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ABSTRACT

Six tables present data on nationwide school enrollment among various socioeconomic and demographic groups in 1981 and earlier years. From 1980 to 1981, total school enrollment continued the downward trend that began 6 years earlier, as the number of elementary school students declined and the number of high school students leveled off and then declined. Three tables give data on 1965-81 enrollment among persons aged 3 to 34, broken down by educational level, race, Spanish origin, age, sex, and public or private control of the school. The remaining tables cover college enrollment from 1965-81 by sex, race, and Spanish origin; from 1972-81 by age and sex; and from 1970-81 by type of college, attendance status, age, and sex. (MLF)

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# Population Characteristics

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## School Enrollment — Social and Economic Characteristics of Students: October 1981 (Advance Report)

From 1980 to 1981, total school enrollment continued the downward trend that began 6 years before, as the number of elementary school students declined and the number of high school students leveled off and then declined. In October 1981, 58.4 million persons 3 to 34 years old were enrolled in school, including 2.1 million in nursery school, 3.2 million in kindergarten, 27.8 million in elementary school, 14.6 million in high school, and 10.7 million in college. The data are from the October 1981 school enrollment supplement to the monthly Current Population Survey.

Two series of data are shown for 1981 when survey estimates were inflated separately to independent population estimates based on the 1970 census and to independent estimates based on the 1980 census. The 1980 census showed marked differences in population figures by age in comparison with independent estimates for the same year built on the results of the previous census. This is particularly apparent among persons of school age. When enrollment rates found in the 1981 survey for each age, race, and sex group were applied to the 1980 census-based population estimates for these groups, the total number of persons enrolled was larger than the number derived using the 1970 census-based estimates. In this report, comparisons of figures for 1981 with data for 1976 to 1980 are based on 1970 census-based estimates for each year. All other discussion of figures for 1981 involve 1980 census-based estimates. A more detailed account of the impact of the introduction of new population controls will appear in the final enrollment report for 1981.

From 1980 to 1981, elementary enrollment declined slightly to about 18 percent below its 1970 peak; high school enrollment did not decline, but, in 1981, it was 9 percent below its apparent 1976-77 peak. Kindergarten enrollment did not change significantly from 1980 to 1981, but it was about 12 percent below the mid-1970's peak. At the nursery school level, enrollment did not change significantly during the 1980-81 period, but the number enrolled was about twice the number enrolled a decade earlier, largely because of substantial increases in enrollment rates of the eligible age groups: 3- and 4-year-olds (table 2). College enrollment did not change significantly during the period.

**Private school enrollment.** The proportion of all elementary and secondary students enrolled in private schools in 1981 was about the same as in 1971. Among elementary school students, 11 percent were attending private schools in 1971 and in 1981. The private elementary school enrollment rate declined from 15 percent in 1964 to about 10 percent in the mid-1970's. (See table.) The apparent increase in the proportion of elementary school children enrolled in private schools in the late 1970's did not continue. The proportion has been 11 percent since 1977, and the number of students in private elementary schools has not risen since the decline ended in the mid-1970's. The influx of smaller birth cohorts into elementary schools, which began in the late 1960's, has caused substantial enrollment reductions in all types of schools. This undoubtedly affected private school enrollment along with public school enrollment as the numbers of students enrolled in both types of schools declined over the last decade. There were less than two-thirds as many students enrolled in private elementary schools in 1981 as in 1964 (3.0 million vs 4.9 million). For a decade, private high school enrollment has not varied significantly from the most recent figure of 7.6 percent; at its peak in the mid-1960's, it was about 11.0 percent of all high school enrollment.<sup>1</sup> At the nursery school level, two-thirds of the students were in private schools in 1981. Among kindergarten students the figure was 17 percent (table 1).

**Enrollment rates by age.** School enrollment rates by age show some variation by race and ethnicity at noncompulsory school attendance ages (table 6). The rates did not vary substantially at the compulsory school ages, with 98 percent or better of all persons between 7 and 15 years old enrolled in school. At nursery-school ages, 36 percent of all 3- and 4-year-olds were enrolled in school in 1981, with similar proportions for White and Black children; only 25 percent of children of Spanish origin were enrolled. Above the compulsory attendance ages, there were also differences:

<sup>1</sup> U.S. Bureau of the Census, Current Population Reports, Series P-23, No. 121, *Private School Enrollment, Tuition and Enrollment Trends: October 1979*.

