents	Estimated bias ³	Relative bias ⁴	Full sample, ² base weighted ¹	Respondents, nonresponse adjusted	Estimated bias ⁵	Relative bias ⁴	
Race ⁷												
Asian	540	1,100	4.21	4.32	4.15	0.11	2.73	4.21	4.21	#	#	
Black	570	1,100	12.54	10.53	13.53	-2.01*	-16.02	12.54	12.54	#	#	
Hispanic	790	1,800	20.67	18.94	21.52	-1.73	-8.37	20.67	20.67	#	#	
White	3,500	6,100	53.86	57.76	51.94	3.90*	7.24	53.86	53.86	#	#	
Other/Multiracial	560	1,100	8.72	8.45	8.85	-0.27	-3.15	8.72	8.72	#	#	

† Not applicable.

Rounds to zero.

* Bias is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the base weight adjusted for unknown eligibility) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁴ Relative bias is computed as 100 times the ratio of the estimated bias to the weighted full sample mean.⁵ Bias in the sample mean is estimated as the difference between the mean of respondent cases (using the nonresponse adjusted weight) and the mean of the full sample cases (using the base weight adjusted for unknown eligibility).⁶ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁷ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-8. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
School type					
Public	91.24	91.24	91.25	-0.01	-0.01
Private	8.76	8.76	8.75	0.01	0.01
Asian 9th-grade enrollment percent					
≤ 2 percent	47.40	47.03	46.77	0.63	0.26
> 2 percent	52.60	52.97	53.23	-0.63	-0.26
Black 9th-grade enrollment percent					
≤ 7 percent	54.39	55.34	53.28	1.11*	2.06*
> 7 percent	45.61	44.66	46.72	-1.11*	-2.06*
Hispanic 9th-grade enrollment percent					
≤ 5 percent	44.89	44.00	44.26	0.63	-0.25
> 5 percent	55.11	56.00	55.74	-0.63	0.25
Other 9th-grade enrollment percent					
< 80 percent	61.78	61.29	62.67	-0.89	-1.38
≥ 80 percent	38.22	38.71	37.33	0.89	1.38
Charter school					
Yes	1.68	1.51	1.96	-0.29*	-0.46
No	88.89	89.21	88.64	0.25	0.57
Private	9.44	9.29	9.40	0.04	-0.11
Total enrollment					
< 499 students	13.21	13.21	12.75	0.47	0.47
500–999 students	24.04	24.04	22.69	1.35*	1.35
1,000–1,499 students	21.62	21.62	20.88	0.74	0.74
1,500–2,000 students	17.74	17.59	18.66	-0.91*	-1.07
> 2,000 students	23.39	23.54	25.03	-1.64*	-1.48
9th-grade enrollment					
0–149 9th-grade students	18.13	18.13	17.73	0.40	0.40
150–299 9th-grade students	22.71	22.71	21.56	1.15*	1.15
300–449 9th-grade students	21.88	21.88	21.27	0.61	0.61
450–600 9th-grade students	17.27	17.19	17.96	-0.69*	-0.77
600+ 9th-grade students	20.01	20.10	21.48	-1.47*	-1.38

See notes at end of table.

Table D-8. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Number of full-time teachers					
≤ 50	28.28	28.28	27.34	0.95	0.95
51–100	39.04	39.04	38.29	0.75	0.75
101–150	22.87	22.87	24.15	-1.28*	-1.28
> 150	9.80	9.80	10.22	-0.41	-0.41
Student to teacher ratio					
≤ 10	6.71	6.71	6.62	0.09	0.09
11–15	29.06	29.06	27.10	1.96*	1.96*
15–20	45.47	45.47	46.05	-0.57	-0.57
20–25	17.95	17.95	19.46	-1.51*	-1.51
> 25	0.81	0.81	0.77	0.04	0.04
Census region					
Northeast	19.89	19.89	18.14	1.75*	1.75*
Midwest	21.25	21.25	21.98	-0.73*	-0.73
South	36.49	36.49	36.59	-0.10	-0.10
West	22.36	22.36	23.29	-0.92	-0.92
School urbanicity					
City	29.38	29.38	32.03	-2.64*	-2.64*
Suburban	34.54	34.54	34.64	-0.10	-0.10
Town	12.05	12.05	10.70	1.35*	1.35*
Rural	24.04	24.04	22.64	1.40*	1.40
Range of grades in school					
High school only	84.40	84.66	85.03	-0.63	-0.37
Middle and high school	11.47	11.12	10.44	1.03	0.68
Elementary to high school	4.14	4.23	4.53	-0.40	-0.31
Religious affiliation					
Yes	8.47	8.40	8.40	0.06	#
No	0.29	0.36	0.35	-0.06	0.01
Public	91.24	91.24	91.25	-0.01	-0.01
School is regular secondary					
Yes	8.15	8.00	8.09	0.05	-0.09
No	0.61	0.76	0.65	-0.04	0.10
Public	91.24	91.24	91.25	-0.01	-0.01

See notes at end of table.

Table D-8. Nonresponse bias before and after weight adjustments for the sample using the W5W1W2W3W4PSRECORDS weight, by selected categorical variables: SR—Continued

Variable	After nonresponse weight adjustment	After poststratification adjustment			
	Mean	Means		Difference	
	Respondents, nonresponse adjusted (1)	Full sample ¹ , base weighted ² (2)	Respondents, adjusted for nonresponse and poststratified (3)	Mean (1) - Mean (3)	Mean (2) - Mean (3)
Augmented sample-state (public school only)					
California	13.90	13.90	13.13	0.77	0.77
Florida	3.48	3.48	5.56	-2.09*	-2.09*
Georgia	2.08	2.08	3.11	-1.03*	-1.03*
Michigan	3.17	3.17	3.18	-0.01	-0.01
North Carolina	3.25	3.25	2.84	0.42*	0.42*
Ohio	2.43	2.43	3.36	-0.93*	-0.93*
Pennsylvania	3.51	3.51	3.12	0.39*	0.39
Tennessee	1.81	1.81	1.55	0.27*	0.27*
Texas	9.04	9.04	8.43	0.62*	0.62
Washington State	2.05	2.05	1.74	0.31*	0.31
Public schools in other states and private schools	55.26	55.26	53.98	1.29*	1.29
Sex ³					
Male	48.02	48.02	47.64	0.38	0.38
Female	51.98	51.98	52.36	-0.38	-0.38
Race ⁴					
Asian	4.21	4.21	4.25	-0.04	-0.04
Black	12.54	12.54	13.19	-0.64*	-0.64
Hispanic	20.67	20.67	20.55	0.12	0.12
White	53.86	53.86	53.11	0.75	0.75
Other/Multiracial	8.72	8.72	8.90	-0.18	-0.18

† Not applicable.

Rounds to zero.

* Difference between means is significant at the 0.05 level.

¹ The base weight refers to the student base weight adjusted for unknown eligibility to PETS or SR collection.² The full sample refers to the subset of students who were eligible for PETS or SR as described in chapter 5.³ Composite sex variable used in nonresponse adjustment for which if X2SEX is known then the composite variable is equal to X2SEX. If X2SEX is unknown then the composite variable is equal to X1SEX.⁴ Composite race variable used in nonresponse adjustment for which if X2RACE is known then the composite variable is equal to X2RACE. If X2RACE is unknown then frame race data is used to compute the composite race variable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-9. Comparison of item respondents and nonrespondents for X5GPACRT (Transcript: GPA at first known certificate institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	94.5	96.5	94.3	2.00*
Private	5.5	3.5	5.7	-2.00*
Census region				
Northeast	19.9	11.2	20.7	-8.67*
Midwest	22.3	23.2	22.2	0.92
South	33.5	42.7	32.7	9.20*
West	24.3	22.9	24.4	-1.46
School urbanity				
City	32.2	22.1	33.1	-10.14*
Suburban	25.9	19.3	26.4	-6.60*
Town	11.3	16.9	10.8	5.66
Rural	30.7	41.7	29.7	11.07*
Race/ethnicity				
Hispanic	24.5	19.9	24.9	-4.66
Asian	3.6	1.2	3.8	-2.33*
Black	14.4	11.0	14.7	-3.44
Other	57.5	67.9	56.6	10.43*
Sex				
Male	51.7	40.7	52.6	-10.98*
Female	48.3	59.3	47.4	10.98*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection.

Item response rates are provided in table 14. The weighted percent of students who attended a certificate institution is 4.7 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data.

Table D-10. Comparison of item respondents and nonrespondents for X5GPALAST (Transcript: GPA at last known institution attended), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	90.0	93.4	-1.36*
Private	8.6	10.0	6.6	1.36*
Census region				
Northeast	20.0	19.8	20.3	-0.22
Midwest	21.1	20.4	22.1	-0.66
South	36.6	38.6	33.5	2.03*
West	22.4	21.2	24.1	-1.14
School urbanity				
City	29.2	27.5	31.9	-1.76
Suburban	29.1	30.8	26.6	1.65*
Town	12.0	12.6	11.1	0.61
Rural	29.7	29.2	30.4	-0.49
Race/ethnicity				
Hispanic	20.6	18.2	24.3	-2.43*
Asian	4.2	4.5	3.9	0.25
Black	12.5	11.2	14.3	-1.21*
Other	62.7	66.1	57.5	3.40*
Sex				
Male	48.0	46.9	49.7	-1.09*
Female	52.0	53.1	50.3	1.09*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-11. Comparison of item respondents and nonrespondents for X5HIGH10MAJ (Transcript: 10-category major of highest known degree obtained as of June 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	94.4	94.7	94.3	0.29
Private	5.6	5.3	5.7	-0.29
Census region				
Northeast	20.2	19.9	20.2	-0.26
Midwest	21.9	18.2	22.9	-3.77*
South	34.4	41.0	32.7	6.61*
West	23.5	20.9	24.2	-2.58
School urbanity				
City	30.1	20.5	32.5	-9.60*
Suburban	26.2	26.8	26.1	0.60
Town	12.6	17.1	11.4	4.55*
Rural	31.1	35.6	30.0	4.45
Race/ethnicity				
Hispanic	23.4	19.0	24.5	-4.42*
Asian	3.6	2.7	3.8	-0.87
Black	13.4	8.5	14.6	-4.92*
Other	59.7	69.9	57.1	10.21*
Sex				
Male	50.3	42.7	52.3	-7.68*
Female	49.7	57.3	47.7	7.68*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-12. Comparison of item respondents and nonrespondents for X5HIGH11MAJ (Transcript: 11-category major of highest known degree obtained as of June 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	94.4	94.7	94.3	0.29
Private	5.6	5.3	5.7	-0.29
Census region				
Northeast	20.2	19.9	20.2	-0.26
Midwest	21.9	18.2	22.9	-3.77*
South	34.4	41.0	32.7	6.61*
West	23.5	20.9	24.2	-2.58
School urbanity				
City	30.1	20.5	32.5	-9.60*
Suburban	26.2	26.8	26.1	0.60
Town	12.6	17.1	11.4	4.55*
Rural	31.1	35.6	30.0	4.45
Race/ethnicity				
Hispanic	23.4	19.0	24.5	-4.42*
Asian	3.6	2.7	3.8	-0.87
Black	13.4	8.5	14.6	-4.92*
Other	59.7	69.9	57.1	10.21*
Sex				
Male	50.3	42.7	52.3	-7.68*
Female	49.7	57.3	47.7	7.68*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-13. Comparison of item respondents and nonrespondents for X5HIGH23MAJ (Transcript: 23-category major of highest known degree obtained as of June 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	94.4	94.7	94.3	0.29
Private	5.6	5.3	5.7	-0.29
Census region				
Northeast	20.2	19.9	20.2	-0.26
Midwest	21.9	18.2	22.9	-3.77*
South	34.4	41.0	32.7	6.61*
West	23.5	20.9	24.2	-2.58
School urbanity				
City	30.1	20.5	32.5	-9.60*
Suburban	26.2	26.8	26.1	0.60
Town	12.6	17.1	11.4	4.55*
Rural	31.1	35.6	30.0	4.45
Race/ethnicity				
Hispanic	23.4	19.0	24.5	-4.42*
Asian	3.6	2.7	3.8	-0.87
Black	13.4	8.5	14.6	-4.92*
Other	59.7	69.9	57.1	10.21*
Sex				
Male	50.3	42.7	52.3	-7.68*
Female	49.7	57.3	47.7	7.68*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-14. Comparison of item respondents and nonrespondents for X5HIGHCIP (Transcript: 6 digit CIP code of highest known degree obtained as of June 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	94.4	94.7	94.3	0.29
Private	5.6	5.3	5.7	-0.29
Census region				
Northeast	20.2	19.9	20.2	-0.26
Midwest	21.9	18.2	22.9	-3.77*
South	34.4	41.0	32.7	6.61*
West	23.5	20.9	24.2	-2.58
School urbanity				
City	30.1	20.5	32.5	-9.60*
Suburban	26.2	26.8	26.1	0.60
Town	12.6	17.1	11.4	4.55*
Rural	31.1	35.6	30.0	4.45
Race/ethnicity				
Hispanic	23.4	19.0	24.5	-4.42*
Asian	3.6	2.7	3.8	-0.87
Black	13.4	8.5	14.6	-4.92*
Other	59.7	69.9	57.1	10.21*
Sex				
Male	50.3	42.7	52.3	-7.68*
Female	49.7	57.3	47.7	7.68*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the base weight.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-15. Comparison of item respondents and nonrespondents for X5REMENRAT (Transcript: Remedial English courses: ratio of number known taken to known passed), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	96.0	91.1	4.56*
Private	8.6	4.0	8.9	-4.56*
Census region				
Northeast	19.8	17.2	20.0	-2.66
Midwest	21.1	16.3	21.5	-4.75*
South	36.7	36.7	36.7	-0.03
West	22.4	29.8	21.7	7.43*
School urbanity				
City	29.2	30.7	29.1	1.48
Suburban	29.1	25.9	29.4	-3.22
Town	12.0	15.0	11.8	2.95
Rural	29.6	28.4	29.7	-1.22
Race/ethnicity				
Hispanic	20.6	28.3	20.0	7.69*
Asian	4.2	4.8	4.1	0.58
Black	12.6	22.1	11.8	9.57*
Other	62.6	44.8	64.1	-17.84*
Sex				
Male	48.1	45.6	48.3	-2.45
Female	51.9	54.4	51.7	2.45

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-16. Comparison of item respondents and nonrespondents for X5REMMTRAT (Transcript: Remedial mathematics courses: ratio of number known taken to known passed), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	93.4	90.9	1.98*
Private	8.6	6.6	9.1	-1.98*
Census region				
Northeast	19.8	16.6	20.7	-3.18*
Midwest	21.1	20.1	21.4	-1.00
South	36.7	38.5	36.2	1.78
West	22.4	24.8	21.7	2.40
School urbanity				
City	29.2	28.6	29.4	-0.63
Suburban	29.1	27.7	29.5	-1.41
Town	12.0	15.1	11.2	3.05*
Rural	29.6	28.6	29.9	-1.01
Race/ethnicity				
Hispanic	20.6	23.6	19.7	3.03*
Asian	4.2	3.1	4.5	-1.14*
Black	12.6	17.2	11.2	4.61*
Other	62.6	56.1	64.5	-6.50*
Sex				
Male	48.1	43.6	49.4	-4.48*
Female	51.9	56.4	50.6	4.48*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-17. Comparison of item respondents and nonrespondents for X5REMPSRAT (Transcript: Remedial courses: ratio of number known taken to known passed), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	93.5	90.6	2.09*
Private	8.6	6.5	9.4	-2.09*
Census region				
Northeast	19.8	16.8	21.0	-3.01*
Midwest	21.1	19.2	21.8	-1.91
South	36.7	38.4	36.1	1.63
West	22.4	25.6	21.1	3.29*
School urbanity				
City	29.2	27.8	29.8	-1.39
Suburban	29.1	27.8	29.7	-1.37
Town	12.0	14.7	11.0	2.65*
Rural	29.6	29.7	29.6	0.11
Race/ethnicity				
Hispanic	20.6	23.5	19.5	2.94*
Asian	4.2	3.7	4.4	-0.46
Black	12.6	16.6	10.9	4.09*
Other	62.6	56.1	65.2	-6.56*
Sex				
Male	48.1	44.8	49.4	-3.24*
Female	51.9	55.2	50.6	3.24*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-18. Comparison of item respondents and nonrespondents for X5STOPGT4M (Transcript: Count of known stopouts longer than 4 months), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	92.2	91.0	0.80*
Private	8.6	7.8	9.0	-0.80*
Census region				
Northeast	19.8	19.3	20.1	-0.49
Midwest	21.1	20.1	21.6	-0.97
South	36.7	38.0	36.0	1.26
West	22.4	22.6	22.2	0.21
School urbanity				
City	29.2	27.7	30.1	-1.56
Suburban	29.1	30.4	28.4	1.26
Town	12.0	13.7	11.1	1.68*
Rural	29.6	28.2	30.4	-1.38
Race/ethnicity				
Hispanic	20.6	21.1	20.4	0.44
Asian	4.2	3.3	4.7	-0.91*
Black	12.6	14.9	11.2	2.33*
Other	62.6	60.8	63.7	-1.86*
Sex				
Male	48.1	49.1	47.5	1.02
Female	51.9	50.9	52.5	-1.02

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student transcripts data collection. Item response rates are provided in table 14.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-19. Comparison of item respondents and nonrespondents for X5DEFER12 (NSLDS: Deferred federal loans 2011-12), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.7	100.0	92.7	7.27*
Private	7.3	0.0	7.3	-7.27*
Census region				
Northeast	19.2	0.0	19.2	-19.18*
Midwest	22.0	3.6	22.1	-18.43*
South	32.4	61.5	32.3	29.07
West	26.4	34.9	26.4	8.54
School urbanity				
City	31.2	44.7	31.2	13.50
Suburban	27.3	20.9	27.3	-6.37
Town	10.7	0.7	10.7	-10.04*
Rural	30.8	33.7	30.7	2.91
Race/ethnicity				
Hispanic	24.7	35.6	24.7	10.89
Asian	3.9	0.0	3.9	-3.93*
Black	12.9	33.4	12.8	20.51
Other	58.5	31.0	58.6	-27.47
Sex				
Male	53.3	2.9	53.4	-50.40*
Female	46.7	97.1	46.6	50.40*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-20. Comparison of item respondents and nonrespondents for X5DEFER13 (NSLDS: Deferred federal loans 2012-13), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.8	95.2	92.7	2.38
Private	7.2	4.8	7.3	-2.38
Census region				
Northeast	18.9	10.7	19.2	-8.17
Midwest	21.8	13.6	22.1	-8.20*
South	33.5	64.2	32.3	30.74*
West	25.8	11.5	26.4	-14.37*
School urbanity				
City	31.3	34.6	31.2	3.25
Suburban	27.2	24.3	27.3	-2.91
Town	10.7	10.9	10.7	0.16
Rural	30.7	30.2	30.7	-0.50
Race/ethnicity				
Hispanic	24.4	16.0	24.7	-8.35
Asian	3.8	1.0	3.9	-2.88*
Black	13.5	32.9	12.8	19.36*
Other	58.3	50.1	58.6	-8.13
Sex				
Male	52.8	34.9	53.4	-17.88*
Female	47.2	65.1	46.6	17.88*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-21. Comparison of item respondents and nonrespondents for X5EVRDEF12 (NSLDS: Ever defaulted on a loan 2011-12), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.7	100.0	92.7	7.27*
Private	7.3	0.0	7.3	-7.27*
Census region				
Northeast	19.2	0.0	19.2	-19.18*
Midwest	22.0	3.6	22.1	-18.43*
South	32.4	61.5	32.3	29.07
West	26.4	34.9	26.4	8.54
School urbanity				
City	31.2	44.7	31.2	13.50
Suburban	27.3	20.9	27.3	-6.37
Town	10.7	0.7	10.7	-10.04*
Rural	30.8	33.7	30.7	2.91
Race/ethnicity				
Hispanic	24.7	35.6	24.7	10.89
Asian	3.9	0.0	3.9	-3.93*
Black	12.9	33.4	12.8	20.51
Other	58.5	31.0	58.6	-27.47
Sex				
Male	53.3	2.9	53.4	-50.40*
Female	46.7	97.1	46.6	50.40*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-22. Comparison of item respondents and nonrespondents for X5EVRDEF13 (NSLDS: Ever defaulted on a loan 2012-13), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.8	95.2	92.7	2.38
Private	7.2	4.8	7.3	-2.38
Census region				
Northeast	18.9	10.7	19.2	-8.17
Midwest	21.8	13.6	22.1	-8.20*
South	33.5	64.2	32.3	30.74*
West	25.8	11.5	26.4	-14.37*
School urbanity				
City	31.3	34.6	31.2	3.25
Suburban	27.2	24.3	27.3	-2.91
Town	10.7	10.9	10.7	0.16
Rural	30.7	30.2	30.7	-0.50
Race/ethnicity				
Hispanic	24.4	16.0	24.7	-8.35
Asian	3.8	1.0	3.9	-2.88*
Black	13.5	32.9	12.8	19.36*
Other	58.3	50.1	58.6	-8.13
Sex				
Male	52.8	34.9	53.4	-17.88*
Female	47.2	65.1	46.6	17.88*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-23. Comparison of item respondents and nonrespondents for X5EVRFEDAPP (NSLDS: Applied for federal financial aid as of June 30, 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.5	-0.11
Private	8.6	8.7	8.5	0.11
Census region				
Northeast	19.9	20.2	19.4	0.36
Midwest	21.1	20.6	21.7	-0.49
South	36.7	39.2	33.4	2.54*
West	22.3	19.9	25.5	-2.41*
School urbanity				
City	29.2	27.5	31.5	-1.77
Suburban	29.2	31.1	26.8	1.84*
Town	12.0	12.3	11.5	0.36
Rural	29.6	29.2	30.1	-0.42
Race/ethnicity				
Hispanic	20.7	19.0	22.8	-1.66*
Asian	4.2	4.4	3.9	0.22
Black	12.5	13.1	11.8	0.54
Other	62.6	63.5	61.4	0.90
Sex				
Male	48.0	45.1	51.8	-2.92*
Female	52.0	54.9	48.2	2.92*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-24. Comparison of item respondents and nonrespondents for X5FEDAPP14 (NSLDS: Applied for federal aid 2013-14), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.5	-0.11
Private	8.6	8.7	8.5	0.11
Census region				
Northeast	19.9	20.2	19.4	0.36
Midwest	21.1	20.6	21.7	-0.49
South	36.7	39.2	33.4	2.54*
West	22.3	19.9	25.5	-2.41*
School urbanity				
City	29.2	27.5	31.5	-1.77
Suburban	29.2	31.1	26.8	1.84*
Town	12.0	12.3	11.5	0.36
Rural	29.6	29.2	30.1	-0.42
Race/ethnicity				
Hispanic	20.7	19.0	22.8	-1.66*
Asian	4.2	4.4	3.9	0.22
Black	12.5	13.1	11.8	0.54
Other	62.6	63.5	61.4	0.90
Sex				
Male	48.0	45.1	51.8	-2.92*
Female	52.0	54.9	48.2	2.92*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-25. Comparison of item respondents and nonrespondents for X5FEDAPP15 (NSLDS: Applied for federal aid 2014-15), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.5	-0.11
Private	8.6	8.7	8.5	0.11
Census region				
Northeast	19.9	20.2	19.4	0.36
Midwest	21.1	20.6	21.7	-0.49
South	36.7	39.2	33.4	2.54*
West	22.3	19.9	25.5	-2.41*
School urbanity				
City	29.2	27.5	31.5	-1.77
Suburban	29.2	31.1	26.8	1.84*
Town	12.0	12.3	11.5	0.36
Rural	29.6	29.2	30.1	-0.42
Race/ethnicity				
Hispanic	20.7	19.0	22.8	-1.66*
Asian	4.2	4.4	3.9	0.22
Black	12.5	13.1	11.8	0.54
Other	62.6	63.5	61.4	0.90
Sex				
Male	48.0	45.1	51.8	-2.92*
Female	52.0	54.9	48.2	2.92*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.09 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-26. Comparison of item respondents and nonrespondents for X5FEDAPP16 (NSLDS: Applied for federal aid 2015-16), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.5	-0.11
Private	8.6	8.7	8.5	0.11
Census region				
Northeast	19.9	20.2	19.4	0.36
Midwest	21.1	20.6	21.7	-0.49
South	36.7	39.2	33.4	2.54*
West	22.3	19.9	25.5	-2.41*
School urbanity				
City	29.2	27.5	31.5	-1.77
Suburban	29.2	31.1	26.8	1.84*
Town	12.0	12.3	11.5	0.36
Rural	29.6	29.2	30.1	-0.42
Race/ethnicity				
Hispanic	20.7	19.0	22.8	-1.66*
Asian	4.2	4.4	3.9	0.22
Black	12.5	13.1	11.8	0.54
Other	62.6	63.5	61.4	0.90
Sex				
Male	48.0	45.1	51.8	-2.92*
Female	52.0	54.9	48.2	2.92*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-27. Comparison of item respondents and nonrespondents for X5FORBEAR12 (NSLDS: Federal loan entered forbearance 2011-12), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.7	100.0	92.7	7.27*
Private	7.3	0.0	7.3	-7.27*
Census region				
Northeast	19.2	0.0	19.2	-19.18*
Midwest	22.0	3.6	22.1	-18.43*
South	32.4	61.5	32.3	29.07
West	26.4	34.9	26.4	8.54
School urbanity				
City	31.2	44.7	31.2	13.50
Suburban	27.3	20.9	27.3	-6.37
Town	10.7	0.7	10.7	-10.04*
Rural	30.8	33.7	30.7	2.91
Race/ethnicity				
Hispanic	24.7	35.6	24.7	10.89
Asian	3.9	0.0	3.9	-3.93*
Black	12.9	33.4	12.8	20.51
Other	58.5	31.0	58.6	-27.47
Sex				
Male	53.3	2.9	53.4	-50.40*
Female	46.7	97.1	46.6	50.40*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-28. Comparison of item respondents and nonrespondents for X5FORBEAR13 (NSLDS: Federal loan entered forbearance 2012-13), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	92.8	95.2	92.7	2.38
Private	7.2	4.8	7.3	-2.38
Census region				
Northeast	18.9	10.7	19.2	-8.17
Midwest	21.8	13.6	22.1	-8.20*
South	33.5	64.2	32.3	30.74*
West	25.8	11.5	26.4	-14.37*
School urbanity				
City	31.3	34.6	31.2	3.25
Suburban	27.2	24.3	27.3	-2.91
Town	10.7	10.9	10.7	0.16
Rural	30.7	30.2	30.7	-0.50
Race/ethnicity				
Hispanic	24.4	16.0	24.7	-8.35
Asian	3.8	1.0	3.9	-2.88*
Black	13.5	32.9	12.8	19.36*
Other	58.3	50.1	58.6	-8.13
Sex				
Male	52.8	34.9	53.4	-17.88*
Female	47.2	65.1	46.6	17.88*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-29. Comparison of item respondents and nonrespondents for X5PFYANYAIDREC (Student Records: Received any financial aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.4	-0.09
Private	8.6	8.7	8.6	0.09
Census region				
Northeast	19.9	17.8	20.8	-2.10
Midwest	21.1	22.1	20.7	0.97
South	36.7	42.0	34.3	5.29*
West	22.3	18.2	24.2	-4.16*
School urbanity				
City	29.2	27.5	30.0	-1.75
Suburban	29.2	28.7	29.5	-0.52
Town	12.0	13.8	11.1	1.87
Rural	29.6	30.0	29.4	0.39
Race/ethnicity				
Hispanic	20.7	17.4	22.1	-3.29*
Asian	4.2	4.1	4.3	-0.11
Black	12.5	13.8	12.0	1.28
Other	62.6	64.7	61.6	2.11*
Sex				
Male	48.0	44.8	49.5	-3.23*
Female	52.0	55.2	50.5	3.23*

* $p < 0.05$

¹ Estimates were weighted using the student base weight.

² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-30. Comparison of item respondents and nonrespondents for X5PFYCAMPAMT (Student Records: Federal campus-based aid (Perkins, SEOG, FWS) at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	#
Private	8.6	8.6	8.6	#
Census region				
Northeast	19.9	18.0	20.8	-1.84
Midwest	21.1	22.8	20.3	1.75
South	36.7	41.0	34.6	4.36*
West	22.3	18.1	24.3	-4.26*
School urbanity				
City	29.2	27.8	29.9	-1.46
Suburban	29.2	28.6	29.5	-0.66
Town	12.0	13.8	11.1	1.80
Rural	29.6	29.9	29.4	0.32
Race/ethnicity				
Hispanic	20.7	17.3	22.2	-3.33*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.7	12.0	1.20
Other	62.6	64.8	61.5	2.20*
Sex				
Male	48.0	44.6	49.6	-3.38*
Female	52.0	55.4	50.4	3.38*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-31. Comparison of item respondents and nonrespondents for X5PFYFEDNEED (Student Records: Federal need-based aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	#
Private	8.6	8.6	8.6	#
Census region				
Northeast	19.9	18.0	20.8	-1.84
Midwest	21.1	22.8	20.3	1.75
South	36.7	41.0	34.6	4.36*
West	22.3	18.1	24.3	-4.26*
School urbanity				
City	29.2	27.8	29.9	-1.46
Suburban	29.2	28.6	29.5	-0.66
Town	12.0	13.8	11.1	1.80
Rural	29.6	29.9	29.4	0.32
Race/ethnicity				
Hispanic	20.7	17.3	22.2	-3.33*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.7	12.0	1.20
Other	62.6	64.8	61.5	2.20*
Sex				
Male	48.0	44.6	49.6	-3.38*
Female	52.0	55.4	50.4	3.38*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-32. Comparison of item respondents and nonrespondents for X5PFYFEDPACK (Student Records: Federal Title IV aid package by type of aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	#
Private	8.6	8.6	8.6	#
Census region				
Northeast	19.9	18.0	20.8	-1.84
Midwest	21.1	22.8	20.3	1.75
South	36.7	41.0	34.6	4.36*
West	22.3	18.1	24.3	-4.26*
School urbanity				
City	29.2	27.8	29.9	-1.46
Suburban	29.2	28.6	29.5	-0.66
Town	12.0	13.8	11.1	1.80
Rural	29.6	29.9	29.4	0.32
Race/ethnicity				
Hispanic	20.7	17.3	22.2	-3.33*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.7	12.0	1.20
Other	62.6	64.8	61.5	2.20*
Sex				
Male	48.0	44.6	49.6	-3.38*
Female	52.0	55.4	50.4	3.38*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-33. Comparison of item respondents and nonrespondents for X5PFYNEEDAID (Student Records: Total need-based grants at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.5	91.4	0.11
Private	8.6	8.5	8.6	-0.11
Census region				
Northeast	19.9	19.1	20.3	-0.83
Midwest	21.1	22.6	20.4	1.50
South	36.7	40.4	34.9	3.75*
West	22.3	17.9	24.5	-4.42*
School urbanity				
City	29.2	28.8	29.5	-0.47
Suburban	29.2	28.3	29.7	-0.93
Town	12.0	13.5	11.2	1.53
Rural	29.6	29.5	29.7	-0.13
Race/ethnicity				
Hispanic	20.7	17.2	22.4	-3.50*
Asian	4.2	4.0	4.3	-0.18
Black	12.5	14.2	11.7	1.69*
Other	62.6	64.6	61.6	2.00
Sex				
Male	48.0	44.4	49.8	-3.62*
Female	52.0	55.6	50.2	3.62*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-34. Comparison of item respondents and nonrespondents for X5PFYNETPRICEALL (Student Records: Tuition and fees minus Title IV, state, and institution aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.4	-0.09
Private	8.6	8.7	8.6	0.09
Census region				
Northeast	19.9	17.8	20.8	-2.10
Midwest	21.1	22.1	20.7	0.97
South	36.7	42.0	34.3	5.29*
West	22.3	18.2	24.2	-4.16*
School urbanity				
City	29.2	27.5	30.0	-1.75
Suburban	29.2	28.7	29.5	-0.52
Town	12.0	13.8	11.1	1.87
Rural	29.6	30.0	29.4	0.39
Race/ethnicity				
Hispanic	20.7	17.4	22.1	-3.29*
Asian	4.2	4.1	4.3	-0.11
Black	12.5	13.8	12.0	1.28
Other	62.6	64.7	61.6	2.11*
Sex				
Male	48.0	44.8	49.5	-3.23*
Female	52.0	55.2	50.5	3.23*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-35. Comparison of item respondents and nonrespondents for X5PFYNETPRICEGRT (Student Records: Tuition and fees minus Title IV, state, and institution grants at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	0.02
Private	8.6	8.6	8.6	-0.02
Census region				
Northeast	19.9	19.1	20.2	-0.73
Midwest	21.1	22.0	20.7	0.93
South	36.7	41.0	34.6	4.35*
West	22.3	17.8	24.5	-4.54*
School urbanity				
City	29.2	28.6	29.5	-0.63
Suburban	29.2	28.4	29.6	-0.79
Town	12.0	13.5	11.2	1.59
Rural	29.6	29.4	29.7	-0.17
Race/ethnicity				
Hispanic	20.7	17.1	22.3	-3.52*
Asian	4.2	4.0	4.3	-0.21
Black	12.5	14.4	11.7	1.84*
Other	62.6	64.5	61.7	1.89
Sex				
Male	48.0	44.4	49.7	-3.64*
Female	52.0	55.6	50.3	3.64*

* $p < 0.05$

¹ Estimates were weighted using the student base weight.

² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLS:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-36. Comparison of item respondents and nonrespondents for X5PFYPELLPACK (Student Records: Aid package with Pell Grants at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.4	-0.09
Private	8.6	8.7	8.6	0.09
Census region				
Northeast	19.9	17.8	20.8	-2.10
Midwest	21.1	22.1	20.7	0.97
South	36.7	42.0	34.3	5.29*
West	22.3	18.2	24.2	-4.16*
School urbanity				
City	29.2	27.5	30.0	-1.75
Suburban	29.2	28.7	29.5	-0.52
Town	12.0	13.8	11.1	1.87
Rural	29.6	30.0	29.4	0.39
Race/ethnicity				
Hispanic	20.7	17.4	22.1	-3.29*
Asian	4.2	4.1	4.3	-0.11
Black	12.5	13.8	12.0	1.28
Other	62.6	64.7	61.6	2.11*
Sex				
Male	48.0	44.8	49.5	-3.23*
Female	52.0	55.2	50.5	3.23*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-37. Comparison of item respondents and nonrespondents for X5PFYSEOGAMT (Student Records: Federal Supplemental Education Opportunity Grants at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.5	91.4	0.06
Private	8.6	8.5	8.6	-0.06
Census region				
Northeast	19.9	19.1	20.3	-0.75
Midwest	21.1	22.5	20.4	1.36
South	36.7	40.1	34.8	3.44*
West	22.3	18.3	24.5	-4.05*
School urbanity				
City	29.2	28.6	29.5	-0.59
Suburban	29.2	29.1	29.3	-0.15
Town	12.0	13.2	11.3	1.27
Rural	29.6	29.1	29.9	-0.53
Race/ethnicity				
Hispanic	20.7	17.5	22.4	-3.14*
Asian	4.2	4.1	4.3	-0.12
Black	12.5	13.9	11.8	1.38
Other	62.6	64.5	61.6	1.89*
Sex				
Male	48.0	44.4	50.0	-3.65*
Female	52.0	55.6	50.0	3.65*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-38. Comparison of item respondents and nonrespondents for X5PFYT4GRTAMT (Student Records: Total federal Title IV grants at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.5	91.4	0.06
Private	8.6	8.5	8.6	-0.06
Census region				
Northeast	19.9	19.1	20.3	-0.75
Midwest	21.1	22.5	20.4	1.36
South	36.7	40.1	34.8	3.44*
West	22.3	18.3	24.5	-4.05*
School urbanity				
City	29.2	28.6	29.5	-0.59
Suburban	29.2	29.1	29.3	-0.15
Town	12.0	13.2	11.3	1.27
Rural	29.6	29.1	29.9	-0.53
Race/ethnicity				
Hispanic	20.7	17.5	22.4	-3.14*
Asian	4.2	4.1	4.3	-0.12
Black	12.5	13.9	11.8	1.38
Other	62.6	64.5	61.6	1.89*
Sex				
Male	48.0	44.4	50.0	-3.65*
Female	52.0	55.6	50.0	3.65*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-39. Comparison of item respondents and nonrespondents for X5PFYTFEDWRK (Student Records: Federal work-study at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	0.01
Private	8.6	8.6	8.6	-0.01
Census region				
Northeast	19.9	18.0	20.8	-1.90
Midwest	21.1	23.0	20.2	1.86*
South	36.7	40.8	34.7	4.15*
West	22.3	18.2	24.3	-4.11*
School urbanity				
City	29.2	27.9	29.9	-1.36
Suburban	29.2	28.5	29.5	-0.69
Town	12.0	13.7	11.1	1.79
Rural	29.6	29.9	29.5	0.26
Race/ethnicity				
Hispanic	20.7	17.3	22.3	-3.35*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.8	12.0	1.24
Other	62.6	64.8	61.5	2.19*
Sex				
Male	48.0	44.6	49.6	-3.39*
Female	52.0	55.4	50.4	3.39*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-40. Comparison of item respondents and nonrespondents for X5PFYTTIVAIIDREC (Student Records: Received any federal Title IV aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	#
Private	8.6	8.6	8.6	#
Census region				
Northeast	19.9	18.0	20.8	-1.84
Midwest	21.1	22.8	20.3	1.75
South	36.7	41.0	34.6	4.36*
West	22.3	18.1	24.3	-4.26*
School urbanity				
City	29.2	27.8	29.9	-1.46
Suburban	29.2	28.6	29.5	-0.66
Town	12.0	13.8	11.1	1.80
Rural	29.6	29.9	29.4	0.32
Race/ethnicity				
Hispanic	20.7	17.3	22.2	-3.33*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.7	12.0	1.20
Other	62.6	64.8	61.5	2.20*
Sex				
Male	48.0	44.6	49.6	-3.38*
Female	52.0	55.4	50.4	3.38*

* $p < 0.05$

¹ Estimates were weighted using the student base weight.

² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-41. Comparison of item respondents and nonrespondents for X5PFYTTIVAMT (Student Records: Total federal Title IV aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.4	91.4	#
Private	8.6	8.6	8.6	#
Census region				
Northeast	19.9	18.0	20.8	-1.84
Midwest	21.1	22.8	20.3	1.75
South	36.7	41.0	34.6	4.36*
West	22.3	18.1	24.3	-4.26*
School urbanity				
City	29.2	27.8	29.9	-1.46
Suburban	29.2	28.6	29.5	-0.66
Town	12.0	13.8	11.1	1.80
Rural	29.6	29.9	29.4	0.32
Race/ethnicity				
Hispanic	20.7	17.3	22.2	-3.33*
Asian	4.2	4.1	4.2	-0.07
Black	12.5	13.7	12.0	1.20
Other	62.6	64.8	61.5	2.20*
Sex				
Male	48.0	44.6	49.6	-3.38*
Female	52.0	55.4	50.4	3.38*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-42. Comparison of item respondents and nonrespondents for X5PFYTOTAID2 (Student Records: Total federal (Title IV), state, and institutional aid at primary first year institution), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	91.3	91.4	-0.09
Private	8.6	8.7	8.6	0.09
Census region				
Northeast	19.9	17.8	20.8	-2.10
Midwest	21.1	22.1	20.7	0.97
South	36.7	42.0	34.3	5.29*
West	22.3	18.2	24.2	-4.16*
School urbanity				
City	29.2	27.5	30.0	-1.75
Suburban	29.2	28.7	29.5	-0.52
Town	12.0	13.8	11.1	1.87
Rural	29.6	30.0	29.4	0.39
Race/ethnicity				
Hispanic	20.7	17.4	22.1	-3.29*
Asian	4.2	4.1	4.3	-0.11
Black	12.5	13.8	12.0	1.28
Other	62.6	64.7	61.6	2.11*
Sex				
Male	48.0	44.8	49.5	-3.23*
Female	52.0	55.2	50.5	3.23*

* $p < 0.05$ ¹ Estimates were weighted using the student base weight.² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Table D-43. Comparison of item respondents and nonrespondents for X5PRIVLOANCUM (Student Records: Cumulative private (alternative) loans through June 30, 2016), by selected sample school characteristics

Characteristic	Percent estimated ¹			Estimated bias ²
	Total	Respondent	Nonrespondent	
School type				
Public	91.4	89.4	92.7	-2.02*
Private	8.6	10.6	7.3	2.02*
Census region				
Northeast	19.9	19.4	20.2	-0.50
Midwest	21.1	22.5	20.3	1.35
South	36.7	36.9	36.5	0.24
West	22.3	21.2	23.0	-1.09
School urbanity				
City	29.2	30.1	28.7	0.82
Suburban	29.2	27.6	30.2	-1.65
Town	12.0	12.8	11.4	0.83
Rural	29.6	29.6	29.6	#
Race/ethnicity				
Hispanic	20.7	17.7	22.5	-2.93*
Asian	4.2	4.5	4.1	0.24
Black	12.5	10.7	13.7	-1.89*
Other	62.6	67.2	59.7	4.58*
Sex				
Male	48.0	45.6	49.5	-2.39*
Female	52.0	54.4	50.5	2.39*

* $p < 0.05$

¹ Estimates were weighted using the student base weight.

² Bias in the sample mean is estimated as the difference between the mean of respondent cases and the mean of all sample cases, using the student base weight.

NOTE: The base weight is defined as the student design weight adjusted for unknown eligibility for the student records data collection. Item response rates are provided in table 13.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Restricted-use Data File.

Appendix E: Detailed Weighting Specifications with Equations

The creation of weights for the analyses of the Postsecondary Education Transcript Study and Student Financial Aid Records Collection (PETS-SR) of the High School Longitudinal Study of 2009 (HSLs:09) study, discussed in section 5.3, is further detailed below. The unknown eligibility, nonresponse, and calibration adjustments used to develop each weight are defined in this appendix.

To simplify the exposition of the discussion of weight adjustments, the following should be noted:

1. The set of sample members fielded for PETS-SR collection is defined in section 2.5.
2. The set of sample members fielded for the second follow-up is defined in section 2.4.
3. Deceased sample members were excluded from derivation of all unknown eligibility and nonresponse adjustments but were included in the derivation of every calibration adjustment.
4. The PETS and SR weights are defined at the student-level and generalize to subsets of the HSLs:09 base-year student population as described in section 5.2.
5. The definition for PETS eligibility differs from the definition for SR eligibility as defined in section 5.2 and subsection 5.3.1.2.
6. Within this appendix, any reference to a student having attended a postsecondary institution indicates that the student attended an IPEDS-participating postsecondary institution as of June 20, 2017.
7. Within the section for each weight, the numbers next to the w indicate the stage of weight adjustment. For example, w_{4hij} in the section E.1 is the weight resulting from the fourth weight adjustment used to construct W5PSTRANS.

The unknown eligibility, nonresponse, and calibration weight adjustments are defined in equation form for both the postsecondary transcript weights: W5PSTRANS and W5W1W2W3W4PSTRANS, and both the student records weights: W5PSRECORDS and W5W1W2W3W4PSRECORDS.

E.1 Postsecondary Transcript Student Weight (W5PSTRANS)

Base Weight

The student base weight developed for the HSLs:09 base year also served as the PETS and SR base weight. Specifically, the HSLs:09 student base weight was calculated as

$$w_{1bij} = w_{bi} d_{j|bi}, \quad (\text{E-1})$$

where w_{bi} is the base-year school weight¹ and $d_{j|bi}$ is the conditional student-level base weight (inverse probability of selection in stratum j within sample school bi). Please see the base-year data file documentation (Ingels et al. 2011) for more information on the construction of the HSLs:09 student base weight.

Adjustments for Unknown PETS Eligibility for W5PSTRANS

There were two separate paths for unknown eligibility adjustments applied to the student base weight in the construction of W5PSTRANS. The first path has two unknown eligibility adjustments to account for all cases who were not fielded for the second follow-up and therefore have unknown PETS eligibility and cases fielded for PETS-SR data collection with unknown PETS eligibility. As discussed in subsection 5.3.1.2, all cases not fielded in the second follow-up were not fielded for PETS-SR. The second path has a single unknown eligibility adjustment to account for the remaining cases not fielded for PETS-SR with unknown PETS eligibility. As described in section 5.2 and subsection 5.3.1.2, PETS and SR have different eligibility criteria, so the unknown eligibility adjustments were completed separately for the PETS and SR weights.

Not fielded for the second follow-up. On path one, the first adjustment to the student weight for unknown PETS eligibility was defined as

$$w_{2bij} = \begin{cases} w_{1bij} a_{1bij}, & \text{for students fielded for PETS-SR with known PETS eligibility} \\ w_{1bij} \cdot 1, & \text{for students fielded for PETS-SR with unknown PETS eligibility} \\ 0, & \text{for students not fielded in the second follow-up with unknown PETS eligibility} \end{cases} \quad (\text{E-2})$$

¹ In the base-year data file documentation, the base-year school weight is referenced as w_{3bi} .

where a_{1hij} is the first unknown eligibility adjustment in path one that accounts for unknown PETS eligibility due to not being fielded in the second follow-up, and w_{1hij} is the base weight as described in equation (E-1). As displayed in figure 6 in subsection 5.3.1.2, the students fielded for PETS-SR with unknown PETS eligibility were not included in the unknown eligibility adjustment for students not fielded in the second follow-up, thus they effectively received an adjustment factor of 1 at this step, as indicated in equation (E-2). The minimum, median, and maximum values for a_{1hij} are 1.01, 1.09, and 3.31, respectively.

Fielded for PETS-SR with unknown PETS eligibility. On path one, a second model was constructed to inflate w_{2hij} to account for remaining students fielded for PETS-SR with unknown PETS eligibility:

$$w_{3hij}^a = \begin{cases} w_{2hij} a_{2hij}, & \text{for students fielded for PETS-SR with known PETS eligibility} \\ 0, & \text{for students fielded for PETS-SR with unknown} \\ & \text{PETS eligibility} \end{cases} \quad (\text{E-3})$$

where a_{2hij} is the second unknown eligibility adjustment in path one, and w_{2hij} is the base weight adjusted for unknown PETS eligibility amongst students not fielded for the second follow-up with unknown eligibility, described in equation (E-2). The minimum, median, and maximum values for a_{2hij} are 1.00, 1.01, and 2.12, respectively.

Not fielded for PETS-SR with unknown PETS eligibility. On the second path, a model was constructed to inflate w_{1hij} to account for the remaining students not fielded for PETS-SR with unknown PETS eligibility:

$$w_{3hij}^b = \begin{cases} w_{1hij} a_{3hij}, & \text{for students not fielded for PETS-SR with known PETS eligibility} \\ 0, & \text{for students not fielded for PETS-SR with unknown} \\ & \text{PETS eligibility} \end{cases} \quad (\text{E-4})$$

where a_{3hij} is the unknown eligibility adjustment in path two, and w_{1hij} is the base weight described in equation (E-1). The minimum, median, and maximum values for a_{3hij} are 1.03, 1.61, and 4.24, respectively.