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### Percentage of Elementary and High School Enrollment in Private Schools: 1960 to 1981

Year	Elementary (grades 1-8)	High school (grades 9-12)	Year	Elementary (grades 1-8)	High school (grades 9-12)
1981 <sup>1</sup> .....	10.9	7.6	1970.....	11.6	8.0
1881 <sup>2</sup> .....	11.0	7.7	1969.....	11.7	7.9
1980.....	11.1	(NA)	1968.....	12.5	9.6
1979.....	11.2	7.4	1967.....	13.6	9.4
1978.....	11.4	8.0	1966.....	14.3	10.3
1977.....	11.1	7.9	1965.....	15.0	11.2
1976.....	10.3	7.6	1964.....	15.5	11.0
1975.....	10.8	7.5	1963.....	15.2	10.1
1974.....	10.2	7.6	1962.....	14.7	9.4
1973.....	10.4	7.7	1961.....	14.6	10.4
1972.....	11.0	7.6	1960.....	14.9	10.1
1971.....	11.0	7.4			

NA Not available.

<sup>1</sup>Consistent with 1980 census-based population estimates.

<sup>2</sup>Consistent with 1970 census-based population estimates.

about 91 percent of both Black and White 16- and 17-year-olds were enrolled in school in 1981; for Spanish-origin youth, the figure was 83 percent. At ages 18 and 19, persons of Spanish origin also remained less likely than Blacks or Whites to be enrolled in school; among those of Spanish origin, only 38 percent of 18- and 19-year-olds were in school, but among Blacks and Whites, roughly one-half were still enrolled in school. One-fifth of White persons 18 and 19 years old enrolled in school were enrolled in high school, the remainder in college. For Black and Spanish-origin 18- and 19-year-olds, about two-fifths of those enrolled in school were still attending high school.

About 39 percent of White 18- and 19-year-olds were attending college; the figure for Blacks and for persons of Spanish origin together was only about one-fourth. However, for each race or ethnic group one-half or close to one-half of 18- and 19-year-old high school graduates were attending college. Thus, overall differences by race and ethnicity in college attendance are due to differences in the proportion becoming eligible, i.e., graduating from high school.

At older ages ethnic and racial differences in enrollment rates disappear rapidly. According to data in table 6, the percentage enrolled among persons 20 and 21 years old was lower than average for Black and Spanish-origin persons. Beyond age 21, there were no significant differences. (Only the youngest group of persons of Spanish origin showed evidence of lower than average attendance).

Perhaps the most important differences were in the proportions of the age group who were not enrolled in school and not high school graduates, i.e., dropouts. Among civilian 18- and 19-year-olds, 16 percent of Whites and 19 percent of Blacks were dropouts. The difference is significantly less than that recorded in 1967 (the first year such data were available) when 16 percent of Whites and 26 percent of Blacks of the same age were dropouts.<sup>2</sup> For persons of Spanish origin, the dropout rate is fully double the national figure; 36 percent

of 18- and 19-year-old persons of Spanish origin were dropouts in 1981.

College enrollment. Among persons under 35 years old, college enrollment was 10.7 million in 1981; it has remained around 10 million since 1976. When students of all ages are considered, including those 35 years old and over, college enrollment was about 12 million in 1981. The proportion of college students under 35 years old who were attending school full time was 70.5 percent in 1981, about the same as in the previous 4 years. In 1970, the proportion enrolled full time was much higher, 77.7 percent (table 1). The number of persons enrolled full time did not decline from 1970 to 1981, but rose by one-third to 7.6 million in 1981, while the number enrolled part time about doubled to 3.2 million. In 1970, one-half million Black students attended college; in 1981, Black college enrollment was about 1.1 million. This figure has remained about the same since 1976. Spanish college enrollment reached one-half million in 1981. In 1972, the first year data were available separately for persons of Spanish origin, the figure was about one-quarter million. In 1981, Blacks constituted 10.6 percent of all college students, and Spanish-origin students constituted 4.8 percent; in 1972 the figures were 8.7 and 2.9 percent, respectively.

Among all college students 14 years old and over, women outnumbered men in 1981, just as they did in 1979 and 1980. The ratio for students of all ages was 108 women for every 100 men. In 1972, the first year data for college students of all ages were available, men enrolled in college outnumbered women by 1.3 million, and the ratio of women to men was only 0.74. In all age groups between 20 and 34 years old in 1972, more men than women were attending college, only at the youngest and oldest ages shown in table 4 did the number of men not exceed the number of women on campus.

From 1972 to 1981, total college enrollment grew by 33 percent, reflecting a 12-percent increase for men and a 63-percent increase for women. Young male students (under

<sup>2</sup>U.S. Bureau of the Census, Current Population Reports, Series P-20, No. 190, *School Enrollment: October 1968 and 1967*.

25 years old) dropped from 40 to 32 percent of all students, while young women constituted 32 percent of all students in both years. Women 25 years old and over increased from 11 to 20 percent of the total, while men in this age group remained between 16 and 17 percent of all students. Students of "traditional college ages" (21 or under) were no longer the majority of all college students in 1981.

The college enrollment survey figures presented thus far include full-time and part-time students, undergraduates and graduates, those in universities, other 4-year colleges, 2-year colleges, and professional schools. While the rise in the college attendance is particularly marked for women, it cannot be attributed solely to increased part-time attendance or continuing education because one-half of the increase was in full-time enrollment. Among students 14 to 34 years old, women reached about the same level as men in full-time undergraduate enrollment, but they exceeded men in part-time enrollment in 1981. In 2-year colleges, the total number of women exceeded the number of men with a women/men ratio of 1.17 in 1981. In 1972, the number of men exceeded the number of women in 2-year colleges, and the ratio of women to men was only 0.70.

The number of women has increased in relation to that for men at all levels of school and all enrollment statuses. While in 1972, they were greatly outnumbered by men, by 1981, women were on a par with men in full-time undergraduate enrollment and getting closer in graduate school enrollment. Among the 1.7 million graduate students in

1981, men outnumbered women by 176,000 with the difference appearing to be in full-time students. In fact, among the larger group of male graduate students, 55 percent attended full time, while among female graduate students, 42 percent attended full time.

The growth in undergraduate enrollment between 1972 and 1981 did not affect 2-year and 4-year colleges equally. In 1981, 2-year colleges enrolled 32 percent of undergraduates, in 1972, they enrolled only 27 percent of undergraduates. This group of schools absorbed one-half of the growth in undergraduate enrollment in the 9-year period. As they did among all undergraduates, there is some evidence that women contributed over three-fourths of the growth in the number of 2-year college students.

Although women constituted one-half of full-time undergraduate enrollment in 1981, they remained behind men with only 38 percent of full-time graduate enrollment. Data from other sources show women do not yet graduate from college at the same rate as men.<sup>3</sup> It remains to be seen if the current similar enrollment figures for men and women (table 5) will produce equal proportions of college graduates in the future.

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<sup>3</sup> U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics, 1981*; and U.S. Bureau of the Census, *Current Population Reports, Series P-20, No. 374, Population Profile of the United States: 1981*.

**Table 1. School Enrollment of Persons 3 to 34 Years Old, by Level and Control of School, Race, and Spanish Origin: October 1965 to October 1981**

(Numbers in thousands. Civilian noninstitutional population)