The two paths for unknown PETS eligibility were subsequently combined and the base weight adjusted for unknown PETS eligibility was defined as

$$w_{3hij} = \begin{cases} w_{3hij}^a, & \text{for students fielded for PETS-SR with known PETS eligibility} \\ w_{3hij}^b, & \text{for students not fielded for PETS-SR with known} \\ & \text{PETS eligibility} \\ 0, & \text{for students with unknown PETS eligibility} \end{cases} \quad (\text{E-5})$$

where w_{3hij}^a is the base weight adjusted for unknown PETS eligibility amongst students fielded for PETS-SR as described in equation (E-3) and w_{3hij}^b is the base weight adjusted for unknown PETS eligibility amongst students not fielded for PETS-SR as described in equation (E-4).

Adjustment for Nonresponse for W5PSTRANS

As defined in section 5.1, a student is a PETS respondent if at least one transcript was received from an institution attended by the student and the transcript contained a course, term, or degree program. In the construction of W5PSTRANS, there was a single nonresponse adjustment applied to the student base weight adjusted for unknown PETS eligibility. This adjustment accounts for students ever enrolled in a postsecondary institution for whom a transcript containing a course, term, or degree programs was not received, i.e. PETS eligible nonrespondents.

Transcript nonrespondents. The student weight adjusted for postsecondary transcript nonresponse was defined as

$$w_{4hij} = \begin{cases} w_{3hij} a_{4hij}, & \text{for PETS eligible students who are PETS respondents} \\ 0, & \text{for PETS eligible students who are PETS nonrespondents} \end{cases} \quad (\text{E-6})$$

where a_{4hij} is the nonresponse weight adjustment that accounts for nonresponse to the HSLs:09 PETS collection, and w_{3hij} is the base weight adjusted for unknown PETS eligibility as described in equation (E-5). Students never enrolled in a postsecondary institution were not eligible for PETS and are excluded from the nonresponse adjustment. The minimum, median, and maximum values for a_{4hij} are 1.02, 1.25, 1 and 6.67, respectively.

Weight Calibration for W5PSTRANS

A final weight adjustment was applied to the weight in equation (E-6) to estimate the portion of the HSLs:09 base-year student population totals who were non-deceased and ever enrolled in a postsecondary institution. The PETS student weight (W5PSTRANS) was constructed as

$$w_{5hij} = \begin{cases} w_{4hij} a_{5hij}, & \text{for PETS eligible students who are PETS respondents} \\ w_{1hij} a_{5hij}, & \text{for deceased students} \\ w_{3hij} a_{5hij}, & \text{for students with known PETS eligibility who are PETS ineligible} \\ 0, & \text{for PETS eligible students who are PETS nonrespondents} \end{cases} \quad (\text{E-7})$$

where a_{5hij} is the calibration adjustment determined, w_{4hij} is the weight adjusted for transcript nonresponse in PETS as described in equation (E-6), w_{1hij} is the base weight as described in equation (E-1), and w_{3hij} is the base weight adjusted for unknown PETS eligibility as described in equation (E-5). The deceased students were included in the calibration with the base weight as the input weight, and subsequently their weights were set to zero. Additionally, the students with known PETS eligibility who were never enrolled in a postsecondary institution were included in the calibration with the base weight adjusted for unknown PETS eligibility as the input weight, and subsequently their weights were also set to zero. The weights input into the model for the responding students, w_{4hij} , and students never enrolled in a postsecondary institution, w_{3hij} , were trimmed prior to the calibration adjustment to account for weights with an extremely high value.² The trimming threshold determined for W5PSTRANS was 5,000. The minimum, median, and maximum values for a_{5hij} are 0.62, 1.19, and 3.91, respectively.

E.2 Postsecondary Transcript and Base-Year to First Follow-up to 2013 Update to Second Follow-up Student Weight (W5W1W2W3W4PSTRANS)

Adjustments for Nonresponse for W5W1W2W3W4PSTRANS

There were three unknown eligibility and four nonresponse adjustments used to produce W5W1W2W3W4PSTRANS. The unknown eligibility adjustments and first nonresponse adjustment are the same as those used to construct W5PSTRANS. The remaining three nonresponse adjustments account for student nonresponse to the base year, first follow-up, 2013 Update, and second follow-up and are described below.

² Prior to the calibration adjustment, the distribution of the weights was inspected and extreme outliers were examined to determine which weights would be considered for trimming. Different trimming thresholds were evaluated for their impact on the variance of the weights to determine what final threshold would be most suitable.

Base-year or first follow-up nonresponse. The first of the three additional nonresponse adjustments was constructed to account for PETS respondents who were nonrespondents to either the base-year or first follow-up surveys. This was defined as

$$w_{5hij} = \begin{cases} w_{4hij} a_{5hij}, & \text{for students who responded in the base year, first follow-up, and PETS,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up and PETS,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{to PETS,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded to PETS} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, or PETS} \end{cases} \quad (\text{E-8})$$

where a_{5hij} is the nonresponse adjustment, and w_{4hij} is the PETS student weight adjusted for unknown PETS eligibility and PETS nonresponse, described in section E.1 and equation (E-6). The minimum, median, and maximum values for a_{5hij} are 1.00, 1.12, and 1.92, respectively.

2013 Update nonresponse. The second of the three additional nonresponse adjustments for W5W1W2W3W4PSTRANS was defined as

$$w_{6hij} = \begin{cases} w_{5hij} a_{6hij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, and PETS,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, and PETS,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update and PETS,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded in the 2013 Update and PETS} \\ 0, & \text{for students who did not respond in either the base year,} \\ & \text{first follow-up, 2013 Update, or PETS} \end{cases} \quad (\text{E-9})$$

where a_{6hij} is the nonresponse adjustment, and w_{5hij} is the PETS student weight adjusted for unknown PETS eligibility, PETS nonresponse, and nonresponse in the

base year and first follow-up described in equation (E-8). The minimum, median, and maximum values for a_{6hij} are 1.00, 1.07, and 3.92, respectively.

Second follow-up nonresponse. The final nonresponse adjustment was constructed as

$$w_{7hij} = \begin{cases} w_{6hij} a_{7hij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, second follow-up, and PETS,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, second follow-up, and} \\ & \text{PETS,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update, second follow-up, and PETS,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded in the 2013 Update, second} \\ & \text{follow-up, and PETS} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, 2013 Update, second follow-up, or PETS} \end{cases} \quad (\text{E-10})$$

where a_{7hij} is the nonresponse adjustment, and w_{6hij} is the PETS student weight adjusted for unknown PETS eligibility, PETS nonresponse, and nonresponse in the base year, first follow-up, and 2013 Update described in equation (E-9). The minimum, median, and maximum values for a_{7hij} are 1.00, 1.13, and 2.85, respectively.

Weight Calibration for W5W1W2W3W4PSTRANS

A calibration adjustment factor was applied to the nonresponse-adjusted weight given in equation (E-10) to produce W5W1W2W3W4PSTRANS. The PETS and base-year to first follow-up to 2013 Update to second follow-up student weight (W5W1W2W3W4PSTRANS) was constructed as

$$w_{8hij} = \begin{cases} w_{7hij} a_{8hij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, second follow-up, and PETS,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, second follow-up, and} \\ & \text{PETS,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update, second follow-up, and PETS,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{the first follow-up, and responded in the 2013 Update, second} \\ & \text{follow-up, and PETS} \\ w_{1hij} a_{8hij}, & \text{for deceased students} \\ w_{3hij} a_{8hij}, & \text{for students with known PETS eligibility who were PETS ineligible} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, 2013 Update, second follow-up, or PETS} \end{cases} \quad (\text{E-11})$$

where a_{8hij} is the calibration factor, w_{7hij} is the student base weight adjusted for unknown PETS eligibility, PETS nonresponse, nonresponse in the base year, nonresponse in the first follow-up, nonresponse in the 2013 Update, and nonresponse in the second follow-up as described in equation (E-10), w_{1hij} is the base weight as described in equation (E-1) from section E.1, and w_{3hij} is the base weight adjusted for unknown PETS eligibility as described in equation (E-5) from section E.1. The deceased students were included in the calibration, with the base weight as the input weight, and subsequently their weights were changed to zero. The students with known eligibility who never enrolled in a postsecondary institution were included in the calibration as well, with the base weight adjusted for unknown PETS eligibility as the input weight, and after calibration their weights were also set to zero. The weights input into the model for the responding students, w_{7hij} , and students never enrolled in a postsecondary institution, w_{3hij} , were trimmed prior to the calibration adjustment to account for weights with an extremely high value.³ The trimming threshold determined for W5W1W2W3W4PSTRANS was 5,050. The minimum, median, and maximum values for a_{8hij} are 0.67, 1.19, and 3.98, respectively.

³ Prior to the calibration adjustment, the distribution of the weights was inspected and extreme outliers were examined to determine which weights would be considered for trimming. Different trimming thresholds were evaluated for their impact on the variance of the weights to determine what final threshold would be most suitable.

E.3 Postsecondary Student Records Student Weight (W5PSRECORDS)

Adjustments for Unknown SR Eligibility for W5PSRECORDS

There were two paths for unknown eligibility adjustments applied to the student base weight in the construction of W5PSRECORDS; the first path has two unknown eligibility adjustments to account for cases fielded in the PETS-SR collection and all cases who were not fielded for the second follow-up and therefore have unknown SR eligibility. As discussed in subsection 5.3.1.2, all cases not fielded in the second follow-up were not fielded for PETS-SR. The second path has a single unknown eligibility adjustment to account for the remaining cases not fielded for the PETS-SR collection with unknown SR eligibility. As described in section 5.2 and subsection 5.3.1.2, PETS and SR have different eligibility criteria, so the unknown eligibility adjustments were completed separately for the PETS and SR weights.

Not fielded in the second follow-up. On path one, the first adjustment to the student weight for unknown SR eligibility was defined as

$$w_{2hij} = \begin{cases} w_{1hij} a_{1hij}, & \text{for students fielded for PETS-SR with known SR eligibility} \\ w_{1hij} \cdot 1, & \text{for students fielded for PETS-SR with unknown SR eligibility} \\ 0, & \text{for students not fielded in the second follow-up} \\ & \text{with unknown SR eligibility} \end{cases} \quad (\text{E-12})$$

where a_{1hij} is the first unknown eligibility adjustment in path one that accounts for unknown SR eligibility due to not being fielded in the second follow-up, and w_{1hij} is the base weight as described in equation (E-1) from section E.1. As displayed in figure 6 in subsection 5.3.1.2, the students fielded for PETS-SR with unknown SR eligibility were not included in the unknown eligibility adjustment for students not fielded in the second follow-up, thus they effectively received an adjustment factor of 1 at this step, as indicated in equation (E-12). The minimum, median, and maximum values for a_{1hij} are 1.01, 1.09, and 3.66, respectively.

Fielded for PETS-SR with unknown SR eligibility. On path one, a second model was constructed to inflate w_{2hij} to account for remaining students fielded for PETS-SR with unknown SR eligibility:

$$w_{3hij}^a = \begin{cases} w_{2hij} a_{2hij}, & \text{for students fielded for PETS-SR with known SR eligibility} \\ 0, & \text{for students fielded for PETS-SR with unknown} \\ & \text{SR eligibility} \end{cases} \quad (\text{E-13})$$

where a_{2hij} is the second unknown eligibility adjustment in path one, and w_{2hij} is the base weight adjusted for unknown SR eligibility amongst students not fielded for the second follow-up with unknown eligibility, described in equation (E-12). The minimum, median, and maximum values for a_{2hij} are 1.00, 1.01, and 3.90, respectively.

Not fielded for PETS-SR with unknown SR eligibility. On the second path, a model was constructed to inflate w_{1hij} to account for the remaining students not fielded for PETS-SR with unknown SR eligibility:

$$w_{3hij}^b = \begin{cases} w_{1hij} a_{3hij}, & \text{for students not fielded for PETS-SR with known SR eligibility} \\ 0, & \text{for students not fielded for PETS-SR with unknown} \\ & \text{SR eligibility} \end{cases} \quad (\text{E-14})$$

where a_{3hij} is the unknown eligibility adjustment in path two, and w_{1hij} is the base weight described in equation (E-1) from section E.1. The minimum, median, and maximum values for a_{3hij} are 1.03, 1.61, and 4.24, respectively.

The two paths for unknown SR eligibility were subsequently combined, and the base weight adjusted for unknown SR eligibility was defined as:

$$w_{3hij} = \begin{cases} w_{3hij}^a, & \text{for students fielded for PETS-SR with known SR eligibility} \\ w_{3hij}^b, & \text{for students not fielded for PETS-SR with known} \\ & \text{SR eligibility} \\ 0, & \text{for students with unknown SR eligibility} \end{cases} \quad (\text{E-15})$$

where w_{3hij}^a is the base weight adjusted for unknown SR eligibility amongst students fielded for PETS-SR as described in equation (E-13) and w_{3hij}^b is the base weight adjusted for unknown SR eligibility amongst students not fielded for PETS-SR as described in equation (E-14).

Adjustment for Nonresponse for W5PSRECORDS

As discussed in section 5.1, to be an SR respondent, information on state aid and institution aid awards must have been provided by the institution that was identified as the student's first primary institution. In the construction of W5PSRECORDS, there was a single nonresponse adjustment applied to the student base weight adjusted for unknown SR eligibility. This adjustment accounts for students who enrolled in a postsecondary institution after completion of high school or high school equivalency for whom student records with information on state and institution aid awards from the students' primary institutions were not collected, i.e. SR eligible nonrespondents.

Student records nonrespondents. The student weight adjusted for postsecondary student records nonresponse was defined as

$$w_{4hij} = \begin{cases} w_{3hij} a_{4hij}, & \text{for SR eligible students who are SR respondents} \\ 0, & \text{for SR eligible students who are SR nonrespondents} \end{cases} \quad (\text{E-16})$$

where a_{4hij} is the nonresponse weight adjustment that accounts for nonresponse to the HSLs:09 SR collection, and w_{3hij} is the base weight adjusted for unknown SR eligibility as described in equation (E-15). Students who were never enrolled in a postsecondary institution after the completion of high school or high school equivalency were not eligible for the SR collection and were excluded from the nonresponse adjustment. The minimum, median, and maximum values for a_{4hij} are 1.10, 1.84, and 10.48, respectively.

Weight Calibration for W5PSRECORDS

A final weight adjustment was applied to the weight in equation (E-16) to estimate the portion of the HSLs:09 base-year student population totals who were non-deceased and enrolled in a postsecondary institution after the completion of high school or high school equivalency. The SR student weight (W5PSRECORDS) was constructed as

$$w_{5hij} = \begin{cases} w_{4hij} a_{5hij}, & \text{for SR eligible students who are SR respondents} \\ w_{1hij} a_{5hij}, & \text{for deceased students} \\ w_{3hij} a_{5hij}, & \text{for students with known SR eligibility who are SR ineligible} \\ 0, & \text{for SR eligible students who are SR nonrespondents} \end{cases} \quad (\text{E-17})$$

where a_{5hij} is the calibration adjustment determined, w_{4hij} is the weight adjusted for nonresponse in the SR collection as described in equation (E-16), w_{1hij} is the base weight as described in section E.1 in equation (E-1), and w_{3hij} is the base weight adjusted for unknown SR eligibility as described in equation (E-15). The deceased students were included in the calibration, with the base weight as the input weight, and subsequently their weights were set to zero. The students never enrolled in a postsecondary institution after completion of high school or high school equivalency were also included in the calibration, with the base weight adjusted for unknown SR eligibility as the input weight, and subsequently their weights were also set to zero. The weights input into the model for the responding students, w_{4hij} , and students never enrolled in a postsecondary institution after completion of high school or high school equivalency, w_{3hij} , were trimmed prior to the calibration adjustment to account for weights with an extremely high value.⁴ The trimming threshold determined for W5PSRECORDS was 5,000. The minimum, median, and maximum values for a_{5hij} are 0.63, 1.19, and 3.96, respectively.

E.4 Postsecondary Student Records and Base-Year to First Follow-up to 2013 Update to Second Follow-up Student Weight (W5W1W2W3W4PSRECORDS)

Adjustments for Nonresponse for W5W1W2W3W4PSRECORDS

There were three unknown eligibility and four nonresponse adjustments used in the construction of W5W1W2W3W4PSRECORDS. The unknown eligibility adjustments and first nonresponse adjustment are the same as those used to produce W5PSRECORDS. The remaining three nonresponse adjustments account for student nonresponse to the base year, first follow-up, 2013 Update, and second follow-up and are described below.

Base-year or first follow-up nonresponse. The first of the three additional nonresponse adjustments was constructed to account for SR respondents who were nonrespondents to either the base-year or first follow-up surveys. This was defined as

⁴ Prior to the calibration adjustment, the distribution of the weights was inspected, and extreme outliers were examined to determine which weights would be considered for trimming. Different trimming thresholds were evaluated for their impact on the variance of the weights to determine what final threshold would be most suitable.

$$w_{5hij} = \begin{cases} w_{4hij} a_{5hij}, & \text{for students who responded in the base year, first follow-up, and SR,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up and SR,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{to SR,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded to SR} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, or SR} \end{cases} \quad (\text{E-18})$$

where a_{5hij} is the nonresponse adjustment, and w_{4hij} is the SR student weight adjusted for unknown SR eligibility and SR collection nonresponse, described in section E.3 and equation (E-16). The minimum, median, and maximum values for a_{5hij} are 1.00, 1.11, and 3.11, respectively.

2013 Update nonresponse. The second of the three additional nonresponse adjustments was constructed as

$$w_{6hij} = \begin{cases} w_{5hij} a_{6hij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, and SR,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, and SR,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update and SR,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded in the 2013 Update and SR,} \\ 0, & \text{for students who did not respond in either the base year,} \\ & \text{first follow-up, 2013 Update, or SR} \end{cases} \quad (\text{E-19})$$

where a_{6hij} is the nonresponse adjustment, and w_{5hij} is the SR student weight adjusted for unknown SR eligibility, SR nonresponse, and nonresponse in the base year and first follow-up as described in equation (E-18). The minimum, median, and maximum values for a_{6hij} are 1.00, 1.05, and 1.99, respectively.

Second follow-up nonresponse. The final of the three additional nonresponse adjustments was constructed as

$$w_{7hij} = \begin{cases} w_{6hij} a_{7hij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, second follow-up, and SR,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, second follow-up, and} \\ & \text{SR,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update, second follow-up, and SR,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded in the 2013 Update, second} \\ & \text{follow-up, and SR} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, 2013 Update, second follow-up, or SR} \end{cases} \quad (\text{E-20})$$

where a_{7hij} is the nonresponse adjustment, and w_{6hij} is the SR student weight adjusted for unknown SR eligibility, SR nonresponse, and nonresponse in the base year, first follow-up, and 2013 Update described in equation (E-19). The minimum, median, and maximum values for a_{7hij} are 1.00, 1.11, and 3.92, respectively.

Weight Calibration for W5W1W2W3W4PSRECORDS

A calibration adjustment factor was applied to the nonresponse-adjusted weight given in equation (E-20) to produce W5W1W2W3W4PSRECORDS. The SR and base-year to first follow-up to 2013 Update to second follow-up student weight (W5W1W2W3W4PSRECORDS) was constructed as

$$w_{8bij} = \begin{cases} w_{7bij} a_{8bij}, & \text{for students who responded in the base year, first follow-up,} \\ & \text{2013 Update, second follow-up, and SR,} \\ & \text{or for questionnaire incapable base-year students who responded} \\ & \text{in the first follow-up, 2013 Update, second follow-up, and} \\ & \text{SR,} \\ & \text{or for students who responded in the base year, were} \\ & \text{questionnaire incapable in the first follow-up, and responded} \\ & \text{in the 2013 Update, second follow-up, and SR,} \\ & \text{or for students who were questionnaire incapable in the base year and} \\ & \text{first follow-up, and responded in the 2013 Update, second} \\ & \text{follow-up, and SR} \\ w_{1bij} a_{8bij}, & \text{for deceased students} \\ w_{3bij} a_{8bij}, & \text{for students with known SR eligibility who are SR ineligible} \\ 0, & \text{for students who did not respond in either the base year, first} \\ & \text{follow-up, 2013 Update, second follow-up, or SR} \end{cases} \quad (\text{E-21})$$

where a_{8bij} is the calibration factor, w_{7bij} is the student base weight adjusted for unknown SR eligibility, SR nonresponse, nonresponse in the base year, nonresponse in the first follow-up, nonresponse in the 2013 Update, and nonresponse in the second follow-up as described in equation (E-20), w_{1bij} is the base weight as described in equation (E-1) from section E.1, and w_{3bij} is the base weight adjusted for unknown SR eligibility as described in equation (E-15) from section E.3. The deceased students were included in the calibration, with the base weight as the input weight, and subsequently their weights were changed to zero. The students never enrolled in a postsecondary institution after completion of high school or high school equivalency were included in the calibration as well, with the base weight adjusted for unknown SR eligibility as the input weight, and after calibration their weights were also set to zero. The weights input into the model for the responding students, w_{7bij} , and students never enrolled in a postsecondary institution after completion of high school or high school equivalency, w_{3bij} , were trimmed prior to the calibration adjustment to account for weights with an extremely high value.⁵ The trimming threshold determined for W5W1W2W3W4PSRECORDS was 7,300. The minimum, median, and maximum values for a_{8bij} are 0.60, 1.19, and 5.01, respectively.

⁵ Prior to the calibration adjustment, the distribution of the weights was inspected and extreme outliers were examined to determine which weights would be considered for trimming. Different trimming thresholds were evaluated for their impact on the variance of the weights to determine what final threshold would be most suitable.

Appendix F: Standard Errors and Design Effects

This appendix contains a set of tables with standard errors and design effects tables for items from postsecondary transcript data and another set of tables for student records data. Tables F-1 through F-20 are based on postsecondary transcript data, and tables F-21 through F-40 are based on postsecondary student records data that include National Student Loan Data System (NSLDS) data. The standard errors and design effects are displayed overall, by base-year sampled high school characteristics, and by student demographics obtained during the base year and updated in the first follow-up.

Table F-1. Postsecondary transcript standard errors and design effects—Overall

Item ¹	Variable	<i>n</i>	Estimate	Design-based SE ²	Simple random sample SE ³	<i>deff</i>	<i>deft</i>	
GPA at all known institutions attended	X5GPAALL	12,588	2.5	0.02	0.01	4.97	2.23	
GPA at first known institution attended	X5GPA1STSC	11,570	2.5	0.02	0.01	5.23	2.29	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	11,179	2.3	0.02	0.01	5.40	2.32	
Months between HS exit and postsecondary entry	X5HS2PS1	12,869	4.6	0.12	0.06	3.90	1.97	
Ever dual enrolled	X5DUALFLG in (1,2)	13,148	22.2	1.24	0.36	11.75	3.43	
Postsecondary credits earned	X5POSTERN	12,485	59.6	0.88	0.35	6.50	2.55	
Dual-enrollment credits earned	X5HSCRDERN	2,726	13.2	1.20	0.28	18.65	4.32	
First-year enrollment credits earned	X5YR1ERN	11,340	20.2	0.28	0.10	7.41	2.72	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	10,734	20.0	0.41	0.19	4.78	2.19	
Summer terms credits earned	X5SUMERN	4,686	7.3	0.16	0.08	4.55	2.13	
Career and technical education credits earned	X5CTEERN	4,037	14.7	0.44	0.24	3.54	1.88	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	12,899	0.8	0.01	0.00	4.73	2.17	
Total known institutions attended	X5SCHTOTAL	13,160	1.8	0.02	0.01	4.38	2.09	
No degree attained as of June 2016	X5HIGHDEG=0	12,987	87.7	0.60	0.29	4.39	2.10	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	12,987	8.3	0.48	0.24	3.99	2.00	
Total remedial courses taken	X5REMTOT	4,690	2.5	0.06	0.03	5.21	2.28	
Summary statistics								
Mean						6.21	2.42	
Minimum						3.54	1.88	
Median						4.88	2.21	
Maximum						18.65	4.32	
Standard deviation						3.85	0.63	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-2. Postsecondary transcript standard errors and design effects—Public schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
GPA at all known institutions attended	X5GPAALL	9,512	2.5	0.02	0.01	4.16	2.04	
GPA at first known institution attended	X5GPA1STSC	8,718	2.5	0.02	0.01	4.42	2.10	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	8,341	2.3	0.03	0.01	4.69	2.17	
Months between HS exit and postsecondary entry	X5HS2PS1	9,780	4.7	0.13	0.07	3.27	1.81	
Ever dual enrolled	X5DUALFLG in (1,2)	10,002	22.8	1.35	0.42	10.40	3.23	
Postsecondary credits earned	X5POSTERN	9,403	58.1	0.96	0.40	5.72	2.39	
Dual-enrollment credits earned	X5HSCRDERN	2,199	13.3	1.28	0.31	16.62	4.08	
First-year enrollment credits earned	X5YR1ERN	8,481	19.7	0.30	0.12	6.51	2.55	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	7,943	19.7	0.45	0.22	4.30	2.07	
Summer terms credits earned	X5SUMERN	3,334	7.3	0.18	0.09	4.05	2.01	
Career and technical education credits earned	X5CTEERN	3,431	14.7	0.46	0.25	3.32	1.82	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	9,786	0.8	0.01	0.00	4.14	2.04	
Total known institutions attended	X5SCHTOTAL	10,010	1.8	0.02	0.01	3.83	1.96	
No degree attained as of June 2016	X5HIGHDEG=0	9,875	87.3	0.67	0.34	4.05	2.01	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	9,875	8.5	0.54	0.28	3.66	1.91	
Total remedial courses taken	X5REMTOT	3,785	2.5	0.07	0.03	4.68	2.16	
Summary statistics								
Mean						5.49	2.27	
Minimum						3.27	1.81	
Median						4.23	2.06	
Maximum						16.62	4.08	
Standard deviation						3.43	0.59	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-3. Postsecondary transcript standard errors and design effects—Private schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
GPA at all known institutions attended	X5GPAALL	3,076	2.9	0.04	0.01	6.80	2.61	
GPA at first known institution attended	X5GPA1STSC	2,852	2.9	0.04	0.02	5.95	2.44	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	2,838	2.7	0.04	0.02	5.53	2.35	
Months between HS exit and postsecondary entry	X5HS2PS1	3,089	3.4	0.18	0.08	5.47	2.34	
Ever dual enrolled	X5DUALFLG in (1,2)	3,146	16.4	2.53	0.66	14.69	3.83	
Postsecondary credits earned	X5POSTERN	3,082	75.0	1.87	0.62	9.11	3.02	
Dual-enrollment credits earned	X5HSCRDERN	527	11.4	1.71	0.49	12.08	3.48	
First-year enrollment credits earned	X5YR1ERN	2,859	24.7	0.49	0.18	7.61	2.76	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	2,791	22.3	0.64	0.39	2.72	1.65	
Summer terms credits earned	X5SUMERN	1,352	7.4	0.26	0.14	3.36	1.83	
Career and technical education credits earned	X5CTEERN	606	14.5	1.45	0.65	4.95	2.22	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	3,113	0.9	0.01	0.00	5.56	2.36	
Total known institutions attended	X5SCHTOTAL	3,150	1.8	0.03	0.02	4.14	2.03	
No degree attained as of June 2016	X5HIGHDEG=0	3,112	92.3	1.38	0.48	8.35	2.89	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	3,112	5.9	1.13	0.42	7.16	2.68	
Total remedial courses taken	X5REMTOT	905	2.0	0.09	0.04	4.09	2.02	
Summary statistics								
Mean						6.72	2.53	
Minimum						2.72	1.65	
Median						5.75	2.40	
Maximum						14.69	3.83	
Standard deviation						3.17	0.58	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-4. Postsecondary transcript standard errors and design effects—Northeast schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
GPA at all known institutions attended	X5GPAALL	2,137	2.7	0.04	0.02	3.63	1.90	
GPA at first known institution attended	X5GPA1STSC	1,965	2.6	0.04	0.02	3.78	1.94	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,916	2.5	0.06	0.03	5.39	2.32	
Months between HS exit and postsecondary entry	X5HS2PS1	2,161	4.2	0.38	0.14	7.74	2.78	
Ever dual enrolled	X5DUALFLG in (1,2)	2,211	20.7	2.57	0.86	8.91	2.98	
Postsecondary credits earned	X5POSTERN	2,117	64.2	2.07	0.81	6.43	2.53	
Dual-enrollment credits earned	X5HSCRDERN	375	10.5	1.07	0.41	6.84	2.62	
First-year enrollment credits earned	X5YR1ERN	1,943	22.2	0.61	0.25	6.07	2.46	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	1,857	20.0	0.97	0.47	4.17	2.04	
Summer terms credits earned	X5SUMERN	683	6.6	0.28	0.17	2.56	1.60	
Career and technical education credits earned	X5CTEERN	625	17.0	1.00	0.57	3.14	1.77	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	2,165	0.8	0.01	0.01	4.82	2.20	
Total known institutions attended	X5SCHTOTAL	2,213	1.8	0.04	0.02	3.99	2.00	
No degree attained as of June 2016	X5HIGHDEG=0	2,178	88.3	1.14	0.69	2.72	1.65	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	2,178	9.3	1.22	0.62	3.85	1.96	
Total remedial courses taken	X5REMTOT	717	2.1	0.16	0.06	7.15	2.67	
Summary statistics								
Mean						5.07	2.22	
Minimum						2.56	1.60	
Median						4.50	2.12	
Maximum						8.91	2.98	
Standard deviation						1.92	0.42	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-5. Postsecondary transcript standard errors and design effects—Midwest schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	3,347	2.6	0.04	0.02	6.56	2.56	
GPA at first known institution attended	X5GPA1STSC	3,049	2.6	0.05	0.02	6.56	2.56	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	2,982	2.4	0.04	0.02	5.23	2.29	
Months between HS exit and postsecondary entry	X5HS2PS1	3,431	4.4	0.22	0.12	3.63	1.91	
Ever dual enrolled	X5DUALFLG in (1,2)	3,483	25.5	2.68	0.74	13.17	3.63	
Postsecondary credits earned	X5POSTERN	3,312	62.7	1.60	0.67	5.78	2.40	
Dual-enrollment credits earned	X5HSCRDERN	736	10.9	1.05	0.36	8.66	2.94	
First-year enrollment credits earned	X5YR1ERN	2,989	21.2	0.63	0.20	10.17	3.19	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	2,870	20.2	0.62	0.37	2.86	1.69	
Summer terms credits earned	X5SUMERN	1,190	6.9	0.17	0.13	1.62	1.27	
Career and technical education credits earned	X5CTEERN	948	17.2	0.90	0.59	2.28	1.51	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	3,431	0.8	0.01	0.01	5.45	2.33	
Total known institutions attended	X5SCHTOTAL	3,487	1.9	0.03	0.02	4.39	2.09	
No degree attained as of June 2016	X5HIGHDEG=0	3,440	88.8	1.09	0.54	4.12	2.03	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	3,440	7.0	1.01	0.44	5.34	2.31	
Total remedial courses taken	X5REMTOT	1,234	2.2	0.11	0.05	4.52	2.13	
Summary statistics								
Mean						5.65	2.30	
Minimum						1.62	1.27	
Median						5.29	2.30	
Maximum						13.17	3.63	
Standard deviation						2.97	0.60	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-6. Postsecondary transcript standard errors and design effects—South schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
GPA at all known institutions attended	X5GPAALL	5,044	2.5	0.03	0.01	4.08	2.02	
GPA at first known institution attended	X5GPA1STSC	4,673	2.4	0.03	0.02	4.79	2.19	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	4,503	2.2	0.04	0.02	4.92	2.22	
Months between HS exit and postsecondary entry	X5HS2PS1	5,177	4.7	0.19	0.11	3.43	1.85	
Ever dual enrolled	X5DUALFLG in (1,2)	5,279	22.5	1.50	0.57	6.86	2.62	
Postsecondary credits earned	X5POSTERN	4,996	57.5	1.53	0.56	7.48	2.74	
Dual-enrollment credits earned	X5HSCRDERN	1,129	16.3	2.82	0.56	24.97	5.00	
First-year enrollment credits earned	X5YR1ERN	4,571	19.1	0.30	0.15	3.82	1.96	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	4,302	19.8	0.63	0.29	4.61	2.15	
Summer terms credits earned	X5SUMERN	2,175	8.4	0.28	0.12	4.93	2.22	
Career and technical education credits earned	X5CTEERN	1,683	13.7	0.60	0.35	2.86	1.69	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	5,176	0.8	0.01	0.00	3.40	1.84	
Total known institutions attended	X5SCHTOTAL	5,283	1.8	0.03	0.01	5.12	2.26	
No degree attained as of June 2016	X5HIGHDEG=0	5,222	86.7	0.82	0.47	3.02	1.74	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	5,222	9.0	0.71	0.40	3.21	1.79	
Total remedial courses taken	X5REMTOT	1,812	2.6	0.08	0.05	2.97	1.72	
Summary statistics								
Mean						5.65	2.25	
Minimum						2.86	1.69	
Median						4.35	2.08	
Maximum						24.97	5.00	
Standard deviation						5.32	0.79	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-7. Postsecondary transcript standard errors and design effects—West schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	2,060	2.5	0.06	0.02	6.82	2.61	
GPA at first known institution attended	X5GPA1STSC	1,883	2.5	0.06	0.02	6.41	2.53	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,778	2.3	0.07	0.03	6.94	2.63	
Months between HS exit and postsecondary entry	X5HS2PS1	2,100	4.8	0.28	0.16	3.34	1.83	
Ever dual enrolled	X5DUALFLG in (1,2)	2,175	20.0	3.33	0.86	15.14	3.89	
Postsecondary credits earned	X5POSTERN	2,060	56.4	2.16	0.85	6.53	2.56	
Dual-enrollment credits earned	X5HSCRDERN	486	12.6	1.48	0.60	6.14	2.48	
First-year enrollment credits earned	X5YR1ERN	1,837	19.4	0.74	0.25	8.53	2.92	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	1,705	19.9	1.10	0.48	5.38	2.32	
Summer terms credits earned	X5SUMERN	638	6.2	0.36	0.17	4.73	2.17	
Career and technical education credits earned	X5CTEERN	781	12.7	1.15	0.46	6.23	2.50	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	2,127	0.8	0.02	0.01	6.12	2.47	
Total known institutions attended	X5SCHTOTAL	2,177	1.8	0.03	0.02	2.55	1.60	
No degree attained as of June 2016	X5HIGHDEG=0	2,147	87.7	1.86	0.71	6.88	2.62	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	2,147	7.5	1.26	0.57	4.88	2.21	
Total remedial courses taken	X5REMTOT	927	2.6	0.14	0.06	4.82	2.19	
Summary statistics								
Mean						6.34	2.47	
Minimum						2.55	1.60	
Median						6.18	2.49	
Maximum						15.14	3.89	
Standard deviation						2.76	0.50	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-8. Postsecondary transcript standard errors and design effects—City schools

Item ¹	Variable	<i>n</i>	'Estimate	Design-based SE ²	Simple random sample SE ³	<i>deff</i>	<i>deff</i>	
GPA at all known institutions attended	X5GPAALL	3,815	2.5	0.04	0.02	6.73	2.59	
GPA at first known institution attended	X5GPA1STSC	3,492	2.5	0.05	0.02	7.00	2.65	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	3,406	2.3	0.05	0.02	6.41	2.53	
Months between HS exit and postsecondary entry	X5HS2PS1	3,899	4.6	0.29	0.11	7.35	2.71	
Ever dual enrolled	X5DUALFLG in (1,2)	3,981	19.5	1.81	0.63	8.30	2.88	
Postsecondary credits earned	X5POSTERN	3,804	57.9	2.10	0.65	10.61	3.26	
Dual-enrollment credits earned	X5HSCRDERN	722	15.8	4.14	0.72	33.20	5.76	
First-year enrollment credits earned	X5YR1ERN	3,443	19.7	0.52	0.19	7.45	2.73	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	3,299	20.1	0.90	0.35	6.55	2.56	
Summer terms credits earned	X5SUMERN	1,543	7.4	0.40	0.14	8.74	2.96	
Career and technical education credits earned	X5CTEERN	1,040	13.6	0.90	0.42	4.62	2.15	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	3,915	0.8	0.01	0.01	7.66	2.77	
Total known institutions attended	X5SCHTOTAL	3,982	1.9	0.04	0.02	5.36	2.32	
No degree attained as of June 2016	X5HIGHDEG=0	3,917	90.0	1.30	0.48	7.30	2.70	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	3,917	6.3	0.90	0.39	5.46	2.34	
Total remedial courses taken	X5REMTOT	1,320	2.6	0.13	0.06	5.66	2.38	
Summary statistics								
Mean						8.65	2.83	
Minimum						4.62	2.15	
Median						7.15	2.67	
Maximum						33.20	5.76	
Standard deviation						6.71	0.83	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-9. Postsecondary transcript standard errors and design effects—Suburban schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
GPA at all known institutions attended	X5GPAALL	4,681	2.6	0.03	0.01	4.90	2.21
GPA at first known institution attended	X5GPA1STSC	4,307	2.5	0.03	0.02	4.88	2.21
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	4,192	2.3	0.04	0.02	5.42	2.33
Months between HS exit and postsecondary entry	X5HS2PS1	4,774	4.5	0.18	0.10	3.08	1.76
Ever dual enrolled	X5DUALFLG in (1,2)	4,873	18.9	1.54	0.56	7.55	2.75
Postsecondary credits earned	X5POSTERN	4,644	62.1	1.16	0.55	4.36	2.09
Dual-enrollment credits earned	X5HSCRDERN	898	11.0	0.56	0.37	2.31	1.52
First-year enrollment credits earned	X5YR1ERN	4,243	21.2	0.34	0.16	4.63	2.15
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	4,026	20.5	0.63	0.32	3.77	1.94
Summer terms credits earned	X5SUMERN	1,719	7.2	0.14	0.11	1.57	1.25
Career and technical education credits earned	X5CTEERN	1,419	14.1	0.54	0.37	2.16	1.47
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	4,786	0.8	0.01	0.00	4.02	2.01
Total known institutions attended	X5SCHTOTAL	4,883	1.8	0.02	0.01	3.06	1.75
No degree attained as of June 2016	X5HIGHDEG=0	4,841	89.1	0.89	0.45	3.95	1.99
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	4,841	7.4	0.65	0.38	2.98	1.73
Total remedial courses taken	X5REMTOT	1,687	2.4	0.07	0.04	2.61	1.62
Summary statistics							
Mean						3.83	1.92
Minimum						1.57	1.25
Median						3.86	1.96
Maximum						7.55	2.75
Standard deviation						1.49	0.38

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-10. Postsecondary transcript standard errors and design effects—Town schools

Item ¹	Variable	<i>n</i>	'Estimate	Design-based SE ²	Simple random sample SE ³	<i>deff</i>	<i>deft</i>	
GPA at all known institutions attended	X5GPAALL	1,399	2.5	0.06	0.03	5.58	2.36	
GPA at first known institution attended	X5GPA1STSC	1,294	2.5	0.07	0.03	5.74	2.40	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,238	2.3	0.07	0.03	4.22	2.05	
Months between HS exit and postsecondary entry	X5HS2PS1	1,434	4.8	0.45	0.22	4.31	2.08	
Ever dual enrolled	X5DUALFLG in (1,2)	1,474	31.7	4.09	1.21	11.39	3.37	
Postsecondary credits earned	X5POSTERN	1,377	58.8	2.05	1.04	3.89	1.97	
Dual-enrollment credits earned	X5HSCRDERN	427	13.3	1.62	0.56	8.22	2.87	
First-year enrollment credits earned	X5YR1ERN	1,267	18.8	0.98	0.31	9.78	3.13	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	1,178	19.2	0.84	0.51	2.72	1.65	
Summer terms credits earned	X5SUMERN	499	7.1	0.48	0.23	4.27	2.07	
Career and technical education credits earned	X5CTEERN	555	16.6	1.17	0.73	2.55	1.60	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	1,429	0.8	0.02	0.01	3.67	1.92	
Total known institutions attended	X5SCHTOTAL	1,474	1.8	0.05	0.02	4.70	2.17	
No degree attained as of June 2016	X5HIGHDEG=0	1,447	81.2	2.07	1.03	4.06	2.02	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	1,447	14.1	2.11	0.91	5.31	2.30	
Total remedial courses taken	X5REMTOT	610	2.5	0.17	0.08	5.16	2.27	
Summary statistics								
Mean						5.35	2.26	
Minimum						2.55	1.60	
Median						4.50	2.12	
Maximum						11.39	3.37	
Standard deviation						2.45	0.49	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-11. Postsecondary transcript standard errors and design effects—Rural schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	2,693	2.6	0.03	0.02	3.29	1.81	
GPA at first known institution attended	X5GPA1STSC	2,477	2.6	0.04	0.02	3.11	1.76	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	2,343	2.4	0.05	0.02	4.01	2.00	
Months between HS exit and postsecondary entry	X5HS2PS1	2,762	4.6	0.24	0.14	3.14	1.77	
Ever dual enrolled	X5DUALFLG in (1,2)	2,820	26.6	3.33	0.83	16.06	4.01	
Postsecondary credits earned	X5POSTERN	2,660	58.8	1.68	0.74	5.10	2.26	
Dual-enrollment credits earned	X5HSCRDERN	679	12.8	1.20	0.52	5.37	2.32	
First-year enrollment credits earned	X5YR1ERN	2,387	20.1	0.59	0.22	7.08	2.66	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	2,231	19.2	0.79	0.39	4.07	2.02	
Summer terms credits earned	X5SUMERN	925	7.5	0.34	0.18	3.63	1.91	
Career and technical education credits earned	X5CTEERN	1,023	15.8	0.95	0.51	3.43	1.85	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	2,769	0.8	0.01	0.01	3.11	1.76	
Total known institutions attended	X5SCHTOTAL	2,821	1.8	0.03	0.02	3.60	1.90	
No degree attained as of June 2016	X5HIGHDEG=0	2,782	85.5	1.23	0.67	3.41	1.85	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	2,782	9.8	1.02	0.56	3.30	1.82	
Total remedial courses taken	X5REMTOT	1,073	2.3	0.11	0.05	4.18	2.05	
Summary statistics								
Mean						4.74	2.11	
Minimum						3.11	1.76	
Median						3.61	1.90	
Maximum						16.06	4.01	
Standard deviation						3.20	0.56	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-12. Postsecondary transcript standard errors and design effects—Male students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	5,813	2.4	0.03	0.01	5.04	2.25	
GPA at first known institution attended	X5GPA1STSC	5,381	2.4	0.03	0.01	5.33	2.31	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	5,151	2.2	0.03	0.02	4.69	2.16	
Months between HS exit and postsecondary entry	X5HS2PS1	5,927	4.6	0.16	0.09	3.18	1.78	
Ever dual enrolled	X5DUALFLG in (1,2)	6,054	19.6	1.18	0.51	5.38	2.32	
Postsecondary credits earned	X5POSTERN	5,710	56.6	1.23	0.50	5.95	2.44	
Dual-enrollment credits earned	X5HSCRDERN	1,131	13.1	1.39	0.44	10.08	3.18	
First-year enrollment credits earned	X5YR1ERN	5,214	19.8	0.36	0.15	5.79	2.41	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	4,888	21.2	0.56	0.31	3.32	1.82	
Summer terms credits earned	X5SUMERN	1,987	7.2	0.22	0.11	3.73	1.93	
Career and technical education credits earned	X5CTEERN	1,863	15.8	0.68	0.38	3.22	1.79	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	5,947	0.8	0.01	0.00	4.11	2.03	
Total known institutions attended	X5SCHTOTAL	6,058	1.7	0.02	0.01	4.05	2.01	
No degree attained as of June 2016	X5HIGHDEG=0	5,980	88.6	0.87	0.41	4.45	2.11	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	5,980	7.9	0.64	0.35	3.38	1.84	
Total remedial courses taken	X5REMTOT	2,116	2.4	0.10	0.04	6.51	2.55	
Summary statistics								
Mean						4.89	2.18	
Minimum						3.18	1.78	
Median						4.57	2.14	
Maximum						10.08	3.18	
Standard deviation						1.74	0.36	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-13. Postsecondary transcript standard errors and design effects—Female students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
GPA at all known institutions attended	X5GPAALL	6,775	2.7	0.02	0.01	4.67	2.16
GPA at first known institution attended	X5GPA1STSC	6,189	2.7	0.03	0.01	4.67	2.16
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	6,028	2.4	0.03	0.01	4.57	2.14
Months between HS exit and postsecondary entry	X5HS2PS1	6,942	4.6	0.18	0.09	4.44	2.11
Ever dual enrolled	X5DUALFLG in (1,2)	7,094	24.7	1.51	0.51	8.66	2.94
Postsecondary credits earned	X5POSTERN	6,775	62.4	1.05	0.47	4.93	2.22
Dual-enrollment credits earned	X5HSCRDERN	1,595	13.2	1.16	0.36	10.43	3.23
First-year enrollment credits earned	X5YR1ERN	6,126	20.5	0.31	0.14	5.05	2.25
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	5,846	18.8	0.51	0.23	4.69	2.16
Summer terms credits earned	X5SUMERN	2,699	7.5	0.19	0.10	3.68	1.92
Career and technical education credits earned	X5CTEERN	2,174	13.7	0.56	0.29	3.69	1.92
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	6,952	0.8	0.01	0.00	4.34	2.08
Total known institutions attended	X5SCHTOTAL	7,102	1.9	0.02	0.01	3.60	1.90
No degree attained as of June 2016	X5HIGHDEG=0	7,007	86.9	0.77	0.40	3.66	1.91
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	7,007	8.7	0.58	0.34	2.99	1.73
Total remedial courses taken	X5REMTOT	2,574	2.5	0.07	0.04	4.04	2.01
Summary statistics							
Mean						4.88	2.18
Minimum						2.99	1.73
Median						4.51	2.12
Maximum						10.43	3.23
Standard deviation						1.93	0.39

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-14. Postsecondary transcript standard errors and design effects—Hispanic students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff
GPA at all known institutions attended	X5GPAALL	1,755	2.3	0.05	0.02	4.41	2.10
GPA at first known institution attended	X5GPA1STSC	1,610	2.3	0.05	0.03	4.44	2.11
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,507	2.1	0.07	0.03	5.14	2.27
Months between HS exit and postsecondary entry	X5HS2PS1	1,821	4.8	0.31	0.17	3.28	1.81
Ever dual enrolled	X5DUALFLG in (1,2)	1,871	17.8	1.88	0.88	4.49	2.12
Postsecondary credits earned	X5POSTERN	1,749	49.3	1.79	0.86	4.32	2.08
Dual-enrollment credits earned	X5HSCRDERN	317	14.6	2.54	0.96	6.94	2.63
First-year enrollment credits earned	X5YR1ERN	1,560	18.0	0.64	0.28	5.34	2.31
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	1,432	16.3	0.69	0.43	2.63	1.62
Summer terms credits earned	X5SUMERN	638	7.0	0.42	0.19	4.82	2.19
Career and technical education credits earned	X5CTEERN	649	13.9	1.11	0.54	4.20	2.05
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	1,817	0.8	0.02	0.01	4.39	2.09
Total known institutions attended	X5SCHTOTAL	1,872	1.7	0.04	0.02	4.32	2.08
No degree attained as of June 2016	X5HIGHDEG=0	1,844	86.7	1.84	0.79	5.41	2.33
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	1,844	7.2	1.10	0.60	3.37	1.84
Total remedial courses taken	X5REMTOT	856	2.8	0.15	0.07	4.61	2.15
Summary statistics							
Mean						4.51	2.11
Minimum						2.63	1.62
Median						4.43	2.10
Maximum						6.94	2.63
Standard deviation						0.98	0.23