Level and control of school	1981 <sup>1</sup>	1981 <sup>2</sup>	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
<b>ALL RACES</b>														
Total enrolled.....	58,390	56,940	57,348	57,854	58,616	60,013	60,482	60,969	60,259	59,392	60,142	61,106	60,357	54,701
Nursery school.....	2,058	2,026	1,987	1,869	1,824	1,618	1,526	1,748	1,607	1,324	1,283	1,066	1,096	520
Public.....	663	657	633	636	587	562	476	574	423	400	402	317	333	127
Private.....	1,396	1,369	1,354	1,233	1,237	1,056	1,050	1,174	1,184	924	886	749	763	393
Kindergarten.....	3,161	3,069	3,176	3,025	2,989	3,191	3,490	3,393	3,252	3,074	3,135	3,263	3,183	3,057
Public.....	2,616	2,540	2,690	2,593	2,493	2,665	2,962	2,851	2,726	2,582	2,636	2,689	2,647	2,439
Private.....	545	529	486	432	496	526	528	542	526	493	499	574	536	618
Elementary school.....	27,795	27,059	27,449	27,865	28,490	29,234	29,774	30,446	31,126	31,469	32,242	33,507	33,950	32,474
Public.....	24,758	24,083	24,398	24,756	25,252	25,983	26,698	27,166	27,956	28,201	28,693	29,829	30,001	27,596
Private.....	3,037	2,976	3,051	3,109	3,238	3,251	3,075	3,279	3,169	3,268	3,549	3,678	3,949	4,878
High school.....	14,642	14,349	14,556	15,116	15,475	15,753	15,742	15,683	15,647	15,347	15,169	15,183	14,715	12,975
Public.....	13,523	13,249	(NA)	13,994	14,231	14,505	14,541	14,503	14,275	14,162	14,015	14,057	13,545	11,517
Private.....	1,119	1,100	(NA)	1,122	1,244	1,248	1,201	1,180	1,172	1,184	1,155	1,126	1,170	1,457
College.....	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Public.....	8,159	7,911	(NA)	7,699	7,427	7,925	7,739	7,704	6,905	6,224	6,337	6,271	5,699	3,840
Private.....	2,576	2,525	(NA)	2,280	2,410	2,292	2,211	1,994	1,922	1,955	1,976	1,816	1,714	1,835
College:														
Full time.....	7,569	7,384	7,147	7,010	6,979	7,196	7,176	7,105	6,351	6,089	6,314	6,204	5,763	4,414
Percent.....	70.5	70.7	70.2	70.3	70.9	70.4	72.1	73.3	74.4	76.0	76.0	76.7	77.7	77.8
Part time.....	3,166	3,053	3,033	2,968	2,859	3,021	2,773	2,592	2,476	2,090	1,999	1,883	1,650	1,261
<b>WHITE</b>														
Total enrolled.....	48,169	47,098	47,673	48,225	48,843	50,151	50,761	51,430	50,992	50,617	51,314	52,081	51,719	47,451
Nursery school.....	1,685	1,657	1,637	1,537	1,456	1,314	1,246	1,432	1,340	1,087	1,079	888	893	451
Public.....	447	441	432	428	351	372	318	392	293	242	285	225	198	93
Private.....	1,238	1,216	1,205	1,110	1,105	942	929	1,040	1,048	845	794	664	695	358
Kindergarten.....	2,597	2,514	2,595	2,437	2,452	2,611	2,881	2,845	2,745	2,584	2,693	2,735	2,706	2,648
Public.....	2,130	2,060	2,172	2,069	2,009	2,153	2,423	2,363	2,268	2,139	2,185	2,207	2,233	2,086
Private.....	467	453	423	368	444	458	457	483	477	445	448	527	473	562
Elementary school.....	22,663	22,081	22,510	22,959	23,524	24,262	24,776	25,412	26,051	26,531	27,185	28,187	28,638	27,679
Public.....	19,924	19,390	19,743	20,174	20,551	21,312	21,947	22,351	23,063	23,506	23,869	24,720	24,923	22,976
Private.....	2,739	2,691	2,768	2,785	2,973	2,950	2,829	2,990	3,025	3,025	3,316	3,466	3,715	4,703
High school.....	12,082	11,862	12,056	12,583	12,897	13,152	13,214	13,224	13,073	13,091	12,959	12,998	12,723	11,356
Public.....	11,035	10,849	(NA)	11,549	11,741	11,980	12,093	12,112	11,966	11,967	11,876	11,937	11,599	9,961
Private.....	1,027	1,013	(NA)	1,033	1,156	1,172	1,121	1,112	1,107	1,124	1,083	1,061	1,124	1,395
College.....	9,162	8,983	8,875	8,709	8,534	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Public.....	6,906	6,754	(NA)	6,672	6,368	6,743	6,657	6,724	6,049	5,550	5,644	5,624	5,168	3,568
Private.....	2,256	2,229	(NA)	2,037	2,165	2,069	1,987	1,792	1,732	1,773	1,814	1,650	1,591	1,749
College:														
Full time.....	6,452	6,349	6,212	6,058	5,974	6,165	6,170	6,183	5,575	5,408	5,678	5,560	5,221	4,111
Percent.....	70.4	70.7	70.0	69.6	70.2	70.0	71.4	72.6	71.6	73.8	76.1	76.4	77.2	77.3
<b>BLACK</b>														
Total enrolled.....	8,350	8,282	8,254	8,317	8,416	8,564	8,518	8,400	8,215	7,834	7,959	8,178	7,829	7,252
Nursery school.....	284	294	294	278	312	250	226	276	227	210	185	151	178	72
Public.....	182	187	180	185	210	171	146	171	121	146	113	90	129	37
Private.....	102	107	115	93	102	78	80	105	106	64	72	61	49	35
Kindergarten.....	474	477	490	497	451	496	542	468	463	423	448	464	426	407
Public.....	412	415	440	443	414	447	482	426	416	391	402	422	374	353
Private.....	62	62	50	54	38	50	60	42	47	32	46	42	53	54
Elementary school.....	4,291	4,281	4,259	4,296	4,356	4,387	4,430	4,509	4,585	4,473	4,573	4,877	4,868	4,796
Public.....	4,087	4,072	4,058	4,053	4,154	4,166	4,256	4,344	4,455	4,277	4,382	4,712	4,668	4,620
Private.....	204	208	202	243	202	221	175	165	131	196	191	165	200	176
High school.....	2,168	2,150	2,200	2,245	2,276	2,327	2,258	2,199	2,125	2,044	2,025	2,006	1,834	1,619
Public.....	2,102	2,085	(NA)	2,171	2,211	2,269	2,187	2,140	2,072	1,988	1,971	1,951	1,794	1,556
Private.....	65	65	(NA)	74	65	59	71	59	54	56	54	55	41	62
College.....	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	814	684	727	680	522	358
Public.....	898	857	(NA)	814	822	916	887	782	659	537	582	532	422	272
Private.....	235	223	(NA)	188	199	187	175	166	155	147	145	148	100	86
College:														
Full time.....	815	776	723	748	753	803	817	742	589	536	525	534	427	218
Percent.....	71.9	71.9	71.8	74.6	73.8	72.8	76.9	78.3	72.4	78.3	72.3	78.5	81.8	79.6
<b>SPANISH ORIGIN<sup>3</sup></b>														
Total enrolled.....	4,551	4,378	4,263	3,608	3,455	3,516	3,623	3,741	3,620	3,171	3,257	(NA)	(NA)	(NA)
Nursery school.....	131	126	146	89	87	75	68	85	85	68	61	(NA)	(NA)	(NA)
Public.....	68	66	70	50	47	30	38	47	37	41	43	(NA)	(NA)	(NA)
Private.....	63	60	75	39	39	46	30	39	48	27	18	(NA)	(NA)	(NA)
Kindergarten.....	306	292	263	226	231	220	262	235	225	171	261	(NA)	(NA)	(NA)
Public.....	282	268	234	210	198	206	242	218	207	165	227	(NA)	(NA)	(NA)
Private.....	24	23	30	16	33	14	20	17	18	6	14	(NA)	(NA)	(NA)
Elementary school.....	2,474	2,373	2,363	1,934	1,893	1,874	1,934	2,062	2,040	1,884	1,879	(NA)	(NA)	(NA)
Public.....	2,239	2,146	2,134	1,745	1,704	1,654	1,768	1,858	1,780	1,712	1,705	(NA)	(NA)	(NA)
Private.....	235	227	228	189	188	220	165	204	260	172	173	(NA)	(NA)	(NA)
High school.....	1,130	1,101	1,048	820	868	928	932	948	916	758	834	(NA)	(NA)	(NA)
Public.....	1,056	1,029	(NA)	875	825	836	867	886	858	707	784	(NA)	(NA)	(NA)
Private.....	74	72	(NA)	45	43	92	65	62	59	51	50	(NA)	(NA)	(NA)
College.....	510	486	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Public.....	398	379	(NA)	365	315	357	354	358	297	247	213	(NA)	(NA)	(NA)
Private.....	112	107	(NA)	75	62	60	73	53	57	43	29	(NA)	(NA)	(NA)
College:														
Full time.....	343	326	294	314	231	287	297	287	247	201	178	(NA)	(NA)	(NA)
Percent.....	67.3	67.1	66.4	71.4	61.3	68.7	69.6	69.8	69.8	69.3	73.6	(NA)	(NA)	(NA)