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-15. Postsecondary transcript standard errors and design effects—Asian students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
GPA at all known institutions attended	X5GPAALL	1,214	2.8	0.04	0.02	2.93	1.71	
GPA at first known institution attended	X5GPA1STSC	1,132	2.9	0.04	0.02	3.30	1.82	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,133	2.7	0.05	0.03	3.81	1.95	
Months between HS exit and postsecondary entry	X5HS2PS1	1,232	3.4	0.26	0.14	3.49	1.87	
Ever dual enrolled	X5DUALFLG in (1,2)	1,243	22.2	2.91	1.18	6.08	2.47	
Postsecondary credits earned	X5POSTERN	1,218	75.0	2.43	1.07	5.19	2.28	
Dual-enrollment credits earned	X5HSCRDERN	240	12.7	2.71	1.03	6.84	2.62	
First-year enrollment credits earned	X5YR1ERN	1,137	22.4	0.69	0.30	5.11	2.26	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	1,134	30.1	1.24	0.73	2.86	1.69	
Summer terms credits earned	X5SUMERN	596	7.9	0.51	0.23	4.64	2.15	
Career and technical education credits earned	X5CTEERN	282	10.0	1.27	0.56	5.12	2.26	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	1,231	0.9	0.01	0.01	4.00	2.00	
Total known institutions attended	X5SCHTOTAL	1,245	1.8	0.05	0.03	3.65	1.91	
No degree attained as of June 2016	X5HIGHDEG=0	1,232	92.5	1.45	0.75	3.72	1.93	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	1,232	6.6	1.44	0.71	4.13	2.03	
Total remedial courses taken	X5REMTOT	324	2.5	0.20	0.11	2.95	1.72	
Summary statistics								
Mean						4.24	2.04	
Minimum						2.86	1.69	
Median						3.91	1.98	
Maximum						6.84	2.62	
Standard deviation						1.17	0.27	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-16. Postsecondary transcript standard errors and design effects—Black students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	1,186	2.1	0.05	0.03	3.12	1.77	
GPA at first known institution attended	X5GPA1STSC	1,085	2.0	0.06	0.03	3.29	1.81	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,013	1.7	0.07	0.03	3.86	1.96	
Months between HS exit and postsecondary entry	X5HS2PS1	1,232	5.6	0.40	0.24	2.84	1.68	
Ever dual enrolled	X5DUALFLG in (1,2)	1,268	14.6	1.98	0.99	3.98	1.99	
Postsecondary credits earned	X5POSTERN	1,156	46.7	2.21	1.05	4.38	2.09	
Dual-enrollment credits earned	X5HSCRDERN	147	12.5	3.57	1.36	6.94	2.63	
First-year enrollment credits earned	X5YR1ERN	1,045	17.5	0.57	0.33	2.96	1.72	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	913	15.5	0.93	0.49	3.66	1.91	
Summer terms credits earned	X5SUMERN	386	8.3	0.52	0.31	2.88	1.70	
Career and technical education credits earned	X5CTEERN	388	11.8	1.03	0.60	2.95	1.72	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	1,229	0.7	0.02	0.01	3.25	1.80	
Total known institutions attended	X5SCHTOTAL	1,269	1.9	0.06	0.03	4.03	2.01	
No degree attained as of June 2016	X5HIGHDEG=0	1,254	91.1	1.31	0.80	2.65	1.63	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	1,254	5.5	1.20	0.64	3.46	1.86	
Total remedial courses taken	X5REMTOT	663	2.9	0.12	0.08	2.40	1.55	
Summary statistics								
Mean						3.54	1.87	
Minimum						2.40	1.55	
Median						3.27	1.81	
Maximum						6.94	2.63	
Standard deviation						1.06	0.25	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-17. Postsecondary transcript standard errors and design effects—Other students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff	
GPA at all known institutions attended	X5GPAALL	8,433	2.7	0.02	0.01	3.46	1.86	
GPA at first known institution attended	X5GPA1STSC	7,743	2.7	0.02	0.01	3.48	1.86	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	7,526	2.5	0.02	0.01	3.46	1.86	
Months between HS exit and postsecondary entry	X5HS2PS1	8,584	4.4	0.18	0.07	5.62	2.37	
Ever dual enrolled	X5DUALFLG in (1,2)	8,766	25.3	1.54	0.46	10.94	3.31	
Postsecondary credits earned	X5POSTERN	8,362	64.5	0.91	0.42	4.62	2.15	
Dual-enrollment credits earned	X5HSCRDERN	2,022	13.0	0.85	0.30	7.98	2.82	
First-year enrollment credits earned	X5YR1ERN	7,598	21.3	0.29	0.12	5.77	2.40	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	7,255	21.0	0.44	0.24	3.42	1.85	
Summer terms credits earned	X5SUMERN	3,066	7.2	0.14	0.09	2.28	1.51	
Career and technical education credits earned	X5CTEERN	2,718	15.9	0.45	0.31	2.17	1.47	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	8,622	0.9	0.01	0.00	2.82	1.68	
Total known institutions attended	X5SCHTOTAL	8,774	1.8	0.02	0.01	3.44	1.85	
No degree attained as of June 2016	X5HIGHDEG=0	8,657	87.0	0.61	0.36	2.89	1.70	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	8,657	9.3	0.59	0.31	3.50	1.87	
Total remedial courses taken	X5REMTOT	2,847	2.1	0.06	0.03	3.48	1.87	
Summary statistics								
Mean						4.33	2.03	
Minimum						2.17	1.47	
Median						3.47	1.86	
Maximum						10.94	3.31	
Standard deviation						2.30	0.49	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-18. Postsecondary transcript standard errors and design effects—Low percentile SES students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff
GPA at all known institutions attended	X5GPAALL	1,288	2.2	0.06	0.03	3.88	1.97
GPA at first known institution attended	X5GPA1STSC	1,182	2.2	0.06	0.03	3.44	1.85
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	1,066	2.1	0.07	0.04	4.20	2.05
Months between HS exit and postsecondary entry	X5HS2PS1	1,344	6.3	0.51	0.24	4.40	2.10
Ever dual enrolled	X5DUALFLG in (1,2)	1,394	15.0	1.85	0.96	3.76	1.94
Postsecondary credits earned	X5POSTERN	1,264	44.1	2.26	0.97	5.46	2.34
Dual-enrollment credits earned	X5HSCRDERN	201	11.0	1.03	0.71	2.11	1.45
First-year enrollment credits earned	X5YR1ERN	1,111	17.7	0.68	0.34	4.05	2.01
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	971	15.3	0.76	0.47	2.62	1.62
Summer terms credits earned	X5SUMERN	367	7.3	0.55	0.25	4.71	2.17
Career and technical education credits earned	X5CTEERN	553	15.8	1.46	0.68	4.68	2.16
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	1,344	0.7	0.02	0.01	5.35	2.31
Total known institutions attended	X5SCHTOTAL	1,394	1.6	0.04	0.02	3.46	1.86
No degree attained as of June 2016	X5HIGHDEG=0	1,371	88.2	1.80	0.87	4.26	2.06
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	1,371	5.0	0.96	0.59	2.68	1.64
Total remedial courses taken	X5REMTOT	664	2.9	0.19	0.09	4.71	2.17
Summary statistics							
Mean						3.99	1.98
Minimum						2.11	1.45
Median						4.12	2.03
Maximum						5.46	2.34
Standard deviation						0.95	0.25

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-19. Postsecondary transcript standard errors and design effects—Middle percentile SES students

Item ¹	Variable	<i>n</i>	'Estimate	Design-based SE ²	Simple random sample SE ³	<i>deff</i>	<i>deff</i>	
GPA at all known institutions attended	X5GPAALL	7,064	2.5	0.02	0.01	3.77	1.94	
GPA at first known institution attended	X5GPA1STSC	6,435	2.4	0.03	0.01	4.20	2.05	
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	6,165	2.3	0.03	0.01	4.65	2.16	
Months between HS exit and postsecondary entry	X5HS2PS1	7,240	4.7	0.15	0.09	3.03	1.74	
Ever dual enrolled	X5DUALFLG in (1,2)	7,436	23.4	1.41	0.49	8.28	2.88	
Postsecondary credits earned	X5POSTERN	6,986	55.7	0.87	0.45	3.72	1.93	
Dual-enrollment credits earned	X5HSCRDERN	1,600	12.9	1.18	0.36	10.83	3.29	
First-year enrollment credits earned	X5YR1ERN	6,273	19.1	0.31	0.13	5.35	2.31	
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	5,872	18.2	0.43	0.24	3.38	1.84	
Summer terms credits earned	X5SUMERN	2,399	7.4	0.23	0.11	4.31	2.08	
Career and technical education credits earned	X5CTEERN	2,569	14.9	0.53	0.30	3.13	1.77	
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	7,273	0.8	0.01	0.00	3.30	1.82	
Total known institutions attended	X5SCHTOTAL	7,444	1.8	0.02	0.01	4.29	2.07	
No degree attained as of June 2016	X5HIGHDEG=0	7,339	87.0	0.75	0.39	3.64	1.91	
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	7,339	9.0	0.56	0.33	2.79	1.67	
Total remedial courses taken	X5REMTOT	2,979	2.4	0.06	0.03	3.83	1.96	
Summary statistics								
Mean						4.53	2.09	
Minimum						2.79	1.67	
Median						3.80	1.95	
Maximum						10.83	3.29	
Standard deviation						2.12	0.43	

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-20. Postsecondary transcript standard errors and design effects—High percentile SES students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deff
GPA at all known institutions attended	X5GPAALL	4,236	2.9	0.03	0.01	4.95	2.23
GPA at first known institution attended	X5GPA1STSC	3,953	2.9	0.03	0.01	4.97	2.23
STEM GPA (using SMART grant definition of STEM)	X5STEM1GPA	3,948	2.6	0.04	0.02	4.79	2.19
Months between HS exit and postsecondary entry	X5HS2PS1	4,285	3.3	0.14	0.08	3.62	1.90
Ever dual enrolled	X5DUALFLG in (1,2)	4,318	23.9	1.61	0.65	6.12	2.47
Postsecondary credits earned	X5POSTERN	4,235	77.2	1.27	0.56	5.05	2.25
Dual-enrollment credits earned	X5HSCRDERN	925	14.5	1.78	0.52	11.75	3.43
First-year enrollment credits earned	X5YR1ERN	3,956	23.8	0.35	0.16	4.74	2.18
STEM credits earned (using SMART grant definition of STEM)	X5STEM1ERN	3,891	25.6	0.66	0.37	3.19	1.79
Summer terms credits earned	X5SUMERN	1,920	7.2	0.19	0.11	2.88	1.70
Career and technical education credits earned	X5CTEERN	915	13.0	0.57	0.43	1.78	1.34
Ratio of postsecondary career credits earned to attempted	X5PSEERNAT	4,282	0.9	0.01	0.00	4.49	2.12
Total known institutions attended	X5SCHTOTAL	4,322	1.9	0.03	0.01	3.12	1.77
No degree attained as of June 2016	X5HIGHDEG=0	4,277	89.0	0.99	0.48	4.24	2.06
Associate's or bachelor's degree attained as of June 2016	X5HIGHDEG in (2,3)	4,277	8.7	0.85	0.43	3.93	1.98
Total remedial courses taken	X5REMTOT	1,047	2.2	0.13	0.05	5.91	2.43
Summary statistics							
Mean						4.72	2.13
Minimum						1.78	1.34
Median						4.62	2.15
Maximum						11.75	3.43
Standard deviation						2.19	0.45

¹ Items are derived from postsecondary transcript data as well as composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-21. Postsecondary student records standard errors and design effects—Overall

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	8,688	82.9	0.75	0.40	3.50	1.87	
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	3,837	8,289.8	185.87	86.90	4.58	2.14	
First academic year enrolled is 2013-2014	X5PFYEAR=2014	8,688	80.1	0.93	0.43	4.76	2.18	
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	4,507	12,637.6	190.05	115.48	2.71	1.65	
Associate's degree program ⁴	X5PFYDEGREE=3	8,185	35.2	1.62	0.53	9.40	3.07	
Bachelor's degree program ⁴	X5PFYDEGREE=4	8,185	53.6	1.62	0.55	8.65	2.94	
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	7,778	66.1	1.12	0.54	4.36	2.09	
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	7,778	13.8	0.82	0.39	4.37	2.09	
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	7,778	20.1	0.94	0.45	4.25	2.06	
Institutional aid total ⁴	X5PFYINSTAMT	3,895	9,464.8	290.77	157.16	3.42	1.85	
Total merit-only grants ⁴	X5PFYMERITAID	2,955	7,273.7	217.48	125.38	3.01	1.73	
Total need-based grants ⁴	X5PFYNEEDAID	4,503	6,549.8	195.57	99.71	3.85	1.96	
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	4,351	7,105.3	284.98	132.14	4.65	2.16	
Federal Pell Grants ⁴	X5PFYPELLAMT	3,277	3,968.1	61.77	29.13	4.50	2.12	
State aid total ⁴	X5PFYSTATEAMT	2,855	2,940.5	108.49	49.09	4.88	2.21	
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	3,319	4,051.6	69.20	31.72	4.76	2.18	
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	3,687	5,562.7	80.49	41.80	3.71	1.93	
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	6,798	12,610.3	283.24	139.74	4.11	2.03	
Tuition and fees charged ⁴	X5PFYTUITION	8,659	11,106.9	292.34	125.12	5.46	2.34	
Summary statistics								
Mean						4.68	2.14	
Minimum						2.71	1.65	
Median						4.37	2.09	
Maximum						9.40	3.07	
Standard deviation						1.68	0.35	

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-22. Postsecondary student records standard errors and design effects—Public schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	6,518	83.9	0.80	0.46	3.10	1.76	
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	3,209	8,261.5	193.58	94.90	4.16	2.04	
First academic year enrolled is 2013-2014	X5PFYEAR=2014	6,518	79.1	1.00	0.50	3.94	1.99	
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	3,429	12,508.4	203.42	132.95	2.34	1.53	
Associate's degree program ⁴	X5PFYDEGREE=3	6,139	37.0	1.76	0.62	8.17	2.86	
Bachelor's degree program ⁴	X5PFYDEGREE=4	6,139	51.4	1.78	0.64	7.78	2.79	
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	5,846	65.2	1.24	0.62	3.95	1.99	
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	5,846	14.6	0.89	0.46	3.68	1.92	
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	5,846	20.2	1.03	0.53	3.84	1.96	
Institutional aid total ⁴	X5PFYINSTAMT	2,715	9,067.5	327.72	183.26	3.20	1.79	
Total merit-only grants ⁴	X5PFYMERITAID	2,011	7,023.6	237.38	148.08	2.57	1.60	
Total need-based grants ⁴	X5PFYNEEDAID	3,601	6,370.2	192.46	105.36	3.34	1.83	
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	3,077	6,488.3	306.70	141.91	4.67	2.16	
Federal Pell Grants ⁴	X5PFYPELLAMT	2,765	3,963.6	63.76	31.75	4.03	2.01	
State aid total ⁴	X5PFYSTATEAMT	2,221	2,894.6	114.59	55.28	4.30	2.07	
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	2,801	4,037.7	71.89	34.45	4.36	2.09	
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	2,796	5,573.2	86.24	48.55	3.16	1.78	
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	5,161	12,269.4	293.64	156.53	3.52	1.88	
Tuition and fees charged ⁴	X5PFYTUITION	6,496	10,399.0	313.42	136.88	5.24	2.29	
Summary statistics								
Mean						4.18	2.02	
Minimum						2.34	1.53	
Median						3.94	1.99	
Maximum						8.17	2.86	
Standard deviation						1.51	0.34	

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-23. Postsecondary student records standard errors and design effects—Private schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	2,170	72.6	2.75	0.96	8.26	2.87
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	628	8,853.4	396.99	219.07	3.28	1.81
First academic year enrolled is 2013-2014	X5PFYEAR=2014	2,170	90.9	1.22	0.62	3.87	1.97
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,078	14,138.0	379.76	219.26	3.00	1.73
Associate's degree program ⁴	X5PFYDEGREE=3	2,046	16.2	2.25	0.81	7.62	2.76
Bachelor's degree program ⁴	X5PFYDEGREE=4	2,046	77.6	2.54	0.92	7.62	2.76
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	1,932	75.9	1.83	0.97	3.53	1.88
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	1,932	5.3	0.91	0.51	3.21	1.79
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	1,932	18.8	1.62	0.89	3.33	1.82
Institutional aid total ⁴	X5PFYINSTAMT	1,180	12,644.9	722.43	325.72	4.92	2.22
Total merit-only grants ⁴	X5PFYMERITAID	944	9,008.2	430.75	250.94	2.95	1.72
Total need-based grants ⁴	X5PFYNEEDAID	902	9,272.6	1050.59	348.71	9.08	3.01
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,274	11,886.0	1190.29	353.12	11.36	3.37
Federal Pell Grants ⁴	X5PFYPELLAMT	512	4,061.6	145.76	71.66	4.14	2.03
State aid total ⁴	X5PFYSTATEAMT	634	3,568.3	261.27	110.55	5.58	2.36
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	518	4,345.7	170.13	83.23	4.18	2.04
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	891	5,443.5	142.46	73.07	3.80	1.95
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	1,637	16,520.3	860.70	339.28	6.44	2.54
Tuition and fees charged ⁴	X5PFYTUITION	2,163	18,492.3	1235.35	319.26	14.97	3.87
Summary statistics							
Mean						5.85	2.34
Minimum						2.95	1.72
Median						4.18	2.04
Maximum						14.97	3.87
Standard deviation						3.27	0.62

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-24. Postsecondary student records standard errors and design effects—Northeast schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	1,305	83.5	1.74	1.03	2.86	1.69
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	517	8,391.3	810.13	239.19	11.47	3.39
First academic year enrolled is 2013-2014	X5PFYEAR=2014	1,305	85.0	1.97	0.99	3.95	1.99
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	836	14,909.6	426.89	250.43	2.91	1.70
Associate's degree program ⁴	X5PFYDEGREE=3	1,239	33.3	4.06	1.34	9.17	3.03
Bachelor's degree program ⁴	X5PFYDEGREE=4	1,239	58.2	4.83	1.40	11.89	3.45
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	1,186	72.0	2.18	1.30	2.79	1.67
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	1,186	10.8	2.36	0.90	6.86	2.62
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	1,186	17.2	2.39	1.10	4.76	2.18
Institutional aid total ⁴	X5PFYINSTAMT	670	13,546.8	698.79	458.15	2.33	1.53
Total merit-only grants ⁴	X5PFYMERITAID	421	10,324.6	635.77	354.48	3.22	1.79
Total need-based grants ⁴	X5PFYNEEDAID	744	8,502.4	704.68	337.37	4.36	2.09
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	735	9,873.0	825.89	423.69	3.80	1.95
Federal Pell Grants ⁴	X5PFYPELLAMT	450	4,173.7	210.19	79.74	6.95	2.64
State aid total ⁴	X5PFYSTATEAMT	427	2,730.5	278.37	120.05	5.38	2.32
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	453	4,369.3	227.19	86.35	6.92	2.63
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	725	5,891.9	151.95	93.86	2.62	1.62
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	1,035	17,033.3	907.46	444.84	4.16	2.04
Tuition and fees charged ⁴	X5PFYTUITION	1,299	17,275.2	1082.21	404.28	7.17	2.68
Summary statistics							
Mean						5.45	2.26
Minimum						2.33	1.53
Median						4.36	2.09
Maximum						11.89	3.45
Standard deviation						2.91	0.59

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-25. Postsecondary student records standard errors and design effects—Midwest schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	2,364	84.8	1.20	0.74	2.62	1.62
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	1,020	8,286.5	307.66	168.83	3.32	1.82
First academic year enrolled is 2013-2014	X5PFYEAR=2014	2,364	82.5	1.47	0.78	3.54	1.88
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,388	13,005.6	288.45	202.80	2.02	1.42
Associate's degree program ⁴	X5PFYDEGREE=3	2,190	31.3	2.26	0.99	5.19	2.28
Bachelor's degree program ⁴	X5PFYDEGREE=4	2,190	58.5	2.46	1.05	5.45	2.34
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	2,075	73.1	1.47	0.97	2.29	1.51
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	2,075	10.9	1.01	0.68	2.16	1.47
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	2,075	16.0	1.18	0.80	2.14	1.46
Institutional aid total ⁴	X5PFYINSTAMT	1,203	9,188.3	467.55	251.93	3.44	1.86
Total merit-only grants ⁴	X5PFYMERITAID	774	7,276.7	370.35	231.30	2.56	1.60
Total need-based grants ⁴	X5PFYNEEDAID	1,238	6,411.1	289.87	177.62	2.66	1.63
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,178	6,472.7	345.34	211.14	2.68	1.64
Federal Pell Grants ⁴	X5PFYPELLAMT	881	3,799.1	104.34	56.97	3.35	1.83
State aid total ⁴	X5PFYSTATEAMT	551	3,093.2	246.29	128.45	3.68	1.92
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	889	3,961.5	115.80	62.11	3.48	1.86
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,172	5,499.0	116.91	71.22	2.69	1.64
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	1,878	13,483.0	418.25	259.54	2.60	1.61
Tuition and fees charged ⁴	X5PFYTUITION	2,361	12,173.6	408.67	224.38	3.32	1.82
Summary statistics							
Mean						3.12	1.75
Minimum						2.02	1.42
Median						2.69	1.64
Maximum						5.45	2.34
Standard deviation						0.94	0.25

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-26. Postsecondary student records standard errors and design effects—South schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	3,665	84.5	1.14	0.60	3.61	1.90
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	1,665	8,453.6	198.65	134.24	2.19	1.48
First academic year enrolled is 2013-2014	X5PFYEAR=2014	3,665	79.6	1.32	0.67	3.94	1.98
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,694	11,896.8	369.97	198.76	3.46	1.86
Associate's degree program ⁴	X5PFYDEGREE=3	3,489	38.2	2.26	0.82	7.58	2.75
Bachelor's degree program ⁴	X5PFYDEGREE=4	3,489	50.9	2.21	0.85	6.85	2.62
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	3,322	64.5	1.49	0.83	3.24	1.80
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	3,322	13.7	1.06	0.60	3.15	1.78
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	3,322	21.8	1.30	0.72	3.29	1.81
Institutional aid total ⁴	X5PFYINSTAMT	1,488	7,733.5	427.41	220.62	3.75	1.94
Total merit-only grants ⁴	X5PFYMERITAID	1,448	6,126.5	326.60	166.65	3.84	1.96
Total need-based grants ⁴	X5PFYNEEDAID	1,851	5,614.2	185.24	115.96	2.55	1.60
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,757	6,075.5	412.09	189.27	4.74	2.18
Federal Pell Grants ⁴	X5PFYPELLAMT	1,422	3,962.9	81.29	43.85	3.44	1.85
State aid total ⁴	X5PFYSTATEAMT	1,518	3,198.2	143.86	59.27	5.89	2.43
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	1,440	4,027.9	85.89	46.77	3.37	1.84
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,326	5,476.7	160.03	73.74	4.71	2.17
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	2,893	11,219.1	389.30	187.52	4.31	2.08
Tuition and fees charged ⁴	X5PFYTUITION	3,653	8,888.9	364.18	162.06	5.05	2.25
Summary statistics							
Mean						4.16	2.01
Minimum						2.19	1.48
Median						3.75	1.94
Maximum						7.58	2.75
Standard deviation						1.39	0.32

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-27. Postsecondary student records standard errors and design effects—West schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	1,354	78.3	2.28	1.12	4.15	2.04
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	635	7,949.5	338.89	205.04	2.73	1.65
First academic year enrolled is 2013-2014	X5PFYEAR=2014	1,354	75.0	2.66	1.18	5.10	2.26
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	589	10,853.5	525.18	288.82	3.31	1.82
Associate's degree program ⁴	X5PFYDEGREE=3	1,267	35.6	4.13	1.35	9.41	3.07
Bachelor's degree program ⁴	X5PFYDEGREE=4	1,267	49.7	4.33	1.41	9.50	3.08
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	1,195	57.1	3.52	1.43	6.03	2.45
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	1,195	19.3	2.82	1.14	6.10	2.47
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	1,195	23.6	2.52	1.23	4.19	2.05
Institutional aid total ⁴	X5PFYINSTAMT	534	8,042.0	678.78	404.39	2.82	1.68
Total merit-only grants ⁴	X5PFYMERITAID	312	6,894.9	618.06	406.24	2.31	1.52
Total need-based grants ⁴	X5PFYNEEDAID	670	6,492.6	463.65	253.33	3.35	1.83
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	681	6,838.5	716.63	301.40	5.65	2.38
Federal Pell Grants ⁴	X5PFYPELLAMT	524	3,976.6	126.01	71.60	3.10	1.76
State aid total ⁴	X5PFYSTATEAMT	359	2,547.8	271.46	151.39	3.22	1.79
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	537	3,941.0	144.62	80.46	3.23	1.80
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	464	5,395.4	206.40	109.24	3.57	1.89
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	992	10,312.4	674.07	326.46	4.26	2.06
Tuition and fees charged ⁴	X5PFYTUITION	1,346	8,805.9	772.30	287.26	7.23	2.69
Summary statistics							
Mean						4.70	2.12
Minimum						2.31	1.52
Median						4.15	2.04
Maximum						9.50	3.08
Standard deviation						2.14	0.46

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-28. Postsecondary student records standard errors and design effects—City schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	2,716	81.6	1.38	0.74	3.43	1.85
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	1,070	8,679.4	453.51	167.11	7.36	2.71
First academic year enrolled is 2013-2014	X5PFYEAR=2014	2,716	79.5	2.06	0.78	7.06	2.66
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,326	12,102.1	386.34	211.54	3.34	1.83
Associate's degree program ⁴	X5PFYDEGREE=3	2,587	34.5	3.17	0.93	11.49	3.39
Bachelor's degree program ⁴	X5PFYDEGREE=4	2,587	53.3	3.75	0.98	14.60	3.82
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	2,421	63.4	2.54	0.98	6.73	2.59
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	2,421	15.9	2.10	0.74	8.02	2.83
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	2,421	20.7	2.03	0.82	6.05	2.46
Institutional aid total ⁴	X5PFYINSTAMT	1,300	10,432.3	665.18	288.29	5.32	2.31
Total merit-only grants ⁴	X5PFYMERITAID	940	8,384.6	576.12	247.74	5.41	2.33
Total need-based grants ⁴	X5PFYNEEDAID	1,324	6,736.1	369.64	176.53	4.38	2.09
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,481	7,175.4	541.54	225.30	5.78	2.40
Federal Pell Grants ⁴	X5PFYPELLAMT	900	4,034.0	140.72	54.95	6.56	2.56
State aid total ⁴	X5PFYSTATEAMT	888	2,877.4	214.02	84.60	6.40	2.53
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	919	4,094.2	158.73	60.88	6.80	2.61
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,087	5,341.6	156.06	77.14	4.09	2.02
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	2,080	12,437.9	522.62	248.22	4.43	2.11
Tuition and fees charged ⁴	X5PFYTUITION	2,702	10,951.0	627.66	223.79	7.87	2.80
Summary statistics							
Mean						6.59	2.52
Minimum						3.34	1.83
Median						6.40	2.53
Maximum						14.60	3.82
Standard deviation						2.72	0.49

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-29. Postsecondary student records standard errors and design effects—Suburban schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	3,050	82.2	1.32	0.69	3.64	1.91
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	1,283	8,285.5	245.30	152.00	2.60	1.61
First academic year enrolled is 2013-2014	X5PFYEAR=2014	3,050	81.2	1.29	0.71	3.32	1.82
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,663	13,174.4	294.88	190.45	2.40	1.55
Associate's degree program ⁴	X5PFYDEGREE=3	2,837	31.9	2.15	0.88	6.04	2.46
Bachelor's degree program ⁴	X5PFYDEGREE=4	2,837	57.9	2.15	0.93	5.37	2.32
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	2,727	65.3	1.64	0.91	3.23	1.80
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	2,727	13.0	1.13	0.64	3.08	1.75
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	2,727	21.8	1.36	0.79	2.94	1.72
Institutional aid total ⁴	X5PFYINSTAMT	1,345	9,866.1	368.72	267.87	1.89	1.38
Total merit-only grants ⁴	X5PFYMERITAID	993	7,578.9	301.82	209.27	2.08	1.44
Total need-based grants ⁴	X5PFYNEEDAID	1,511	6,974.8	322.83	193.58	2.78	1.67
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,571	8,215.2	570.65	252.26	5.12	2.26
Federal Pell Grants ⁴	X5PFYPELLAMT	1,083	3,946.9	81.76	51.00	2.57	1.60
State aid total ⁴	X5PFYSTATEAMT	896	2,980.8	181.04	92.96	3.79	1.95
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	1,094	4,051.9	92.04	55.92	2.71	1.65
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,392	5,662.4	114.77	69.12	2.76	1.66
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	2,348	13,743.8	472.12	257.89	3.35	1.83
Tuition and fees charged ⁴	X5PFYTUITION	3,040	12,736.3	560.81	232.93	5.80	2.41
Summary statistics							
Mean						3.45	1.83
Minimum						1.89	1.38
Median						3.08	1.75
Maximum						6.04	2.46
Standard deviation						1.24	0.32

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-30. Postsecondary student records standard errors and design effects—Town schools

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	1,043	85.0	1.85	1.11	2.80	1.67
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	513	7,897.9	350.95	237.42	2.19	1.48
First academic year enrolled is 2013-2014	X5PFYEAR=2014	1,043	80.0	2.29	1.24	3.41	1.85
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	545	12,256.0	704.81	320.37	4.84	2.20
Associate's degree program ⁴	X5PFYDEGREE=3	1,001	47.9	4.38	1.58	7.69	2.77
Bachelor's degree program ⁴	X5PFYDEGREE=4	1,001	41.3	3.74	1.56	5.78	2.40
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	969	67.9	2.69	1.50	3.21	1.79
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	969	13.6	2.01	1.10	3.34	1.83
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	969	18.5	1.93	1.25	2.40	1.55
Institutional aid total ⁴	X5PFYINSTAMT	452	7,517.8	816.99	380.70	4.61	2.15
Total merit-only grants ⁴	X5PFYMERITAID	390	5,763.2	827.22	310.56	7.10	2.66
Total need-based grants ⁴	X5PFYNEEDAID	560	5,883.8	298.74	220.42	1.84	1.36
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	479	5,197.9	865.52	335.84	6.64	2.58
Federal Pell Grants ⁴	X5PFYPELLAMT	439	3,884.6	164.50	79.93	4.24	2.06
State aid total ⁴	X5PFYSTATEAMT	402	2,617.0	220.12	111.67	3.89	1.97
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	443	3,964.4	185.08	84.28	4.82	2.20
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	416	5,601.3	277.04	118.79	5.44	2.33
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	839	10,808.2	801.40	340.34	5.54	2.35
Tuition and fees charged ⁴	X5PFYTUITION	1,042	8,619.8	771.74	293.96	6.89	2.63
Summary statistics							
Mean						4.56	2.10
Minimum						1.84	1.36
Median						4.61	2.15
Maximum						7.69	2.77
Standard deviation						1.75	0.42

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-31. Postsecondary student records standard errors and design effects—Rural schools

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	1,879	84.8	1.86	0.83	5.02	2.24
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	971	7,899.0	269.92	164.42	2.69	1.64
First academic year enrolled is 2013-2014	X5PFYEAR=2014	1,879	79.5	1.88	0.93	4.08	2.02
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	973	12,633.2	383.64	251.99	2.32	1.52
Associate's degree program ⁴	X5PFYDEGREE=3	1,760	34.8	2.72	1.14	5.72	2.39
Bachelor's degree program ⁴	X5PFYDEGREE=4	1,760	53.7	2.90	1.19	5.95	2.44
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	1,661	70.5	1.83	1.12	2.66	1.63
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	1,661	12.3	1.76	0.81	4.80	2.19
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	1,661	17.3	1.45	0.93	2.45	1.56
Institutional aid total ⁴	X5PFYINSTAMT	798	8,394.9	615.87	334.56	3.39	1.84
Total merit-only grants ⁴	X5PFYMERITAID	632	6,434.1	341.04	251.28	1.84	1.36
Total need-based grants ⁴	X5PFYNEEDAID	1,108	5,959.5	362.26	190.75	3.61	1.90
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	820	6,016.0	406.68	225.60	3.25	1.80
Federal Pell Grants ⁴	X5PFYPELLAMT	855	3,940.9	96.91	57.37	2.85	1.69
State aid total ⁴	X5PFYSTATEAMT	669	3,149.1	260.45	104.67	6.19	2.49
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	863	4,031.2	108.71	61.13	3.16	1.78
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	792	5,666.8	139.46	88.83	2.46	1.57
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	1,531	12,012.8	522.58	276.94	3.56	1.89
Tuition and fees charged ⁴	X5PFYTUITION	1,875	10,008.2	477.97	235.99	4.10	2.03
Summary statistics							
Mean						3.69	1.89
Minimum						1.84	1.36
Median						3.39	1.84
Maximum						6.19	2.49
Standard deviation						1.30	0.33

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-32. Postsecondary student records standard errors and design effects—Male students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	4,019	80.8	1.18	0.62	3.60	1.90
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	1,648	7,739.0	240.96	128.68	3.51	1.87
First academic year enrolled is 2013-2014	X5PFYEAR=2014	4,019	80.1	1.27	0.63	4.06	2.01
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,942	11,971.9	263.51	168.39	2.45	1.56
Associate's degree program ⁴	X5PFYDEGREE=3	3,787	35.7	2.03	0.78	6.81	2.61
Bachelor's degree program ⁴	X5PFYDEGREE=4	3,787	53.8	1.98	0.81	6.00	2.45
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	3,611	66.7	1.63	0.78	4.31	2.08
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	3,611	13.7	1.20	0.57	4.40	2.10
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	3,611	19.6	1.14	0.66	2.95	1.72
Institutional aid total ⁴	X5PFYINSTAMT	1,734	9,593.0	446.37	236.46	3.56	1.89
Total merit-only grants ⁴	X5PFYMERITAID	1,307	7,615.7	397.41	198.26	4.02	2.00
Total need-based grants ⁴	X5PFYNEEDAID	1,951	6,496.2	257.43	149.73	2.96	1.72
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	2,054	7,161.9	341.52	196.10	3.03	1.74
Federal Pell Grants ⁴	X5PFYPELLAMT	1,418	3,942.5	80.50	44.15	3.32	1.82
State aid total ⁴	X5PFYSTATEAMT	1,272	2,850.5	147.66	70.56	4.38	2.09
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	1,438	3,989.6	84.72	47.31	3.21	1.79
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,622	5,564.4	128.48	64.43	3.98	1.99
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	3,076	12,544.1	403.28	209.18	3.72	1.93
Tuition and fees charged ⁴	X5PFYTUITION	4,003	11,064.7	356.71	184.84	3.72	1.93
Summary statistics							
Mean						3.89	1.96
Minimum						2.45	1.56
Median						3.72	1.93
Maximum						6.81	2.61
Standard deviation						1.04	0.25

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-33. Postsecondary student records standard errors and design effects—Female students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	4,669	84.8	1.03	0.52	3.88	1.97
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	2,189	8,722.6	251.00	116.85	4.61	2.15
First academic year enrolled is 2013-2014	X5PFYEAR=2014	4,669	80.1	1.21	0.58	4.32	2.08
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	2,565	13,164.2	283.03	157.31	3.24	1.80
Associate's degree program ⁴	X5PFYDEGREE=3	4,398	34.7	1.78	0.72	6.14	2.48
Bachelor's degree program ⁴	X5PFYDEGREE=4	4,398	53.4	1.79	0.75	5.68	2.38
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	4,167	65.6	1.41	0.74	3.68	1.92
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	4,167	13.8	0.99	0.54	3.43	1.85
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	4,167	20.5	1.44	0.63	5.29	2.30
Institutional aid total ⁴	X5PFYINSTAMT	2,161	9,353.7	352.18	210.31	2.80	1.67
Total merit-only grants ⁴	X5PFYMERITAID	1,648	6,983.4	274.07	159.87	2.94	1.71
Total need-based grants ⁴	X5PFYNEEDAID	2,552	6,593.0	241.24	133.69	3.26	1.80
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	2,297	7,051.2	368.84	178.42	4.27	2.07
Federal Pell Grants ⁴	X5PFYPELLAMT	1,859	3,988.4	74.15	38.77	3.66	1.91
State aid total ⁴	X5PFYSTATEAMT	1,583	3,022.8	130.91	68.22	3.68	1.92
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	1,881	4,101.3	86.95	42.72	4.14	2.04
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	2,065	5,561.2	97.31	54.82	3.15	1.78
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	3,722	12,667.0	316.41	187.73	2.84	1.69
Tuition and fees charged ⁴	X5PFYTUITION	4,656	11,145.2	348.91	169.96	4.21	2.05
Summary statistics							
Mean						3.96	1.98
Minimum						2.80	1.67
Median						3.68	1.92
Maximum						6.14	2.48
Standard deviation						0.94	0.23

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-34. Postsecondary student records standard errors and design effects—Hispanic students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	1,165	85.9	1.82	1.02	3.17	1.78
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	679	8,233.9	372.76	209.12	3.18	1.78
First academic year enrolled is 2013-2014	X5PFYEAR=2014	1,165	74.5	2.76	1.28	4.66	2.16
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	567	11,436.3	587.06	337.53	3.03	1.74
Associate's degree program ⁴	X5PFYDEGREE=3	1,083	39.5	3.43	1.49	5.32	2.31
Bachelor's degree program ⁴	X5PFYDEGREE=4	1,083	44.0	3.39	1.51	5.04	2.25
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	1,035	54.6	2.87	1.55	3.45	1.86
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	1,035	20.1	2.46	1.25	3.90	1.98
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	1,035	25.3	2.24	1.35	2.75	1.66
Institutional aid total ⁴	X5PFYINSTAMT	445	9,293.5	1373.06	499.91	7.54	2.75
Total merit-only grants ⁴	X5PFYMERITAID	295	7,356.9	752.15	432.60	3.02	1.74
Total need-based grants ⁴	X5PFYNEEDAID	718	6,091.2	352.85	207.02	2.91	1.70
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	498	4,877.7	639.37	304.19	4.42	2.10
Federal Pell Grants ⁴	X5PFYPELLAMT	583	4,012.7	112.98	68.30	2.74	1.65
State aid total ⁴	X5PFYSTATEAMT	412	2,545.7	195.88	124.90	2.46	1.57
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	595	4,031.2	139.43	76.61	3.31	1.82
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	469	5,691.2	284.49	136.85	4.32	2.08
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	926	11,064.3	564.94	360.68	2.45	1.57
Tuition and fees charged ⁴	X5PFYTUITION	1,160	8,603.1	585.89	305.69	3.67	1.92
Summary statistics							
Mean						3.75	1.92
Minimum						2.45	1.57
Median						3.31	1.82
Maximum						7.54	2.75
Standard deviation						1.25	0.30

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-35. Postsecondary student records standard errors and design effects—Asian students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	785	78.1	3.80	1.48	6.62	2.57	
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	343	10,121.8	661.76	273.53	5.85	2.42	
First academic year enrolled is 2013-2014	X5PFYEAR=2014	785	82.2	6.05	1.37	19.59	4.43	
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	305	11,372.5	646.25	364.66	3.14	1.77	
Associate's degree program ⁴	X5PFYDEGREE=3	750	23.6	3.47	1.55	4.99	2.23	
Bachelor's degree program ⁴	X5PFYDEGREE=4	750	65.1	4.23	1.74	5.89	2.43	
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	699	65.4	5.43	1.80	9.09	3.02	
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	699	12.8	3.92	1.26	9.62	3.10	
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	699	21.8	3.89	1.56	6.19	2.49	
Institutional aid total ⁴	X5PFYINSTAMT	381	11,728.8	1635.16	662.62	6.09	2.47	
Total merit-only grants ⁴	X5PFYMERITAID	229	7,129.4	886.90	410.14	4.68	2.16	
Total need-based grants ⁴	X5PFYNEEDAID	419	10,668.6	1121.24	547.97	4.19	2.05	
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	407	9,255.8	1451.08	563.43	6.63	2.58	
Federal Pell Grants ⁴	X5PFYPELLAMT	284	4,445.5	178.74	82.59	4.68	2.16	
State aid total ⁴	X5PFYSTATEAMT	277	3,838.8	520.11	208.53	6.22	2.49	
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	288	4,493.0	180.33	101.11	3.18	1.78	
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	235	4,921.1	245.30	122.42	4.02	2.00	
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	573	14,551.7	1400.89	599.02	5.47	2.34	
Tuition and fees charged ⁴	X5PFYTUITION	784	13,310.8	1305.31	502.70	6.74	2.60	
Summary statistics								
Mean						6.47	2.48	
Minimum						3.14	1.77	
Median						5.89	2.43	
Maximum						19.59	4.43	
Standard deviation						3.60	0.59	

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-36. Postsecondary student records standard errors and design effects—Black students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft	
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	850	92.2	1.82	0.92	3.91	1.98	
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	591	9,559.0	427.26	235.21	3.30	1.82	
First academic year enrolled is 2013-2014	X5PFYEAR=2014	850	75.5	2.79	1.48	3.58	1.89	
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	572	13,145.5	622.12	371.04	2.81	1.68	
Associate's degree program ⁴	X5PFYDEGREE=3	807	45.8	4.30	1.75	6.02	2.45	
Bachelor's degree program ⁴	X5PFYDEGREE=4	807	42.6	3.88	1.74	4.96	2.23	
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	753	64.0	3.15	1.75	3.23	1.80	
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	753	13.6	2.33	1.25	3.46	1.86	
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	753	22.4	3.12	1.52	4.21	2.05	
Institutional aid total ⁴	X5PFYINSTAMT	354	8,447.8	1089.36	499.93	4.75	2.18	
Total merit-only grants ⁴	X5PFYMERITAID	249	6,893.1	845.02	486.36	3.02	1.74	
Total need-based grants ⁴	X5PFYNEEDAID	602	6,149.4	450.50	228.73	3.88	1.97	
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	265	5,025.3	509.77	338.48	2.27	1.51	
Federal Pell Grants ⁴	X5PFYPELLAMT	527	4,041.1	146.32	73.63	3.95	1.99	
State aid total ⁴	X5PFYSTATEAMT	288	2,968.1	236.36	128.76	3.37	1.84	
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	535	4,161.1	166.11	80.99	4.21	2.05	
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	481	5,817.5	243.80	134.92	3.27	1.81	
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	743	12,860.3	809.33	389.92	4.31	2.08	
Tuition and fees charged ⁴	X5PFYTUITION	847	8,784.6	650.74	316.62	4.22	2.06	
Summary statistics								
Mean						3.83	1.95	
Minimum						2.27	1.51	
Median						3.88	1.97	
Maximum						6.02	2.45	
Standard deviation						0.85	0.22	

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-37. Postsecondary student records standard errors and design effects—Other students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	5,888	80.4	0.83	0.52	2.55	1.60
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	2,224	7,654.9	166.86	108.36	2.37	1.54
First academic year enrolled is 2013-2014	X5PFYEAR=2014	5,888	82.8	0.84	0.49	2.95	1.72
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	3,063	12,907.7	224.44	133.51	2.83	1.68
Associate's degree program ⁴	X5PFYDEGREE=3	5,545	32.4	1.57	0.63	6.24	2.50
Bachelor's degree program ⁴	X5PFYDEGREE=4	5,545	58.2	1.61	0.66	5.87	2.42
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	5,291	70.4	1.13	0.63	3.25	1.80
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	5,291	11.8	0.85	0.44	3.63	1.91
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	5,291	17.8	0.83	0.53	2.49	1.58
Institutional aid total ⁴	X5PFYINSTAMT	2,715	9,519.6	291.82	180.68	2.61	1.62
Total merit-only grants ⁴	X5PFYMERITAID	2,182	7,323.6	232.86	140.80	2.74	1.65
Total need-based grants ⁴	X5PFYNEEDAID	2,764	6,577.3	215.40	131.72	2.67	1.64
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	3,181	7,702.4	307.26	160.63	3.66	1.91
Federal Pell Grants ⁴	X5PFYPELLAMT	1,883	3,873.2	63.31	38.74	2.67	1.63
State aid total ⁴	X5PFYSTATEAMT	1,878	3,032.7	124.86	61.00	4.19	2.05
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	1,901	3,980.2	69.28	40.97	2.86	1.69
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	2,502	5,486.7	76.45	45.93	2.77	1.66
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	4,556	12,967.9	342.61	172.71	3.94	1.98
Tuition and fees charged ⁴	X5PFYTUITION	5,868	12,274.0	348.30	157.74	4.88	2.21
Summary statistics							
Mean						3.43	1.83
Minimum						2.37	1.54
Median						2.86	1.69
Maximum						6.24	2.50
Standard deviation						1.14	0.29

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-38. Postsecondary student records standard errors and design effects—Low percentile SES students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	868	91.5	1.79	0.95	3.55	1.88
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	676	8,595.0	507.68	208.49	5.93	2.43
First academic year enrolled is 2013-2014	X5PFYEAR=2014	868	71.2	3.53	1.54	5.27	2.29
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	440	10,611.3	703.72	378.54	3.46	1.86
Associate's degree program ⁴	X5PFYDEGREE=3	812	50.5	4.00	1.76	5.19	2.28
Bachelor's degree program ⁴	X5PFYDEGREE=4	812	34.4	3.57	1.67	4.58	2.14
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	772	58.7	3.33	1.77	3.53	1.88
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	772	24.1	3.04	1.54	3.90	1.97
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	772	17.2	2.54	1.36	3.50	1.87
Institutional aid total ⁴	X5PFYINSTAMT	280	8,210.4	1957.65	621.56	9.92	3.15
Total merit-only grants ⁴	X5PFYMERITAID	182	7,031.2	1169.58	619.42	3.57	1.89
Total need-based grants ⁴	X5PFYNEEDAID	663	5,726.7	278.06	164.64	2.85	1.69
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	280	4,393.5	1116.98	386.69	8.34	2.89
Federal Pell Grants ⁴	X5PFYPELLAMT	607	4,181.6	146.47	65.65	4.98	2.23
State aid total ⁴	X5PFYSTATEAMT	367	2,489.0	207.49	124.97	2.76	1.66
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	615	4,174.7	166.26	72.80	5.22	2.28
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	361	5,390.7	354.22	165.52	4.58	2.14
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	754	9,928.3	561.00	331.42	2.87	1.69
Tuition and fees charged ⁴	X5PFYTUITION	858	7,419.0	689.09	291.42	5.59	2.36
Summary statistics							
Mean						4.71	2.14
Minimum						2.76	1.66
Median						4.58	2.14
Maximum						9.92	3.15
Standard deviation						1.85	0.39

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-39. Postsecondary student records standard errors and design effects—Middle percentile SES students

Item ¹	Variable	.n	Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	4,876	85.6	0.98	0.50	3.78	1.94
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	2,596	8,201.1	180.05	105.28	2.92	1.71
First academic year enrolled is 2013-2014	X5PFYEAR=2014	4,876	78.5	1.25	0.59	4.53	2.13
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	2,727	12,584.1	241.38	150.34	2.58	1.61
Associate's degree program ⁴	X5PFYDEGREE=3	4,609	38.2	1.73	0.72	5.82	2.41
Bachelor's degree program ⁴	X5PFYDEGREE=4	4,609	49.6	1.68	0.74	5.23	2.29
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	4,369	65.4	1.45	0.72	4.04	2.01
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	4,369	14.2	1.02	0.53	3.73	1.93
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	4,369	20.4	1.25	0.61	4.20	2.05
Institutional aid total ⁴	X5PFYINSTAMT	2,070	8,859.4	340.03	207.43	2.69	1.64
Total merit-only grants ⁴	X5PFYMERITAID	1,569	6,720.2	269.83	158.12	2.91	1.71
Total need-based grants ⁴	X5PFYNEEDAID	2,847	6,471.7	194.26	122.97	2.50	1.58
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	2,196	5,812.2	282.73	145.77	3.76	1.94
Federal Pell Grants ⁴	X5PFYPELLAMT	2,229	3,901.4	68.04	35.16	3.74	1.93
State aid total ⁴	X5PFYSTATEAMT	1,730	2,995.8	118.20	60.62	3.80	1.95
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	2,258	3,998.4	72.94	38.03	3.68	1.92
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	2,223	5,656.6	88.88	53.77	2.73	1.65
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	3,952	12,530.8	323.31	183.44	3.11	1.76
Tuition and fees charged ⁴	X5PFYTUITION	4,864	10,093.5	314.50	154.70	4.13	2.03
Summary statistics							
Mean						3.68	1.91
Minimum						2.50	1.58
Median						3.74	1.93
Maximum						5.82	2.41
Standard deviation						0.89	0.23

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSLs:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File.