(NA) Not available.

<sup>1</sup>Controlled to 1980 census base.

<sup>2</sup>Controlled to 1

**Table 2. Percentage of Persons 3 to 34 Years Old Enrolled in School, by Age and Sex: October 1965 to October 1981**

(Civilian noninstitutional population)

Age and sex	1981 <sup>1</sup>	1981 <sup>2</sup>	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
<b>Total, 3 to 34 years...</b>	48.9	49.1	49.7	45.3	51.2	52.5	53.1	53.7	53.6	53.5	54.9	56.2	56.4	55.5
3 and 4 years.....	36.0	36.1	36.7	35.1	34.2	32.0	31.3	31.5	28.8	24.2	24.4	21.2	20.5	10.6
5 and 6 years.....	94.0	94.1	95.7	95.8	95.3	95.8	95.5	94.7	94.2	92.5	91.9	91.6	89.5	84.9
7 to 13 years.....	99.2	99.2	99.3	99.2	99.1	99.4	99.2	99.3	99.3	99.2	99.2	99.1	99.2	99.4
14 to 17 years.....	94.1	94.2	93.4	93.6	93.7	93.6	93.7	93.6	92.9	92.9	93.3	94.5	94.1	93.2
18 and 19 years.....	49.0	49.1	46.4	45.0	45.4	46.2	46.2	46.9	43.1	42.9	46.3	49.2	47.7	46.3
20 and 21 years.....	31.6	31.7	31.0	30.2	29.5	31.8	32.0	31.2	30.2	30.1	31.4	32.2	31.9	27.6
22 to 24 years.....	16.5	16.4	16.3	15.8	16.3	16.5	17.1	16.2	15.1	14.5	14.8	15.4	14.9	13.2
25 to 29 years.....	9.0	8.9	9.3	8.6	9.4	10.8	10.0	10.1	9.6	8.5	8.6	8.0	7.5	6.1
30 to 34 years.....	6.9	6.9	6.4	6.4	6.4	6.9	6.0	6.6	5.7	4.5	4.6	4.9	4.2	3.2
<b>Male, 3 to 34 years.....</b>	50.2	50.4	50.9	51.8	52.9	54.3	55.1	56.0	56.0	56.1	57.8	59.3	59.7	58.8
3 and 4 years.....	36.8	36.7	37.8	34.6	34.0	32.1	30.9	30.9	28.1	24.5	24.4	20.0	21.2	10.2
5 and 6 years.....	94.2	94.2	95.0	96.3	95.1	94.7	95.6	94.4	94.4	92.2	91.7	90.9	88.9	84.9
7 to 13 years.....	99.1	99.1	99.2	99.0	99.0	99.3	99.0	99.0	99.2	99.2	99.1	98.9	99.0	99.3
14 to 17 years.....	94.3	94.4	93.7	94.5	93.9	94.3	94.6	94.6	93.3	93.7	94.0	95.3	94.8	93.6
18 and 19 years.....	50.5	50.5	47.0	46.6	47.8	48.4	48.2	49.9	45.8	47.9	51.2	55.4	54.4	55.6
20 and 21 years.....	32.1	32.2	32.6	31.6	31.7	34.6	33.6	35.3	34.8	34.4	37.3	38.9	42.7	37.6
22 to 24 years.....	19.2	19.1	17.5	17.6	19.1	19.7	20.7	20.0	19.4	19.1	21.3	23.3	21.2	21.1
25 to 29 years.....	9.6	9.5	9.8	10.4	10.9	12.6	13.0	13.1	12.7	11.8	12.1	11.9	11.0	9.4
30 to 34 years.....	6.2	6.2	5.9	6.0	6.5	7.1	6.8	7.7	6.7	5.6	5.8	6.3	5.3	4.5
<b>Female, 3 to 34 years.....</b>	47.7	47.9	48.5	49.0	49.5	50.7	51.0	51.5	51.3	50.9	52.0	53.2	53.2	52.3
3 and 4 years.....	35.2	35.4	35.5	35.6	34.5	32.0	31.6	32.1	29.5	23.8	24.4	22.4	21.2	10.9
5 and 6 years.....	93.8	93.9	96.4	95.2	95.5	96.9	95.5	95.1	93.9	92.3	92.2	92.3	90.2	84.9
7 to 13 years.....	99.4	99.4	99.3	99.4	99.3	99.5	99.6	99.6	99.5	99.3	99.3	99.4	99.4	99.4
14 to 17 years.....	93.9	94.0	93.1	92.6	93.5	93.0	92.8	92.6	92.5	92.1	92.6	93.7	93.4	92.8
18 and 19 years.....	47.5	47.7	45.8	43.4	43.0	44.0	44.4	44.2	40.7	38.2	41.8	43.4	41.6	37.7
20 and 21 years.....	31.2	31.2	29.5	28.9	27.5	29.1	30.6	27.4	26.0	26.3	26.3	26.8	23.6	19.5
22 to 24 years.....	13.9	14.0	14.9	14.1	13.6	13.6	13.8	12.6	11.1	10.2	8.9	8.4	9.4	6.5
25 to 29 years.....	8.4	8.3	8.8	8.8	7.9	9.1	7.3	7.2	6.7	5.4	5.3	4.4	4.3	3.1
30 to 34 years.....	7.5	7.5	7.0	6.7	6.2	6.7	5.2	5.6	4.6	3.6	3.6	3.6	3.1	2.1

<sup>1</sup>Controlled to 1980 census base.  
<sup>2</sup>Controlled to 1970 census base.