Table F-40. Postsecondary student records standard errors and design effects—High percentile SES students

Item ¹	Variable	.n	'Estimate	Design-based SE ²	Simple random sample SE ³	deff	deft
Applied for federal financial aid as of June 30, 2016	X5EVRFEDAPP	2,944	71.9	1.36	0.83	2.71	1.64
Cumulative federal Pell Grants as of June 30, 2016	X5PELLAMTCUM	565	8,135.0	567.91	226.96	6.26	2.50
First academic year enrolled is 2013-2014	X5PFYEAR=2014	2,944	89.2	0.97	0.57	2.88	1.70
Total federal loans (excludes Parent PLUS Loans) borrowed as of June 30, 2016	X5T4XLNCUM	1,340	13,926.1	325.98	194.32	2.81	1.68
Associate's degree program ⁴	X5PFYDEGREE=3	2,764	19.5	1.52	0.75	4.06	2.02
Bachelor's degree program ⁴	X5PFYDEGREE=4	2,764	73.7	1.69	0.84	4.09	2.02
Enrolled exclusively full time ⁴	X5PFYENRLSTAT=1	2,637	72.0	1.83	0.87	4.38	2.09
Enrolled exclusively part time ⁴	X5PFYENRLSTAT=2	2,637	7.0	0.78	0.50	2.47	1.57
Enrolled mixed full time and part time ⁴	X5PFYENRLSTAT=3	2,637	21.0	1.60	0.79	4.09	2.02
Institutional aid total ⁴	X5PFYINSTAMT	1,545	10,925.9	441.17	255.94	2.97	1.72
Total merit-only grants ⁴	X5PFYMERITAID	1,204	8,200.0	288.17	203.49	2.01	1.42
Total need-based grants ⁴	X5PFYNEEDAID	993	7,932.8	539.36	290.69	3.44	1.86
Tuition and fees minus Title IV, state, and institution aid ⁴	X5PFYNETPRICEALL	1,875	9,880.9	576.02	252.53	5.20	2.28
Federal Pell Grants ⁴	X5PFYPELLAMT	441	3,849.6	189.24	85.61	4.89	2.21
State aid total ⁴	X5PFYSTATEAMT	758	3,214.0	230.86	110.93	4.33	2.08
Total federal Title IV grants ⁴	X5PFYT4GRTAMT	446	4,077.2	193.53	94.93	4.16	2.04
Total federal loans (excludes Parent PLUS Loans) ⁴	X5PFYT4LNAMT1	1,103	5,421.5	110.50	63.24	3.05	1.75
Total federal, state, and institutional aid ⁴	X5PFYTOTAID2	2,092	14,795.0	522.85	275.72	3.60	1.90
Tuition and fees charged ⁴	X5PFYTUITION	2,937	15,551.2	603.69	251.40	5.77	2.40
Summary statistics							
Mean						3.85	1.94
Minimum						2.01	1.42
Median						4.06	2.02
Maximum						6.26	2.50
Standard deviation						1.14	0.29

¹ Items are derived from postsecondary student financial aid records, NSLDS, or composite variables. The associated variable names on the HSL:09 public-use file are included in *Variable* column.

² Design-based standard error (SE) equal to the numerator term in the formulae above.

³ Simple random sample standard error (SE) equal to the denominator term in the formulae above.

⁴ At primary first-year institution.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection, Public-use Data File

Appendix G: Imputation Details

Table G-1. HSLS:09 PETS-SR follow-up imputation and classification variables

Imputation variable	Description	Values	Variable(s) used for classification ¹
R5YSTNDONLY	Student Records: State need-based-only grants at primary first-year institution	Continuous (zero and positive integers)	X5PFYPELLAMT2 (Pell Grant amount received in PFYEAR) TMP_PFYINCOME2 (Family income category used for aid eligibility for PFY) TMP_STATE_REG (State/region- Institution state) I5SECTOR (Transcript: Institution sector) I5STATE2 (Transcript: Institution state)
R5YINSTNEED	Student Records: Institutional need-based grants at primary first-year institution	Continuous (zero and positive integers)	X5PFYTUITION2 (Student Records: Tuition and fees paid) R5YTFEDWRK2 (Student Records: Federal work-study) TMP_PFYINCOME2 (Family income category used for aid eligibility for PFY) X2RACE (X2 Student's race/ethnicity-composite) R5YINSMERITNOATH2 (Student Records: Institutional merit-only grants (excludes athletic scholarships)) INCPS (CPS record available)
R5YSTMERIT	Student Records: State merit-only grants at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X5PFYTUITION2 (Student Records: Tuition and fees paid) I5STATE2 (Transcript: Institution state) X3TGPATOT2 (X3 Overall GPA Computed) TMP_STATE_REG (State/region- Institution state)
R5YSTNDMRT	Student Records: State grants based on both need and merit at primary first-year institution	Continuous (zero and positive integers)	X5PFYPELLAMT2 (Pell Grant amount received in PFYEAR) I5STATE2 (Transcript: Institution state) X3TGPATOT2 (X3 Overall GPA Computed) TMP_STATE_REG (State/region- Institution state)
R5YSTNOND1	Student Records: State non-need grants at primary first-year institution	Continuous (zero and positive integers)	TMP_STATE_REG (State/region- Institution state)

See notes at end of table.

Table G-1. HSLs:09 PETS-SR follow-up imputation and classification variables—Continued

Imputation variable	Description	Values	Variable(s) used for classification¹
R5YINATHAMT	Student Records: Athletic scholarships at primary first-year institution	Continuous (zero and positive integers)	X5PFYTUITION2 (Student Records: Tuition and fees paid) TMP_LABOR_FORCE2 (Labor force status in February 2016) X2PAR2OCC2 (X2 Parent 2: current/most recent occupation: 2-digit ONET code)
R5YSTLNAMT	Student Records: State loans at primary first-year institution	Continuous (zero and positive integers)	TMP_STATE_REG (State/region- Institution state)
R5YSTWKAMT	Student Records: State work-study at primary first-year institution	Continuous (zero and positive integers)	R5YSTNDONLY2 (Student Records: State need-based only grants) TMP_STATE_REG (State/region- Institution state)
R5YINSMILAMT	Student Records: Institution military/armed forces grants at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)
R5YINSTVETAMT	Student Records: Institution veterans' education benefits at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)
R5YSTMILAMT	Student Records: State military/armed forces grants at primary first-year institution	Continuous (zero and positive integers)	TMP_STATE_REG (State/region- Institution state)
R5YSTVETAMT	Student Records: State veterans' education benefits at primary first-year institution	Continuous (zero and positive integers)	TMP_STATE_REG (State/region- Institution state)
R5YVOHELP	Student Records: Vocational rehabilitation and training at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)
R5YINSTWRK	Student Records: Institutional work-study at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)
R5YINLNAMT	Student Records: Institutional loans at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)

See notes at end of table.

Table G-1. HSLs:09 PETS-SR follow-up imputation and classification variables—Continued

Imputation variable	Description	Values	Variable(s) used for classification¹
R5YEMPLWAIV	Student Records: Institutional tuition waivers for staff at primary first-year institution	Continuous (zero and positive integers)	I5SECTOR (Transcript: Institution sector) X2SEX (X2 Student's sex) X2RACE (Student's race/ethnicity-composite)
R5YSEOGAMT	Student Records: Federal Supplemental Education Opportunity Grants at primary first-year institution	Continuous (zero and positive integers)	X5PFYPELLAMT2 (Pell Grant amount received in PFYEAR) X5PFYTUITION2 (Student Records: Tuition and fees paid) I5SECTOR (Transcript: Institution sector) R5YTFEDWRK2 (Student Records: Federal work-study) X2PAR2OCC2 (X2 Parent 2: current/most recent occupation: 2-digit ONET code) TMP_CAMPSEOG (Institution awarded SEOG in PFY)
R5YTFEDWRK	Student Records: Federal work-study at primary first-year institution	Continuous (zero and positive integers)	R5YINSTNEED2 (Student Records: Institutional need-based grants) R5YSEOGAMT2 (Student Records: Federal Supplemental Educational Opportunity Grant (SEOG)) I5SECTOR (Transcript: Institution sector) X5PFYTUITION2 (Student Records: Tuition and fees paid) TMP_CAMPFWS (Institution awarded Federal Work Study in PFY)

¹ Classification variables chosen using a recursive partitioning function in R (see section 5.7.1.1).

² Imputed version of variable—imputed previously in the process and used for classification.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSLs:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection.

Table G-2. Weighted distribution of imputed variables before and after imputation

Student questionnaire variables	Category	Before imputation		After imputation	
		Sample size ¹	Weighted estimate	Sample size ²	Weighted estimate
Student Records: State need-based-only grants (R5YSTNDONLY)	Excludes legitimate skips	8,203	430.30	8,688	425.01
Student Records: Institutional need-based grants (R5YINSTNEED)	Excludes legitimate skips	8,199	1,370.09	8,688	1,355.95
Student Records: State merit-only grants (R5YSTMERIT)	Excludes legitimate skips	8,171	235.09	8,688	232.56
Student Records: State grants based on both need and merit (R5YSTNDMRT)	Excludes legitimate skips	8,090	158.10	8,688	153.97
Student Records: State non-need grants (R5YSTNOND1)	Excludes legitimate skips	8,081	136.16	8,688	137.54
Student Records: Athletic scholarships (R5YINATHAMT)	Excludes legitimate skips	8,071	256.35	8,688	302.80
Student Records: State loans (R5YSTLNAMT)	Excludes legitimate skips	8,055	20.83	8,688	19.95
Student Records: State work-study (R5YSTWKAMT)	Excludes legitimate skips	8,055	4.80	8,688	4.98
Student Records: Institution military/armed forces grants (R5YINSMILAMT)	Excludes legitimate skips	8,054	4.09	8,688	3.83
Student Records: Institution veterans' education benefits (R5YINSTVETAMT)	Excludes legitimate skips	8,054	1.13	8,688	1.06
Student Records: State military/armed forces grants (R5YSTMILAMT)	Excludes legitimate skips	8,054	0.84	8,688	0.79
Student Records: State veterans' education benefits (R5YSTVETAMT)	Excludes legitimate skips	8,054	0.81	8,688	0.76
Student Records: Vocational rehabilitation and training (R5YVOHELP)	Excludes legitimate skips	7,979	11.54	8,688	10.83
Student Records: Institutional work-study (R5YINSTWRK)	Excludes legitimate skips	7,861	15.94	8,688	17.74
Student Records: Institutional loans (R5YINLNAMT)	Excludes legitimate skips	7,859	11.51	8,688	10.48
Student Records: Institutional tuition waivers for staff (R5YEMPLWAIV)	Excludes legitimate skips	7,853	43.22	8,688	53.48
Student Records: Federal Supplemental Education Opportunity Grants (R5YSEOGAMT)	Excludes legitimate skips	6,155	87.79	8,688	68.17
Student Records: Federal work-study (R5YTFEDWRK)	Excludes legitimate skips	5,652	248.30	8,688	220.34

¹ Unweighted sample size excludes records with item nonresponse.

² Unweighted sample size includes all records with either actual or imputed values.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Longitudinal Study of 2009 (HSL:09) Postsecondary Education Transcript Study and Student Financial Aid Records Collection.

Appendix H: ECB Variable Listing

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	W5PSTRANS	Postsecondary transcript student analytic weight	IDs and Weights	12	6	N	No
1	Student File	W5PSRECORDS	Postsecondary Student Records analytic weight	IDs and Weights	12	6	N	No
1	Student File	W5W1W2W3W4PSTRANS	Postsecondary transcript panel weight	IDs and Weights	12	6	N	No
1	Student File	W5W1W2W3W4PSRECORDS	Postsecondary Student Records panel weight	IDs and Weights	12	6	N	No
1	Student File	X5REQTRANS	Postsecondary Transcript: Total transcripts requested	PETS/SR Composites	2		N	No
1	Student File	X5RECTRANS	Postsecondary Transcript: Number of transcripts received	PETS/SR Composites	2		N	No
1	Student File	X5TRPTMS	Postsecondary Transcript: Total missing transcripts	PETS/SR Composites	2		N	No
1	Student File	X5COVERAGE	Postsecondary Transcript: Overall transcript coverage indicator	PETS/SR Composites	2		N	Yes
1	Student File	X5TRANRESP	Postsecondary Transcript: Transcript response status	PETS/SR Composites	2		N	Yes
1	Student File	X5LASTHSMY	Postsecondary Transcript: Last known date of high school attendance	PETS/SR Composites	6		N	No
1	Student File	X5DUALCRSFLG	Postsecondary Transcript: Dual enrollment indicator (based on courses)	PETS/SR Composites	2		N	Yes
1	Student File	X5DUALDTFLG	Postsecondary Transcript: Dual enrollment indicator (based on dates)	PETS/SR Composites	2		N	Yes
1	Student File	X5DUALFLG	Postsecondary Transcript: Dual enrollment indicator (based on dates and courses)	PETS/SR Composites	2		N	Yes
1	Student File	X5PS1START	Postsecondary Transcript: Date of first known postsecondary education attendance	PETS/SR Composites	6		N	No
1	Student File	X5HS2PS1	Postsecondary Transcript: Number of known months between high school exit and postsecondary entry	PETS/SR Composites	2		N	No
1	Student File	X5ENROLLST	Postsecondary Transcript: Month-by-month known enrollment indicator string (January 2011 - June 2016)	PETS/SR Composites	66		A	No
1	Student File	X5ENROLL1011	Postsecondary Transcript: Month-by-month known enrollment indicator string for portion of 2010-2011 academic year (January 2011 - June 2011)	PETS/SR Composites	6		A	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5ENROLL1112	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2011-2012 academic year (July 2011 - June 2012)	PETS/SR Composites	12		A	No
1	Student File	X5ENROLL1213	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2012-2013 academic year (July 2012 - June 2013)	PETS/SR Composites	12		A	No
1	Student File	X5ENROLL1314	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2013-2014 academic year (July 2013 - June 2014)	PETS/SR Composites	12		A	No
1	Student File	X5ENROLL1415	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2014-2015 academic year (July 2014 - June 2015)	PETS/SR Composites	12		A	No
1	Student File	X5ENROLL1516	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2015-2016 academic year (July 2015 - June 2016)	PETS/SR Composites	12		A	No
1	Student File	X5LASTENR16	Postsecondary Transcript: Known spring 2016 enrollment	PETS/SR Composites	2		N	Yes
1	Student File	X5ENRATT	Postsecondary Transcript: Combined known enrollment and attainment as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5MONENROL	Postsecondary Transcript: Total known months enrolled	PETS/SR Composites	2		N	No
1	Student File	X5STOPGT4M	Postsecondary Transcript: Count of known stopouts longer than 4 months	PETS/SR Composites	2		N	No
1	Student File	X5SCHTOTAL	Postsecondary Transcript: Total known institutions attended	PETS/SR Composites	2		N	No
1	Student File	X5PS1SLC	Postsecondary Transcript: Institutional selectivity of first known postsecondary institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PS1SEC	Postsecondary Transcript: Sector of first known postsecondary institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PS1INSTCAT2	Postsecondary Transcript: Institutional category and control of first known postsecondary institution	PETS/SR Composites	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5HIGHDEG	Postsecondary Transcript: Highest known degree obtained as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5HIGHDATE	Postsecondary Transcript: Date of highest known degree obtained as of June 2016	PETS/SR Composites	6		N	No
1	Student File	X5HIGHCIP	Postsecondary Transcript: 6-digit CIP code of highest known degree obtained as of June 2016	PETS/SR Composites	7		A	No
1	Student File	X5HIGH23MAJ	Postsecondary Transcript: 23-category major of highest known degree obtained as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5HIGH10MAJ	Postsecondary Transcript: 10-category major of highest known degree obtained as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5HIGH11MAJ	Postsecondary Transcript: 11-category major of highest known degree obtained as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5HIGHSEC	Postsecondary Transcript: Sector of institution that awarded highest known degree as of June 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5STEMCRED	Postsecondary Transcript: Any known degree received in STEM field (using the SMART grant definition of STEM)	PETS/SR Composites	2		N	Yes
1	Student File	X5CTECRED	Postsecondary Transcript: Any known degree received in CTE field	PETS/SR Composites	2		N	Yes
1	Student File	X5CERTCRED	Postsecondary Transcript: Total number of known undergraduate certificate or diplomas received	PETS/SR Composites	2		N	No
1	Student File	X5ASSOCCRED	Postsecondary Transcript: Total number of known associate degrees received	PETS/SR Composites	2		N	No
1	Student File	X5BACCRED	Postsecondary Transcript: Total number of known bachelor's degrees received	PETS/SR Composites	2		N	No
1	Student File	X5POSTATT	Postsecondary Transcript: Postsecondary career: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5POSTERN	Postsecondary Transcript: Postsecondary career: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5GPAALL	Postsecondary Transcript: GPA at all known institutions attended	PETS/SR Composites	4	1	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PSEERNAT	Postsecondary Transcript: Postsecondary career: ratio of known credits earned to known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5TOTEDATT	Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5TOTEDERN	Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5TOTEDRAT	Postsecondary Transcript: Postsecondary career (excluding dual enrollment): ratio of known earned credit to known attempted credit	PETS/SR Composites	4	2	N	No
1	Student File	X5TOTEDGPA	Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5GPAMAN	Postsecondary Transcript: GPA at institution with greatest number of known credits earned	PETS/SR Composites	4	1	N	No
1	Student File	X5GPA1STSC	Postsecondary Transcript: GPA at first known institution attended	PETS/SR Composites	4	1	N	No
1	Student File	X5GPALAST	Postsecondary Transcript: GPA at last known institution attended	PETS/SR Composites	4	1	N	No
1	Student File	X5GPACRT	Postsecondary Transcript: GPA at first known certificate institution	PETS/SR Composites	4	1	N	No
1	Student File	X5GPAASSOC	Postsecondary Transcript: GPA at first known associate degree institution	PETS/SR Composites	4	1	N	No
1	Student File	X5HSCRDERN	Postsecondary Transcript: Dual enrollment: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5YR1ATT	Postsecondary Transcript: First year enrollment: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5YR1ERN	Postsecondary Transcript: First year enrollment: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5YR1GPA	Postsecondary Transcript: First year enrollment: known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5AY1314ATT	Postsecondary Transcript: Academic year 2013-2014: known credits attempted	PETS/SR Composites	7	3	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5AY1314ERN	Postsecondary Transcript: Academic year 2013-2014: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5AY1314GPA	Postsecondary Transcript: Academic year 2013-2014: known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5AY1415ATT	Postsecondary Transcript: Academic year 2014-2015: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5AY1415ERN	Postsecondary Transcript: Academic year 2014-2015: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5AY1415GPA	Postsecondary Transcript: Academic year 2014-2015: known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5AY1516ATT	Postsecondary Transcript: Academic year 2015-2016: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5AY1516ERN	Postsecondary Transcript: Academic year 2015-2016: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5AY1516GPA	Postsecondary Transcript: Academic year 2015-2016: known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5STEM1ATT	Postsecondary Transcript: STEM (using SMART grant definition of STEM): known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5STEM1ERN	Postsecondary Transcript: STEM (using SMART grant definition of STEM): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5STEM1GPA	Postsecondary Transcript: STEM (using SMART grant definition of STEM): known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5STEM3ATT	Postsecondary Transcript: STEM (using NCES grant definition of STEM): known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5STEM3ERN	Postsecondary Transcript: STEM (using NCES grant definition of STEM): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5STEM3GPA	Postsecondary Transcript: STEM (using NCES grant definition of STEM): known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5STYR1ATT	Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known credits attempted	PETS/SR Composites	7	3	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5STYR1ERN	Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5STYR1GPA	Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5SUMATT	Postsecondary Transcript: Summer terms: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5SUMERN	Postsecondary Transcript: Summer terms: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5REMTOT	Postsecondary Transcript: Remedial courses: total known taken	PETS/SR Composites	2		N	No
1	Student File	X5REMPASS	Postsecondary Transcript: Remedial courses: number known passed	PETS/SR Composites	2		N	No
1	Student File	X5REMRAT	Postsecondary Transcript: Remedial courses: ratio of known remedial courses to all known courses	PETS/SR Composites	4	2	N	No
1	Student File	X5REMENTOT	Postsecondary Transcript: Remedial English courses: total known taken	PETS/SR Composites	2		N	No
1	Student File	X5REMENGPS	Postsecondary Transcript: Remedial English courses: number known passed	PETS/SR Composites	2		N	No
1	Student File	X5REMMTTOT	Postsecondary Transcript: Remedial mathematics courses: total known taken	PETS/SR Composites	2		N	No
1	Student File	X5REMMTHPS	Postsecondary Transcript: Remedial mathematics courses: number known passed	PETS/SR Composites	2		N	No
1	Student File	X5REMMTRAT	Postsecondary Transcript: Remedial mathematics courses: ratio of number known taken to known passed	PETS/SR Composites	4	2	N	No
1	Student File	X5REMENRAT	Postsecondary Transcript: Remedial English courses: ratio of number known taken to known passed	PETS/SR Composites	4	2	N	No
1	Student File	X5REMPSRAT	Postsecondary Transcript: Remedial courses: ratio of number known taken to known passed	PETS/SR Composites	4	2	N	No
1	Student File	X5WITHCRS	Postsecondary Transcript: Withdrawn courses: number known	PETS/SR Composites	2		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5WITHRAT	Postsecondary Transcript: Withdrawn courses: ratio of known withdrawn courses to all known courses	PETS/SR Composites	4	2	N	No
1	Student File	X5CMTHATT	Postsecondary Transcript: All college-level mathematics: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5CMTHERN	Postsecondary Transcript: All college-level mathematics: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5ASCIATT	Postsecondary Transcript: All science: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5ASCIERN	Postsecondary Transcript: All science: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5ENGRATT	Postsecondary Transcript: All engineering: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5ENGRERN	Postsecondary Transcript: All engineering: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5SSCERN	Postsecondary Transcript: All social science: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5HUMERN	Postsecondary Transcript: All humanities: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5CTEATT	Postsecondary Transcript: Career and technical education (CTE): known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5CTEERN	Postsecondary Transcript: Career and technical education (CTE): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5CTEGPA	Postsecondary Transcript: Career and technical education (CTE): known GPA	PETS/SR Composites	4	1	N	No
1	Student File	X5BUSERN	Postsecondary Transcript: Business: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5LGLERN	Postsecondary Transcript: Business and legal support: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5CSCATT	Postsecondary Transcript: Computer science: known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5CSCERN	Postsecondary Transcript: Computer science: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5CTHERN	Postsecondary Transcript: Computer support and technical: known credits earned	PETS/SR Composites	7	3	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5HLTERN	Postsecondary Transcript: Allied health: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5NRSERN	Postsecondary Transcript: Nursing: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5FLERN	Postsecondary Transcript: Foreign language: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5STATATT	Postsecondary Transcript: Statistics (all departments): known credits attempted	PETS/SR Composites	7	3	N	No
1	Student File	X5STATERN	Postsecondary Transcript: Statistics (across departments): known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5ECOERN	Postsecondary Transcript: Economics: known credits earned	PETS/SR Composites	7	3	N	No
1	Student File	X5POSTHSAY	Postsecondary Transcript: Academic year of first known postsecondary enrollment after high school completion.	PETS/SR Composites	4		N	Yes
1	Student File	X5SRRESP	Student Records: Student Record response status	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYEAR	Student Records: First academic year enrolled	PETS/SR Composites	4		N	Yes
1	Student File	X5PFYINST	Student Records: Primary institution during first year	PETS/SR Composites	6		N	No
1	Student File	X5CITIZEN	Student Records: Citizenship status	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYINSTSTAT	Student Records: Primary first year institution location (state)	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYSLC	Student Records: Institutional selectivity of primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYSEC	Student Records: Sector of primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYINSTCAT2	Student Records: Institutional category and control of primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYSAMESTAT	Student Records: Attended primary first year institution in state of legal residence	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYENRLSTAT	Student Records: Known enrollment intensity at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYDEGREE	Student Records: Degree program at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYTUITION	Student Records: Tuition and fees charged at primary first year institution	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYINJURIS	Student Records: Tuition jurisdiction at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYANYAIDREC	Student Records: Received any financial aid at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYTITIVAIDREC	Student Records: Received any federal Title IV aid at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYSTAIDREC	Student Records: Received any state aid at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYINSTAIDREC	Student Records: Received any institution aid at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYTOTAID2	Student Records: Total federal (Title IV), state, and institutional aid at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYNETPRICEALL	Student Records: Tuition and fees minus Title IV, state, and institution aid at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYNETPRICEGRT	Student Records: Tuition and fees minus Title IV, state, and institution grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYRATIOGRRTUIT	Student Records: Ratio of Federal Title IV, state, and institutional grant aid to tuition and fees at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYRATIOALLTUIT	Student Records: Ratio of federal Title IV, state, and institutional aid to student budget at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYT4GRTAMT	Student Records: Total federal Title IV grants at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYTOTLOAN3	Student Records: Total loans excluding private & PLUS loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYT4LNAMT1	Student Records: Total federal loans (excludes Parent PLUS Loans) at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYMERITAID	Student Records: Total merit-only grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYNEEDAID	Student Records: Total need-based grants at primary first year institution	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYITIVAMT	Student Records: Total federal Title IV aid at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYPERKAMT	Student Records: Perkins loans at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSTAFFAMT	NSLDS: Direct Subsidized and Unsubsidized loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTSUB	NSLDS: Direct Subsidized Loans at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSTUNS	NSLDS: Direct Unsubsidized Loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYPLUSAMT	NSLDS: Direct PLUS loans to parents at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYTFEDWRK	Student Records: Federal work-study at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYPELLAMT	NSLDS: Federal Pell Grants at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSEOGAMT	Student Records: Federal Supplemental Education Opportunity Grants at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYTEACHGRT	NSLDS: Federal TEACH grants at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYINSTAMT	Student Records: Institutional aid total at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINGRTAMT	Student Records: Institutional grants total at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSTNEED	Student Records: Institutional need-based grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSMERIT	Student Records: Institutional merit-only grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINATHAMT	Student Records: Athletic scholarships at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSTNOND1	Student Records: Institutional non-need, non-merit grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSWAIV	Student Records: Institutional tuition & fee waivers at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYEMPLWAIV	Student Records: Institutional tuition waivers for staff at primary first year institution	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYINSMILAMT	Student Records: Institution military/armed forces grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSTVETAMT	Student Records: Institution Veterans' education benefits at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYINLNAMT	Student Records: Institutional loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYINSTWRK	Student Records: Institutional work-study at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSTATEAMT	Student Records: State aid total at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTGTAMT	Student Records: State grants total at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTATNEED	Student Records: State need-based grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTNDMRT	Student Records: State grants based both on need and merit at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTNDONLY	Student Records: State need-based only grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTATNOND	Student Records: State non-need & merit grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTMERIT	Student Records: State merit-only grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTNOND1	Student Records: State non-need grants at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTMILAMT	Student Records: State military/armed forces grants at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSTVETAMT	Student Records: State Veterans' education benefits at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYSTLNAMT	Student Records: State loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYSTWKAMT	Student Records: State work-study at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYVOHELP	Student Records: Vocational rehabilitation and training at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYFEDNEED	Student Records: Federal need-based aid at primary first year institution	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYCAMPAMT	Student Records: Federal campus-based aid (Perkins, SEOG, FWS) at primary first year institution	PETS/SR Composites	4		N	No
1	Student File	X5PFYT4LNAMT2	Student Records: Total federal loans (includes Parent PLUS Loans) at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYPRIVLOAN	Student Records: Known private (alternative) loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYTOTLOAN	Student Records: Total loans (Title IV, state, institutional, and private) at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYTOTLOAN2	Student Records: Total loans (including Parent PLUS Loans & private loans) at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYTOTFEDPRIV	Student Records: Cumulative total federal and known private loans at primary first year institution	PETS/SR Composites	5		N	No
1	Student File	X5PFYPELLPACK	Student Records: Aid package with Pell Grants at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYFEDPACK	Student Records: Federal Title IV aid package by type of aid at primary first year institution	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRFEDAPP	NSLDS: Applied for federal financial aid as of June 30, 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5FEDAPP14	NSLDS: Applied for federal aid 2013-14	PETS/SR Composites	2		N	Yes
1	Student File	X5FEDAPP15	NSLDS: Applied for federal aid 2014-15	PETS/SR Composites	2		N	Yes
1	Student File	X5FEDAPP16	NSLDS: Applied for federal aid 2015-16	PETS/SR Composites	2		N	Yes
1	Student File	X5OWEAMT	NSLDS: Amount owed, principal and interest, on federal loans as of June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5PCTOWE	NSLDS: Ratio of amount owed to amount borrowed in federal loans as of June 30, 2016	PETS/SR Composites	3		N	No
1	Student File	X5REPLN	NSLDS: Federal loan repayment plan type as of June 30, 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5FEDRPY	NSLDS: Federal loan monthly payment amount as of June 30, 2016	PETS/SR Composites	3		N	No
1	Student File	X5FDLNCR	Postsecondary Transcripts: Cumulative Direct Subsidized and Unsubsidized Loans per credit earned as of June 30, 2016	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PRIVLOANCUM	Student Records: Cumulative private (alternative) loans through June 30, 2016	PETS/SR Composites	6		N	No
1	Student File	X5T4XLNCUM	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed through June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5T4XLN12	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5T4XLN13	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2012-13	PETS/SR Composites	5		N	No
1	Student File	X5T4XLN14	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2013-14	PETS/SR Composites	5		N	No
1	Student File	X5T4XLN15	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2014-15	PETS/SR Composites	5		N	No
1	Student File	X5T4XLN16	NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2015-16	PETS/SR Composites	5		N	No
1	Student File	X5STAFFAMTCUM	NSLDS: Cumulative Direct Subsidized and Unsubsidized Loans through June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5STAFFAMT12	NSLDS: Direct Subsidized and Unsubsidized Loans 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5STAFFAMT13	NSLDS: Direct Subsidized and Unsubsidized Loans 2012-13	PETS/SR Composites	5		N	No
1	Student File	X5STAFFAMT14	NSLDS: Direct Subsidized and Unsubsidized Loans 2013-14	PETS/SR Composites	5		N	No
1	Student File	X5STAFFAMT15	NSLDS: Direct Subsidized and Unsubsidized Loans 2014-15	PETS/SR Composites	5		N	No
1	Student File	X5STAFFAMT16	NSLDS: Direct Subsidized and Unsubsidized Loans 2015-16	PETS/SR Composites	5		N	No
1	Student File	X5STSUBCUM	NSLDS: Cumulative Direct Subsidized Loans through June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5STSUB12	NSLDS: Direct Subsidized Loans 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5STSUB13	NSLDS: Direct Subsidized Loans 2012-13	PETS/SR Composites	4		N	No
1	Student File	X5STSUB14	NSLDS: Direct Subsidized Loans 2013-14	PETS/SR Composites	4		N	No
1	Student File	X5STSUB15	NSLDS: Direct Subsidized Loans 2014-15	PETS/SR Composites	5		N	No
1	Student File	X5STSUB16	NSLDS: Direct Subsidized Loans 2015-16	PETS/SR Composites	5		N	No
1	Student File	X5STUNSCUM	NSLDS: Cumulative Direct Unsubsidized Loans through June 30, 2016	PETS/SR Composites	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5STUNS12	NSLDS: Direct Unsubsidized Loans 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5STUNS13	NSLDS: Direct Unsubsidized Loans 2012-13	PETS/SR Composites	4		N	No
1	Student File	X5STUNS14	NSLDS: Direct Unsubsidized Loans 2013-14	PETS/SR Composites	5		N	No
1	Student File	X5STUNS15	NSLDS: Direct Unsubsidized Loans 2014-15	PETS/SR Composites	5		N	No
1	Student File	X5STUNS16	NSLDS: Direct Unsubsidized Loans 2015-16	PETS/SR Composites	5		N	No
1	Student File	X5PLUSAMTCUM	NSLDS: Cumulative Direct PLUS Loans to parents through June 30, 2016	PETS/SR Composites	6		N	No
1	Student File	X5PLUSAMT12	NSLDS: Direct PLUS Loans to parents 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5PLUSAMT13	NSLDS: Direct PLUS Loans to parents 2012-13	PETS/SR Composites	5		N	No
1	Student File	X5PLUSAMT14	NSLDS: Direct PLUS Loans to parents 2013-14	PETS/SR Composites	5		N	No
1	Student File	X5PLUSAMT15	NSLDS: Direct PLUS Loans to parents 2014-15	PETS/SR Composites	5		N	No
1	Student File	X5PLUSAMT16	NSLDS: Direct PLUS Loans to parents 2015-16	PETS/SR Composites	5		N	No
1	Student File	X5PERKCUM	NSLDS: Cumulative amount of Perkins loans borrowed through June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5PERKAMT12	NSLDS: Perkins loans borrowed during 2011-12	PETS/SR Composites	2		N	No
1	Student File	X5PERKAMT13	NSLDS: Perkins loans borrowed during 2012-13	PETS/SR Composites	4		N	No
1	Student File	X5PERKAMT14	NSLDS: Perkins loans borrowed during 2013-14	PETS/SR Composites	4		N	No
1	Student File	X5PERKAMT15	NSLDS: Perkins loans borrowed during 2014-15	PETS/SR Composites	4		N	No
1	Student File	X5PERKAMT16	NSLDS: Perkins loans borrowed during 2015-16	PETS/SR Composites	4		N	No
1	Student File	X5PELLAMTCUM	NSLDS: Cumulative federal Pell Grants through June 30, 2016	PETS/SR Composites	5		N	No
1	Student File	X5PELLAMT12	NSLDS: Federal Pell Grants 2011-12	PETS/SR Composites	4		N	No
1	Student File	X5PELLAMT13	NSLDS: Federal Pell Grants 2012-13	PETS/SR Composites	4		N	No
1	Student File	X5PELLAMT14	NSLDS: Federal Pell Grants 2013-14	PETS/SR Composites	4		N	No
1	Student File	X5PELLAMT15	NSLDS: Federal Pell Grants 2014-15	PETS/SR Composites	4		N	No
1	Student File	X5PELLAMT16	NSLDS: Federal Pell Grants 2015-16	PETS/SR Composites	4		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5EVRDEF	NSLDS: Ever defaulted on a loan as of June 30, 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDEF12	NSLDS: Ever defaulted on a loan 2011-12	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDEF13	NSLDS: Ever defaulted on a loan 2012-13	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDEF14	NSLDS: Ever defaulted on a loan 2013-14	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDEF15	NSLDS: Ever defaulted on a loan 2014-15	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDEF16	NSLDS: Ever defaulted on a loan 2015-16	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRDFR	NSLDS: Ever had a deferment as of June 30, 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5DEFER12	NSLDS: Deferred federal loans 2011-12	PETS/SR Composites	2		N	Yes
1	Student File	X5DEFER13	NSLDS: Deferred federal loans 2012-13	PETS/SR Composites	2		N	Yes
1	Student File	X5DEFER14	NSLDS: Deferred federal loans 2013-14	PETS/SR Composites	2		N	Yes
1	Student File	X5DEFER15	NSLDS: Deferred federal loans 2014-15	PETS/SR Composites	2		N	Yes
1	Student File	X5DEFER16	NSLDS: Deferred federal loans 2015-16	PETS/SR Composites	2		N	Yes
1	Student File	X5EVRFB	NSLDS: Ever had a forbearance as of June 30, 2016	PETS/SR Composites	2		N	Yes
1	Student File	X5FORBEAR12	NSLDS: Federal loan entered forbearance 2011-12	PETS/SR Composites	2		N	Yes
1	Student File	X5FORBEAR13	NSLDS: Federal loan entered forbearance 2012-13	PETS/SR Composites	2		N	Yes
1	Student File	X5FORBEAR14	NSLDS: Federal loan entered forbearance 2013-14	PETS/SR Composites	2		N	Yes
1	Student File	X5FORBEAR15	NSLDS: Federal loan entered forbearance 2014-15	PETS/SR Composites	2		N	Yes
1	Student File	X5FORBEAR16	NSLDS: Federal loan entered forbearance 2015-16	PETS/SR Composites	2		N	Yes
1	Student File	X5PFYTFEDWRK_IM	X5 imputation flag for X5PFYTFEDWRK	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTATEAMT_IM	X5 imputation flag for X5PFYSTATEAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTATNEED_IM	X5 imputation flag for X5PFYSTATNEED	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTATNOND_IM	X5 imputation flag for X5PFYSTATNOND	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTGTAMT_IM	X5 imputation flag for X5PFYSTGTAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTMILAMT_IM	X5 imputation flag for X5PFYSTMILAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTNDMRT_IM	X5 imputation flag for X5PFYSTNDMRT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTNDONLY_IM	X5 imputation flag for X5PFYSTNDONLY	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTNOND1_IM	X5 imputation flag for X5PFYSTNOND1	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTVETAMT_IM	X5 imputation flag for X5PFYSTVETAMT	PETS/SR Imputation Variables	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYSTWKAMT_IM	X5 imputation flag for X5PFYSTWKAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTMERIT_IM	X5 imputation flag for X5PFYSTMERIT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTLNAMT_IM	X5 imputation flag for X5PFYSTLNAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYVOCHELP_IM	X5 imputation flag for X5PFYVOCHELP	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTAMT_IM	X5 imputation flag for X5PFYINSTAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINGRTAMT_IM	X5 imputation flag for X5PFYINGRTAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTNEED_IM	X5 imputation flag for X5PFYINSTNEED	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSMERIT_IM	X5 imputation flag for X5PFYINSMERIT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINATHAMT_IM	X5 imputation flag for X5PFYINATHAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTNOND1_IM	X5 imputation flag for X5PFYINSTNOND1	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYEMPLWAIV_IM	X5 imputation flag for X5PFYEMPLWAIV	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSMILAMT_IM	X5 imputation flag for X5PFYINSMILAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINLNAMT_IM	X5 imputation flag for X5PFYINLNAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSWAIV_IM	X5 imputation flag for X5PFYINSWAIV	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTWRK_IM	X5 imputation flag for X5PFYINSTWRK	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTVETAMT_IM	X5 imputation flag for X5PFYINSTVETAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYMERITCID_IM	X5 imputation flag for X5PFYMERITCID	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSEOGAMT_IM	X5 imputation flag for X5PFYSEOGAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTITIVAMT_IM	X5 imputation flag for X5PFYTITIVAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYNEEDAID_IM	X5 imputation flag for X5PFYNEEDAID	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTITIVAIDREC_IM	X5 imputation flag for X5PFYTITIVAIDREC	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYSTAIDREC_IM	X5 imputation flag for X5PFYSTAIDREC	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYINSTAIDREC_IM	X5 imputation flag for X5PFYINSTAIDREC	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYANYAIDREC_IM	X5 imputation flag for X5PFYANYAIDREC	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYCAMPAMT_IM	X5 imputation flag for X5PFYCAMPAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYFEDNEED_IM	X5 imputation flag for X5PFYFEDNEED	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYFEDPACK_IM	X5 imputation flag for X5PFYFEDPACK	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYT4GRTAMT_IM	X5 imputation flag for X5PFYT4GRTAMT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYNETPRICEALL_IM	X5 imputation flag for X5PFYNETPRICEALL	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTOTAID2_IM	X5 imputation flag for X5PFYTOTAID2	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYNETPRICEGRT_IM	X5 imputation flag for X5PFYNETPRICEGRT	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYPELLPACK_IM	X5 imputation flag for X5PFYPELLPACK	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTOTLOAN_IM	X5 imputation flag for X5PFYTOTLOAN	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTOTLOAN2_IM	X5 imputation flag for X5PFYTOTLOAN2	PETS/SR Imputation Variables	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
1	Student File	X5PFYTOTLOAN3_IM	X5 imputation flag for X5PFYTOTLOAN3	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5EVRFEDAPP_IM	X5 imputation flag for X5EVRFEDAPP	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5FEDAPP14_IM	X5 imputation flag for X5FEDAPP14	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5FEDAPP15_IM	X5 imputation flag for X5FEDAPP15	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5FEDAPP16_IM	X5 imputation flag for X5FEDAPP16	PETS/SR Imputation Variables	2		N	Yes
1	Student File	X5PFYTUITIION_IM	X5 source flag for X5PFYTUITIION	PETS/SR Imputation Variables	2		N	Yes
13	CPS 2017-18 File	STU_ID	Student ID	CPS 2017-18 Variables	5		A	No
13	CPS 2017-18 File	C18SOURCE	CPS 2017-18: Source of data record	CPS 2017-18 Variables	1		N	Yes
13	CPS 2017-18 File	C18TRNNM	CPS 2017-18: Transaction number	CPS 2017-18 Variables	2		N	No
13	CPS 2017-18 File	C18DOB	CPS 2017-18: Student's date of birth	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18DRIVST	CPS 2017-18: Student's Driver's License State Code	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18CITZN	CPS 2017-18: Student's citizenship status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18MARR	CPS 2017-18: Student's marital status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18MARDT	CPS 2017-18: Student's marital status date	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18STATE	CPS 2017-18: Student's state of legal residence	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18RES	CPS 2017-18: Student legal resident before 1- 1-2012?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18RESDT	CPS 2017-18: Student's legal residence date	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18GENDR	CPS 2017-18: Are you male or female?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PAR1ED	CPS 2017-18: Parent 1 highest grade level completed	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PAR2ED	CPS 2017-18: Parent 2 highest grade level completed	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18HSDIP	CPS 2017-18: HS diploma or Equivalent	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18HSCOD	CPS 2017-18: High School Code	CPS 2017-18 Variables	12		A	No
13	CPS 2017-18 File	C18FIRBA	CPS 2017-18: First bachelor degree by 7/1/2017?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18GRDLVL	CPS 2017-18: Grade level in college	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18DEG	CPS 2017-18: Degree/certificate	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18WRKS	CPS 2017-18: Interested in Work-Study or Student Loans?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TAX	CPS 2017-18: Student's tax return completed?	CPS 2017-18 Variables	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18TXTY	CPS 2017-18: Student's type of 2015 tax form used	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TXEZ	CPS 2017-18: Student eligible to file 1040A or 1040EZ	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TXAGI	CPS 2017-18: Student's adj gross inc on IRS form	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18TXPD	CPS 2017-18: Student's US income tax paid	CPS 2017-18 Variables	5		N	No
13	CPS 2017-18 File	C18TXCLM	CPS 2017-18: Student's exemptions claimed	CPS 2017-18 Variables	2		N	No
13	CPS 2017-18 File	C18INC	CPS 2017-18: Student's income earned from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18INCSP	CPS 2017-18: Spouse's income earned from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18CASH	CPS 2017-18: Student's cash, savings, checking	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18INVT	CPS 2017-18: Student's investment net worth	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18BUS	CPS 2017-18: Student's business and/or farm net worth	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18EDCRD	CPS 2017-18: Student's Educational Credits	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18CSUPP	CPS 2017-18: Student's Child Support Paid	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18NDEMP	CPS 2017-18: Student's Need-Based Employment	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18GRANT	CPS 2017-18: Student's Grant/Scholarship Aid	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18COMPAY	CPS 2017-18: Student's Combat Pay	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18COOP	CPS 2017-18: Student's Co-op Pay	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PENS	CPS 2017-18: Student's Pension Payments	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18IRA	CPS 2017-18: Student's IRA Payments	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18CSUPR	CPS 2017-18: Student's Child Support Received	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18INCINT	CPS 2017-18: Student's Interest Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18IRADIS	CPS 2017-18: Student's IRA Distributions	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18UPEN	CPS 2017-18: Student's Untaxed Pensions	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18MILIT	CPS 2017-18: Student's Military/Clergy Allowances	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18VETBE	CPS 2017-18: Student's Veterans Noneducation Benefits	CPS 2017-18 Variables	7		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18INCOTH	CPS 2017-18: Student's Other Untaxed Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18ONREP	CPS 2017-18: Student's Other Non-Reported Money	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18BORN	CPS 2017-18: Born before 1/1/1994?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18MAR	CPS 2017-18: Is student married?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18MSDOC	CPS 2017-18: Working on a Master's or Doctorate Program?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ACTDUTY	CPS 2017-18: Are you on active duty in U.S Armed Forces?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18VET	CPS 2017-18: Veteran of US armed forces?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18DEPS	CPS 2017-18: Have children you support?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18DEPO	CPS 2017-18: Have legal dep other than child/spouse?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ORPH	CPS 2017-18: Orphan, Ward of Court, or Foster Care	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18MINOR	CPS 2017-18: As of today, an emancipated minor?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18GUARD	CPS 2017-18: As of today, in legal guardianship?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCHLIA	CPS 2017-18: Unaccompanied youth determ by school liaison?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18HUD	CPS 2017-18: Unaccompanied youth determined by HUD?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18HOMELS	CPS 2017-18: At risk of homelessness?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PARST	CPS 2017-18: Parents' marital status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PMARDT	CPS 2017-18: Parents' marital status date	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18DOBP1	CPS 2017-18: Parent 1 Date of Birth	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18DOBP2	CPS 2017-18: Parent 2 Date of Birth	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18PSTATE	CPS 2017-18: Parents' state of legal residence	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PRES	CPS 2017-18: Parents' legal residents before 1-1-2012?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PLEGDT	CPS 2017-18: Parents' legal residence date	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18PFAMNM	CPS 2017-18: Parents' number of family members	CPS 2017-18 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18PCOLNM	CPS 2017-18: Parents' number in college	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PSSINC	CPS 2017-18: Parents' Supplemental Security Income Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PFOOD	CPS 2017-18: Parents' Food Stamp Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PFREE	CPS 2017-18: Parents' Free or Reduced Price School Lunch Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTANF	CPS 2017-18: Parents' TANF Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PWIC	CPS 2017-18: Parents' WIC Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTAX	CPS 2017-18: Parents' tax return completed?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTXTY	CPS 2017-18: Parents' type of 2015 tax form used	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTXEZ	CPS 2017-18: Parents' eligible to file 1040A or 1040EZ	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PDISLW	CPS 2017-18: Parent dislocated worker	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTXAGI	CPS 2017-18: Parents' adjusted gross income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PTXPD	CPS 2017-18: Parents' US income tax paid	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PTXCLM	CPS 2017-18: Parents' exemptions claimed	CPS 2017-18 Variables	2		N	No
13	CPS 2017-18 File	C18PAR1INC	CPS 2017-18: Parent 1 income earned from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PAR2INC	CPS 2017-18: Parent 2 income earned from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PCASH	CPS 2017-18: Parents' cash, savings, checking	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PINVT	CPS 2017-18: Parents' investment net worth	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PBUS	CPS 2017-18: Parents' business and/or farm net worth	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PEDCRD	CPS 2017-18: Parents' Educational Credits	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PCSUPP	CPS 2017-18: Parents' Child Support Paid	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PNDEMP	CPS 2017-18: Parents' Need-Based Employment	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PGRANT	CPS 2017-18: Parents' Grant/Scholarship Aid	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PCOMPAY	CPS 2017-18: Parents' Combat Pay	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PCOOP	CPS 2017-18: Parents' Co-op Pay	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PPENS	CPS 2017-18: Parents' Pension Payments	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PIRA	CPS 2017-18: Parents' IRA Payments	CPS 2017-18 Variables	7		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18PCSUPR	CPS 2017-18: Parents' Child Support Received	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PINCINT	CPS 2017-18: Parents' Interest Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PIRADIS	CPS 2017-18: Parents' IRA Distributions	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PUPEN	CPS 2017-18: Parents' Untaxed Pensions	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PMILIT	CPS 2017-18: Parents' Military/Clergy Allowances	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PVETBE	CPS 2017-18: Parents' Veterans Noneducation Benefits	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PINCOTH	CPS 2017-18: Parents' Other Untaxed Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18FAMNM	CPS 2017-18: Student's number of family members	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18COLNM	CPS 2017-18: Student's number in college	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SSINC	CPS 2017-18: Student Supplemental Security Income Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18FOOD	CPS 2017-18: Student Food Stamp Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18FREE	CPS 2017-18: Student Free or Reduced Price School Lunch Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TANF	CPS 2017-18: Student TANF Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18WIC	CPS 2017-18: Student WIC Benefits	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18DISLW	CPS 2017-18: Student/Spouse Dislocated Worker	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH01	CPS 2017-18: Federal School code #1	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN01	CPS 2017-18: Federal School code #1 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH02	CPS 2017-18: Federal School code #2	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN02	CPS 2017-18: Federal School Code #2 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH03	CPS 2017-18: Federal School code #3	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN03	CPS 2017-18: Federal School Code #3 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH04	CPS 2017-18: Federal School code #4	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN04	CPS 2017-18: Federal School Code #4 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH05	CPS 2017-18: Federal School code #5	CPS 2017-18 Variables	6		A	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18HPLN05	CPS 2017-18: Federal School Code #5 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH06	CPS 2017-18: Federal School code #6	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN06	CPS 2017-18: Federal School Code #6 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH07	CPS 2017-18: Federal School code #7	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN07	CPS 2017-18: Federal School Code #7 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH08	CPS 2017-18: Federal School code #8	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN08	CPS 2017-18: Federal School Code #8 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH09	CPS 2017-18: Federal School code #9	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN09	CPS 2017-18: Federal School Code #9 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SCH10	CPS 2017-18: Federal School code #10	CPS 2017-18 Variables	6		A	No
13	CPS 2017-18 File	C18HPLN10	CPS 2017-18: Federal School Code #10 Housing Plans	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18APPDT	CPS 2017-18: Date application completed	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18DEPOV	CPS 2017-18: Dependency override indicator	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18DEPEN	CPS 2017-18: Dependency status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TRNSRC	CPS 2017-18: Transaction Data Source/Type Code	CPS 2017-18 Variables	2		A	Yes
13	CPS 2017-18 File	C18IRS	CPS 2017-18: Student IRS Request Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PIRS	CPS 2017-18: Parent IRS Request Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PATE	CPS 2017-18: Parent Asset Threshold Exceeded	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SATE	CPS 2017-18: Student Asset Threshold Exceeded	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18JUDG	CPS 2017-18: Professional judgment	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18IRSAGI	CPS 2017-18: IRS Student AGI Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18IRSFIT	CPS 2017-18: IRS Student Federal Income Tax (FIT) Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PIRSAGI	CPS 2017-18: IRS Parent AGI Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PIRSFIT	CPS 2017-18: IRS Parent FIT Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18APPSRC	CPS 2017-18: Application data source/type code	CPS 2017-18 Variables	2		A	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18APPDTR	CPS 2017-18: Application receipt date	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18GRAD	CPS 2017-18: Graduate flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PELL	CPS 2017-18: Pell grant eligibility flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TRNDT	CPS 2017-18: Transaction Processed Date	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18EFCZR	CPS 2017-18: Automatic zero EFC	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SNT	CPS 2017-18: Simplified needs test (SNT)	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18PTXSTA	CPS 2017-18: Parents' calculated 2015 tax status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18STXSTA	CPS 2017-18: Student's calculated 2015 tax status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18HSFLG	CPS 2017-18: High School Flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ACITZN	CPS 2017-18: Assumed citizenship	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18AMARR	CPS 2017-18: Assumed student's marital status	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18AAGI	CPS 2017-18: Assumed student's AGI	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18ATXPD	CPS 2017-18: Assumed student's US tax paid	CPS 2017-18 Variables	5		N	No
13	CPS 2017-18 File	C18AINC	CPS 2017-18: Assumed student's income from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18AINCSP	CPS 2017-18: Assumed spouse's income from work	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18AADFIN	CPS 2017-18: Assumed Student's additional financial information total	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18ABORN	CPS 2017-18: Assumed date of birth prior	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18AMAR	CPS 2017-18: Assumed is student married/remarried?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ADEPS	CPS 2017-18: Assumed have children you support?	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ADEPO	CPS 2017-18: Assumed have legal dep oth than child/sp	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18AFAMNM	CPS 2017-18: Assumed student's number in family	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ACOLNM	CPS 2017-18: Assumed student's number in college	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ASCH	CPS 2017-18: Assumed homeless youth-school determined	CPS 2017-18 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18AHUD	CPS 2017-18: Assumed homeless youth-HUD program determined	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18AHOMELS	CPS 2017-18: Assumed at risk of homelessness	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18ASATE	CPS 2017-18: Assumed Student Asset Threshold Exceeded	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18APATE	CPS 2017-18: Assumed Parent Asset Threshold Exceeded	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18EFCP	CPS 2017-18: Primary EFC	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18EFCS	CPS 2017-18: Secondary EFC	CPS 2017-18 Variables	6		N	No
13	CPS 2017-18 File	C18EFCPT	CPS 2017-18: Primary EFC type	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18EFCST	CPS 2017-18: Secondary EFC type	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18TI	CPS 2017-18: TI: Total Income	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18ATI	CPS 2017-18: ATI: Allowances Against Total Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18STX	CPS 2017-18: STX: State Tax Allowance	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18EA	CPS 2017-18: EA: Employment Allowance	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18IPA	CPS 2017-18: IPA: Income Protection Allowance	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18AI	CPS 2017-18: AI: Available Income	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18CAI	CPS 2017-18: CAI: Contribution from available income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18DNW	CPS 2017-18: DNW: Discretionary Net Worth	CPS 2017-18 Variables	9		N	No
13	CPS 2017-18 File	C18NW	CPS 2017-18: NW: Net Worth	CPS 2017-18 Variables	9		N	No
13	CPS 2017-18 File	C18APA	CPS 2017-18: APA: Asset Protection Allowance	CPS 2017-18 Variables	9		N	No
13	CPS 2017-18 File	C18PCA	CPS 2017-18: PCA: Parents' Contribution from Assets	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18AAI	CPS 2017-18: AAI: Adjusted Available Income	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18TSC	CPS 2017-18: TSC: Total Student's Contribution	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18TPC	CPS 2017-18: TPC: Total Parents' Contribution	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18PC	CPS 2017-18: PC: Parents' Contribution	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18STI	CPS 2017-18: STI: Student's Total Income	CPS 2017-18 Variables	8		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
13	CPS 2017-18 File	C18SATI	CPS 2017-18: SATI: Student's Allowance Against Total Income	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18SIC	CPS 2017-18: SIC: Dependent Student's Inc Contribution	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18SDNW	CPS 2017-18: SDNW: Student's Discretionary Net Worth	CPS 2017-18 Variables	9		N	No
13	CPS 2017-18 File	C18SCA	CPS 2017-18: SCA: Student's Contribution from Assets	CPS 2017-18 Variables	7		N	No
13	CPS 2017-18 File	C18FTI	CPS 2017-18: FTI: FISAP total income	CPS 2017-18 Variables	8		N	No
13	CPS 2017-18 File	C18NSLDS	CPS 2017-18: NSLDS match flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18SSACIT	CPS 2017-18: SSA citizenship flag	CPS 2017-18 Variables	2		N	Yes
13	CPS 2017-18 File	C18VA	CPS 2017-18: VA match flag	CPS 2017-18 Variables	2		N	Yes
14	CPS 2018-19 File	STU_ID	Student ID	CPS 2018-19 Variables	5		A	No
14	CPS 2018-19 File	C19SOURCE	CPS 2018-19: Source of data record	CPS 2018-19 Variables	1		N	Yes
14	CPS 2018-19 File	C19TRNNM	CPS 2018-19: Transaction number	CPS 2018-19 Variables	2		N	No
14	CPS 2018-19 File	C19DOB	CPS 2018-19: Student's date of birth	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19DRIVST	CPS 2018-19: Student's Driver's License State Code	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19CITZN	CPS 2018-19: Student's citizenship status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19MARR	CPS 2018-19: Student's marital status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19MARDT	CPS 2018-19: Student's marital status date	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19STATE	CPS 2018-19: Student's state of legal residence	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19RES	CPS 2018-19: Student legal resident before 1-1-2013?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19RESDT	CPS 2018-19: Student's legal residence date	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19GENDR	CPS 2018-19: Are you male or female?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PAR1ED	CPS 2018-19: Parent 1 highest grade level completed	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PAR2ED	CPS 2018-19: Parent 2 highest grade level completed	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19HSDIP	CPS 2018-19: HS diploma or Equivalent	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19HSCOD	CPS 2018-19: High School Code	CPS 2018-19 Variables	12		A	No
14	CPS 2018-19 File	C19FIRBA	CPS 2018-19: First bachelor degree by 7/1/2018?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19GRDLVL	CPS 2018-19: Grade level in college	CPS 2018-19 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19DEG	CPS 2018-19: Degree/certificate	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19WRKS	CPS 2018-19: Interested in Work-Study or Student Loans?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TAX	CPS 2018-19: Student's tax return completed?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TXY	CPS 2018-19: Student's type of 2016 tax form used	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TXEZ	CPS 2018-19: Student eligible to file 1040A or 1040EZ	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TXAGI	CPS 2018-19: Student's adj gross inc on IRS form	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19TXPD	CPS 2018-19: Student's US income tax paid	CPS 2018-19 Variables	5		N	No
14	CPS 2018-19 File	C19TXCLM	CPS 2018-19: Student's exemptions claimed	CPS 2018-19 Variables	2		N	No
14	CPS 2018-19 File	C19INC	CPS 2018-19: Student's income earned from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19INCSP	CPS 2018-19: Spouse's income earned from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19CASH	CPS 2018-19: Student's cash, savings, checking	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19INVT	CPS 2018-19: Student's investment net worth	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19BUS	CPS 2018-19: Student's business and/or farm net worth	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19EDCRD	CPS 2018-19: Student's Educational Credits	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19CSUPP	CPS 2018-19: Student's Child Support Paid	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19NDEMP	CPS 2018-19: Student's Need-Based Employment	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19GRANT	CPS 2018-19: Student's Grant/Scholarship Aid	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19COMPAY	CPS 2018-19: Student's Combat Pay	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19COOP	CPS 2018-19: Student's Co-op Pay	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PENS	CPS 2018-19: Student's Pension Payments	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19IRA	CPS 2018-19: Student's IRA Payments	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19CSUPR	CPS 2018-19: Student's Child Support Received	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19INCINT	CPS 2018-19: Student's Interest Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19RADIS	CPS 2018-19: Student's IRA Distributions	CPS 2018-19 Variables	7		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19UPEN	CPS 2018-19: Student's Untaxed Pensions	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19MILIT	CPS 2018-19: Student's Military/Clergy Allowances	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19VETBE	CPS 2018-19: Student's Veterans Noneducation Benefits	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19INCOTH	CPS 2018-19: Student's Other Untaxed Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19ONREP	CPS 2018-19: Student's Other Non-Reported Money	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19BORN	CPS 2018-19: Born before 1/1/1995?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19MAR	CPS 2018-19: Is student married?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19MSDOC	CPS 2018-19: Working on a Master's or Doctorate Program?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ACTDUTY	CPS 2018-19: Are you on active duty in U.S Armed Forces?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19VET	CPS 2018-19: Veteran of US armed forces?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19DEPS	CPS 2018-19: Have children you support?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19DEPO	CPS 2018-19: Have legal dep other than child/spouse?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ORPH	CPS 2018-19: Orphan, Ward of Court, or Foster Care	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19MINOR	CPS 2018-19: As of today, an emancipated minor?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19GUARD	CPS 2018-19: As of today, in legal guardianship?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCHLIA	CPS 2018-19: Unaccompanied youth determ by school liaison?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19HUD	CPS 2018-19: Unaccompanied youth determined by HUD?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19HOMELS	CPS 2018-19: At risk of homelessness?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PARST	CPS 2018-19: Parents' marital status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PMARDT	CPS 2018-19: Parents' marital status date	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19DOBP1	CPS 2018-19: Parent 1 Date of Birth	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19DOBP2	CPS 2018-19: Parent 2 Date of Birth	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19PSTATE	CPS 2018-19: Parents' state of legal residence	CPS 2018-19 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19PRES	CPS 2018-19: Parents' legal residents before 1-1-2013?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PLEGDT	CPS 2018-19: Parents' legal residence date	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19PFAMNM	CPS 2018-19: Parents' number of family members	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PCOLNM	CPS 2018-19: Parents' number in college	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PSSINC	CPS 2018-19: Parents' Supplemental Security Income Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PFOOD	CPS 2018-19: Parents' Food Stamp Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PFREE	CPS 2018-19: Parents' Free or Reduced Price School Lunch Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTANF	CPS 2018-19: Parents' TANF Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PWIC	CPS 2018-19: Parents' WIC Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTAX	CPS 2018-19: Parents' tax return completed?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTXTY	CPS 2018-19: Parents' type of 2016 tax form used	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTXEZ	CPS 2018-19: Parents' eligible to file 1040A or 1040EZ	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PDISLW	CPS 2018-19: Parent dislocated worker	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTXAGI	CPS 2018-19: Parents' adjusted gross income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PTXPD	CPS 2018-19: Parents' US income tax paid	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PTXCLM	CPS 2018-19: Parents' exemptions claimed	CPS 2018-19 Variables	2		N	No
14	CPS 2018-19 File	C19PAR1INC	CPS 2018-19: Parent 1 income earned from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PAR2INC	CPS 2018-19: Parent 2 income earned from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PCASH	CPS 2018-19: Parents' cash, savings, checking	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PINVT	CPS 2018-19: Parents' investment net worth	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PBUS	CPS 2018-19: Parents' business and/or farm net worth	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PEDCRD	CPS 2018-19: Parents' Educational Credits	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PCSUPP	CPS 2018-19: Parents' Child Support Paid	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PNDEMP	CPS 2018-19: Parents' Need-Based Employment	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PGRANT	CPS 2018-19: Parents' Grant/Scholarship Aid	CPS 2018-19 Variables	7		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19PCOMPAY	CPS 2018-19: Parents' Combat Pay	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PCOOP	CPS 2018-19: Parents' Co-op Pay	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PPENS	CPS 2018-19: Parents' Pension Payments	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PIRA	CPS 2018-19: Parents' IRA Payments	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PCSUPR	CPS 2018-19: Parents' Child Support Received	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PINCINT	CPS 2018-19: Parents' Interest Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PIRADIS	CPS 2018-19: Parents' IRA Distributions	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PUPEN	CPS 2018-19: Parents' Untaxed Pensions	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PMILIT	CPS 2018-19: Parents' Military/Clergy Allowances	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PVETBE	CPS 2018-19: Parents' Veterans Noneducation Benefits	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PINCOTH	CPS 2018-19: Parents' Other Untaxed Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19FAMNM	CPS 2018-19: Student's number of family members	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19COLNM	CPS 2018-19: Student's number in college	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SSINC	CPS 2018-19: Student Supplemental Security Income Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19FOOD	CPS 2018-19: Student Food Stamp Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19FREE	CPS 2018-19: Student Free or Reduced Price School Lunch Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TANF	CPS 2018-19: Student TANF Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19WIC	CPS 2018-19: Student WIC Benefits	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19DISLW	CPS 2018-19: Student/Spouse Dislocated Worker	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH01	CPS 2018-19: Federal School code #1	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN01	CPS 2018-19: Federal School code #1 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH02	CPS 2018-19: Federal School code #2	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN02	CPS 2018-19: Federal School Code #2 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH03	CPS 2018-19: Federal School code #3	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN03	CPS 2018-19: Federal School Code #3 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH04	CPS 2018-19: Federal School code #4	CPS 2018-19 Variables	6		A	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19HPLN04	CPS 2018-19: Federal School Code #4 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH05	CPS 2018-19: Federal School code #5	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN05	CPS 2018-19: Federal School Code #5 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH06	CPS 2018-19: Federal School code #6	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN06	CPS 2018-19: Federal School Code #6 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH07	CPS 2018-19: Federal School code #7	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN07	CPS 2018-19: Federal School Code #7 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH08	CPS 2018-19: Federal School code #8	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN08	CPS 2018-19: Federal School Code #8 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH09	CPS 2018-19: Federal School code #9	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN09	CPS 2018-19: Federal School Code #9 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SCH10	CPS 2018-19: Federal School code #10	CPS 2018-19 Variables	6		A	No
14	CPS 2018-19 File	C19HPLN10	CPS 2018-19: Federal School Code #10 Housing Plans	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19APPDT	CPS 2018-19: Date application completed	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19DEPOV	CPS 2018-19: Dependency override indicator	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19DEPEN	CPS 2018-19: Dependency status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TRNSRC	CPS 2018-19: Transaction Data Source/Type Code	CPS 2018-19 Variables	2		A	Yes
14	CPS 2018-19 File	C19IRS	CPS 2018-19: Student IRS Request Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PIRS	CPS 2018-19: Parent IRS Request Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PATE	CPS 2018-19: Parent Asset Threshold Exceeded	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SATE	CPS 2018-19: Student Asset Threshold Exceeded	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19JUDG	CPS 2018-19: Professional judgment	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19IRSAGI	CPS 2018-19: IRS Student AGI Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19IRSFIT	CPS 2018-19: IRS Student Federal Income Tax (FIT) Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PIRSAGI	CPS 2018-19: IRS Parent AGI Flag	CPS 2018-19 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19PIRSFIT	CPS 2018-19: IRS Parent FIT Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19APPSRC	CPS 2018-19: Application data source/type code	CPS 2018-19 Variables	2		A	Yes
14	CPS 2018-19 File	C19APPDTR	CPS 2018-19: Application receipt date	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19GRAD	CPS 2018-19: Graduate flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PELL	CPS 2018-19: Pell grant eligibility flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TRNDT	CPS 2018-19: Transaction Processed Date	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19EFCZR	CPS 2018-19: Automatic zero EFC	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SNT	CPS 2018-19: Simplified needs test (SNT)	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19PTXSTA	CPS 2018-19: Parents' calculated 2016 tax status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19STXSTA	CPS 2018-19: Student's calculated 2016 tax status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19HSFLG	CPS 2018-19: High School Flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ACITZN	CPS 2018-19: Assumed citizenship	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AMARR	CPS 2018-19: Assumed student's marital status	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AAGI	CPS 2018-19: Assumed student's AGI	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19ATXPD	CPS 2018-19: Assumed student's US tax paid	CPS 2018-19 Variables	5		N	No
14	CPS 2018-19 File	C19AINC	CPS 2018-19: Assumed student's income from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19AINCSP	CPS 2018-19: Assumed spouse's income from work	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19AADFIN	CPS 2018-19: Assumed Student's additional financial information total	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19ABORN	CPS 2018-19: Assumed date of birth prior	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AMAR	CPS 2018-19: Assumed is student married/remarried?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ADEPS	CPS 2018-19: Assumed have children you support?	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ADEPO	CPS 2018-19: Assumed have legal dep oth than child/sp	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AFAMNM	CPS 2018-19: Assumed student's number in family	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ACOLNM	CPS 2018-19: Assumed student's number in college	CPS 2018-19 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19ASCH	CPS 2018-19: Assumed homeless youth-school determined	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AHUD	CPS 2018-19: Assumed homeless youth-HUD program determined	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19AHOMELS	CPS 2018-19: Assumed at risk of homelessness	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19ASATE	CPS 2018-19: Assumed Student Asset Threshold Exceeded	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19APATE	CPS 2018-19: Assumed Parent Asset Threshold Exceeded	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19EFCP	CPS 2018-19: Primary EFC	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19EFCS	CPS 2018-19: Secondary EFC	CPS 2018-19 Variables	6		N	No
14	CPS 2018-19 File	C19EFCPT	CPS 2018-19: Primary EFC type	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19EFCST	CPS 2018-19: Secondary EFC type	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19TI	CPS 2018-19: TI: Total Income	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19ATI	CPS 2018-19: ATI: Allowances Against Total Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19STX	CPS 2018-19: STX: State Tax Allowance	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19EA	CPS 2018-19: EA: Employment Allowance	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19IPA	CPS 2018-19: IPA: Income Protection Allowance	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19AI	CPS 2018-19: AI: Available Income	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19CAI	CPS 2018-19: CAI: Contribution from available income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19DNW	CPS 2018-19: DNW: Discretionary Net Worth	CPS 2018-19 Variables	9		N	No
14	CPS 2018-19 File	C19NW	CPS 2018-19: NW: Net Worth	CPS 2018-19 Variables	9		N	No
14	CPS 2018-19 File	C19APA	CPS 2018-19: APA: Asset Protection Allowance	CPS 2018-19 Variables	9		N	No
14	CPS 2018-19 File	C19PCA	CPS 2018-19: PCA: Parents' Contribution from Assets	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19AAI	CPS 2018-19: AAI: Adjusted Available Income	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19TSC	CPS 2018-19: TSC: Total Student's Contribution	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19TPC	CPS 2018-19: TPC: Total Parents' Contribution	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19PC	CPS 2018-19: PC: Parents' Contribution	CPS 2018-19 Variables	7		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
14	CPS 2018-19 File	C19STI	CPS 2018-19: STI: Student's Total Income	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19SATI	CPS 2018-19: SATI: Student's Allowance Against Total Income	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19SIC	CPS 2018-19: SIC: Dependent Student's Inc Contribution	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19SDNW	CPS 2018-19: SDNW: Student's Discretionary Net Worth	CPS 2018-19 Variables	9		N	No
14	CPS 2018-19 File	C19SCA	CPS 2018-19: SCA: Student's Contribution from Assets	CPS 2018-19 Variables	7		N	No
14	CPS 2018-19 File	C19FTI	CPS 2018-19: FTI: FISAP total income	CPS 2018-19 Variables	8		N	No
14	CPS 2018-19 File	C19NSLDS	CPS 2018-19: NSLDS match flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19SSACIT	CPS 2018-19: SSA citizenship flag	CPS 2018-19 Variables	2		N	Yes
14	CPS 2018-19 File	C19VA	CPS 2018-19: VA match flag	CPS 2018-19 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	STU_ID	Student ID	CPS 2019-20 Variables	5		A	No
15	CPS 2019-20 Preliminary File	C20SOURCE	CPS 2019-20: Source of data record	CPS 2019-20 Variables	1		N	Yes
15	CPS 2019-20 Preliminary File	C20TRNNM	CPS 2019-20: Transaction number	CPS 2019-20 Variables	2		N	No
15	CPS 2019-20 Preliminary File	C20DOB	CPS 2019-20: Student's date of birth	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20DRIVST	CPS 2019-20: Student's Driver's License State Code	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20CITZN	CPS 2019-20: Student's citizenship status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20MARR	CPS 2019-20: Student's marital status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20MARDT	CPS 2019-20: Student's marital status date	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20STATE	CPS 2019-20: Student's state of legal residence	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20RES	CPS 2019-20: Student legal resident before 1- 1-2013?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20RESDT	CPS 2019-20: Student's legal residence date	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20GENDR	CPS 2019-20: Are you male or female?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PAR1ED	CPS 2019-20: Parent 1 highest grade level completed	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PAR2ED	CPS 2019-20: Parent 2 highest grade level completed	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20HSDIP	CPS 2019-20: HS diploma or Equivalent	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20HSCOD	CPS 2019-20: High School Code	CPS 2019-20 Variables	12		A	No
15	CPS 2019-20 Preliminary File	C20FIRBA	CPS 2019-20: First bachelor degree by 7/1/2019?	CPS 2019-20 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20GRDLVL	CPS 2019-20: Grade level in college	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20DEG	CPS 2019-20: Degree/certificate	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20WRKS	CPS 2019-20: Interested in Work-Study or Student Loans?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TAX	CPS 2019-20: Student's tax return completed?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TXY	CPS 2019-20: Student's type of 2017 tax form used	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TXEZ	CPS 2019-20: Student eligible to file 1040A or 1040EZ	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TXAGI	CPS 2019-20: Student's adj gross inc on IRS form	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20TXPD	CPS 2019-20: Student's US income tax paid	CPS 2019-20 Variables	5		N	No
15	CPS 2019-20 Preliminary File	C20TXCLM	CPS 2019-20: Student's exemptions claimed	CPS 2019-20 Variables	2		N	No
15	CPS 2019-20 Preliminary File	C20INC	CPS 2019-20: Student's income earned from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20INCSP	CPS 2019-20: Spouse's income earned from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20CASH	CPS 2019-20: Student's cash, savings, checking	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20INVT	CPS 2019-20: Student's investment net worth	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20BUS	CPS 2019-20: Student's business and/or farm net worth	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20EDCRD	CPS 2019-20: Student's Educational Credits	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20CSUPP	CPS 2019-20: Student's Child Support Paid	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20NDEMP	CPS 2019-20: Student's Need-Based Employment	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20GRANT	CPS 2019-20: Student's Grant/Scholarship Aid	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20COMPAY	CPS 2019-20: Student's Combat Pay	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20COOP	CPS 2019-20: Student's Co-op Pay	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PENS	CPS 2019-20: Student's Pension Payments	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20IRA	CPS 2019-20: Student's IRA Payments	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20CSUPR	CPS 2019-20: Student's Child Support Received	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20INCINT	CPS 2019-20: Student's Interest Income	CPS 2019-20 Variables	7		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20IRADIS	CPS 2019-20: Student's IRA Distributions	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20UPEN	CPS 2019-20: Student's Untaxed Pensions	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20MILIT	CPS 2019-20: Student's Military/Clergy Allowances	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20VETBE	CPS 2019-20: Student's Veterans Noneducation Benefits	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20INCOTH	CPS 2019-20: Student's Other Untaxed Income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20ONREP	CPS 2019-20: Student's Other Non-Reported Money	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20BORN	CPS 2019-20: Born before 1/1/1996?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20MAR	CPS 2019-20: Is student married?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20MSDOC	CPS 2019-20: Working on a Master's or Doctorate Program?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ACTDUTY	CPS 2019-20: Are you on active duty in U.S Armed Forces?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20VET	CPS 2019-20: Veteran of US armed forces?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20DEPS	CPS 2019-20: Have children you support?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20DEPO	CPS 2019-20: Have legal dep other than child/spouse?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ORPH	CPS 2019-20: Orphan, Ward of Court, or Foster Care	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20MINOR	CPS 2019-20: As of today, an emancipated minor?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20GUARD	CPS 2019-20: As of today, in legal guardianship?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCHLIA	CPS 2019-20: Unaccompanied youth determ by school liaison?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20HUD	CPS 2019-20: Unaccompanied youth determined by HUD?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20HOMELS	CPS 2019-20: At risk of homelessness?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PARST	CPS 2019-20: Parents' marital status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PMARDT	CPS 2019-20: Parents' marital status date	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20DOBP1	CPS 2019-20: Parent 1 Date of Birth	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20DOBP2	CPS 2019-20: Parent 2 Date of Birth	CPS 2019-20 Variables	6		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20PSTATE	CPS 2019-20: Parents' state of legal residence	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PRES	CPS 2019-20: Parents' legal residents before 1-1-2014?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PLEGDT	CPS 2019-20: Parents' legal residence date	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20PFAMNM	CPS 2019-20: Parents' number of family members	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PCOLNM	CPS 2019-20: Parents' number in college	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PSSINC	CPS 2019-20: Parents' Supplemental Security Income Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PFOOD	CPS 2019-20: Parents' Food Stamp Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PFREE	CPS 2019-20: Parents' Free or Reduced Price School Lunch Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTANF	CPS 2019-20: Parents' TANF Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PWIC	CPS 2019-20: Parents' WIC Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTAX	CPS 2019-20: Parents' tax return completed?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTXTY	CPS 2019-20: Parents' type of 2017 tax form used	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTXEZ	CPS 2019-20: Parents' eligible to file 1040A or 1040EZ	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PDISLW	CPS 2019-20: Parent dislocated worker	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTXAGI	CPS 2019-20: Parents' adjusted gross income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PTXPD	CPS 2019-20: Parents' US income tax paid	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PTXCLM	CPS 2019-20: Parents' exemptions claimed	CPS 2019-20 Variables	2		N	No
15	CPS 2019-20 Preliminary File	C20PAR1INC	CPS 2019-20: Parent 1 income earned from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PAR2INC	CPS 2019-20: Parent 2 income earned from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PCASH	CPS 2019-20: Parents' cash, savings, checking	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PINVT	CPS 2019-20: Parents' investment net worth	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PBUS	CPS 2019-20: Parents' business and/or farm net worth	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PEDCRD	CPS 2019-20: Parents' Educational Credits	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PCSUPP	CPS 2019-20: Parents' Child Support Paid	CPS 2019-20 Variables	7		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20PNDEMP	CPS 2019-20: Parents' Need-Based Employment	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PGRANT	CPS 2019-20: Parents' Grant/Scholarship Aid	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PCOMPAY	CPS 2019-20: Parents' Combat Pay	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PCOOP	CPS 2019-20: Parents' Co-op Pay	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PPENS	CPS 2019-20: Parents' Pension Payments	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PIRA	CPS 2019-20: Parents' IRA Payments	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PCSUPR	CPS 2019-20: Parents' Child Support Received	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PINCINT	CPS 2019-20: Parents' Interest Income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PIRADIS	CPS 2019-20: Parents' IRA Distributions	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PUPEN	CPS 2019-20: Parents' Untaxed Pensions	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PMILIT	CPS 2019-20: Parents' Military/Clergy Allowances	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PVETBE	CPS 2019-20: Parents' Veterans Noneducation Benefits	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PINCOTH	CPS 2019-20: Parents' Other Untaxed Income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20FAMNM	CPS 2019-20: Student's number of family members	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20COLNM	CPS 2019-20: Student's number in college	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SSINC	CPS 2019-20: Student Supplemental Security Income Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20FOOD	CPS 2019-20: Student Food Stamp Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20FREE	CPS 2019-20: Student Free or Reduced Price School Lunch Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TANF	CPS 2019-20: Student TANF Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20WIC	CPS 2019-20: Student WIC Benefits	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20DISLW	CPS 2019-20: Student/Spouse Dislocated Worker	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH01	CPS 2019-20: Federal School code #1	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN01	CPS 2019-20: Federal School code #1 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH02	CPS 2019-20: Federal School code #2	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN02	CPS 2019-20: Federal School Code #2 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH03	CPS 2019-20: Federal School code #3	CPS 2019-20 Variables	6		A	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20HPLN03	CPS 2019-20: Federal School Code #3 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH04	CPS 2019-20: Federal School code #4	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN04	CPS 2019-20: Federal School Code #4 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH05	CPS 2019-20: Federal School code #5	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN05	CPS 2019-20: Federal School Code #5 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH06	CPS 2019-20: Federal School code #6	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN06	CPS 2019-20: Federal School Code #6 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH07	CPS 2019-20: Federal School code #7	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN07	CPS 2019-20: Federal School Code #7 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH08	CPS 2019-20: Federal School code #8	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN08	CPS 2019-20: Federal School Code #8 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH09	CPS 2019-20: Federal School code #9	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN09	CPS 2019-20: Federal School Code #9 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SCH10	CPS 2019-20: Federal School code #10	CPS 2019-20 Variables	6		A	No
15	CPS 2019-20 Preliminary File	C20HPLN10	CPS 2019-20: Federal School Code #10 Housing Plans	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20APPDT	CPS 2019-20: Date application completed	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20DEPOV	CPS 2019-20: Dependency override indicator	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20DEPEN	CPS 2019-20: Dependency status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TRNSRC	CPS 2019-20: Transaction Data Source/Type Code	CPS 2019-20 Variables	2		A	Yes
15	CPS 2019-20 Preliminary File	C20IRS	CPS 2019-20: Student IRS Request Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PIRS	CPS 2019-20: Parent IRS Request Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PATE	CPS 2019-20: Parent Asset Threshold Exceeded	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SATE	CPS 2019-20: Student Asset Threshold Exceeded	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20JUDG	CPS 2019-20: Professional judgment	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20IRSAGI	CPS 2019-20: IRS Student AGI Flag	CPS 2019-20 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20IRSFIT	CPS 2019-20: IRS Student Federal Income Tax (FIT) Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PIRSAGI	CPS 2019-20: IRS Parent AGI Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PIRSFIT	CPS 2019-20: IRS Parent FIT Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20APPSRC	CPS 2019-20: Application data source/type code	CPS 2019-20 Variables	2		A	Yes
15	CPS 2019-20 Preliminary File	C20APPDTR	CPS 2019-20: Application receipt date	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20GRAD	CPS 2019-20: Graduate flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PELL	CPS 2019-20: Pell grant eligibility flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TRNDT	CPS 2019-20: Transaction Processed Date	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20EFCZR	CPS 2019-20: Automatic zero EFC	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SNT	CPS 2019-20: Simplified needs test (SNT)	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20PTXSTA	CPS 2019-20: Parents' calculated 2017 tax status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20STXSTA	CPS 2019-20: Student's calculated 2017 tax status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20HSFLG	CPS 2019-20: High School Flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ACITZN	CPS 2019-20: Assumed citizenship	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20AMARR	CPS 2019-20: Assumed student's marital status	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20AAGI	CPS 2019-20: Assumed student's AGI	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20ATXPD	CPS 2019-20: Assumed student's US tax paid	CPS 2019-20 Variables	5		N	No
15	CPS 2019-20 Preliminary File	C20AINC	CPS 2019-20: Assumed student's income from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20AINCSP	CPS 2019-20: Assumed spouse's income from work	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20AADFIN	CPS 2019-20: Assumed Student's additional financial information total	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20ABORN	CPS 2019-20: Assumed date of birth prior	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20AMAR	CPS 2019-20: Assumed is student married/remarried?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ADEPS	CPS 2019-20: Assumed have children you support?	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ADEPO	CPS 2019-20: Assumed have legal dep oth than child/sp	CPS 2019-20 Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20AFAMNM	CPS 2019-20: Assumed student's number in family	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ACOLNM	CPS 2019-20: Assumed student's number in college	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ASCH	CPS 2019-20: Assumed homeless youth-school determined	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20AHUD	CPS 2019-20: Assumed homeless youth-HUD program determined	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20AHOMELS	CPS 2019-20: Assumed at risk of homelessness	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20ASATE	CPS 2019-20: Assumed Student Asset Threshold Exceeded	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20APATE	CPS 2019-20: Assumed Parent Asset Threshold Exceeded	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20EFCP	CPS 2019-20: Primary EFC	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20EFCS	CPS 2019-20: Secondary EFC	CPS 2019-20 Variables	6		N	No
15	CPS 2019-20 Preliminary File	C20EFCPT	CPS 2019-20: Primary EFC type	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20EFCST	CPS 2019-20: Secondary EFC type	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20TI	CPS 2019-20: TI: Total Income	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20ATI	CPS 2019-20: ATI: Allowances Against Total Income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20STX	CPS 2019-20: STX: State Tax Allowance	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20EA	CPS 2019-20: EA: Employment Allowance	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20IPA	CPS 2019-20: IPA: Income Protection Allowance	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20AI	CPS 2019-20: AI: Available Income	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20CAI	CPS 2019-20: CAI: Contribution from available income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20DNW	CPS 2019-20: DNW: Discretionary Net Worth	CPS 2019-20 Variables	9		N	No
15	CPS 2019-20 Preliminary File	C20NW	CPS 2019-20: NW: Net Worth	CPS 2019-20 Variables	9		N	No
15	CPS 2019-20 Preliminary File	C20APA	CPS 2019-20: APA: Asset Protection Allowance	CPS 2019-20 Variables	9		N	No
15	CPS 2019-20 Preliminary File	C20PCA	CPS 2019-20: PCA: Parents' Contribution from Assets	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20AAI	CPS 2019-20: AAI: Adjusted Available Income	CPS 2019-20 Variables	8		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
15	CPS 2019-20 Preliminary File	C20TSC	CPS 2019-20: TSC: Total Student's Contribution	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20TPC	CPS 2019-20: TPC: Total Parents' Contribution	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20PC	CPS 2019-20: PC: Parents' Contribution	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20STI	CPS 2019-20: STI: Student's Total Income	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20SATI	CPS 2019-20: SATI: Student's Allowance Against Total Income	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20SIC	CPS 2019-20: SIC: Dependent Student's Inc Contribution	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20SDNW	CPS 2019-20: SDNW: Student's Discretionary Net Worth	CPS 2019-20 Variables	9		N	No
15	CPS 2019-20 Preliminary File	C20SCA	CPS 2019-20: SCA: Student's Contribution from Assets	CPS 2019-20 Variables	7		N	No
15	CPS 2019-20 Preliminary File	C20FTI	CPS 2019-20: FTI: FISAP total income	CPS 2019-20 Variables	8		N	No
15	CPS 2019-20 Preliminary File	C20NSLDS	CPS 2019-20: NSLDS match flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20SSACIT	CPS 2019-20: SSA citizenship flag	CPS 2019-20 Variables	2		N	Yes
15	CPS 2019-20 Preliminary File	C20VA	CPS 2019-20: VA match flag	CPS 2019-20 Variables	2		N	Yes
16	PETS Institution File	I5IPEDSID	Institution: IPEDS ID	PETS Institution Variables	6		N	No
16	PETS Institution File	I5NAME	Institution: Name	PETS Institution Variables	91		A	No
16	PETS Institution File	I5CITY	Institution: City	PETS Institution Variables	23		A	No
16	PETS Institution File	I5STATE	Institution: State	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5LEVEL	Institution: Level	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5CONTROL	Institution: Control	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5SECTOR	Institution: Sector	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5SELC	Institution: Selectivity	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5INSTCAT	Institution: Institution category	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5HBCU	Institution: Historically Black College or University indicator	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5CALSYS	Institution: IPEDS Calendar system	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5CALENDAR	Institution: Calendar system - institution provided	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5CLKCRED	Institution: Clock or credit hour	PETS Institution Variables	2		N	Yes
16	PETS Institution File	I5GPASCALE	Institution: GPA scale	PETS Institution Variables	4	1	N	Yes
16	PETS Institution File	I5GRADESYS	Institution: Grading system	PETS Institution Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
16	PETS Institution File	I5MNCRDREQ	Institution: Minimum number of credit hours for full-time	PETS Institution Variables	4		N	No
17	PETS Student-Institution File	STU_ID	Student ID	PETS Student-Institution Variables	5		A	No
17	PETS Student-Institution File	I5IPEDSID	Institution: IPEDS ID	PETS Student-Institution Variables	6		N	No
17	PETS Student-Institution File	T5SINSTSORT	Postsecondary Transcript: Institution sort number	PETS Student-Institution Variables	2		N	No
17	PETS Student-Institution File	I5NAME	Institution: Name	PETS Student-Institution Variables	91		A	No
17	PETS Student-Institution File	I5CITY	Institution: City	PETS Student-Institution Variables	23		A	No
17	PETS Student-Institution File	I5STATE	Institution: State	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5LEVEL	Institution: Level	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5CONTROL	Institution: Control	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5SECTOR	Institution: Sector	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5SELC	Institution: Selectivity	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5INSTCAT	Institution: Institution category	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	I5HBCU	Institution: Historically Black College or University indicator	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5STRANSTAT	Postsecondary Transcript: Transcript response status	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5SSCHLORDR	Postsecondary Transcript: Attendance order (based on first known attended date) after high school completion	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5S1STATMY	Postsecondary Transcript: First known attended month/year	PETS Student-Institution Variables	6		N	No
17	PETS Student-Institution File	T5SLASTATMY	Postsecondary Transcript: Last known attended month/year	PETS Student-Institution Variables	6		N	No
17	PETS Student-Institution File	T5SFIRSTINST	Postsecondary Transcript: First known institution attended after leaving high school	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5SLASTINST	Postsecondary Transcript: Last known institution attended	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5SENROLLST	Postsecondary Transcript: Month-by-month known enrollment indicator string (January 2011 - June 2016)	PETS Student-Institution Variables	78		A	No
17	PETS Student-Institution File	T5SENROLL1011	Postsecondary Transcript: Month-by-month known enrollment indicator string for portion of 2010-2011 academic year (January 2011 - June 2011)	PETS Student-Institution Variables	6		A	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
17	PETS Student-Institution File	T5SENROLL1112	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2011-2012 academic year (July 2011 - June 2012)	PETS Student-Institution Variables	12		A	No
17	PETS Student-Institution File	T5SENROLL1213	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2012-2013 academic year (July 2012 - June 2013)	PETS Student-Institution Variables	12		A	No
17	PETS Student-Institution File	T5SENROLL1314	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2013-2014 academic year (July 2013 - June 2014)	PETS Student-Institution Variables	12		A	No
17	PETS Student-Institution File	T5SENROLL1415	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2014-2015 academic year (July 2014 - June 2015)	PETS Student-Institution Variables	12		A	No
17	PETS Student-Institution File	T5SENROLL1516	Postsecondary Transcript: Month-by-month known enrollment indicator string for 2015-2016 academic year (July 2015 - June 2016)	PETS Student-Institution Variables	12		A	No
17	PETS Student-Institution File	T5SHSGRADMY	Postsecondary Transcript: High school graduation date	PETS Student-Institution Variables	6		N	No
17	PETS Student-Institution File	T5STRANGPA	Postsecondary Transcript: Known grade point average (GPA) for transcript	PETS Student-Institution Variables	4	1	N	No
17	PETS Student-Institution File	T5SHSCRDERN	Postsecondary Transcript: Dual enrollment: known credits earned as of June 2016	PETS Student-Institution Variables	6	2	N	No
17	PETS Student-Institution File	T5STOTAPCRD	Postsecondary Transcript: Advanced Placement (AP): known credits earned as of June 2016	PETS Student-Institution Variables	5	2	N	No
17	PETS Student-Institution File	T5STOTIBCRD	Postsecondary Transcript: International Baccalaureate (IB): known credits earned as of June 2016	PETS Student-Institution Variables	5	2	N	No
17	PETS Student-Institution File	T5STOTNCCRD	Postsecondary Transcript: Non-course credits: known credits earned as of June 2016	PETS Student-Institution Variables	5	2	N	No
17	PETS Student-Institution File	T5STRANCRAC	Postsecondary Transcript: Total known normalized transfer credits accepted by institution as of June 2016	PETS Student-Institution Variables	6	2	N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
17	PETS Student-Institution File	T5SNORMATT	Postsecondary Transcript: Total normalized known credits attempted at institution as of June 2016	PETS Student-Institution Variables	6	2	N	No
17	PETS Student-Institution File	T5SNORMERN	Postsecondary Transcript: Total normalized known credits earned at institution as of June 2016	PETS Student-Institution Variables	6	2	N	No
17	PETS Student-Institution File	T5SINSTGPA	Postsecondary Transcript: Normalized GPA as of June 2016	PETS Student-Institution Variables	4	1	N	No
17	PETS Student-Institution File	T5SANYAWARD	Postsecondary Transcript: Any known award at the institution as of June 2016	PETS Student-Institution Variables	2		N	Yes
17	PETS Student-Institution File	T5SHIGHAWD	Postsecondary Transcript: Highest known award at the institution as of June 2016	PETS Student-Institution Variables	2		N	Yes
18	PETS Degree Major file	STU_ID	Student ID	PETS Degree Major Variables	5		A	No
18	PETS Degree Major file	I5IPEDSID	Institution: IPEDS ID	PETS Degree Major Variables	6		N	No
18	PETS Degree Major file	T5SINSTSORT	Postsecondary Transcript: Institution sort number	PETS Degree Major Variables	2		N	No
18	PETS Degree Major file	T5DDEGSORT	Postsecondary Transcript: Degree sort number	PETS Degree Major Variables	2		N	No
18	PETS Degree Major file	T5SSCHLORDR	Postsecondary Transcript: Attendance order (based on first known attended date) after high school completion	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5SFIRSTINST	Postsecondary Transcript: First known institution attended after leaving high school	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5SLASTINST	Postsecondary Transcript: Last known institution attended	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DRECRDFLG	Postsecondary Transcript: Record source identifier	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DDEGORDER	Postsecondary Transcript: Degree Order	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DEGREE	Postsecondary Transcript: Degree program	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DBACHTYPE	Postsecondary Transcript: Bachelor's degree type	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DASSOCTYP	Postsecondary Transcript: Associate degree type	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DGMATYPE	Postsecondary Transcript: Master's degree type	PETS Degree Major Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
18	PETS Degree Major file	T5DGDOCRE5	Postsecondary Transcript: Research/scholarship doctoral degree type	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DGDOCPROF	Postsecondary Transcript: Professional practice doctoral degree type	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DDEGRECVD	Postsecondary Transcript: Degree received	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DEGREEDTE	Postsecondary Transcript: Date of degree	PETS Degree Major Variables	6		N	No
18	PETS Degree Major file	T5DHONRGRAD	Postsecondary Transcript: Graduated with honors	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DHONRPART	Postsecondary Transcript: Honors participant	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DGCERTLIC	Postsecondary Transcript: Professional certificate or licensure earned	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DMAJ1STG	Postsecondary Transcript: First major/field of study - text string	PETS Degree Major Variables	90		A	No
18	PETS Degree Major file	T5DMAJ1GEN	Postsecondary Transcript: First major/field of study - 2-digit CIP code	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DMAJ1CIP	Postsecondary Transcript: First major/field of study - 6-digit CIP code	PETS Degree Major Variables	7		A	No
18	PETS Degree Major file	T5DMAJ2STG	Postsecondary Transcript: Second major/field of study - test string	PETS Degree Major Variables	75		A	No
18	PETS Degree Major file	T5DMAJ2GEN	Postsecondary Transcript: Second major/field of study - 2-digit CIP code	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DMAJ2CIP	Postsecondary Transcript: Second major/field of study - 6-digit CIP code	PETS Degree Major Variables	7		A	No
18	PETS Degree Major file	T5DMIN1STG	Postsecondary Transcript: First minor - text string	PETS Degree Major Variables	64		A	No
18	PETS Degree Major file	T5DMIN1GEN	Postsecondary Transcript: First minor on 2-digit CIP code	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DMIN1CIP	Postsecondary Transcript: First minor - 6-digit CIP code	PETS Degree Major Variables	7		A	No
18	PETS Degree Major file	T5DMIN2STG	Postsecondary Transcript: Second minor - text string	PETS Degree Major Variables	57		A	No
18	PETS Degree Major file	T5DMIN2GEN	Postsecondary Transcript: Second minor 2-digit CIP code	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DMIN2CIP	Postsecondary Transcript: Second minor - 6-digit CIP code	PETS Degree Major Variables	7		A	No
18	PETS Degree Major file	T5DCONSTG	Postsecondary Transcript: Concentration - text string	PETS Degree Major Variables	76		A	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
18	PETS Degree Major file	T5DCONGEN	Postsecondary Transcript: Concentration - 2-digit CIP code	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DCONCIP	Postsecondary Transcript: Concentration - 6-digit CIP code	PETS Degree Major Variables	7		A	No
18	PETS Degree Major file	T5D11ASCT	Postsecondary Transcript: First major/field of study: 11 categories subbaccalaureate categories	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5D10BACH	Postsecondary Transcript: First major/field of study: baccalaureate categories	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5D23MJ	Postsecondary Transcript: First major/field of study: 23 categories	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DSTEM1FLG	Postsecondary Transcript: STEM major/field-of-study indicator (using SMART Grant definition of STEM)	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DSTEM2FLG	Postsecondary Transcript: STEM major/field-of-study indicator (using NSF definition of STEM)	PETS Degree Major Variables	2		N	Yes
18	PETS Degree Major file	T5DSTEM3FLG	Postsecondary Transcript: STEM major/field-of-study indicator (using NCES definition of STEM)	PETS Degree Major Variables	2		N	Yes
19	PETS Term File	STU_ID	Student ID	PETS Term Variables	5		A	No
19	PETS Term File	I5IPEDSID	Institution: IPEDS ID	PETS Term Variables	6		N	No
19	PETS Term File	T5SINSTSORT	Postsecondary Transcript: Institution sort number	PETS Term Variables	2		N	No
19	PETS Term File	T5MTERMSORT	Postsecondary Transcript: Term sort number	PETS Term Variables	2		N	No
19	PETS Term File	TERMLINK	Term link	PETS Term Variables	5		N	No
19	PETS Term File	T5SSCHLORDR	Postsecondary Transcript: Attendance order (based on first known attended date) after high school completion	PETS Term Variables	2		N	Yes
19	PETS Term File	T5SFIRSTINST	Postsecondary Transcript: First known institution attended after leaving high school	PETS Term Variables	2		N	Yes
19	PETS Term File	T5SLASTINST	Postsecondary Transcript: Last known institution attended	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MRECRDFLG	Postsecondary Transcript: Record source identifier	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MTNAM	Postsecondary Transcript: Term name	PETS Term Variables	41		A	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
19	PETS Term File	T5MTERMTYPE	Postsecondary Transcript: Term type	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MTERMLEVL	Postsecondary Transcript: Term level	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MSTARTMY	Postsecondary Transcript: Term start date	PETS Term Variables	6		N	No
19	PETS Term File	T5MENDMY	Postsecondary Transcript: Term end date	PETS Term Variables	6		N	No
19	PETS Term File	T5MACADYEAR	Postsecondary Transcript: Academic year for the term	PETS Term Variables	4		N	Yes
19	PETS Term File	T5MTRMATRIB	Postsecondary Transcript: Term attribute	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MDEANLIST	Postsecondary Transcript: Dean's list	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MDEANDSTN	Postsecondary Transcript: Dean's list with distinction	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MCHCLRLST	Postsecondary Transcript: Chancellor's list	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MPREZLIST	Postsecondary Transcript: President's list	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MTRMHONOT	Postsecondary Transcript: Other term honors	PETS Term Variables	2		N	Yes
19	PETS Term File	T5MNORMATT	Postsecondary Transcript: Total normalized known credits attempted for the term	PETS Term Variables	6	2	N	No
19	PETS Term File	T5MNORMERN	Postsecondary Transcript: Total normalized known credits earned for the term	PETS Term Variables	6	2	N	No
19	PETS Term File	T5MNORMGPA	Postsecondary Transcript: Normalized GPA for the term	PETS Term Variables	4	1	N	No
20	PETS Test File	STU_ID	Student ID	PETS Test Variables	5		A	No
20	PETS Test File	T5XTESTSORT	Postsecondary Transcript: Test sort number	PETS Test Variables	2		N	No
20	PETS Test File	T5XTESTGEN	Postsecondary Transcript: Test general code	PETS Test Variables	2		N	Yes
20	PETS Test File	T5XTESTNAME	Postsecondary Transcript: Test name	PETS Test Variables	90		A	No
20	PETS Test File	T5XTESTDATE	Postsecondary Transcript: Test date	PETS Test Variables	6		N	No
20	PETS Test File	T5XSCORE	Postsecondary Transcript: Test score	PETS Test Variables	20		A	No
21	PETS Course File	STU_ID	Student ID	PETS Course Variables	5		A	No
21	PETS Course File	I5IPEDSID	Institution: IPEDS ID	PETS Course Variables	6		N	No
21	PETS Course File	T5SINSTSORT	Postsecondary Transcript: Institution sort number	PETS Course Variables	2		N	No
21	PETS Course File	T5MTERMSORT	Postsecondary Transcript: Term sort number	PETS Course Variables	2		N	No
21	PETS Course File	TERMLINK	Term link	PETS Course Variables	5		N	No
21	PETS Course File	T5CCRSSORT	Postsecondary Transcript: Course sort number	PETS Course Variables	2		N	No
21	PETS Course File	T5CCRSLINK	Postsecondary Transcript: Course link	PETS Course Variables	7		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
21	PETS Course File	T5SSCHLORDR	Postsecondary Transcript: Attendance order (based on first known attended date) after high school completion	PETS Course Variables	2		N	Yes
21	PETS Course File	T5SFIRSTINST	Postsecondary Transcript: First known institution attended after leaving high school	PETS Course Variables	2		N	Yes
21	PETS Course File	T5SLASTINST	Postsecondary Transcript: Last known institution attended	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CRECRDFLG	Postsecondary Transcript: Course record source identifier	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CRSINSTID	Postsecondary Transcript: IPEDS ID for the institution where course was taken	PETS Course Variables	6		N	No
21	PETS Course File	T5CTRNSFR	Postsecondary Transcript: Transfer flag for course	PETS Course Variables	2		N	Yes
21	PETS Course File	T5COURSESDUP	Postsecondary Transcript: Duplicate course indicator	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CCRSCOUNT	Postsecondary Transcript: Number of times course appears on courses file for a given student	PETS Course Variables	2		N	No
21	PETS Course File	T5CTERMTYPE	Postsecondary Transcript: Term type	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CTRMSTRDT	Postsecondary Transcript: Term start date for course	PETS Course Variables	6		N	No
21	PETS Course File	T5CTRMENDDT	Postsecondary Transcript: Term end date for course	PETS Course Variables	6		N	No
21	PETS Course File	T5CRSNAM	Postsecondary Transcript: Course name	PETS Course Variables	151		A	No
21	PETS Course File	T5CRSNUM	Postsecondary Transcript: Course number	PETS Course Variables	35		A	No
21	PETS Course File	T5CCMCOGEN	Postsecondary Transcript: CCM:2010 general code for course	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CCMCODE	Postsecondary Transcript: CCM:2010 code for course	PETS Course Variables	7		A	No
21	PETS Course File	T5CCRSLEVEL	Postsecondary Transcript: Course level flag	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CGRADE	Postsecondary Transcript: Grade	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CNUMGRADE	Postsecondary Transcript: Numeric grade	PETS Course Variables	5	2	N	No
21	PETS Course File	T5COTHGRADE	Postsecondary Transcript: Other grade	PETS Course Variables	8		A	No
21	PETS Course File	T5CPOTLCRD	Postsecondary Transcript: Attempted credit hours	PETS Course Variables	6	2	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
21	PETS Course File	T5CPOTLCLK	Postsecondary Transcript: Attempted clock hours	PETS Course Variables	7	2	N	No
21	PETS Course File	T5CRDERNED	Postsecondary Transcript: Earned credit hours	PETS Course Variables	6	2	N	No
21	PETS Course File	T5CCLKERNED	Postsecondary Transcript: Earned clock hours	PETS Course Variables	7	2	N	No
21	PETS Course File	T5CAUDIT	Postsecondary Transcript: Audit course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5COOP	Postsecondary Transcript: Co-op course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5COENROLL	Postsecondary Transcript: Co-enrollment course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CINTRNSHP	Postsecondary Transcript: Internship course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CINDYSTDY	Postsecondary Transcript: Independent study course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CLAB	Postsecondary Transcript: Lab course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CREMEDIAL	Postsecondary Transcript: Remedial course flag	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CREMATRIB	Postsecondary Transcript: Remedial course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CTHSSDISS	Postsecondary Transcript: Thesis/dissertation course attribute	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CHONORS	Postsecondary Transcript: Honors course	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CAPCRD	Postsecondary Transcript: Advanced Placement course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CCLEPCRD	Postsecondary Transcript: College level examination program course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CIBCRD	Postsecondary Transcript: International Baccalaureate course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CMILCRD	Postsecondary Transcript: Military course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CWORKCRD	Postsecondary Transcript: Work course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CBLKCRD	Postsecondary Transcript: Bulk course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CDUALCRD	Postsecondary Transcript: Dual enrollment	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CEXAMCRD	Postsecondary Transcript: Other exam course credit	PETS Course Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
21	PETS Course File	T5COTHERCRD	Postsecondary Transcript: Other course credit	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CNORMATT	Postsecondary Transcript: Normalized credits attempted for course	PETS Course Variables	6	2	N	No
21	PETS Course File	T5CNORMCRED	Postsecondary Transcript: Normalized credits received for course	PETS Course Variables	6	2	N	No
21	PETS Course File	T5CNORMGRDE	Postsecondary Transcript: Normalized grade received for course	PETS Course Variables	6	2	N	No
21	PETS Course File	T5CNORMQPT	Postsecondary Transcript: Normalized quality points received for course	PETS Course Variables	6	2	N	No
21	PETS Course File	T5CSTEM1FLG	Postsecondary Transcript: STEM course indicator (using SMART Grant definition of STEM)	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CSTEM2FLG	Postsecondary Transcript: STEM course indicator (using NSF definition of STEM)	PETS Course Variables	2		N	Yes
21	PETS Course File	T5CSTEM3FLG	Postsecondary Transcript: STEM course indicator (using NCES definition of STEM)	PETS Course Variables	2		N	Yes
22	SR Student-Institution File	STU_ID	Student ID	SR Student-Institution Variables	5		A	No
22	SR Student-Institution File	I5IPEDSID	Institution: IPEDS ID	SR Student-Institution Variables	6		N	No
22	SR Student-Institution File	I5SRSUBMIT	Institution: Institution student records submission status	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	I5SRSUBMITMODE	Institution: Institution student records mode of submission	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	X5SRRESP	Student Records: Student Record response status	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SRSTAT	Student Records: Student-institution student records submission status	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SPFRECORD	Student Records: Primary first postsecondary record	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	X5PFYEAR	Student Records: First academic year enrolled	SR Student-Institution Variables	4		N	Yes
22	SR Student-Institution File	R5SDOBMY	Student Records: Student date of birth	SR Student-Institution Variables	6		N	No
22	SR Student-Institution File	R5SSEX	Student Records: Student sex	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SMARITAL	Student Records: Marital status	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SCITIZEN	Student Records: Citizenship	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SVETERAN	Student Records: Veteran status	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SHIGHSCH	Student Records: High school degree	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SHIGHYR	Student Records: Year of high school degree	SR Student-Institution Variables	4		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
22	SR Student-Institution File	R5SHISPAN	Student Records: Hispanic status/ethnicity	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SWHITE	Student Records: Race - white	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SBLACK	Student Records: Race - African American or black	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SASIAN	Student Records: Race - Asian	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SINDIAN	Student Records: Race - American Indian or Alaska Native	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SISLAND	Student Records: Race - Hawaiian/other Pacific Islander	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SPERMRES	Student Records: Students permanent address state	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SCHSTRES	Student Records: Student permanent resident of institution state	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SFRSTYM	Student Records: Date First Enrolled at institution	SR Student-Institution Variables	6		N	No
22	SR Student-Institution File	R5SLSTYM	Student Records: Date Last Enrolled at institution	SR Student-Institution Variables	6		N	No
22	SR Student-Institution File	R5SFTB	Student Records: First-time beginning student	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5STRANSFER	Student Records: Accepted Transfer Credit	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SREMEVR	Student Records: Ever taken remedial course	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL12	Student Records: Enrolled in 2011-12	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL13	Student Records: Enrolled in 2012-13	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL14	Student Records: Enrolled in 2013-14	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL15	Student Records: Enrolled in 2014-15	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL16	Student Records: Enrolled in 2015-16	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENRL17	Student Records: Enrolled in 2016-17	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SENROLLSTR	Student Records: Institution-reported enrollment string	SR Student-Institution Variables	72		A	No
22	SR Student-Institution File	R5SBAREC	Student Records: Ever received baccalaureate degree	SR Student-Institution Variables	2		N	Yes
22	SR Student-Institution File	R5SBARECDTE	Student Records: Date received baccalaureate degree	SR Student-Institution Variables	6		N	No
22	SR Student-Institution File	R5SDEGEXP	Student Records: Expect to complete degree requirements by June 30, 2017	SR Student-Institution Variables	2		N	Yes
23	SR Student-Institution by Year File	STU_ID	Student ID	SR Student-Institution by Year Variables	5		A	No
23	SR Student-Institution by Year File	I5IPEDSID	Institution: IPEDS ID	SR Student-Institution by Year Variables	6		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
23	SR Student-Institution by Year File	ACADYEAR	Student Records: Academic year	SR Student-Institution by Year Variables	4		N	Yes
23	SR Student-Institution by Year File	X5SRRESP	Student Records: Student Record response status	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YRECRDFLG	Student Records: Record source identifier	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YPFYRECORD	Student Records: Primary first postsecondary record	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YENROLLED	Student Records: Student was enrolled in academic year	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YLEVEL	Student Records: Student class level	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YGPA	Student Records: Cumulative GPA	SR Student-Institution by Year Variables	5	1	N	No
23	SR Student-Institution by Year File	R5YCRDCOMP	Student Records: Cumulative credit hours completed	SR Student-Institution by Year Variables	8	2	N	No
23	SR Student-Institution by Year File	R5YCLKCOMP	Student Records: Cumulative clock hours completed	SR Student-Institution by Year Variables	6	2	N	No
23	SR Student-Institution by Year File	R5YTUITFEECHG	Student Records: Total tuition and mandatory fees charged	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YTUITRES	Student Records: Residency for Tuition Purposes	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YENROLLSTR	Student Records: Institution-reported enrollment string	SR Student-Institution by Year Variables	16		A	No
23	SR Student-Institution by Year File	R5YBUDPER	Student Records: Budget period	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YBUDRES	Student Records: Local residence	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YBUDTUITFEE	Student Records: Budget amount for tuition/fees	SR Student-Institution by Year Variables	6		N	No
23	SR Student-Institution by Year File	R5YBUDROOM	Student Records: Budget amount for room and board	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YBUDBOOKS	Student Records: Budget amount for books/supplies	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YBUDTRANS	Student Records: Budget amount for transportation	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YBUDCOMP	Student Records: Budget amount for computer technology	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YBUDHLTH	Student Records: Budget amount for health insurance	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YBUDOTH	Student Records: Budget amount for all other expenses	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YBUDCOA	Student Records: Total cost of attendance	SR Student-Institution by Year Variables	6		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
23	SR Student-Institution by Year File	R5YCOAMISSCOMP	Student Records: Missing budget component	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YAIDWARN	Student Records: Placed on financial aid warning	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YAIDPROBTN	Student Records: Placed on financial aid probation	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YAIDINELG	Student Records: Ineligible to receive Title IV financial aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YANYAIDREC	Student Records: Received any financial aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YFEDAIDREC	Student Records: Received any federal aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTAIDREC	Student Records: Received any state aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTAIDREC	Student Records: Received any institution aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YGRADAIDREC	Student Records: Received any graduate aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YPRIVAIDREC	Student Records: Received any private or other government aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YOTHAIDREC	Student Records: Received any other aid	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YAIDTOTAMT	Student Records: Total aid amount	SR Student-Institution by Year Variables	6		N	No
23	SR Student-Institution by Year File	R5YTFEDWRK	Student Records: Federal work-study	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YSEOGAMT	Student Records: Federal Supplemental Educational Opportunity Grant (SEOG)	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YINSTAMT	Student Records: Institutional aid total	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINGRTAMT	Student Records: Institutional grants total	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTNEED	Student Records: Institutional need-based grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTNOND	Student Records: Institutional non-need & merit grants (includes employer waivers, military grants, and Veterans' benefits)	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSMERIT	Student Records: Institutional merit-only grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINATHAMT	Student Records: Athletic scholarships	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSMERITNOATH	Student Records: Institutional merit-only grants (excludes athletic scholarships)	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTNOND1	Student Records: Institutional non-need, non-merit grants (includes employer waivers; excludes military grants and Veterans' benefits)	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSWAIV	Student Records: Institutional tuition & fee waivers	SR Student-Institution by Year Variables	5		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
23	SR Student-Institution by Year File	R5YEMPLWAIV	Student Records: Institutional tuition waivers for staff	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSWAIVNOEMP	Student Records: Institutional waivers (excludes employer waivers)	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTCATGRT	Student Records: Institutional non-need, non-merit grants (excludes employer waivers, military grants, and Veterans' benefits)	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSMILAMT	Student Records: Institution military/armed forces grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTVETAMT	Student Records: Institution Veterans' education benefits	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINLNAMT	Student Records: Institutional loans	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YINSTWRK	Student Records: Institutional work-study	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTATEAMT	Student Records: State aid total	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTGTAMT	Student Records: State grants total	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTATNEED	Student Records: State need-based grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTNDMRT	Student Records: State grants based both on need and merit	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTNDONLY	Student Records: State need-based only grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTATNOND	Student Records: State non-need & merit grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTMERIT	Student Records: State merit-only grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTNOND1	Student Records: State non-need grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTMILAMT	Student Records: State military/armed forces grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTVETAMT	Student Records: State Veterans' education benefits	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YSTLNAMT	Student Records: State loans	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YSTWKAMT	Student Records: State work-study	SR Student-Institution by Year Variables	4		N	No
23	SR Student-Institution by Year File	R5YVOCHELP	Student Records: Vocational rehabilitation and training	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YMERITAIID	Student Records: Total merit-only grants	SR Student-Institution by Year Variables	5		N	No
23	SR Student-Institution by Year File	R5YPRIVLOAN	Student Records: Private (alternative) loans	SR Student-Institution by Year Variables	6		N	No
23	SR Student-Institution by Year File	R5YINJURIS	Student Records: Tuition jurisdiction	SR Student-Institution by Year Variables	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
23	SR Student-Institution by Year File	R5YTFEDWRK_IM	Student Records: Imputation flag for R5YTFEDWRK	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSEOGAMT_IM	Student Records: Imputation flag for R5YSEOGAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YEMPLWAIV_IM	Student Records: Imputation flag for R5YEMPLWAIV	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTNEED_IM	Student Records: Imputation flag for R5YINSTNEED	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINATHAMT_IM	Student Records: Imputation flag for R5YINATHAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINGRTAMT_IM	Student Records: Imputation flag for R5YINGRTAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSMERITNOATH_IM	Student Records: Imputation flag for R5YINSMERITNOATH	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSWAIVNOEMP_IM	Student Records: Imputation flag for R5YINSWAIVNOEMP	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTCATGRT_IM	Student Records: Imputation flag for R5YINSTCATGRT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSMERIT_IM	Student Records: Imputation flag for R5YINSMERIT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSMLAMT_IM	Student Records: Imputation flag for R5YINSMLAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTAMT_IM	Student Records: Imputation flag for R5YINSTAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTNOND_IM	Student Records: Imputation flag for R5YINSTNOND	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTNOND1_IM	Student Records: Imputation flag for R5YINSTNOND1	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTVETAMT_IM	Student Records: Imputation flag for R5YINSTVETAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINLNAMT_IM	Student Records: Imputation flag for R5YINLNAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSTWRK_IM	Student Records: Imputation flag for R5YINSTWRK	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YINSWAIV_IM	Student Records: Imputation flag for R5YINSWAIV	SR Student-Institution by Year Variables	2		N	Yes