**Table 3. College Enrollment of Persons 14 to 34 Years Old, by Sex, Race, and Spanish Origin: October 1965 to October 1981**

(In thousands. Civilian noninstitutional population)

Sex, race, and Spanish origin	1981 <sup>1</sup>	1981 <sup>2</sup>	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970	1965
<b>ALL RACES</b>														
<b>Total, enrolled in college.....</b>	10,734	10,437	10,180	9,978	9,838	10,217	9,950	9,697	8,827	8,179	8,313	8,087	7,413	5,675
Male.....	5,372	5,193	5,025	4,993	5,124	5,369	5,296	5,342	4,926	4,677	4,853	4,850	4,401	3,303
Female.....	5,363	5,244	5,155	4,986	4,714	4,848	4,654	4,355	3,901	3,502	3,460	3,236	3,013	2,372
<b>Year of college:</b>														
First year.....	3,096	3,032	2,957	2,885	2,766	2,936	2,632	2,886	2,557	2,282	2,320	2,443	2,212	1,861
Second year.....	2,560	2,500	2,411	2,291	2,286	2,364	2,535	2,376	1,999	1,807	1,965	1,885	1,739	1,256
Third year.....	1,799	1,744	1,716	1,653	1,658	1,681	1,748	1,492	1,422	1,476	1,454	1,392	1,248	896
Fourth year.....	1,598	1,543	1,403	1,458	1,445	1,427	1,356	1,354	1,360	1,230	1,253	1,175	1,074	803
Fifth year or higher.....	1,682	1,618	1,692	1,691	1,681	1,810	1,680	1,589	1,490	1,385	1,322	1,192	1,140	859
<b>WHITE</b>														
<b>Total, enrolled in college.....</b>	9,162	8,983	8,875	8,709	8,514	8,812	8,644	8,516	7,781	7,324	7,458	7,273	6,759	5,317
Male.....	4,620	4,514	4,438	4,400	4,508	4,717	4,658	4,774	4,367	4,218	4,397	4,407	4,066	3,326
Female.....	4,543	4,469	4,437	4,309	4,006	4,095	3,986	3,743	3,413	3,105	3,061	2,867	2,693	1,991
<b>BLACK</b>														
<b>Total, enrolled in college.....</b>	1,133	1,080	1,007	1,002	1,020	1,103	1,062	948	814	684	727	680	522	274
Male.....	505	474	437	434	452	490	489	442	422	358	384	363	253	126
Female.....	628	606	570	568	569	614	573	506	392	326	343	317	269	148
<b>SPANISH ORIGIN<sup>3</sup></b>														
<b>Total, enrolled in college.....</b>	310	486	443	440	377	418	427	411	354	290	242	(NA)	(NA)	(NA)
Male.....	258	243	222	226	196	223	223	219	196	167	126	(NA)	(NA)	(NA)
Female.....	252	243	221	214	181	194	204	192	158	123	117	(NA)	(NA)	(NA)

(NA) Not available.  
<sup>1</sup>Controlled to 1980 census base.  
<sup>2</sup>Controlled to 1970 census base.  
<sup>3</sup>Persons of Spanish origin may be of any race.

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**Table 4. Age Distribution of College Students 14 Years Old and Over, by Sex: October 1972 to October 1981**

(Numbers in thousands. Civilian noninstitutional<sup>1</sup> population)