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
23	SR Student-Institution by Year File	R5YSTATEAMT_IM	Student Records: Imputation flag for R5YSTATEAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTGTAMT_IM	Student Records: Imputation flag for R5YSTGTAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTATNEED_IM	Student Records: Imputation flag for R5YSTATNEED	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTNDMRT_IM	Student Records: Imputation flag for R5YSTNDMRT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTNDONLY_IM	Student Records: Imputation flag for R5YSTNDONLY	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTATNOND_IM	Student Records: Imputation flag for R5YSTATNOND	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTMERIT_IM	Student Records: Imputation flag for R5YSTMERIT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTNOND1_IM	Student Records: Imputation flag for R5YSTNOND1	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTMILAMT_IM	Student Records: Imputation flag for R5YSTMILAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTVETAMT_IM	Student Records: Imputation flag for R5YSTVETAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTLNAMT_IM	Student Records: Imputation flag for R5YSTLNAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YSTWKAMT_IM	Student Records: Imputation flag for RYSTWKAMT	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YVOCHELP_IM	Student Records: Imputation flag for R5YVOCHELP	SR Student-Institution by Year Variables	2		N	Yes
23	SR Student-Institution by Year File	R5YMERITAID_IM	Student Records: Imputation flag for R5YMERITAID	SR Student-Institution by Year Variables	2		N	Yes
24	SR Degree Major File	STU_ID	Student ID	SR Degree Major Variables	5		A	No
24	SR Degree Major File	I5IPEDSID	Institution: IPEDS ID	SR Degree Major Variables	6		N	No
24	SR Degree Major File	ACADYEAR	Student Records: Academic year	SR Degree Major Variables	4		N	Yes
24	SR Degree Major File	X5SRRESP	Student Records: Student Record response status	SR Degree Major Variables	2		N	Yes
24	SR Degree Major File	R5YPFYRECORD	Student Records: Primary first postsecondary record	SR Degree Major Variables	2		N	Yes
24	SR Degree Major File	R5DEGREE	Student Records: Type of degree program	SR Degree Major Variables	2		N	Yes
24	SR Degree Major File	R5DEGREEDTE	Student Records: Degree Completion Date	SR Degree Major Variables	6		N	No

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
24	SR Degree Major File	R5DGTYPE	Student Records: Graduate degree type	SR Degree Major Variables	2		N	Yes
24	SR Degree Major File	R5DMAJ1CIP	Student Records: CIP code for first major	SR Degree Major Variables	7		A	No
24	SR Degree Major File	R5DMAJ1STG	Student Records: First major	SR Degree Major Variables	105		A	No
24	SR Degree Major File	R5DMAJ2CIP	Student Records: CIP code for second major	SR Degree Major Variables	7		A	No
24	SR Degree Major File	R5DMAJ2STG	Student Records: Second major	SR Degree Major Variables	65		A	No
24	SR Degree Major File	R5DMAJUNDCL	Student Records: Major undeclared	SR Degree Major Variables	2		N	Yes
24	SR Degree Major File	R5DREQCLKHRS	Student Records: Required clock hours in program	SR Degree Major Variables	6	2	N	No
24	SR Degree Major File	R5DREQCRDHRS	Student Records: Required credit hours in program	SR Degree Major Variables	6	2	N	No
25	SR Terms File	STU_ID	Student ID	SR Terms Variables	5		A	No
25	SR Terms File	I5IPEDSID	Institution: IPEDS ID	SR Terms Variables	6		N	No
25	SR Terms File	ACADYEAR	Student Records: Academic year	SR Terms Variables	4		N	Yes
25	SR Terms File	X5SRRESP	Student Records: Student Record response status	SR Terms Variables	2		N	Yes
25	SR Terms File	R5MRECRDFLG	Student Records: Record source identifier	SR Terms Variables	2		N	Yes
25	SR Terms File	R5YPFYRECORD	Student Records: Primary first postsecondary record	SR Terms Variables	2		N	Yes
25	SR Terms File	TERMLINK	Term link	SR Terms Variables	5		N	No
25	SR Terms File	R5MSTARTYM	Student Records: Term Start Date YYYYMM	SR Terms Variables	6		N	No
25	SR Terms File	R5MENDYM	Student Records: Term End Date YYYYMM	SR Terms Variables	6		N	No
25	SR Terms File	R5MENRLSTAT	Student Records: Attendance Status	SR Terms Variables	2		N	Yes
25	SR Terms File	R5MPOTLCRD	Student Records: Hours Enrolled	SR Terms Variables	6	2	N	No
26	SR Test File	STU_ID	Student ID	SR Test Variables	5		A	No
26	SR Test File	I5IPEDSID	Institution: IPEDS ID	SR Test Variables	6		N	No
26	SR Test File	X5SRRESP	Student Records: Student Record response status	SR Test Variables	2		N	Yes
26	SR Test File	R5YPFYRECORD	Student Records: Primary first postsecondary record	SR Test Variables	2		N	Yes
26	SR Test File	R5XTESTNAME	Student Records: Test name	SR Test Variables	21		A	No
26	SR Test File	R5XTESTGEN	Student Records: Test general code	SR Test Variables	2		N	Yes
26	SR Test File	R5XSCORE	Student Records: Test score	SR Test Variables	3		N	No
27	SR Aid File	STU_ID	Student ID	SR Aid Variables	5		A	No
27	SR Aid File	I5IPEDSID	Institution: IPEDS ID	SR Aid Variables	6		N	No
27	SR Aid File	ACADYEAR	Student Records: Academic year	SR Aid Variables	4		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
27	SR Aid File	X5SRRESP	Student Records: Student Record response status	SR Aid Variables	2		N	Yes
27	SR Aid File	R5ARECRDFLG	Student Records: Record source identifier	SR Aid Variables	2		N	Yes
27	SR Aid File	R5YPFYRECORD	Student Records: Primary first postsecondary record	SR Aid Variables	2		N	Yes
27	SR Aid File	R5AIDSOURCE	Student Records: Financial aid source	SR Aid Variables	2		N	Yes
27	SR Aid File	R5AIDTYPE	Student Records: Financial aid type	SR Aid Variables	3		N	Yes
27	SR Aid File	R5AIDAMT	Student Records: Financial aid amount	SR Aid Variables	6		N	No
28	NSLDS Pell Grant File	STU_ID	Student ID	NSLDS Pell Variables	5		A	No
28	NSLDS Pell Grant File	PFYINSTFLAG	Grant award is associated with primary institution	NSLDS Pell Variables	2		N	Yes
28	NSLDS Pell Grant File	X5PFYEAR	First academic year enrolled	NSLDS Pell Variables	4		N	Yes
28	NSLDS Pell Grant File	DUP_FLAG	Duplicate flag	NSLDS Pell Variables	2		N	Yes
28	NSLDS Pell Grant File	AWARD_YR	Grant award year	NSLDS Pell Variables	4		N	Yes
28	NSLDS Pell Grant File	GRT_TYPE	Grant type	NSLDS Pell Variables	2		A	Yes
28	NSLDS Pell Grant File	AMT_PAID_TO_DT	Total grant amount paid to the student	NSLDS Pell Variables	4		N	No
28	NSLDS Pell Grant File	SCHED_AMT	Scheduled grant amount	NSLDS Pell Variables	4		N	No
28	NSLDS Pell Grant File	DIS_DT	Date the grant was disbursed	NSLDS Pell Variables	8		N	No
28	NSLDS Pell Grant File	ENRL_DT	Beginning enrollment date	NSLDS Pell Variables	8		N	No
28	NSLDS Pell Grant File	CURR_GRT_STAT	Current status of the grant	NSLDS Pell Variables	2		A	Yes
28	NSLDS Pell Grant File	CURR_GRT_STAT_DT	Date grant entered current status	NSLDS Pell Variables	8		N	No
28	NSLDS Pell Grant File	ATT_SCH_CODE	Attended school code (6-digit OPEID)	NSLDS Pell Variables	6		A	No
28	NSLDS Pell Grant File	ATT_SCH_BR_CODE	Attended school branch code (8-digit OPEID)	NSLDS Pell Variables	8		A	No
28	NSLDS Pell Grant File	RPT_SCH_CODE	Reporting school code (6-digit OPEID)	NSLDS Pell Variables	6		A	No
28	NSLDS Pell Grant File	RPT_SCH_BR_CODE	Reporting school branch code (8-digit OPEID)	NSLDS Pell Variables	8		A	No
28	NSLDS Pell Grant File	EXP_FAM_CONTRIB	Expected family contribution (EFC)	NSLDS Pell Variables	4		N	No
28	NSLDS Pell Grant File	ACTD_COST_OF_ATT	Cost of attendance	NSLDS Pell Variables	5		N	No
29	NSLDS Loan File	STU_ID	Student ID	NSLDS Loan Variables	5		A	No
29	NSLDS Loan File	LOANID	Loan ID	NSLDS Loan Variables	9		N	No
29	NSLDS Loan File	PFYLOAN	Primary institution first year loan	NSLDS Loan Variables	2		N	Yes
29	NSLDS Loan File	LOAN_TYPE	Loan type	NSLDS Loan Variables	2		A	Yes
29	NSLDS Loan File	PLUS_BOR_TYPE	PLUS loan borrower type	NSLDS Loan Variables	2		A	Yes
29	NSLDS Loan File	TOT_DIS	Total amount disbursed	NSLDS Loan Variables	5		N	No
29	NSLDS Loan File	AMT	Loan amount awarded	NSLDS Loan Variables	5		N	No
29	NSLDS Loan File	INT_RT	Interest rate	NSLDS Loan Variables	5	3	N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
29	NSLDS Loan File	CURR_LOAN_STAT	Latest loan status	NSLDS Loan Variables	2		A	Yes
29	NSLDS Loan File	OUT_PRIN_BAL	Latest outstanding principal balance	NSLDS Loan Variables	5		N	No
29	NSLDS Loan File	OUT_INT_BAL	Latest outstanding interest balance	NSLDS Loan Variables	5		N	No
29	NSLDS Loan File	LOAN_DT	Date loan was established	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	CURR_DIS_DT	Latest disbursement date	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	CURR_GA_CODE	Current guarantee agency code	NSLDS Loan Variables	3		N	Yes
29	NSLDS Loan File	ACAD_LVL	Academic level	NSLDS Loan Variables	2		A	Yes
29	NSLDS Loan File	PER_BEG_DT	Date enrollment period began	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	PER_END_DT	Date enrollment period ended	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	SCH_CODE	School code (6-digit OPEID)	NSLDS Loan Variables	6		A	No
29	NSLDS Loan File	SCH_BR_CODE	School branch code (8-digit OPEID)	NSLDS Loan Variables	8		A	No
29	NSLDS Loan File	CURR_MAT_DT	Latest repayment date	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	CURR_LOAN_STAT_DT	Date loan entered latest status	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	OUT_PRIN_BAL_DT	Date of latest outstanding principal balance	NSLDS Loan Variables	8		N	No
29	NSLDS Loan File	OUT_INT_BAL_DT	Date of latest outstanding interest balance	NSLDS Loan Variables	8		N	No
30	NSLDS Award Origin File	STU_ID	Student ID	NSLDS Award Origin Variables	5		A	No
30	NSLDS Award Origin File	AWARD_YR	Federal award year	NSLDS Award Origin Variables	4		N	Yes
30	NSLDS Award Origin File	DEP_LOAN	Dependency status (for loans)	NSLDS Award Origin Variables	2		N	Yes
30	NSLDS Award Origin File	ADD_UNSB	Additional unsubsidized loan eligibility	NSLDS Award Origin Variables	2		N	Yes
30	NSLDS Award Origin File	HPPA_FLAG	Health Professionals Program additional loan eligibility	NSLDS Award Origin Variables	2		N	Yes
30	NSLDS Award Origin File	ATT_SCH_BR1	Attending school 1 (for loans)	NSLDS Award Origin Variables	8		A	No
30	NSLDS Award Origin File	ACAD_YR_BEG_DT1	Academic year begin date 1 (for loans)	NSLDS Award Origin Variables	6		N	No
30	NSLDS Award Origin File	ACAD_YR_END_DT1	Academic year ending date 1 (for loans)	NSLDS Award Origin Variables	6		N	No
30	NSLDS Award Origin File	ATT_SCH_BR2	Attending school 2 (for loans)	NSLDS Award Origin Variables	8		A	No
30	NSLDS Award Origin File	ACAD_YR_BEG_DT2	Academic year begin date 2 (for loans)	NSLDS Award Origin Variables	6		N	No
30	NSLDS Award Origin File	ACAD_YR_END_DT2	Academic year ending date 2 (for loans)	NSLDS Award Origin Variables	6		N	No
30	NSLDS Award Origin File	ATT_SCH_BR3	Attending school 3 (for loans)	NSLDS Award Origin Variables	8		A	No
30	NSLDS Award Origin File	ACAD_YR_BEG_DT3	Academic year begin date 3 (for loans)	NSLDS Award Origin Variables	6		N	No
30	NSLDS Award Origin File	ACAD_YR_END_DT3	Academic year ending date 3 (for loans)	NSLDS Award Origin Variables	6		N	No
31	NSLDS Non-Stafford Loan Default File	STU_ID	Student ID	NSLDS Non-Stafford Loan Default Variables	5		A	No
31	NSLDS Non-Stafford Loan Default File	LOANID	Loan ID	NSLDS Non-Stafford Loan Default Variables	9		N	No
31	NSLDS Non-Stafford Loan Default File	PFYLOAN	Primary institution first year loan	NSLDS Non-Stafford Loan Default Variables	2		N	Yes
31	NSLDS Non-Stafford Loan Default File	FIRST_DEF_DT	Date the loan first entered default	NSLDS Non-Stafford Loan Default Variables	8		N	No
31	NSLDS Non-Stafford Loan Default File	LAST_STAT_DT	Date the latest loan status was current	NSLDS Non-Stafford Loan Default Variables	8		N	No

(Continued)

File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
31	NSLDS Non-Stafford Loan Default File	LAST_STAT	Latest status of the defaulted loan	NSLDS Non-Stafford Loan Default Variables	2		N	Yes
32	NSLDS Stafford Loan Default File	STU_ID	Student ID	NSLDS Stafford Loan Default Variables	5		A	No
32	NSLDS Stafford Loan Default File	LOANID	Loan ID	NSLDS Stafford Loan Default Variables	9		N	No
32	NSLDS Stafford Loan Default File	PFYLOAN	Primary institution first year loan	NSLDS Stafford Loan Default Variables	2		N	Yes
32	NSLDS Stafford Loan Default File	DEF_BEG_DT	Day the default occurrence began	NSLDS Stafford Loan Default Variables	8		N	No
32	NSLDS Stafford Loan Default File	DEF_END_DT	Day the default occurrence ended	NSLDS Stafford Loan Default Variables	8		N	No
32	NSLDS Stafford Loan Default File	DEF_END_RSN	Reason the default occurrence ended	NSLDS Stafford Loan Default Variables	2		N	Yes
33	NSLDS Enrollment Status File	STU_ID	Student ID	NSLDS Enrollment Status Variables	5		A	No
33	NSLDS Enrollment Status File	SCH_CODE	School code (6-digit OPEID)	NSLDS Enrollment Status Variables	6		A	No
33	NSLDS Enrollment Status File	SCH_BR_CODE	School branch code (8-digit OPEID)	NSLDS Enrollment Status Variables	8		A	No
33	NSLDS Enrollment Status File	CODE	Enrollment status code	NSLDS Enrollment Status Variables	2		A	Yes
33	NSLDS Enrollment Status File	EFF_DT	Enrollment code effective date	NSLDS Enrollment Status Variables	8		N	No
33	NSLDS Enrollment Status File	CRED_LVL	Credential level of program	NSLDS Enrollment Status Variables	2		N	Yes
33	NSLDS Enrollment Status File	CIP_CODE	CIP Code	NSLDS Enrollment Status Variables	6		A	No
34	NSLDS Loan Deferment File	STU_ID	Student ID	NSLDS Loan Deferment Variables	5		A	No
34	NSLDS Loan Deferment File	LOANID	Loan ID	NSLDS Loan Deferment Variables	9		N	No
34	NSLDS Loan Deferment File	PFYLOAN	Primary institution first year loan	NSLDS Loan Deferment Variables	2		N	Yes
34	NSLDS Loan Deferment File	DFR_TYPE	Deferment type	NSLDS Loan Deferment Variables	2		A	Yes
34	NSLDS Loan Deferment File	DFR_BEG_DT	Deferment beginning date	NSLDS Loan Deferment Variables	8		N	No
34	NSLDS Loan Deferment File	DFR_END_DT	Deferment end date	NSLDS Loan Deferment Variables	8		N	No
35	NSLDS Loan Delinquency File	STU_ID	Student ID	NSLDS Loan Delinquency Variables	5		A	No
35	NSLDS Loan Delinquency File	LOANID	Loan ID	NSLDS Loan Delinquency Variables	9		N	No
35	NSLDS Loan Delinquency File	PFYLOAN	Primary institution first year loan	NSLDS Loan Delinquency Variables	2		N	Yes
35	NSLDS Loan Delinquency File	DELINQ_BEG_DT	Delinquency beginning date	NSLDS Loan Delinquency Variables	8		N	No
35	NSLDS Loan Delinquency File	DELINQ_END_DT	Delinquency ending date	NSLDS Loan Delinquency Variables	8		N	No
36	NSLDS Loan Disbursement File	STU_ID	Student ID	NSLDS Loan Disbursement Variables	5		A	No
36	NSLDS Loan Disbursement File	LOANID	Loan ID	NSLDS Loan Disbursement Variables	9		N	No
36	NSLDS Loan Disbursement File	PFYLOAN	Primary institution first year loan	NSLDS Loan Disbursement Variables	2		N	Yes
36	NSLDS Loan Disbursement File	DIS_DT	Disbursement date	NSLDS Loan Disbursement Variables	8		N	No
36	NSLDS Loan Disbursement File	CUM_AMT	Cumulative amount disbursed on the loan	NSLDS Loan Disbursement Variables	5		N	No
36	NSLDS Loan Disbursement File	AMT_DIFF	Amount disbursed on the disbursement date	NSLDS Loan Disbursement Variables	5		N	No
37	NSLDS Loan Forbearance File	STU_ID	Student ID	NSLDS Loan Forbearance Variables	5		A	No
37	NSLDS Loan Forbearance File	LOANID	Loan ID	NSLDS Loan Forbearance Variables	9		N	No
37	NSLDS Loan Forbearance File	PFYLOAN	Primary institution first year loan	NSLDS Loan Forbearance Variables	2		N	Yes

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File	FileDesc	Field	Label	SectionDesc	Len	Dec	Type	Discrete
37	NSLDS Loan Forbearance File	FB_BEG_DT	Forbearance beginning date	NSLDS Loan Forbearance Variables	8		N	No
37	NSLDS Loan Forbearance File	FB_END_DT	Forbearance ending date	NSLDS Loan Forbearance Variables	8		N	No
37	NSLDS Loan Forbearance File	FB_TYPE	Forbearance type	NSLDS Loan Forbearance Variables	2		A	Yes
38	NSLDS Outstanding Interest Balance File	STU_ID	Student ID	NSLDS Outstanding Interest Balance Variables	5		A	No
38	NSLDS Outstanding Interest Balance File	LOANID	Loan ID	NSLDS Outstanding Interest Balance Variables	9		N	No
38	NSLDS Outstanding Interest Balance File	PFYLOAN	Primary institution first year loan	NSLDS Outstanding Interest Balance Variables	2		N	Yes
38	NSLDS Outstanding Interest Balance File	OIB_AMT	Outstanding interest balance	NSLDS Outstanding Interest Balance Variables	5		N	No
38	NSLDS Outstanding Interest Balance File	OIB_DT	Date OIB considered current	NSLDS Outstanding Interest Balance Variables	8		N	No
38	NSLDS Outstanding Interest Balance File	OIB_END_DT	Last date OIB considered current	NSLDS Outstanding Interest Balance Variables	8		N	No
39	NSLDS Outstanding Principal Balance File	STU_ID	Student ID	NSLDS Outstanding Principal Balance Variables	5		A	No
39	NSLDS Outstanding Principal Balance File	LOANID	Loan ID	NSLDS Outstanding Principal Balance Variables	9		N	No
39	NSLDS Outstanding Principal Balance File	PFYLOAN	Primary institution first year loan	NSLDS Outstanding Principal Balance Variables	2		N	Yes
39	NSLDS Outstanding Principal Balance File	OPB_AMT	Outstanding principal balance	NSLDS Outstanding Principal Balance Variables	5		N	No
39	NSLDS Outstanding Principal Balance File	OPB_DT	Date OPB considered current	NSLDS Outstanding Principal Balance Variables	8		N	No
39	NSLDS Outstanding Principal Balance File	OPB_END_DT	Last date OPB considered current	NSLDS Outstanding Principal Balance Variables	8		N	No
40	NSLDS Loan Repayment Plan File	STU_ID	Student ID	NSLDS Loan Repayment Plan Variables	5		A	No
40	NSLDS Loan Repayment Plan File	LOANID	Loan ID	NSLDS Loan Repayment Plan Variables	9		N	No
40	NSLDS Loan Repayment Plan File	PFYLOAN	Primary institution first year loan	NSLDS Loan Repayment Plan Variables	2		N	Yes
40	NSLDS Loan Repayment Plan File	RPMT_TYPE	Type of repayment plan	NSLDS Loan Repayment Plan Variables	2		A	Yes
40	NSLDS Loan Repayment Plan File	RPMT_DT	Date repayment plan began	NSLDS Loan Repayment Plan Variables	8		N	No
40	NSLDS Loan Repayment Plan File	SCHED_PMT	Scheduled monthly payment	NSLDS Loan Repayment Plan Variables	4		N	No
40	NSLDS Loan Repayment Plan File	TERM_IN_MO	Length of the repayment plan in months	NSLDS Loan Repayment Plan Variables	3		N	No

Appendix I: Documentation for Composite Variables

A number of derived variables have been constructed in order to enhance substantive analysis. Readers should note that not all of the composite variables are available on the public use file. Examples of restricted use composites unavailable on the public use file include (among many others) X5PFYINSTSTAT, X5ENROLLST, and X5CITIZEN. In addition to the fact that some composite variables have been suppressed on the public use file, others have been coarsened through recoding (X4EMPHRSFB16 is an example of such a recoded variable). Note also that the only files available for public-use are the student file and the school file. The following variables are for HSLs PETS and Student Records.

X5REQTRANS

Label: Postsecondary Transcript: Total transcripts requested

Description: Indicates the total number of transcripts requested for the student as of June 2016.

Notes: Transcripts were requested from all known institutions attended by sample members (including all IPEDS coded institutions that the student reported in the HSLs:09 2013 update and second follow-up student interviews as well as institutions present on received transcripts). When additional, previously unreported postsecondary institutions were identified on transcripts (e.g., associated with the transfer of credit), transcripts were also requested from these postsecondary institutions. Transcripts for institutions that are uncodable, unknown, or foreign were not requested.

Applies To: Postsecondary transcript respondents.

X5RECTRANS

Label: Postsecondary Transcript: Number of transcripts received

Description: Indicates the total number of transcripts received for the student.

Notes: Transcripts were requested from all known institutions attended by sample members (including all IPEDS coded institutions that the student reported in the HSLs:09 2013 update and second follow-up student interviews as well as institutions present on received transcripts). When additional, previously unreported postsecondary institutions were identified on transcripts (e.g., associated with the transfer of credit), transcripts were also requested from these postsecondary institutions. Transcripts for institutions that are uncodable, unknown, or foreign were not requested. A transcript was considered received if the transcript included degree, term, or course information.

Applies To: Postsecondary transcript respondents.

X5TRPTMS

Label: Postsecondary Transcript: Total missing transcripts

Description: Indicates the total number of transcripts that were requested but not received for the student.

Notes: Transcripts were requested from all known institutions attended by sample members (including all IPEDS coded institutions that the student reported in the HSLs:09 2013 update and second follow-up student interviews as well as institutions present on received transcripts). When additional, previously unreported postsecondary institutions were identified on transcripts (e.g., associated with the transfer of credit), transcripts were also requested from these postsecondary institutions. Transcripts for institutions that are uncodable, unknown, or foreign were not requested. A transcript was considered received if the transcript included degree, term, or course information.

Applies To: Postsecondary transcript respondents.

X5COVERAGE

Label: Postsecondary Transcript: Overall transcript coverage indicator

Description: Indicates the completeness of a sample member's transcript data.

Notes: Transcripts were requested from all known institutions attended by sample members (including all IPEDS coded institutions that the student reported in the HSLS:09 2013 update and second follow-up student interviews as well as institutions present on received transcripts). When additional, previously unreported postsecondary institutions were identified on transcripts (e.g., associated with the transfer of credit), transcripts were also requested from these postsecondary institutions. Transcripts for institutions that are uncodable, unknown, or foreign were not requested. A transcript was considered received if the transcript included degree, term, or course information. Incomplete transcripts were considered received.

Applies To: Postsecondary transcript respondents.

X5TRANRESP

Label: Postsecondary Transcript: Transcript response status

Description: Indicates the sample member's response status for the HSLS:09 Postsecondary Education Transcript Study (PETS).

Notes: A transcript was considered received if the transcript included degree, term, or course information. Incomplete transcripts were counted as received. For a small number of cases, one or more unknown/uncodable postsecondary institutions reported by sample members were found to be non-postsecondary institutions. Such postsecondary institutions have been removed from the student-institution pairs and did not factor into the construction of this variable. As a result, this variable may not be consistent with prior round variables that indicate postsecondary attendance. Further, if a student reported only unknown/uncodable postsecondary institutions in prior round interviews, they were assigned a value of 3.

Applies To: All students.

X5LASTHSMY

Label: Postsecondary Transcript: Last known date of high school attendance

Description: Indicates the last known date of high school attendance as of June 2016.

Notes: Date values are presented in a YYYYMM format. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. This variable will only reflect that last known date of high school attendance.

Applies To: Postsecondary transcript respondents.

X5DUALCRSFLG

Label: Postsecondary Transcript: Dual enrollment indicator (based on courses)

Description: Indicates whether the student was ever dual enrolled, based on course information as of June 2016.

Notes: Dual enrollment is defined as a postsecondary course taken prior to high school completion for postsecondary credit. This dataset includes 3 different variables to measure a student's dual enrollment status. X5DUALCRSFLG calculates whether a student had dual enrollment based off of course-level transcript indicators and comparing course dates to the last date enrolled at high school (X5LASTHSMY). For this variable, a course may be missing dates but flagged as a dual enrollment course based on transcript indicators. X5DUALDTFLG calculates whether a student had dual enrollment based off of the first- and last-attended dates at each institution. For this variable, a student may have no courses set to dual enrolled but dates obtained from another source indicate dual enrollment. X5DUALFLG uses both X5DUALCRSFLG and X5DUALDTFLG to create an overall assessment of dual enrollment. This variable used X5LASTHSMY to determine the last date the student attended high school. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. This variable was not reconciled with the prior round HSLS:09 dual enrollment variables.

Applies To: Postsecondary transcript respondents.

X5DUALDTFLG

Label: Postsecondary Transcript: Dual enrollment indicator (based on dates)

Description: Indicates whether the student was ever dual enrolled, based on enrollment dates as of June 2016.

Notes: Dual enrollment is defined as a postsecondary course taken prior to high school completion for postsecondary credit. This dataset includes 3 different variables to measure a student's dual enrollment status. X5DUALCRSFLG calculates whether a student had dual enrollment based off of course-level transcript indicators and comparing course dates to the last date enrolled at high school (X5LASTHSMY). For this variable, a course may be missing dates but flagged as a dual enrollment course based on transcript indicators. X5DUALDTFLG calculates whether a student had dual enrollment based off of the first- and last-attended dates at each institution. For this variable, a student may have no courses set to dual enrolled but dates obtained from another source indicate dual enrollment. X5DUALFLG uses both X5DUALCRSFLG and X5DUALDTFLG to create an overall assessment of dual enrollment. This variable used X5LASTHSMY to determine the last date the student attended high school. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLS:09 (HSLS:09 F2). This variable includes an input variable that may have been modified in this manner. This variable was not reconciled with the prior round HSLS:09 dual enrollment variables.

Applies To: Postsecondary transcript respondents.

X5DUALFLG

Label: Postsecondary Transcript: Dual enrollment indicator (based on dates and courses)

Description: Indicates whether the student was ever dual enrolled, based on dates and courses as of June 2016.

Notes: Dual enrollment is defined as a postsecondary course taken prior to high school completion for postsecondary credit. This dataset includes 3 different variables to measure a student's dual enrollment status. X5DUALCRSFLG calculates whether a student had dual enrollment based off of course-level transcript indicators and comparing course dates to the last date enrolled at high school (X5LASTHSMY). For this variable, a course may be missing dates but flagged as a dual enrollment course based on transcript indicators. X5DUALDTFLG calculates whether a student had dual enrollment based off of the first- and last-attended dates at each institution. For this variable, a student may have no courses set to dual enrolled but dates obtained from another source indicate dual enrollment. X5DUALFLG uses both X5DUALCRSFLG and X5DUALDTFLG to create an overall assessment of dual enrollment. This variable used X5LASTHSMY to determine the last date the student attended high school. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner. This variable was not reconciled with the prior round HSLs:09 dual enrollment variables.

Applies To: Postsecondary transcript respondents.

X5PS1START

Label: Postsecondary Transcript: Date of first known postsecondary education attendance

Description: Indicates the date of the student's first known postsecondary education attendance.

Notes: Date values are presented in a YYYYMM format. Enrollment exclusively at an institution while in high school (T5SSCHORDR = 0) is not included in this variable. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment and would not be included. If a student began attending an institution while in high school and continued after high school completion (T5SSCHORDR gt 0), this date will be prior to high school completion. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. Many variables include a filter to exclude course, term, and degree information after June 2016. As a result, if X5PS1START is after June 2016 then course-, term-, and degree-based variables will be missing unless one or more records are present with missing dates. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment.

Applies To: Postsecondary transcript respondents.

X5HS2PS1

Label: Postsecondary Transcript: Number of known months between high school exit and postsecondary entry

Description: Indicates the number of months between high school exit and postsecondary entry.

Notes: See X5PS1START for more information regarding the calculation of the start of known postsecondary education. This variable used X5LASTHSMY to determine the last date the student attended high school. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSL:09 (HSL:09 F2). This variable includes an input variable that may have been modified in this manner.

Applies To: Postsecondary transcript respondents.

X5ENROLLST

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string (January 2011 - June 2016)

Description: Indicates the student's enrollment at all institutions with a 66-character string. The string spans January 2011 through June 2016 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1011

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for portion of 2010-2011 academic year (January 2011 - June 2011)

Description: Indicates the student's enrollment at all institutions with a 6-character string. The string spans January 2011 through June 2011 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1112

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for 2011-2012 academic year (July 2011 - June 2012)

Description: Indicates the student's enrollment at all institutions with a 12-character string. The string spans July 2011 through June 2012 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1213

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for 2012-2013 academic year (July 2012 - June 2013)

Description: Indicates the student's enrollment at all institutions with a 12-character string. The string spans July 2012 through June 2013 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1314

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for 2013-2014 academic year (July 2013 - June 2014)

Description: Indicates the student's enrollment at all institutions with a 12-character string. The string spans July 2013 through June 2014 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1415

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for 2014-2015 academic year (July 2014 - June 2015)

Description: Indicates the student's enrollment at all institutions with a 12-character string. The string spans July 2014 through June 2015 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5ENROLL1516

Label: Postsecondary Transcript: Month-by-month known enrollment indicator string for 2015-2016 academic year (July 2015 - June 2016)

Description: Indicates the student's enrollment at all institutions with a 12-character string. The string spans July 2015 through June 2016 with each month representing one character. See "Code" for more information regarding the values for this string.

Applies To: Postsecondary transcript respondents.

X5LASTENR16

Label: Postsecondary Transcript: Known spring 2016 enrollment

Description: Indicates the student's spring 2016 enrollment and institution level.

Notes: Spring 2016 is defined as January 2016 through June 2016. If the student was enrolled at multiple institutions in Spring 2016, priority was given to 4-year institutions. Degree records where T5DDEGRECV D = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5ENRATT

Label: Postsecondary Transcript: Combined known enrollment and attainment as of June 2016

Description: Indicates student's postsecondary enrollment and attainment as of June 2016.

Notes: Level of attainment is determined by highest degree earned at an IPEDS institution as of June 2016. Degree records where T5DDEGRECV D = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5MONENROL

Label: Postsecondary Transcript: Total known months enrolled

Description: Indicates the total number of known months enrolled as an undergraduate as of June 2016.

Applies To: Postsecondary transcript respondents.

X5STOPGT4M

Label: Postsecondary Transcript: Count of known stopouts longer than 4 months

Description: Indicates the number of stopouts in undergraduate enrollment with a duration of more than 4 months, based on term dates, as of June 2016.

Notes: A stopout is defined as a student's gap in enrollment (i.e., a period of non-enrollment following a period of enrollment and preceding another period of enrollment). This variable uses the enrollment string to calculate gaps in enrollment. See X5ENROLLST for more information about how the enrollment string is created.

Applies To: Postsecondary transcript respondents.

X5SCHTOTAL

Label: Postsecondary Transcript: Total known institutions attended

Description: Indicates the total number of known postsecondary institutions that the student attended for their postsecondary education as of June 2016.

Notes: X5SCHTOTAL counts all known institutions the student attended regardless of dates attended. It should be noted that, for a small number of cases, one or more unknown/uncodable postsecondary institutions reported by sample members were found to be non-postsecondary institutions. Such postsecondary institutions have been removed from the student-institution pairs and did not factor into the construction of this variable. If a student reported only unknown/uncodable postsecondary institutions in prior round interviews they were assigned a value of X5TRANRESP = 3 and therefore have a value of -6 for this variable. As a result, this variable may not be consistent with prior round variables that indicate postsecondary attendance. Any attendance reported in a prior round interview from an unknown/uncodable/foreign institution was not combined with unknown/uncodable/foreign institutions in the current transcript collection. These are not combined because it was not possible to confirm that the institutions are the same.

Applies To: Postsecondary transcript respondents.

X5PS1SLC

Label: Postsecondary Transcript: Institutional selectivity of first known postsecondary institution

Description: Indicates the selectivity of the first known postsecondary institution attended as reported to IPEDS.

Notes: Selectivity was attained by admissions for the postsecondary institutions reported in 2002-2014 IPEDS and 2010 Carnegie classifications. The HSLs:09 postsecondary institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable “CCUGPROF” (Carnegie Classification 2010: Undergraduate Profile). For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>. Enrollment at an institution exclusively while in high school (T5SSCHLORDR = 0) is not included in this variable. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner.

Applies To: Postsecondary transcript respondents.

X5PS1SEC

Label: Postsecondary Transcript: Sector of first known postsecondary institution

Description: Indicates the 12-category postsecondary institutional sector of the first known postsecondary institution attended as reported to IPEDS.

Notes: This variable is constructed by combining the control (public, private for-profit, and private nonprofit) and the level (4-year, 2-year, less-than-2-year) of the postsecondary institution. This variable uses T5SSCHLORDR to identify the first known postsecondary institution attended. For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>. Enrollment at an institution exclusively while in high school (T5SSCHORDR = 0) is not included in this variable. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner.

Applies To: Postsecondary transcript respondents.

X5PS1INSTCAT2

Label: Postsecondary Transcript: Institutional category and control of first known postsecondary institution

Description: Indicates the institutional category and control of the first known postsecondary institution attended as reported to IPEDS.

Notes: This variable is derived using the level of offerings reported on the Institutional Characteristics (IC) component and the number and level of awards that are reported on the Completions (C) component for IPEDS. This variable uses T5SSCHLORDR to identify the first known postsecondary institution attended. For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>. Enrollment at an institution exclusively while in high school (T5SSCHORDR = 0) is not included in this variable. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner.

Applies To: Postsecondary transcript respondents.

X5HIGHDEG

Label: Postsecondary Transcript: Highest known degree obtained as of June 2016

Description: Indicates the highest known degree the student attained from any postsecondary institution as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5HIGHDATE

Label: Postsecondary Transcript: Date of highest known degree obtained as of June 2016

Description: Indicates the date of the highest degree obtained as of June 2016.

Notes: This variable is presented in YYYYMM format. Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5HIGHCIP

Label: Postsecondary Transcript: 6-digit CIP code of highest known degree obtained as of June 2016

Description: Indicates the 6-digit CIP code of the highest degree obtained as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable. The 2010 Classification of Instructional Programs (CIP) was used to code these data. See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5HIGH23MAJ

Label: Postsecondary Transcript: 23-category major of highest known degree obtained as of June 2016

Description: Indicates the 23-category major for the highest known degree the student received from any postsecondary institution as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable. These categories are created using the 2010 Classification of Instructional Programs (CIP). See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5HIGH10MAJ

Label: Postsecondary Transcript: 10-category major of highest known degree obtained as of June 2016

Description: Indicates the 10-category major for the highest known degree the student received from any postsecondary institution as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable. These categories are created using the 2010 Classification of Instructional Programs (CIP). See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5HIGH11MAJ

Label: Postsecondary Transcript: 11-category major of highest known degree obtained as of June 2016

Description: Indicates the 11-category major for the highest known degree the student received from any postsecondary institution as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable. These categories are created using the 2010 Classification of Instructional Programs (CIP). See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5HIGHSEC

Label: Postsecondary Transcript: Sector of institution that awarded highest known degree as of June 2016

Description: Indicates the sector of institution that awarded the highest degree as of June 2016.

Notes: This variable is constructed by combining the control (public, private for-profit, and private nonprofit) and the level (4-year, 2-year, less-than-2-year) of the postsecondary institution. Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5STEMCRED

Label: Postsecondary Transcript: Any known degree received in STEM field (using the SMART grant definition of STEM)

Description: Indicates whether any degree was received in the science, technology, engineering, and mathematics (STEM) field (using the SMART grant definition of STEM) as of June 2016.

Notes: The degree codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d). Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CIP codes used to indicate STEM degrees based on the SMART grant definition. The categories are created using the 2010 Classification of Instructional Programs (CIP). See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP. Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5CTECRED

Label: Postsecondary Transcript: Any known degree received in CTE field

Description: Indicates whether any degree was received with a major (major 1 or major 2) in the CTE field as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable. The categories are created using the 2010 Classification of Instructional Programs (CIP). See <https://nces.ed.gov/ipeds/cipcode/> for more information on the CIP.

Applies To: Postsecondary transcript respondents who attained a degree or certificate as of June 2016.

X5CERTCRED

Label: Postsecondary Transcript: Total number of known undergraduate certificate or diplomas received

Description: Indicates the total number of undergraduate certificate or diplomas received as of June 2016.

Notes: Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5ASSOCCRED

Label: Postsecondary Transcript: Total number of known associate degrees received

Description: Indicates the total number of associate degrees received.

Notes: Degree records where T5DDEGRECV D = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5BACCRED

Label: Postsecondary Transcript: Total number of known bachelor's degrees received

Description: Indicates the total number of bachelor's degrees received as of June 2016.

Notes: Degree records where T5DDEGRECV D = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents.

X5POSTATT

Label: Postsecondary Transcript: Postsecondary career: known credits attempted

Description: Indicates the total number of known normalized credits that the student attempted in their postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5POSTERN

Label: Postsecondary Transcript: Postsecondary career: known credits earned

Description: Indicates the total number of known normalized credits that the student earned in their postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5GPAALL

Label: Postsecondary Transcript: GPA at all known institutions attended

Description: Indicates cumulative GPA at all known institutions attended as of June 2016.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits and grades, which places the hours, credit units, and grades received on a common scale so that credit units and grades can be compared across institutions. See T5CNORMCRED for further information about credit normalization and T5CNORMGRDE for further information about grade normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit with grades at all known institutions as of June 2016.

X5PSEERNAT

Label: Postsecondary Transcript: Postsecondary career: ratio of known credits earned to known credits attempted

Description: Indicates the ratio of known credits earned to attempted credits during the student’s postsecondary career as of June 2016.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED and T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Non-traditional credits may be counted as credits earned but not credits attempted. This may result in values greater than 1.

Applies To: Postsecondary transcript respondents.

X5TOTEDATT

Label: Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known credits attempted

Description: Indicates total known credits attempted during student’s postsecondary career as of June 2016.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, transfer, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. Dual enrollment is excluded from this variable.

Applies To: Postsecondary transcript respondents.

X5TOTEDERN

Label: Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known credits earned

Description: Indicates known credits earned during student's postsecondary career as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Dual enrollment is excluded from this variable.

Applies To: Postsecondary transcript respondents.

X5TOTEDRAT

Label: Postsecondary Transcript: Postsecondary career (excluding dual enrollment): ratio of known earned credit to known attempted credit

Description: Indicates ratio of known credits earned to attempted credits for student's postsecondary career as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED and T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Dual enrollment is excluded from this variable. Non-traditional credits may be counted as credits earned but not credits attempted. This may result in values greater than 1.

Applies To: Postsecondary transcript respondents.

X5TOTEDGPA

Label: Postsecondary Transcript: Postsecondary career (excluding dual enrollment): known GPA

Description: Indicates cumulative GPA for student's postsecondary career as of June 2016.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit as of June 2016.

X5GPAMAN

Label: Postsecondary Transcript: GPA at institution with greatest number of known credits earned

Description: Indicates student's GPA at the institution with the greatest number of credits earned as of June 2016.

Notes: For more information, see the T5SINSTGPA. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit with grades at the institution with the greatest number of known credits earned as of June 2016.

X5GPA1STSC

Label: Postsecondary Transcript: GPA at first known institution attended

Description: Indicates GPA at student's first known institution attended as of June 2016.

Notes: For more information, see the T5SINSTGPA. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit with grades at first known institution attended as of June 2016.

X5GPALAST

Label: Postsecondary Transcript: GPA at last known institution attended

Description: Indicates GPA at student's last known institution attended as of June 2016.

Notes: For more information, see the T5SINSTGPA. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit with grades at last known institution attended as of June 2016.

X5GPACRT

Label: Postsecondary Transcript: GPA at first known certificate institution

Description: Indicates GPA at the institution where the student first earned a certificate as of June 2016.

Notes: For more information, see the T5SINSTGPA. GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents who earned a certificate as of June 2016.

X5GPAASSOC

Label: Postsecondary Transcript: GPA at first known associate degree institution

Description: Indicates GPA at the institution where the student first earned an associate degree as of June 2016.

Notes: For more information, see the T5SINSTGPA. GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Degree records where T5DDEGRECV = 1 and T5DEGREEDTE > 201606 are not counted as a received degree in the calculation of this variable.

Applies To: Postsecondary transcript respondents who earned an associate degree as of June 2016.

X5HSCRDERN

Label: Postsecondary Transcript: Dual enrollment: known credits earned

Description: Indicates the total amount of normalized credits earned at all institutions prior to high school completion.

Notes: Dual enrollment credits are credits that are marked as dual enrollment on student’s transcript or courses taken prior to high school completion. This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5YR1ATT

Label: Postsecondary Transcript: First year enrollment: known credits attempted

Description: Indicates the total amount of credits attempted during the student's first year of postsecondary enrollment as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5YR1ERN

Label: Postsecondary Transcript: First year enrollment: known credits earned

Description: Indicates the total amount of credits earned during the student's first year of postsecondary enrollment as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5YR1GPA

Label: Postsecondary Transcript: First year enrollment: known GPA

Description: Indicates the cumulative GPA during the student's first year of postsecondary enrollment as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit with grades in the first year of enrollment as of June 2016.

X5AY1314ATT

Label: Postsecondary Transcript: Academic year 2013-2014: known credits attempted

Description: Indicates the total amount of normalized credits attempted in the 2013-2014 academic year.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5AY1314ERN

Label: Postsecondary Transcript: Academic year 2013-2014: known credits earned

Description: Indicates the total amount of normalized credits earned in the 2013-2014 academic year.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5AY1314GPA

Label: Postsecondary Transcript: Academic year 2013-2014: known GPA

Description: Indicates GPA for the 2013-2014 academic year.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit in the 2013-2014 academic year.

X5AY1415ATT

Label: Postsecondary Transcript: Academic year 2014-2015: known credits attempted

Description: Indicates the total amount of normalized credits attempted in the 2014-2015 academic year.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5AY1415ERN

Label: Postsecondary Transcript: Academic year 2014-2015: known credits earned

Description: Indicates the total amount of normalized credits earned in the 2014-2015 academic year.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5AY1415GPA

Label: Postsecondary Transcript: Academic year 2014-2015: known GPA

Description: Indicates GPA for the 2014-2015 academic year.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit in the 2014-2015 academic year.

X5AY1516ATT

Label: Postsecondary Transcript: Academic year 2015-2016: known credits attempted

Description: Indicates the total amount of normalized credits attempted in the 2015-2016 academic year.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, transfer, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript.

Applies To: Postsecondary transcript respondents.

X5AY1516ERN

Label: Postsecondary Transcript: Academic year 2015-2016: known credits earned

Description: Indicates the total amount of normalized credits earned in the 2015-2016 academic year.

Notes: This variable utilizes “normalized” credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5AY1516GPA

Label: Postsecondary Transcript: Academic year 2015-2016: known GPA

Description: Indicates GPA for the 2015-2016 academic year.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit in the 2015-2016 academic year.

X5STEM1ATT

Label: Postsecondary Transcript: STEM (using SMART grant definition of STEM): known credits attempted

Description: Indicates the total number of known normalized credits attempted in science, technology, engineering, and mathematics (STEM) courses by the student for their undergraduate education as of June 2016 (using SMART Grant definition of STEM).

Notes: The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d). Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. Dual enrollment is excluded from this variable. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

X5STEM1ERN

Label: Postsecondary Transcript: STEM (using SMART grant definition of STEM): known credits earned

Description: Indicates the total number of known normalized credits earned in science, technology, engineering, and mathematics (STEM) courses by the student for their undergraduate education as of June 2016 (using SMART Grant definition of STEM).

Notes: The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d). Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5STEM1GPA

Label: Postsecondary Transcript: STEM (using SMART grant definition of STEM): known GPA

Description: Indicates the known grade-point average (GPA) for all science, technology, engineering, and mathematics (STEM) courses taken by the student for their undergraduate education as of June 2016 (using SMART Grant definition of STEM).

Notes: The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d). Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. GPA is normalized to a 4.0 scale. This variable utilizes “normalized” credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents who have courses as a part of an undergraduate program and attempted credits in STEM courses as of June 2016.

X5STEM3ATT

Label: Postsecondary Transcript: STEM (using NCES grant definition of STEM): known credits attempted

Description: Indicates the total amount of normalized credits attempted in science, technology, engineering, and mathematics (STEM, using NCES grant definition of STEM) courses during the student's postsecondary education as of June 2016.

Notes: For more details on how major fields of study are categorized, see Chen, X. 2009. Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education (NCES 2009-161). U.S. Department of Education. Washington, DC: National Center for Education Statistics. <https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009161>. See T5CSTEM3FLG for further information about specific CCM codes used to indicate STEM courses based on the NCES grant definition. The 2010 College Course Map (CCM) is used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. Dual enrollment is excluded from this variable. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5STEM3ERN

Label: Postsecondary Transcript: STEM (using NCES grant definition of STEM): known credits earned

Description: Indicates whether STEM credits were earned using the NCES grant definition of science, technology, engineering, and mathematics (STEM, using NCES grant definition of STEM) as of June 2016.

Notes: For more details on how major fields of study are categorized, see Chen, X. 2009. Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education (NCES 2009-161). U.S. Department of Education. Washington, DC: National Center for Education Statistics. <https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009161>. See T5CSTEM3FLG for further information about specific CCM codes used to indicate STEM courses based on the NCES grant definition. The 2010 College Course Map (CCM) is used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. Dual enrollment is excluded from this variable. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5STEM3GPA

Label: Postsecondary Transcript: STEM (using NCES grant definition of STEM): known GPA

Description: Indicates known grade-point average (GPA) for all science, technology, engineering, and mathematics (STEM, using NCES grant definition of STEM) courses taken during the student's postsecondary education as of June 2016.

Notes: For more details on how major fields of study are categorized, see Chen, X. 2009. Students Who Study Science, Technology, Engineering, and Mathematics (STEM) in Postsecondary Education (NCES 2009-161). U.S. Department of Education. Washington, DC: National Center for Education Statistics. <https://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2009161>. See T5CSTEM3FLG for further information about specific CCM codes used to indicate STEM courses based on the NCES grant definition. The 2010 College Course Map (CCM) is used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents who have courses as a part of an undergraduate program and attempted credits in STEM courses as of June 2016.

X5STYR1ATT

Label: Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known credits attempted

Description: Indicates the total amount of science, technology, engineering, and mathematics (STEM) credits attempted during the student's first year of postsecondary enrollment (using SMART Grant definition of STEM) as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d).

Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, transfer, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript.

X5STYR1ERN

Label: Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known credits earned

Description: Indicates the total amount of science, technology, engineering, and mathematics (STEM) credits earned during the student's first year of postsecondary enrollment (using SMART Grant definition of STEM) as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d).

Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. This variable utilizes "normalized" credits, which places the hours or credit units earned on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

X5STYR1GPA

Label: Postsecondary Transcript: First year STEM enrollment (using SMART grant STEM definition): known GPA

Description: Indicates the cumulative GPA of science, technology, engineering, and mathematics (STEM) courses during the student's first year of postsecondary enrollment (using SMART Grant definition of STEM) as of June 2016.

Notes: "First year" refers to the first 12 months of postsecondary enrollment, not the first academic year. The course codes identified as STEM for this variable are adapted from the National Science and Mathematics Access to Retain Talent (SMART) Grant Program, 34 C.F.R. 691.17(d).

Further information about the SMART Grant program can be found here:

<https://smartscholarshipprod.servicenowservices.com/smart>. See T5CSTEM1FLG for further information about specific CCM codes used to indicate STEM courses based on the SMART grant definition. The 2010 College Course Map (CCM) is used to code these data. See

<https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSLs:09 (HSLs:09 F2). This variable includes an input variable that may have been modified in this manner. If X5PS1START is prior to high school completion (X5LASTHSMY) then this variable will include dual enrollment. GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation.

X5SUMATT

Label: Postsecondary Transcript: Summer terms: known credits attempted

Description: Indicates student's total attempted credits during summer terms as of June 2016.

Notes: Summer enrollment is defined as courses with a start date in May, June, July, or August, and an end date in June, July, or August of the same year. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization.

Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5SUMERN

Label: Postsecondary Transcript: Summer terms: known credits earned

Description: Indicates student's total earned credits during summer terms as of June 2016.

Notes: Summer enrollment is defined as courses with a start date in May, June, July, or August, and an end date in June, July, or August of the same year. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5REMTOT

Label: Postsecondary Transcript: Remedial courses: total known taken

Description: Indicates the total number of known remedial courses that the student took for their undergraduate education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMPASS

Label: Postsecondary Transcript: Remedial courses: number known passed

Description: Indicates the total number of known remedial courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that end after June 2016, are not provided by a transcript, or are a part of a graduate program should be excluded from this calculation as well. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMRAT

Label: Postsecondary Transcript: Remedial courses: ratio of known remedial courses to all known courses

Description: Indicates the ratio of remedial courses to all courses taken during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMENTOT

Label: Postsecondary Transcript: Remedial English courses: total known taken

Description: Indicates the total number of known remedial English courses taken during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMENGPS

Label: Postsecondary Transcript: Remedial English courses: number known passed

Description: Indicates the total number of known remedial English courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that end after June 2016, are not provided by a transcript, or are a part of a graduate program are excluded from this calculation. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMMTTOT

Label: Postsecondary Transcript: Remedial mathematics courses: total known taken

Description: Indicates the total number of known remedial mathematics courses taken during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMMTHPS

Label: Postsecondary Transcript: Remedial mathematics courses: number known passed

Description: Indicates the total number of known remedial mathematics courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that end after June 2016, are not provided by a transcript, or are a part of a graduate program should be excluded from this calculation as well. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5REMMTRAT

Label: Postsecondary Transcript: Remedial mathematics courses: ratio of number known taken to known passed

Description: Indicates the ratio of remedial mathematics courses taken to remedial mathematics courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation. The 2010 College Course Map (CCM) is used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5REMENRAT

Label: Postsecondary Transcript: Remedial English courses: ratio of number known taken to known passed

Description: Indicates the ratio of remedial English courses taken to remedial English courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation. The 2010 College Course Map (CCM) is used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5REMPSRAT

Label: Postsecondary Transcript: Remedial courses: ratio of number known taken to known passed

Description: Indicates the ratio of remedial courses taken to remedial courses passed during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Graduate, dropped, advanced placement, or audited courses, are excluded from this calculation as well as courses that end after June 2016 or are not provided by a transcript. The definition of remedial was revised from ELS:2002 Postsecondary Education Transcripts Study. CCM Codes 23.1397 (Business English) and 27.9990 (Business Math) have been removed from the specific criteria based on recommendations by an expert panel. See T5CREMEDIAL for more information about remedial course designation.

Applies To: Postsecondary transcript respondents.

X5WITHCRS

Label: Postsecondary Transcript: Withdrawn courses: number known

Description: Indicates the number of withdrawn courses listed on the student's transcript(s) during the student's postsecondary education as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5WITHRAT

Label: Postsecondary Transcript: Withdrawn courses: ratio of known withdrawn courses to all known courses

Description: Indicates the ratio of withdrawn courses to all courses taken as of June 2016.

Notes: Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation.

Applies To: Postsecondary transcript respondents.

X5CMTHATT

Label: Postsecondary Transcript: All college-level mathematics: known credits attempted

Description: Indicates the total amount of normalized college-level mathematics credits attempted during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CMTHERN

Label: Postsecondary Transcript: All college-level mathematics: known credits earned

Description: Indicates the total amount of normalized college-level mathematics credits earned during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5ASCIATT

Label: Postsecondary Transcript: All science: known credits attempted

Description: Indicates the total amount of normalized credits attempted in science courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5ASCIERN

Label: Postsecondary Transcript: All science: known credits earned

Description: Indicates the total amount of normalized credits earned in science courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5ENGRATT

Label: Postsecondary Transcript: All engineering: known credits attempted

Description: Indicates the total amount of normalized credits attempted in engineering courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5ENGRERN

Label: Postsecondary Transcript: All engineering: known credits earned

Description: Indicates the total amount of normalized credits earned in engineering courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5SSCERN

Label: Postsecondary Transcript: All social science: known credits earned

Description: Indicates the total amount of normalized credits earned in social science courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5HUMERN

Label: Postsecondary Transcript: All humanities: known credits earned

Description: Indicates the total amount of normalized credits earned in humanities courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CTEATT

Label: Postsecondary Transcript: Career and technical education (CTE): known credits attempted

Description: Indicates the total number of normalized credits attempted in career and technical education (CTE) courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CTEERN

Label: Postsecondary Transcript: Career and technical education (CTE): known credits earned

Description: Indicates the total number of normalized credits earned in career and technical education (CTE) courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CTEGPA

Label: Postsecondary Transcript: Career and technical education (CTE): known GPA

Description: Indicates known grade-point average (GPA) for all career and technical education (CTE) courses taken during the student's postsecondary education as of June 2016.

Notes: GPA is normalized to a 4.0 scale. This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program as well as courses that end after June 2016 or are not provided by a transcript are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents with postsecondary undergraduate attempted credit in CTE as of June 2016.

X5BUSERN

Label: Postsecondary Transcript: Business: known credits earned

Description: Indicates the total number of normalized credits earned in business courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5LGLERN

Label: Postsecondary Transcript: Business and legal support: known credits earned

Description: Indicates the total number of normalized credits earned in business and legal support courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CSCATT

Label: Postsecondary Transcript: Computer science: known credits attempted

Description: Indicates the total number of normalized credits attempted in computer science courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CSCERN

Label: Postsecondary Transcript: Computer science: known credits earned

Description: Indicates the total number of normalized credits earned in computer science courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5CTHERN

Label: Postsecondary Transcript: Computer support and technical: known credits earned

Description: Indicates the total number of normalized credits earned in computer support and technical courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5HLTERN

Label: Postsecondary Transcript: Allied health: known credits earned

Description: Indicates the total number of normalized credits earned in allied health courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5NRSERN

Label: Postsecondary Transcript: Nursing: known credits earned

Description: Indicates the total number of normalized credits earned in nursing courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5FLERN

Label: Postsecondary Transcript: Foreign language: known credits earned

Description: Indicates the total number of normalized credits earned in foreign language courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5STATATT

Label: Postsecondary Transcript: Statistics (all departments): known credits attempted

Description: Indicates the total amount of normalized credits attempted in statistics courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMATT for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of advanced placement, transfer, audit, or drop are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5STATERN

Label: Postsecondary Transcript: Statistics (across departments): known credits earned

Description: Indicates the total number of normalized credits earned in statistics courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5ECOERN

Label: Postsecondary Transcript: Economics: known credits earned

Description: Indicates the total number of normalized credits earned in economics courses during the student's postsecondary education as of June 2016.

Notes: This variable utilizes "normalized" credits, which places the hours or credit units on a common scale so that credit units can be compared across institutions. See T5CNORMCRED for further information about credit normalization. Duplicate course records, created by the transfer of course credits to one or more additional institutions, are only counted once. Courses that are a part of a graduate program, ended after June 2016, or are not provided by a transcript are excluded from this calculation. Courses with a normalized grade of incomplete, in-progress, audit, drop, withdrawal, or failing in a pass/fail course are excluded from this calculation. The 2010 College Course Map (CCM) was used to code these data. See <https://nces.ed.gov/surveys/pets/ccm.asp> for more information on the CCM.

Applies To: Postsecondary transcript respondents.

X5POSTHSAY

Label: Postsecondary Transcript: Academic year of first known postsecondary enrollment after high school completion.

Description: Indicates the academic year associated with the first postsecondary enrollment after last attending high school.

Notes: An academic year is defined to be July 1 through June 30. E.g., the 2013-14 academic year is comprised of July 1, 2013 through June 30, 2014. The value represents the last year of that particular academic year. For example, a value of 2014 indicates the data is for the 2013-14 academic year. This variable used X5LASTHSMY to determine the last date the student attended high school. It is possible for a student to leave a secondary institution, attend a postsecondary institution, then return to a secondary institution. In this scenario, postsecondary attendance would appear as dual enrollment. When postsecondary enrollment dates are not available from a transcript or a transcript was not received, dates are pulled forward from the second follow-up student interview for HSL:09 (HSL:09 F2). This variable includes an input variable that may have been modified in this manner.

Applies To: Postsecondary transcript respondents.

X5SRRESP

Label: Student Records: Student Record response status

Description: Student's response status relative to the student records collection.

Notes: To be considered a respondent for the Student Records collection, it was required that 1) a primary first year institution was identified. (See X5PFYEAR or X5PFYINST for more information on this identification.) And, 2) some information reported about both state and institutional aid awarded while the student was enrolled at the primary first year institution. Note that the information received could have indicated that no state aid or no institutional aid was awarded to the student during that time. Federal aid information is also available through the National Student Loan Data System (NSLDS), so this information was not required to be reported from the institution. It should be noted that, for a small number of cases, sample members reported attendance in prior round interviews at one or more unknown/uncodable institutions that were subsequently determined to be non-postsecondary institutions. As a result, this variable may not be consistent with prior round composite variables that indicate postsecondary attendance. This variable does not provide an indicator of completeness or coverage of all student record data. For submission status of student record data, see I5SRSUBMIT and/or R5SRSTAT.

Applies To: All students.

X5PFYEAR

Label: Student Records: First academic year enrolled

Description: First academic year student was enrolled in postsecondary education post high school.

Notes: In most cases, the primary first postsecondary record is the institution and associated academic year with the earliest start date post-high school, based on Student Records (R5SENROLLSTR) and Transcripts (T5SENROLLST). Note an academic year is defined to be July 1 through June 30. E.g., the 2013-14 academic year is comprised of July 1, 2013 through June 30, 2014. An exception is made for the first institution (X5PFYINST), if (1) enrollment at the first chronological institution is during the summer (i.e., the enrollment begins in May, June, or July and ends by August); (2) the summer enrollment is in the same calendar year and follows high school completion/exit; and, (3) fall enrollment (i.e., the enrollment began in August, September, or October) is observed at a different postsecondary institution of that same calendar year, following high school completion/exit. If all the above conditions are met, the next institution with the next earliest start date is selected. Note that this exception is made in order to exclude summer enrollments immediately following high school completion/exit and immediately preceding fall enrollment at another institution. If there is any substantive gap between high school and summer enrollment, or summer enrollment and the next enrollment spell, no exception is made. Additionally, if enrollment is observed in both summer and fall at the same institution following high school, no exception is made.

Applies To: Student Record respondents.

An exception is made for the first academic year (X5PFYEAR) if the 1) first enrolled month is May or June and 2) enrollment is observed in September or October of the same calendar year at the same institution. In this case, the academic year with the September/October enrollment is selected. Note that this exception is made in order to exclude an academic year if the only enrollment observed is in the last two months of the academic year and that enrollment is immediately followed by fall enrollment.

To reconcile discrepant records across transcripts and student records, a primary first year record was identified separately within the transcript collection, then within Student Records. Ties both within source and reconciliations across sources were decided by taking the first record after sorting by academic year (ascending), the earliest enrolled month (ascending), months enrolled within the academic year (descending), and IPEDSID (ascending).

Students who do not have a last known high school date (X5LASTHSMY), will not have a primary first year record, since there is no threshold for determining post-high school enrollment. If a student does not have a month associated with the last known high school date (X5LASTHSMY), any enrollment during the last known high school year is considered post-high school. (E.g., if the last known high school date is 201300, all enrollment on or after January 1, 2013 is considered post-high school.) If R5SENROLLSTR or T5SENROLLST indicate a student started college earlier than July 2012, the student will not have a primary first year record. Finally, if the first degree program was a graduate degree program, the student will not have a primary first year record.

X5PFYINST

Label: Student Records: Primary institution during first year

Description: Institution's 6-digit IPEDS ID (or UNITID) of the primary institution where the student was enrolled during the first academic year in postsecondary education post-high school.

Notes: In most cases, the primary first postsecondary record is the institution and associated academic year with the earliest start date post-high school, based on Student Records (R5SENROLLSTR) and Transcripts (T5SENROLLST). Note an academic year is defined to be July 1 through June 30. E.g., the 2013-14 academic year is comprised of July 1, 2013 through June 30, 2014. An exception is made for the first institution (X5PFYINST), if (1) enrollment at the first chronological institution is during the summer (i.e., the enrollment begins in May, June, or July and ends by August); (2) the summer enrollment is in the same calendar year and follows high school completion/exit; and, (3) fall enrollment (i.e., the enrollment began in August, September, or October) is observed at a different postsecondary institution of that same calendar year, following high school completion/exit. If all the above conditions are met, the next institution with the next earliest start date is selected. Note that this exception is made in order to exclude summer enrollments immediately following high school completion/exit and immediately preceding fall enrollment at another institution. If there is any substantive gap between high school and summer enrollment, or summer enrollment and the next enrollment spell, no exception is made. Additionally, if enrollment is observed in both summer and fall at the same institution following high school, no exception is made.

Applies To: Student Record respondents.

An exception is made for the first academic year (X5PFYEAR) if the 1) first enrolled month is May or June and 2) enrollment is observed in September or October of the same calendar year at the same institution. In this case, the academic year with the September/October enrollment is selected. Note that this exception is made in order to exclude an academic year if the only enrollment observed is in the last two months of the academic year and that enrollment is immediately followed by fall enrollment.

To reconcile discrepant records across transcripts and student records, a primary first year record was identified separately within the transcript collection, then within Student Records. Ties both within source and reconciliations across sources were decided by taking the first record after sorting by academic year (ascending), the earliest enrolled month (ascending), months enrolled within the academic year (descending), and IPEDSID (ascending).

Students who do not have a last known high school date (X5LASTHSMY), will not have a primary first year record, since there is no threshold for determining post-high school enrollment. If a student does not have a month associated with the last known high school date (X5LASTHSMY), any enrollment during the last known high school year is considered post-high school. (E.g., if the last known high school date is 201300, all enrollment on or after January 1, 2013 is considered post-high school.) If R5SENROLLSTR or T5SENROLLST indicate a student started college earlier than July 2012, the student will not have a primary first year record. Finally, if the first degree program was a graduate degree program, the student will not have a primary first year record.

X5CITIZEN

Label: Student Records: Citizenship status

Description: Student's citizenship status.

Notes: Student's citizenship status as reported by the student's primary first institution. If status was not reported by the institution, student and parent reports from prior round interviews were used.

Applies To: Student record respondents.

X5PFYINSTSTAT

Label: Student Records: Primary first year institution location (state)

Description: Location (state) of student's primary first year institution.

Notes: The standard 2-character state codes have been replaced with 2-digit numeric codes. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>.

Applies To: Student Record respondents.

X5PFYSLC

Label: Student Records: Institutional selectivity of primary first year institution

Description: Indicates the selectivity of the primary first year institution as reported to IPEDS.

Notes: Selectivity was attained by admissions for the postsecondary institutions reported in 2002-2012 IPEDS and 2010 Carnegie classifications. The HSLs:09 postsecondary institutional selectivity measure is based on the Integrated Postsecondary Education Data System (IPEDS) variable "CCUGPROF" (Carnegie Classification 2010: Undergraduate Profile). For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSEC

Label: Student Records: Sector of primary first year institution

Description: Indicates the 12-category postsecondary institutional sector of the primary first year institution as reported to IPEDS.

Notes: This variable is constructed by combining the control (public, private nonprofit, and private nonprofit) and the level (4-year, 2-year, less-than-2-year) of the postsecondary institution. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>.

Applies To: Student Record respondents.

X5PFYINSTCAT2

Label: Student Records: Institutional category and control of primary first year institution

Description: Indicates the institutional sector and control of the primary first year institution as reported to IPEDS.

Notes: This variable is derived using the level of offerings reported on the Institutional Characteristics (IC) component and the number and level of awards that are reported on the Completions (C) component for IPEDS. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For more information about IPEDS please see, <https://nces.ed.gov/ipeds/>.

Applies To: Student Record respondents.

X5PFYSAMESTAT

Label: Student Records: Attended primary first year institution in state of legal residence

Description: Indicates whether the primary first year institution was located in the same state as the student's legal residence.

Applies To: Student Record respondents.

X5PFYENRLSTAT

Label: Student Records: Known enrollment intensity at primary first year institution

Description: Student's known enrollment intensity at the primary institution during the first academic year attended postsecondary education after high school.

Notes: The known enrollment intensity at the primary institution during the first academic year attended postsecondary education after high school is derived from term dates and enrollment statuses as reported by the institution (R5YENROLLSTR where R5YPFYRECORD = 1). Institutions indicated whether the student was enrolled full time, 3/4 time, half time, or less than half time. For this variable, all categories less than full time are considered "part time." This variable was set to "1" if the student was enrolled full time for all months enrolled; set to "2" if the student was enrolled part time for all months enrolled; and set to "3" if the student was enrolled full time in some months and part time in some months. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYDEGREE

Label: Student Records: Degree program at primary first year institution

Description: Type of degree program in which the student was enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: If the student was enrolled in more than one program at the primary institution during the first academic year attended postsecondary education after high school, institutions were instructed to enter the highest degree program. Any graduate programs were recoded to missing since the degree program for a student enrolled immediately after high school should not be a graduate program. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTUITION

Label: Student Records: Tuition and fees charged at primary first year institution

Description: Tuition and fees charged while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: This variable indicates the total tuition and fees charged at the primary institution during the first academic year in postsecondary education after high school completion or exit. The tuition as reported by institutions was the primary source, edited and adjusted for attendance status if necessary. That is, if the school did not report the exact tuition and fee amount charged to the student (R5YTUITFEECHG), the reported budgeted tuition (R5YBUDTUITFEE) was adjusted as needed to match the student's enrollment status (number of months enrolled full- or part-time). If tuition data were not available from institutions, tuition data were taken from the IPEDS Institutional Characteristics data collection corresponding with the student's primary first year and adjusted as needed to match the student's enrollment status (number of months enrolled full- or part-time). For example, if full-time full-year tuition was reported by the institution or in IPEDS, and the student was only enrolled for full-time for half the year, the tuition amount was adjusted down to represent full-time, half-year enrollment. Finally, if tuition amounts were not available from the institution or from IPEDS, the value was imputed using the group mean when grouping records by sector, attendance status, and residency for tuition purposes. For source information on this variable, see X5PFYTUITION_IM. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINJURIS

Label: Student Records: Tuition jurisdiction at primary first year institution

Description: Indicates whether the tuition charged at the respective institution was in or out of jurisdiction.

Notes: Based on student records. Because of state reciprocity agreements and variations in the definition of residency for tuition purposes, out-of-state students are not necessarily charged out-of-state tuition and fees. Not all programs at public institutions charge differential tuition based on residency. Most private nonprofit and private for-profit institutions do not charge differential tuition based on residency, however on occasion, certain schools or programs within these institutions can charge differential tuition based on residency. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYANYAIDREC

Label: Student Records: Received any financial aid at primary first year institution

Description: Indicates whether the student received any federal Title IV, state, or institutional financial aid while enrolled at the primary institution during the first academic year attended postsecondary education after high school. This indicator is constructed in accordance with student-level derived data.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTTTIVAIDREC

Label: Student Records: Received any federal Title IV aid at primary first year institution

Description: Indicates whether the student received any federal Title IV financial aid while enrolled at the primary institution during the first academic year attended postsecondary education after high school. This indicator is constructed in accordance with student-level derived data.

Notes: Based on X5PFYTTTIVAMT, from NSLDS:17 and the 2017 Student Records Collection, and which includes Parent PLUS Loans, X5PFYPLUSAMT. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTAIDREC

Label: Student Records: Received any state aid at primary first year institution

Description: Indicates whether the student received any state aid while enrolled at the primary institution during the first academic year attended postsecondary education after high school. This indicator is constructed in accordance with student-level derived data.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINSTAIDREC

Label: Student Records: Received any institution aid at primary first year institution

Description: Indicates whether the student received any institution aid while enrolled at the primary institution during the first academic year attended postsecondary education after high school. This indicator is constructed in accordance with student-level derived data.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTTOTAID2

Label: Student Records: Total federal (Title IV), state, and institutional aid at primary first year institution

Description: Total amount of federal Title IV, state, and institutional aid received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of federal Title IV (X5PFYTTITIVAMT, from NSLDS:17 and the 2017 Student Records collection, and which includes Parent PLUS Loans, X5PFYPLUSAMT), state (X5PFYSTATEAMT, from the 2017 Student Records Collection), and institutional (X5PFYINSTAMT, from the 2017 Student Records Collection) aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. It excludes outside sources (primarily private grants and loans, employer tuition reimbursements, and Veterans' education benefits). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYNETPRICEALL

Label: Student Records: Tuition and fees minus Title IV, state, and institution aid at primary first year institution

Description: Tuition and fees minus federal Title IV, state, and institutional aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to tuition and fees at the primary first year institution (X5PFYTUITION) minus all aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school (X5PFYTOTAID2). This variable was set to zero if the total aid awarded was greater than tuition and fees. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYNETPRICEGRT

Label: Student Records: Tuition and fees minus Title IV, state, and institution grants at primary first year institution

Description: Tuition and fees minus federal Title IV, state, and institutional grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to tuition and fees (X5PFYTUITION) at the primary first year institution minus federal Title IV grants (X5PFYT4GRTAMT, from NSLDS:2017 and the 2017 Student Records Collection), institutional grants (X5PFYINGRTAMT, from the 2017 Student Records Collection), and state grants (X5PFYSTGTAMT, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Grant aid helps cover the entire student budget, not just tuition, so it may be greater than tuition alone. This variable was set to zero if the total grant amount was greater than tuition and fees. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYRATIOGRTTUIT

Label: Student Records: Ratio of Federal Title IV, state, and institutional grant aid to tuition and fees at primary first year institution

Description: Federal Title IV, state, and institutional grants received divided by tuition and fees while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: The numerator is federal Title IV grants (X5PFYT4GRTAMT, from NSLDS:2017 and the 2017 Student Records Collection) plus institutional grants (X5PFYINGRTAMT, from the 2017 Student Records Collection) plus state grants (X5PFYSTGTAMT, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. The denominator is tuition and fees (X5PFYTUITION) at the primary first year institution. Since grants may cover educational expenses other than tuition and fees, such as books or room and board, this percentage can be, and often is, greater than 100. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYRATIOALLTUIT

Label: Student Records: Ratio of federal Title IV, state, and institutional aid to student budget at primary first year institution

Description: Federal Title IV, state, and institutional aid received divided by tuition and fees while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: The numerator is all aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school (X5PFYTOTAID2). The denominator is tuition and fees (X5PFYTUITION) at the primary first year institution. Since aid may cover educational expenses other than tuition and fees, such as books or room and board, this percentage can be, and often is, greater than 100. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYT4GRTAMT

Label: Student Records: Total federal Title IV grants at primary first year institution

Description: Total Title IV grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of Pell Grants (X5PFYPELLAMT, from NSLDS:17), Supplemental Educational Opportunity Grants (X5PFYSEOGAMT, from the 2017 Student Records Collection), and TEACH grants (X5PFYTEACHGRT, from NSLDS:17) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Does not include federal Veterans' benefits or military aid or federal grants not awarded under Title IV. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTOTLOAN3

Label: Student Records: Total loans excluding private & PLUS loans at primary first year institution

Description: Total amount of loans excluding private and PLUS loans received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of all federal loans to students (X5PFYT4LNAMT1, from NSLDS:17 and the 2017 Student Records Collection, and which does not include Parent PLUS loans), state loans (X5PFYSTLNAMT, from the 2017 Student Records Collection), and institutional loans (X5PFYINLNAMT, from the 2017 Student Records Collection). This does not include other private commercial or alternative loans (X5PFYPRIVLOAN, from the 2017 Student Records Collection). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYT4LNAMT1

Label: Student Records: Total federal loans (excludes Parent PLUS Loans) at primary first year institution

Description: Total amount of Title IV loans received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PFYPERKAMT, from NSLDS:17 and the Student Records Collection) and federal Direct Loans (also known as subsidized and unsubsidized Stafford Loans, X5PFYSTAFFAMT, from NSLDS:17) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PFYPLUSAMT). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYMERITAID

Label: Student Records: Total merit-only grants at primary first year institution

Description: Merit-only grants and scholarships received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of state merit-only grants and scholarships (X5PFYSTMERIT) and institutional merit-only grants and scholarships, including athletic scholarships (X5PFYINSMERIT). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYNEEDAID

Label: Student Records: Total need-based grants at primary first year institution

Description: Total amount of need-based grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of federal Pell Grants (X5PFYPELLAMT, from NSLDS:17), Federal Supplemental Educational Opportunity Grant (SEOG) awards (X5PFYSEOGAMT, from the 2017 Student Records Collection), state need-based grants (X5PFYSTATNEED, from the 2017 Student Records Collection), and institutional need-based grants (X5PFYINSTNEED, from the 2017 Student Records collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. The institutional and state totals include grants that were both need-based and had a merit consideration.

Applies To: Student Record respondents.

X5PFYTTIVAMT

Label: Student Records: Total federal Title IV aid at primary first year institution

Description: Total amount of federal Title IV financial aid received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of Title IV loans (X5PFYT4LNAMT2, from NSLDS:17 and the 2017 Student Records Collection, and which includes Parent PLUS loans, X5PFYPLUSAMT), Title IV grants (including Pell Grants, X5PFYPELLAMT, from NSLDS:17; federal Supplemental Educational Opportunity Grants, X5PFYSEOGAMT, from the 2017 Student Records Collection; TEACH grants, X5PFYTEACHGRT, from NSLDS:17), and federal college work-study (X5PFYTFEDWRK, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Unlike total federal aid, this variable excludes non-Title IV programs like federal health professions loans and other federal grant programs. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYPERKAMT

Label: Student Records: Perkins loans at primary first year institution

Description: Total amount of federal undergraduate Perkins loans received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTAFFAMT

Label: NSLDS: Direct Subsidized and Unsubsidized loans at primary first year institution

Description: Indicates the amount of undergraduate Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: See X5PFYSTSUB and X5PFYSTUNS for additional information on Federal Direct Loan programs. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTSUB

Label: NSLDS: Direct Subsidized Loans at primary first year institution

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTUNS

Label: NSLDS: Direct Unsubsidized Loans at primary first year institution

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYPLUSAMT

Label: NSLDS: Direct PLUS loans to parents at primary first year institution

Description: Total amount of federal Direct PLUS loans to parents received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTFEDWRK

Label: Student Records: Federal work-study at primary first year institution

Description: Total amount of federal work-study awarded while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Federal Work Study is a campus-based federal aid program and awarded on the basis of need. Student records were used, which collect the amount of Federal Work Study awarded, rather than the amount received or disbursed by the institution to the student upon completion of the work. As such, these estimates should be used with caution, as they do not represent the amount of money that went toward paying for school in all cases. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYPELLAMT

Label: NSLDS: Federal Pell Grants at primary first year institution

Description: Total amount of federal Pell Grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2011–12 and 2012–13 was \$5,550, \$5,645 in 2013–14, \$5,730 in 2014–15, \$5,775 in 2015–16, and \$5,815 in 2016–17. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSEOGAMT

Label: Student Records: Federal Supplemental Education Opportunity Grants at primary first year institution

Description: Total amount of Supplemental Educational Opportunity Grant (SEOG) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: The Supplemental Educational Opportunity Grant (SEOG) is a federal, campus-based grant for undergraduates who have not yet received a bachelor's or professional practice degree and show exceptional financial need. The grant is intended to supplement the Pell Grant and priority is given to Pell Grant recipients. The maximum SEOG was \$4,000 in 2011-12 through 2016-17, with an exceptional limit of \$4,400 for students participating in a study-abroad program that is approved for credit by the home institution. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTEACHGRT

Label: NSLDS: Federal TEACH grants at primary first year institution

Description: Amount of TEACH Grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Teacher Education Assistance for College and Higher Education (TEACH) grants are available to students who are completing or plan to complete course work needed to begin a career in teaching. Spending caps imposed by the Budget Control Act of 2011 (also known as sequestration) limited the maximum award amount depending on award date. In rare cases, a student may appear to have received above the maximum grant amount because of crossover payment periods. Recipients must agree to teach in a high-need field at an elementary school, secondary school, or educational service agency serving students from low-income families for at least 4 academic years within 8 years after completing (or ceasing enrollment in) the course of study for which they received the grant. If this service is not completed, all TEACH grant funds are converted to a Direct Unsubsidized Loan. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINSTAMT

Label: Student Records: Institutional aid total at primary first year institution

Description: Total amount of institutional aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of institutional grants and fellowships (X5PFYINGRTAMT), institutional loans (X5PFYINLNAMT), and institution-sponsored work-study (X5PFYINSTWRK) awarded while enrolled at the primary first year institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINGRTAMT

Label: Student Records: Institutional grants total at primary first year institution

Description: Total amount of all institutional grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of institutional need-based and non-need-based grants awarded while enrolled at the primary first year institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For the amount of institutional need-based grants awarded while enrolled at the primary first year institution during the first academic year attended postsecondary education after high school, see X5PFYINSTNEED.

Applies To: Student Record respondents.

X5PFYINSTNEED

Label: Student Records: Institutional need-based grants at primary first year institution

Description: Total amount of institutional need-based grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Includes need-based grants and need-based grants that also have a merit component. This variable does not include state grants for California public institutions that are funded by state dollars and allocated by the institutions (e.g., Community College Board of Governors Grants, California State University Grants, and Educational Opportunity Program grants). These are classified as state need-based grants (X5PFYSTATNEED). This is consistent with NPSAS:16, but differs from prior NPSAS studies. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINSMERIT

Label: Student Records: Institutional merit-only grants at primary first year institution

Description: Total amount of institutional merit-only grants and scholarships received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Includes all merit-based grants, including athletic scholarships. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For the amount of athletic scholarships awarded while enrolled at the primary first year institution during the first academic year attended postsecondary education after high school, see X5PFYINATHAMT.

Applies To: Student Record respondents.

X5PFYINATHAMT

Label: Student Records: Athletic scholarships at primary first year institution

Description: Total amount of institutional athletic scholarships received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Classified as a merit-only grant, although some athletic scholarships may also be need-based. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINSTNOND1

Label: Student Records: Institutional non-need, non-merit grants at primary first year institution

Description: Total amount of institutional non-need based grants and tuition waivers received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: This variable includes categorical institutional grants based neither on need nor merit and institutional tuition and fee waivers, including tuition waivers for faculty and staff. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. For the amount of grants based neither on need nor merit and the amount of tuition and fee waivers (including tuition waivers for faculty and staff awarded while enrolled at the primary first year institution during the first academic year attended postsecondary education after high school, see X5PFYINSWAIV and X5PFYEMPLWAIV, respectively.

Applies To: Student Record respondents.

X5PFYINSWAIV

Label: Student Records: Institutional tuition & fee waivers at primary first year institution

Description: Total amount of institutional tuition waivers received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Includes tuition waivers for faculty and staff and other tuition discounts. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYEMPLWAIV

Label: Student Records: Institutional tuition waivers for staff at primary first year institution

Description: Total amount of tuition waivers for staff and families of staff received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: This variable measures tuition waivers provided to students who are faculty or staff or the family of faculty or staff of a postsecondary institution while enrolled at the primary institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. This aid type is classified in institutional grants (X5PFYINGRTAMT).

Applies To: Student Record respondents.

X5PFYINSMILAMT

Label: Student Records: Institution military/armed forces grants at primary first year institution

Description: Total amount of institution military/armed forces grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINSTVETAMT

Label: Student Records: Institution Veterans' education benefits at primary first year institution

Description: Total amount of institution Veterans' education benefits received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: This variable includes, but is not exclusive to, the institution portion of Yellow Ribbon program benefits. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYINLNAMT

Label: Student Records: Institutional loans at primary first year institution

Description: Total amount borrowed in loans funded by the primary institution while the student was enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Applies To: Student Record respondents.

X5PFYINSTWRK

Label: Student Records: Institutional work-study at primary first year institution

Description: Total amount of all institutionally sponsored work-study funds received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Includes work-study or campus employment funded by the institution and awarded as financial aid. Note that some institutions may have reported the amount awarded to the student and not the amount earned by students via their work-study placement. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTATEAMT

Label: Student Records: State aid total at primary first year institution

Description: Total amount of state aid received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of state grants (X5PFYSTGTAMT), state loans (X5PFYSTLNAMT), state-sponsored work-study (X5PFYSTWKAMT), and vocational rehabilitation and job training grants (X5PFYVOCHELP), including federal Workforce Investment Act (WIA) funds. The grants at California public institutions funded by the state but allocated by the institutions (Community College Board of Governors Grants, California State University Grants, and Educational Opportunity Program grants) were included as state aid. This is consistent with NPSAS:16, but differs from prior NPSAS studies as these grants were considered institutional aid. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTGTAMT

Label: Student Records: State grants total at primary first year institution

Description: Total amount of state grants, scholarships, and fellowships received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of state need-based grants (X5PFYSTATNEED) and state non-need and merit grants (X5PFYSTATNOND). Includes the federal matching funds to states through the Leveraging Education Assistance Partnership (LEAP) program. The grants at California public institutions funded by the state but allocated by the institutions (Community College Board of Governors Fee Waivers, California State University Grants, and Educational Opportunity Program grants) were included as state aid. This is consistent with NPSAS:16, but differs from prior NPSAS studies as these grants were considered institutional aid. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTATNEED

Label: Student Records: State need-based grants at primary first year institution

Description: Total amount of state need-based grants received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Includes state grants based only on need (X5PFYSTNDONLY) and those based on both need and merit (X5PFYSTNDMRT). Included in this variable are state grants for California public institutions that are funded by state dollars but allocated by the institutions (e.g., Community College Board of Governors Grants, California State University Grants, and Educational Opportunity Program grants). This is consistent with NPSAS:16, but differs from prior NPSAS studies as these grants were considered institutional aid. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTNDMRT

Label: Student Records: State grants based both on need and merit at primary first year institution

Description: Total amount of state grants based both on need and merit received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Many state grant programs have both need and merit components. The extent to which either one is required to receive these grants varies by state program and sometimes within the program itself. This variable is also a component of state need-based grants (X5PFYSTATNEED), which also includes state need-based grants without a merit component (X5PFYSTNDONLY). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTNDONLY

Label: Student Records: State need-based only grants at primary first year institution

Description: State need-based only grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: This variable is also a component of state need-based grants (X5PFYSTATNEED), which includes state need-based grants that also have a merit component (X5PFYSTNDMRT). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTATNOND

Label: Student Records: State non-need & merit grants at primary first year institution

Description: Total amount of state non-need based grants and tuition waivers received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of state merit-only grants (X5PFYSTMERIT), state non-need grants (X5PFYSTATNOND1), state military/armed forces grants (X5PFYSTMILAMT), and state Veterans' education benefits (X5PFYSTVETAMT). Includes state grants and scholarships based entirely on merit or other circumstances not related to need. Many states have a variety of small categorical grant programs limited to certain categories of students, most frequently military personnel (National Guard, ROTC), survivors of MIA/POWs and police/firemen, or certain types of state employees. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTMERIT

Label: Student Records: State merit-only grants at primary first year institution

Description: Total amount of state merit-only grants and scholarships received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: These are grants based only on merit criteria such as high school grades and admission test scores. X5PFYSTATNOND includes these academic merit programs as well as categorical grant programs limited to certain categories of students but not based on need criteria.

X5PFYSTATNEED includes grants based on both need and merit criteria, as well as those based entirely on need. Students may receive both need-based and non-need-based grants. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTNOND1

Label: Student Records: State non-need grants at primary first year institution

Description: Total amount of state grants based neither on need nor merit received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Typically, these are small aid programs for specific categories of students, such as tuition waivers for state employees, teachers, or the survivors of police or firemen killed in the line of duty. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTMILAMT

Label: Student Records: State military/armed forces grants at primary first year institution

Description: Total amount of state military/armed forces grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTVETAMT

Label: Student Records: State Veterans' education benefits at primary first year institution

Description: Total amount of state Veterans' education benefits received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTLNAMT

Label: Student Records: State loans at primary first year institution

Description: Total amount of state loans received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYSTWKAMT

Label: Student Records: State work-study at primary first year institution

Description: Total amount of state work-study received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Note that some institutions may have reported the amount awarded to the student and not the amount earned by students via their work-study placement. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYVOCHELP

Label: Student Records: Vocational rehabilitation and training at primary first year institution

Description: Vocational rehabilitation and job training grants received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Although classified as state aid, these programs may include federal Workforce Investment Opportunity Act (WIOA) funds. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYFEDNEED

Label: Student Records: Federal need-based aid at primary first year institution

Description: Total amount of federal need-based aid received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of Pell Grants (X5PFYPELLAMT, from NSLDS:17), Direct Subsidized Loans (also known as subsidized Stafford Loans) (X5PFYSTSUB, from NSLDS:17), and federal campus-based aid (X5PFYCAMPAMT, from NSLDS:17 and the 2017 Student Records Collections) while enrolled at the primary first year institution. Federal campus-based aid includes Supplemental Educational Opportunity (SEOG) grant (X5PFYSEOGAMT, from the 2017 Student Records Collection), federal work-study (X5PFYTFEDWRK, from the 2017 Student Records Collection), and Perkins loans (X5PFYPERKAMT, from NSLDS:17 and the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. Eligibility for need-based federal programs is determined by federal need analysis.

Applies To: Student Record respondents.

X5PFYCAMPAMT

Label: Student Records: Federal campus-based aid (Perkins, SEOG, FWS) at primary first year institution

Description: Total amount of federal aid allocated by the institution's financial aid office (i.e., campus-based) to the student while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of the Supplemental Educational Opportunity (SEOG) grant (X5PFYSEOGAMT, from the 2017 Student Records Collection), federal work-study (X5PFYTFEDWRK, from the 2017 Student Records Collection), and Perkins loans (X5PFYPERKAMT, from NSLDS:17 and the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively. All federal campus-based aid is allocated on the basis of need.

Applies To: Student Record respondents.

X5PFYT4LNAMT2

Label: Student Records: Total federal loans (includes Parent PLUS Loans) at primary first year institution

Description: Total amount of federal loans including Parent PLUS Loans received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of Perkins loans (X5PFYPERKAMT, from NSLDS:17 and the 2017 Student Records Collection), federal Direct Loans (also known as subsidized and unsubsidized Stafford Loans, X5PFYSTAFFAMT, from NSLDS:17), and Parent PLUS loans (X5PFYPLUSAMT, from NSLDS:17) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYPRIVLOAN

Label: Student Records: Known private (alternative) loans at primary first year institution

Description: Total amount of known private or alternative loans received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: These are education loans from commercial lenders that are not government guaranteed and carry market interest rates based on credit scores. These values are reported by the postsecondary institution, and institutions' knowledge of private loan receipt may be limited. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTOTLOAN

Label: Student Records: Total loans (Title IV, state, institutional, and private) at primary first year institution

Description: Total amount of all loans received while attending responding postsecondary institutions at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of all Title IV loans to students (X5PFYT4LNAMT1, from NSLDS:17 and the 2017 Student Records Collection, and which excludes Parent PLUS Loans, X5PFYPLUSAMT), state loans (X5PFYSTLNAMT, from the 2017 Student Records Collection), institutional loans (X5PFYINLNAMT, from the 2017 Student Records Collection), and other private commercial or alternative loans (X5PFYPRIVLOAN, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school.

Applies To: Student Record respondents.

X5PFYTOTLOAN2

Label: Student Records: Total loans (including Parent PLUS Loans & private loans) at primary first year institution

Description: Total amount of all loans received, including Parent PLUS Loans and private loans, while attending responding postsecondary institutions at the primary institution during the first academic year attended postsecondary education after high school.

Notes: Equal to the sum of all federal loans to students (X5PFYT4LNAMT2, from NSLDS:17 and the 2017 Student Records Collection, and which includes Parent PLUS Loans, X5PFYPLUSAMT), state loans (X5PFYSTLNAMT, from the 2017 Student Records Collection), institutional loans (X5PFYINLNAMT, from the 2017 Student Records Collection), and other private commercial or alternative loans (X5PFYPRIVLOAN, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYTOTFEDPRIV

Label: Student Records: Cumulative total federal and known private loans at primary first year institution

Description: Cumulative total amount of all federal Title IV loans and known private loans received while enrolled at the primary first year institution.

Notes: Equal to the sum of all federal Title IV loans (X5PFYT4LNAMT1, from NSLDS:17 and the 2017 Student Records Collection, and which excludes Parent PLUS Loans, X5PFYPLUSAMT) and other private commercial or alternative loans (X5PFYPRIVLOAN, from the 2017 Student Records Collection) received while enrolled at the primary institution during the first academic year attended postsecondary education after high school. Private aid values are reported by the postsecondary institution, and institutions' knowledge of private loan receipt may be limited. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5PFYPELLPACK

Label: Student Records: Aid package with Pell Grants at primary first year institution

Description: Aid packages with Pell Grants received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For students with any Pell Grants (X5PFYPELLAMT, from NSLDS:17), indicates combinations of federal campus-based aid (X5PFYCAMPAMT, from NSLDS:17 and the 2017 Student Records Collection), Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loan, X5PFYSTAFFAMT, from NSLDS:17), and any other types of aid. Campus-based aid may be included in categories 5 & 6. For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student record respondents who received a Pell Grant while enrolled at the primary first year institution.

X5PFYFEDPACK

Label: Student Records: Federal Title IV aid package by type of aid at primary first year institution

Description: Federal aid package by type of aid received at the primary institution during the first academic year attended postsecondary education after high school.

Notes: For students with any federal Title IV financial aid (X5PFYT4LNAMT2>0, X5PFYT4GRTAMT>0, or X5PFYCAMPAMT>0), indicates combinations of Pell Grants (X5PFYPELLAMT, from NSLDS:17), Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) (X5PFYSTAFFAMT, from NSLDS:17), and federal campus-based aid (X5PFYCAMPAMT, from NSLDS:17 and the 2017 Student Records Collection). Other federal aid consists primarily of Direct PLUS Loans to parents of undergraduate students (X5PFYPLUSAMT, from NSLDS:17). For more information on identification of the primary first year and institution, see X5PFYEAR and X5PFYINST, respectively.

Applies To: Student Record respondents.

X5EVRFEDAPP

Label: NSLDS: Applied for federal financial aid as of June 30, 2016

Description: Indicates whether the student applied for federal financial aid at any time between 2011-12 and 2015-16 academic years.

Notes: This variable was set to “yes” if the student had a record of a federal financial aid application for the 2013-14, 2014-15, or 2015-16 academic years (X5FEDAPP14, X5FEDAPP15, and X5FEDAPP16, respectively, from FAFSA and NSLDS:17) or if the student received any federal Title IV aid between July 1, 2011 and June 30, 2013 (X5T4XLN12>0, X5PELLAMT12>0, X5PLUSAMT12>0 or X5T4XLN13>0, X5PELLAMT13>0, or X5PLUSAMT13>0). This variable was set to “no” if the student did not file a federal aid application file for the 2013-14, 2014-15, and 2015-16 academic years. It was not possible to identify federal financial aid application status for students who did not receive federal financial aid between July 1, 2011 and June 30, 2013; these students’ values were set to missing (-9).

Applies To: All respondents.

X5FEDAPP14

Label: NSLDS: Applied for federal aid 2013–14

Description: Indicates whether the student applied for federal financial aid for the 2013-14 academic year.

Notes: This variable was set to “yes” if the student had a record of a federal financial aid application for the 2013-14 academic year, or if the student received any federal Title IV aid during the 2013-14 academic year (X5T4XLN14>0, X5PELLAMT14>0, X5PLUSAMT12>0, or the student received a TEACH Grant during 2014-15). This variable was set to “no” if the student did not receive federal financial aid and did not file a federal aid application file.

Applies To: All respondents.

X5FEDAPP15

Label: NSLDS: Applied for federal aid 2014–15

Description: Indicates whether the student applied for federal financial aid for the 2014-15 academic year.

Notes: This variable was set to “yes” if the student had a record of a federal financial aid application for the 2014-15 academic year, or if the student received any federal Title IV aid during the 2014-15 academic year (X5T4XLN15>0, X5PELLAMT15>0, X5PLUSAMT15>0, or the student received a TEACH Grant during 2014-15). This variable was set to “no” if the student did not receive federal financial aid and did not file a federal aid application file.

Applies To: All respondents.

X5FEDAPP16

Label: NSLDS: Applied for federal aid 2015–16

Description: Indicates whether the student applied for federal financial aid for the 2015-16 academic year.

Notes: This variable was set to “yes” if the student had a record of a federal financial aid application for the 2015-16 academic year, or if the student received any federal Title IV aid during the 2015-16 academic year ($X5T4XLN16 > 0$, $X5PELLAMT16 > 0$, $X5PLUSAMT16 > 0$, or the student received a TEACH Grant during 2015-16). This variable was set to “no” if the student did not receive federal financial aid and did not file a federal aid application file.

Applies To: All respondents.

X5OWEAMT

Label: NSLDS: Amount owed, principal and interest, on federal loans as of June 30, 2016

Description: Indicates the total amount owed in principal and interest on all federal student loans received as of June 30, 2016.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5PCTOWE

Label: NSLDS: Ratio of amount owed to amount borrowed in federal loans as of June 30, 2016

Description: Indicates the proportion of a borrower’s total federal loan amount received as of June 30, 2016 that is still owed, including principal and interest, as of June 30, 2015.

Notes: Value is given as a percent. This is the ratio of total amount owed in principal and interest ($X5OWEAMT$) to the total amount borrowed ($X5STAFFAMTCUM + X5PERKCUM$). Excludes Parent PLUS loans and Consolidation Loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5REPLN

Label: NSLDS: Federal loan repayment plan type as of June 30, 2016

Description: Indicates the student’s federal loan repayment plan type over all loans in repayment as of June 30, 2016.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5FEDRPY

Label: NSLDS: Federal loan monthly payment amount as of June 30, 2016

Description: Indicates the monthly payment amount for all federal student loans in repayment as of June 30, 2016.

Notes: Respondents may have a repayment amount of zero if they are enrolled in an income-based repayment plan.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) and have at least one loan in repayment as of June 30, 2016.

X5FDLNCR

Label: Postsecondary Transcripts: Cumulative Direct Subsidized and Unsubsidized Loans per credit earned as of June 30, 2016

Description: Cumulative amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) borrowed per credit earned as of June 30, 2016.

Notes: Equal to the ratio of federal Direct Loans (also known as subsidized and unsubsidized Stafford Loans, X5PFYSTAFFAMT, from NSLDS:17) to earned credit hours (T5CRDERNED, from HSL:09 Postsecondary Education Transcripts).

Applies To: Transcript respondents.

X5PRIVLOANCUM

Label: Student Records: Cumulative private (alternative) loans through June 30, 2016

Description: Cumulative amount of private or alternative loans received over responding institutions attended between the 2011-12 academic year and the 2015-16 academic year.

Notes: These are education loans from commercial lenders that are not government guaranteed and carry market interest rates based on credit scores. Values reported in the student records instrument (R5YPRIVLOAN) are reported by the postsecondary institution, and institutions' knowledge of private loan receipt may be limited.

Applies To: Student Record respondents.

X5T4XLNCUM

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed through June 30, 2016

Description: Total amount of all Title IV loans received through June 30, 2016. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans and federal Direct Loans received through June 30, 2016 (X5T4XLN12, X5T4XLN13, X5T4XLN14, X5T4XLN15, and X5T4XLN16, from NSLDS:17).

This variable only includes Title IV loans, but excludes Parent PLUS loans. Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5T4XLN12

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2011-12

Description: Total amount of all Title IV loans received during 2011-12. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PERKAMT12, from NSLDS:17) and Federal Direct loans (X5STAFFAMT12, from NSLDS:17) received during the 2011-12 academic year. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PLUSAMT12). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5T4XLN13

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2012-13

Description: Total amount of all Title IV loans received during 2012-13. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PERKAMT13, from NSLDS:17) and Federal Direct loans (X5STAFFAMT13, from NSLDS:17) received during the 2012-13 academic year. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PLUSAMT13). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5T4XLN14

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2013-14

Description: Total amount of all Title IV loans received during 2013-14. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PERKAMT14, from NSLDS:17) and Federal Direct loans (X5STAFFAMT14, from NSLDS:17) received during the 2013-14 academic year. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PLUSAMT14). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5T4XLN15

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2014-15

Description: Total amount of all Title IV loans received during 2014-15. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PERKAMT15, from NSLDS:17) and Federal Direct loans (X5STAFFAMT15, from NSLDS:17) received during the 2014-15 academic year. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PLUSAMT15). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5T4XLN16

Label: NSLDS: Total federal loans (excludes Parent PLUS Loans) borrowed during 2015-16

Description: Total amount of all Title IV loans received during 2015-16. Excludes Parent PLUS Loans.

Notes: Equal to the sum of Perkins loans (X5PERKAMT16, from NSLDS:17) and Federal Direct loans (X5STAFFAMT16, from NSLDS:17) received during the 2015-16 academic year. This variable only includes Title IV loans, but excludes Parent PLUS loans (X5PLUSAMT16). Federal Direct loans have annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year. Also of note, the federal Perkins loan program briefly expired on September 30, 2015 and was reinstated in December of 2015.

Applies To: All respondents.

X5STAFFAMTCUM

Label: NSLDS: Cumulative Direct Subsidized and Unsubsidized Loans through June 30, 2016

Description: Cumulative amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent borrowed between the 2011-12 and 2015-16 award years.

Notes: Derived from variables: X5STAFFAMT12, X5STAFFAMT13, X5STAFFAMT14, X5STAFFAMT15, and X5STAFFAMT16.

Applies To: All respondents.

X5STAFFAMT12

Label: NSLDS: Direct Subsidized and Unsubsidized Loans 2011–12

Description: Indicates the amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received during the 2011-2012 academic year.

Notes: Derived from variables: X5STSUB12 and X5STUNS12. See X5STSUB12 and X5STUNS12 for additional information on Federal Direct Loan programs in 2011-12.

Applies To: All respondents.

X5STAFFAMT13

Label: NSLDS: Direct Subsidized and Unsubsidized Loans 2012–13

Description: Indicates the amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received during the 2012-2013 academic year.

Notes: Derived from variables: X5STSUB13 and X5STUNS13. See X5STSUB13 and X5STUNS13 for additional information on Federal Direct Loan programs in 2012-13.

Applies To: All respondents.

X5STAFFAMT14

Label: NSLDS: Direct Subsidized and Unsubsidized Loans 2013–14

Description: Indicates the amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received during the 2013-2014 academic year.

Notes: Derived from variables: X5STSUB14 and X5STUNS14. See X5STSUB14 and X5STUNS14 for additional information on Federal Direct Loan programs in 2013-14.

Applies To: All respondents.

X5STAFFAMT15

Label: NSLDS: Direct Subsidized and Unsubsidized Loans 2014–15

Description: Indicates the amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received during the 2014-2015 academic year.

Notes: Derived from variables: X5STSUB15 and X5STUNS15. See X5STSUB15 and X5STUNS15 for additional information on Federal Direct Loan programs in 2014-15.

Applies To: All respondents.

X5STAFFAMT16

Label: NSLDS: Direct Subsidized and Unsubsidized Loans 2015–16

Description: Indicates the amount of all Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) the respondent received during the 2015-2016 academic year.

Notes: Derived from variables: X5STSUB16 and X5STUNS16. See X5STSUB16 and X5STUNS16 for additional information on Federal Direct Loan programs in 2015-16.

Applies To: All respondents.

X5STSUBCUM

Label: NSLDS: Cumulative Direct Subsidized Loans through June 30, 2016

Description: Cumulative amount of all Direct Subsidized loans (also known as subsidized Stafford Loans) the respondent borrowed between the 2011-12 and 2015-16 award years.

Notes: Derived from variables: X5STSUB12, X5STSUB13, X5STSUB14, X5STSUB15, and X5STSUB16.

Applies To: All respondents.

X5STSUB12

Label: NSLDS: Direct Subsidized Loans 2011-12

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received for all enrollment during the 2011-12 academic year.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STSUB13

Label: NSLDS: Direct Subsidized Loans 2012-13

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received for all enrollment during the 2012-13 academic year.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STSUB14

Label: NSLDS: Direct Subsidized Loans 2013-14

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received for all enrollment during the 2013-14 academic year.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STSUB15

Label: NSLDS: Direct Subsidized Loans 2014-15

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received for all enrollment during the 2014-15 academic year.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STSUB16

Label: NSLDS: Direct Subsidized Loans 2015-16

Description: Indicates the Direct Subsidized Loan (also known as subsidized Stafford loans) amount the respondent received for all enrollment during the 2015-16 academic year.

Notes: Direct Subsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STUNSCUM

Label: NSLDS: Cumulative Direct Unsubsidized Loans through June 30, 2016

Description: Cumulative amount of Direct Unsubsidized loans (also known as unsubsidized Stafford Loans) the respondent borrowed between the 2011-12 and 2015-16 award years.

Notes: Derived from variables: X5STUNS12, X5STUNS13, X5STUNS14, X5STUNS15, and X5STUNS16.

Applies To: All respondents.

X5STUNS12

Label: NSLDS: Direct Unsubsidized Loans 2011-12

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received for all enrollment during the 2011-12 academic year.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STUNS13

Label: NSLDS: Direct Unsubsidized Loans 2012-13

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received for all enrollment during the 2012-13 academic year.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STUNS14

Label: NSLDS: Direct Unsubsidized Loans 2013-14

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received for all enrollment during the 2013-14 academic year.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STUNS15

Label: NSLDS: Direct Unsubsidized Loans 2014-15

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received for all enrollment during the 2014-15 academic year.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5STUNS16

Label: NSLDS: Direct Unsubsidized Loans 2015-16

Description: Indicates the Direct Unsubsidized Loan (also known as unsubsidized Stafford Loans) amount the respondent received for all enrollment during the 2015-16 academic year.

Notes: Direct Unsubsidized Loan annual loan limits for an academic year apply to all students and increase by academic level; however, academic years vary by institution and by program, which allows students to borrow more than the annual limit in the federal aid year (July 1 through June 30) and to progress to higher academic levels with higher borrowing limits within the federal aid year. Students can also receive more than the annual limit in the federal aid year if they have been awarded loans using a borrower-based academic year that does not coincide with a calendar year.

Applies To: All respondents.

X5PLUSAMTCUM

Label: NSLDS: Cumulative Direct PLUS Loans to parents through June 30, 2016

Description: Cumulative amount of Direct PLUS loans to parents received between the 2011-12 and 2015-16 award years.

Notes: Derived from variables: X5PLUSAMT12, X5PLUSAMT13, X5PLUSAMT14, X5PLUSAMT15, X5PLUSAMT16

Applies To: All respondents.

X5PLUSAMT12

Label: NSLDS: Direct PLUS Loans to parents 2011–12

Description: Total amount of federal Direct PLUS loans to parents received for all the student's enrollment in 2011-12.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students.

Applies To: All respondents.

X5PLUSAMT13

Label: NSLDS: Direct PLUS Loans to parents 2012–13

Description: Total amount of federal Direct PLUS loans to parents received for all the student's enrollment at responding institutions attended in 2012-13.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students.

Applies To: All respondents.

X5PLUSAMT14

Label: NSLDS: Direct PLUS Loans to parents 2013–14

Description: Total amount of federal Direct PLUS loans to parents received for all the student's enrollment at responding institutions attended in 2013-14.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students.

Applies To: All respondents.

X5PLUSAMT15

Label: NSLDS: Direct PLUS Loans to parents 2014–15

Description: Total amount of federal Direct PLUS loans to parents received for all the student's enrollment at responding institutions attended in 2014-15.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students.

Applies To: All respondents.

X5PLUSAMT16

Label: NSLDS: Direct PLUS Loans to parents 2015–16

Description: Total amount of federal Direct PLUS loans to parents received for all the student's enrollment at responding institutions attended in 2015-16.

Notes: Direct PLUS loans to parents are available to the parents of dependent students in addition to any federal Direct Loans for which students are eligible. Direct PLUS loans to parents are not based on need and may be used to cover the federal expected family contribution (EFC). Although there is no fixed limit to the amount of a Direct PLUS loan to parents, it may not exceed the student budget minus any other financial aid classified for federal aid purposes as expected financial assistance. Direct PLUS loans to parents are only available to parents who can meet certain credit-worthiness criteria; if they cannot do so, then the dependent student for whom the loan is intended may apply to receive additional Direct Unsubsidized Loans up to a higher limit normally available only to independent students.

Applies To: All respondents.

X5PERKCUM

Label: NSLDS: Cumulative amount of Perkins loans borrowed through June 30, 2016

Description: Cumulative amount of federal Perkins loans received through June 30, 2016.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PERKAMT12

Label: NSLDS: Perkins loans borrowed during 2011-12

Description: Total amount of federal Perkins loans received for all enrollment during 2011-12.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PERKAMT13

Label: NSLDS: Perkins loans borrowed during 2012-13

Description: Total amount of federal Perkins loans received for all enrollment during 2012-13.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PERKAMT14

Label: NSLDS: Perkins loans borrowed during 2013-14

Description: Total amount of federal Perkins loans received for all enrollment during 2013-14.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PERKAMT15

Label: NSLDS: Perkins loans borrowed during 2014-15

Description: Total amount of federal Perkins loans received for all enrollment during 2014-15.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PERKAMT16

Label: NSLDS: Perkins loans borrowed during 2015-16

Description: Total amount of federal Perkins loans received for all enrollment during 2015-16.

Notes: The Perkins loan is a campus-based, low-interest loan administered by the institution for undergraduate and graduate students who show exceptional financial need. Priority is given to Pell Grant recipients. The total annual Perkins loan cannot exceed \$5,500 for undergraduate students between 2011-12 and 2016-17.

Applies To: All respondents.

X5PELLAMTCUM

Label: NSLDS: Cumulative federal Pell Grants through June 30, 2016

Description: Cumulative amount of Pell Grant funds the respondent received for all enrollment between the 2011-12 and 2015-16 award years.

Notes: Derived from variables: X5PELLAMT12, X5PELLAMT13, X5PELLAMT14, X5PELLAMT15, and X5PELLAMT16.

Applies To: All respondents.

X5PELLAMT12

Label: NSLDS: Federal Pell Grants 2011–12

Description: Total amount of federal Pell Grants received for all enrollment in 2011-12.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2011-12 was \$5,550.

Applies To: All respondents.

X5PELLAMT13

Label: NSLDS: Federal Pell Grants 2012–13

Description: Total amount of federal Pell Grants received for all enrollment in 2012-13.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2012-13 was \$5,550.

Applies To: All respondents.

X5PELLAMT14

Label: NSLDS: Federal Pell Grants 2013–14

Description: Total amount of federal Pell Grants received for all enrollment in 2013-14.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2013-14 was \$5,645.

Applies To: All respondents.

X5PELLAMT15

Label: NSLDS: Federal Pell Grants 2014–15

Description: Total amount of federal Pell Grants received for all enrollment in 2014-15.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2014-15 was \$5,730.

Applies To: All respondents.

X5PELLAMT16

Label: NSLDS: Federal Pell Grants 2015–16

Description: Total amount of federal Pell Grants received for all enrollment in 2015-16.

Notes: Pell Grants are need-based grants awarded to undergraduates who have not yet received a bachelor's degree and to students in teaching certificate programs. The Pell Grant amount depends on the expected family contribution (EFC), the price of attendance, and attendance status (i.e., full time or part time, full year or part year). The maximum Pell Grant in 2015-16 was \$5,775.

Applies To: All respondents.

X5EVRDEF

Label: NSLDS: Ever defaulted on a loan as of June 30, 2016

Description: Indicates whether the respondent ever defaulted on a federal loan through June 30, 2016.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5EVRDEF12

Label: NSLDS: Ever defaulted on a loan 2011-12

Description: Indicates whether the respondent ever defaulted on a federal loan in 2011-12.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2012.

X5EVRDEF13

Label: NSLDS: Ever defaulted on a loan 2012-13

Description: Indicates whether the respondent ever defaulted on a federal loan in 2012-13.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2013.

X5EVRDEF14

Label: NSLDS: Ever defaulted on a loan 2013-14

Description: Indicates whether the respondent ever defaulted on a federal loan in 2013-14.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2014.

X5EVRDEF15

Label: NSLDS: Ever defaulted on a loan 2014-15

Description: Indicates whether the respondent ever defaulted on a federal loan in 2014-15.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2015.

X5EVRDEF16

Label: NSLDS: Ever defaulted on a loan 2015-16

Description: Indicates whether the respondent ever defaulted on a federal loan in 2015-16.

Notes: A loan is in default if the borrower fails to make a payment for 270 days. Excludes Parent PLUS loans.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5EVRDFR

Label: NSLDS: Ever had a deferment as of June 30, 2016

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans, Perkins, and Direct PLUS Loans to parents of undergraduate students through June 30, 2016.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5DEFER12

Label: NSLDS: Deferred federal loans 2011-12

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) and Perkins in 2011-12.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2012.

X5DEFER13

Label: NSLDS: Deferred federal loans 2012-13

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) and Perkins in 2012-13.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2013.

X5DEFER14

Label: NSLDS: Deferred federal loans 2013-14

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) and Perkins in 2013-14.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2014.

X5DEFER15

Label: NSLDS: Deferred federal loans 2014-15

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) and Perkins in 2014-15.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2015.

X5DEFER16

Label: NSLDS: Deferred federal loans 2015-16

Description: Indicates whether the respondent ever had a deferment on Direct Subsidized and Unsubsidized Loans (also known as subsidized and unsubsidized Stafford Loans) and Perkins in 2015-16.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5EVRFB

Label: NSLDS: Ever had a forbearance as of June 30, 2016

Description: Indicates whether the respondent ever had a forbearance on a Direct Subsidized or Unsubsidized Loans or Perkins loan through June 30, 2016.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5FORBEAR12

Label: NSLDS: Federal loan entered forbearance 2011-12

Description: Indicates whether the respondent ever had a forbearance on a Direct Subsidized or Unsubsidized Loans or Perkins loan in 2011-12.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2012.

X5FORBEAR13

Label: NSLDS: Federal loan entered forbearance 2012-13

Description: Indicates whether the respondent had a forbearance on a Direct Subsidized or Unsubsidized Loan or Perkins loan in 2012-13.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2013.

X5FORBEAR14

Label: NSLDS: Federal loan entered forbearance 2013-14

Description: Indicates whether the respondent had a forbearance on a Direct Subsidized or Unsubsidized Loan or Perkins loan in 2013-14.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2014.

X5FORBEAR15

Label: NSLDS: Federal loan entered forbearance 2014-15

Description: Indicates whether the respondent had a forbearance on a Direct Subsidized or Unsubsidized Loan or Perkins loan in 2014-15.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2015.

X5FORBEAR16

Label: NSLDS: Federal loan entered forbearance 2015-16

Description: Indicates whether the respondent had a forbearance on a Direct Subsidized or Unsubsidized Loan or Perkins loan in 2015-16.

Applies To: Respondents who took out federal loans (excludes Parent PLUS Loans) as of June 30, 2016.

X5PFYTFEDWRK_IM

Label: X5 imputation flag for X5PFYTFEDWRK

Description: This variable indicates whether the variable X5PFYTFEDWRK or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTATEAMT_IM

Label: X5 imputation flag for X5PFYSTATEAMT

Description: This variable indicates whether the variable X5PFYSTATEAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTATNEED_IM

Label: X5 imputation flag for X5PFYSTATNEED

Description: This variable indicates whether the variable X5PFYSTATNEED or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTATNOND_IM

Label: X5 imputation flag for X5PFYSTATNOND

Description: This variable indicates whether the variable X5PFYSTATNOND or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTGTAMT_IM

Label: X5 imputation flag for X5PFYSTGTAMT

Description: This variable indicates whether the variable X5PFYSTGTAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTMILAMT_IM

Label: X5 imputation flag for X5PFYSTMILAMT

Description: This variable indicates whether the variable X5PFYSTMILAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTNDMRT_IM

Label: X5 imputation flag for X5PFYSTNDMRT

Description: This variable indicates whether the variable X5PFYSTNDMRT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTNDONLY_IM

Label: X5 imputation flag for X5PFYSTNDONLY

Description: This variable indicates whether the variable X5PFYSTNDONLY or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTNOND1_IM

Label: X5 imputation flag for X5PFYSTNOND1

Description: This variable indicates whether the variable X5PFYSTNOND1 or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTVETAMT_IM

Label: X5 imputation flag for X5PFYSTVETAMT

Description: This variable indicates whether the variable X5PFYSTVETAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTWKAMT_IM

Label: X5 imputation flag for X5PFYSTWKAMT

Description: This variable indicates whether the variable X5PFYSTWKAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTMERIT_IM

Label: X5 imputation flag for X5PFYSTMERIT

Description: This variable indicates whether the variable X5PFYSTMERIT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTLNAMT_IM

Label: X5 imputation flag for X5PFYSTLNAMT

Description: This variable indicates whether the variable X5PFYSTLNAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYVOCHELP_IM

Label: X5 imputation flag for X5PFYVOCHELP

Description: This variable indicates whether the variable X5PFYVOCHELP or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTAMT_IM

Label: X5 imputation flag for X5PFYINSTAMT

Description: This variable indicates whether the variable X5PFYINSTAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINGRTAMT_IM

Label: X5 imputation flag for X5PFYINGRTAMT

Description: This variable indicates whether the variable X5PFYINGRTAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTNEED_IM

Label: X5 imputation flag for X5PFYINSTNEED

Description: This variable indicates whether the variable X5PFYINSTNEED or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSMERIT_IM

Label: X5 imputation flag for X5PFYINSMERIT

Description: This variable indicates whether the variable X5PFYINSMERIT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINATHAMT_IM

Label: X5 imputation flag for X5PFYINATHAMT

Description: This variable indicates whether the variable X5PFYINATHAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTNOND1_IM

Label: X5 imputation flag for X5PFYINSTNOND1

Description: This variable indicates whether the variable X5PFYINSTNOND1 or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYEMPLWAIV_IM

Label: X5 imputation flag for X5PFYEMPLWAIV

Description: This variable indicates whether the variable X5PFYEMPLWAIV or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSMILAMT_IM

Label: X5 imputation flag for X5PFYINSMILAMT

Description: This variable indicates whether the variable X5PFYINSMILAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINLNAMT_IM

Label: X5 imputation flag for X5PFYINLNAMT

Description: This variable indicates whether the variable X5PFYINLNAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSWAIV_IM

Label: X5 imputation flag for X5PFYINSWAIV

Description: This variable indicates whether the variable X5PFYINSWAIV or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTWRK_IM

Label: X5 imputation flag for X5PFYINSTWRK

Description: This variable indicates whether the variable X5PFYINSTWRK or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTVETAMT_IM

Label: X5 imputation flag for X5PFYINSTVETAMT

Description: This variable indicates whether the variable X5PFYINSTVETAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYMERITAID_IM

Label: X5 imputation flag for X5PFYMERITAID

Description: This variable indicates whether the variable X5PFYMERITAID or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSEOGAMT_IM

Label: X5 imputation flag for X5PFYSEOGAMT

Description: This variable indicates whether the variable X5PFYSEOGAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTTIVAMT_IM

Label: X5 imputation flag for X5PFYTTIVAMT

Description: This variable indicates whether the variable X5PFYTTIVAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYNEEDAID_IM

Label: X5 imputation flag for X5PFYNEEDAID

Description: This variable indicates whether the variable X5PFYNEEDAID or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTTIVAIDREC_IM

Label: X5 imputation flag for X5PFYTTIVAIDREC

Description: This variable indicates whether the variable X5PFYTTIVAIDREC or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYSTAIDREC_IM

Label: X5 imputation flag for X5PFYSTAIDREC

Description: This variable indicates whether the variable X5PFYSTAIDREC or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYINSTAIDREC_IM

Label: X5 imputation flag for X5PFYINSTAIDREC

Description: This variable indicates whether the variable X5PFYINSTAIDREC or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYANYAIDREC_IM

Label: X5 imputation flag for X5PFYANYAIDREC

Description: This variable indicates whether the variable X5PFYANYAIDREC or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYCAMPAMT_IM

Label: X5 imputation flag for X5PFYCAMPAMT

Description: This variable indicates whether the variable X5PFYCAMPAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYFEDNEED_IM

Label: X5 imputation flag for X5PFYFEDNEED

Description: This variable indicates whether the variable X5PFYFEDNEED or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYFEDPACK_IM

Label: X5 imputation flag for X5PFYFEDPACK

Description: This variable indicates whether the variable X5PFYFEDPACK or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYT4GRTAMT_IM

Label: X5 imputation flag for X5PFYT4GRTAMT

Description: This variable indicates whether the variable X5PFYT4GRTAMT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYNETPRICEALL_IM

Label: X5 imputation flag for X5PFYNETPRICEALL

Description: This variable indicates whether the variable X5PFYNETPRICEALL or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTOTLON2_IM

Label: X5 imputation flag for X5PFYTOTLON2

Description: This variable indicates whether the variable X5PFYTOTLON2 or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYNETPRICEGRT_IM

Label: X5 imputation flag for X5PFYNETPRICEGRT

Description: This variable indicates whether the variable X5PFYNETPRICEGRT or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYPELLPACK_IM

Label: X5 imputation flag for X5PFYPELLPACK

Description: This variable indicates whether the variable X5PFYPELLPACK or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTOTLON_IM

Label: X5 imputation flag for X5PFYTOTLON

Description: This variable indicates whether the variable X5PFYTOTLON or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTOTLON2_IM

Label: X5 imputation flag for X5PFYTOTLON2

Description: This variable indicates whether the variable X5PFYTOTLON2 or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5PFYTOTLON3_IM

Label: X5 imputation flag for X5PFYTOTLON3

Description: This variable indicates whether the variable X5PFYTOTLON3 or any of its components were statistically imputed or not imputed.

Applies To: Student record respondents.

X5EVRFEDAPP_IM

Label: X5 imputation flag for X5EVRFEDAPP

Description: This variable indicates whether the variable X5EVRFEDAPP or any of its components were statistically imputed or not imputed.

Applies To: All respondents.

X5FEDAPP14_IM

Label: X5 imputation flag for X5FEDAPP14

Description: This variable indicates whether the variable X5FEDAPP14 or any of its components were statistically imputed or not imputed.

Applies To: All respondents.

X5FEDAPP15_IM

Label: X5 imputation flag for X5FEDAPP15

Description: This variable indicates whether the variable X5FEDAPP15 or any of its components were statistically imputed or not imputed.

Applies To: All respondents.

X5FEDAPP16_IM

Label: X5 imputation flag for X5FEDAPP16

Description: This variable indicates whether the variable X5FEDAPP16 or any of its components were statistically imputed or not imputed.

Applies To: All respondents.

X5PFYTUITION_IM

Label: X5 source flag for X5PFYTUITION

Description: This variable indicates the source of the value for X5PFYTUITION.

Applies To: Student record respondents