Age and sex	1981 <sup>1</sup>	1981 <sup>2</sup>	1980	1979	1978	1977	1976	1975	1974	1973	1972
<b>NUMBER</b>											
<b>Both Sexes</b>											
Total, 14 years and over....	12,125	11,814	11,387	11,380	11,141	11,546	11,139	10,880	9,852	8,966	9,096
14 to 17 years.....	226	226	249	311	274	274	281	293	309	295	295
18 and 19 years.....	3,065	3,024	2,933	2,844	2,899	2,913	2,937	2,943	2,597	2,517	2,680
20 and 21 years.....	2,585	2,484	2,423	2,353	2,298	2,430	2,398	2,313	2,192	2,073	2,116
22 to 24 years.....	1,986	1,897	1,870	1,794	1,798	1,799	1,846	1,679	1,527	1,465	1,461
25 to 29 years.....	1,717	1,627	1,641	1,675	1,619	1,809	1,686	1,616	1,482	1,278	1,229
30 to 34 years.....	1,411	1,179	996	992	950	992	803	853	720	551	531
35 years and over.....	1,393	1,377	1,207	1,402	1,303	1,329	1,189	1,183	1,025	787	783
<b>Male</b>											
Total, 14 years and over....	5,825	5,636	5,430	5,480	5,580	5,889	5,785	5,911	5,402	5,048	5,218
14 to 17 years.....	96	94	96	129	106	112	105	128	145	121	141
18 and 19 years.....	1,450	1,432	1,369	1,341	1,391	1,396	1,391	1,424	1,282	1,293	1,366
20 and 21 years.....	1,239	1,212	1,246	1,192	1,202	1,280	1,209	1,256	1,206	1,130	1,170
22 to 24 years.....	1,144	1,080	989	975	1,028	1,036	1,073	1,011	943	937	998
25 to 29 years.....	909	858	853	893	922	1,035	1,067	1,025	951	867	848
30 to 34 years.....	533	517	472	463	476	511	451	496	420	329	330
35 years and over.....	453	443	405	487	457	520	489	569	476	371	365
<b>Female</b>											
Total, 14 years and over....	6,303	6,178	5,957	5,900	5,559	5,657	5,354	4,969	4,449	3,918	3,877
14 to 17 years.....	136	132	153	183	168	162	176	164	165	174	153
18 and 19 years.....	1,594	1,592	1,565	1,503	1,507	1,517	1,546	1,517	1,335	1,224	1,314
20 and 21 years.....	1,305	1,271	1,246	1,161	1,096	1,151	1,189	1,058	986	944	966
22 to 24 years.....	842	817	882	818	770	763	773	668	584	528	464
25 to 29 years.....	808	769	788	786	697	774	619	590	531	411	381
30 to 34 years.....	677	662	590	533	476	481	352	357	300	222	200
35 years and over.....	940	934	802	914	845	809	700	614	548	416	418
<b>PERCENT</b>											
<b>Both Sexes</b>											
Total, 14 years and over....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	1.9	1.9	2.2	2.7	2.5	2.4	2.5	2.7	3.1	3.3	3.2
18 and 19 years.....	25.1	25.6	25.8	25.0	26.0	25.3	26.4	27.0	26.4	28.1	29.5
20 and 21 years.....	21.0	21.0	21.3	20.7	20.6	21.0	21.5	21.3	22.2	23.1	23.3
22 to 24 years.....	16.4	16.1	16.4	15.8	16.1	15.6	16.6	15.4	15.5	16.3	16.1
25 to 29 years.....	14.2	13.8	14.4	14.8	14.5	15.7	15.1	14.9	15.0	14.3	13.5
30 to 34 years.....	10.0	10.0	9.3	8.8	8.5	8.6	7.2	7.8	7.3	6.1	5.8
35 years and over.....	11.5	11.7	10.6	12.3	11.7	11.5	10.7	10.9	10.4	8.8	8.6
<b>Male</b>											
Total, 14 years and over....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	1.6	1.7	1.8	2.4	1.9	1.9	1.8	2.2	2.7	2.4	2.7
18 and 19 years.....	24.9	25.4	25.2	24.5	24.9	23.7	24.0	24.1	23.4	25.6	26.2
20 and 21 years.....	21.3	21.5	22.9	21.8	21.5	21.7	20.9	21.2	22.3	22.4	22.4
22 to 24 years.....	19.6	19.2	18.2	17.8	18.4	17.6	18.6	17.1	17.5	18.6	19.1
25 to 29 years.....	15.6	15.2	15.7	16.3	16.5	17.6	18.4	17.3	17.6	17.2	16.3
30 to 34 years.....	9.2	9.2	8.7	8.4	8.5	8.7	7.8	8.4	7.8	6.5	6.3
35 years and over.....	7.8	7.9	7.5	8.9	8.2	8.8	8.5	9.6	8.8	7.3	7.0
<b>Female</b>											
Total, 14 years and over....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
14 to 17 years.....	2.2	2.1	2.6	3.1	3.0	2.9	3.3	3.3	3.7	4.4	3.9
18 and 19 years.....	25.3	25.8	26.3	25.5	27.1	26.8	28.9	30.5	30.0	31.2	33.9
20 and 21 years.....	20.7	20.6	19.8	19.7	19.7	20.3	22.2	21.3	22.2	24.1	24.4
22 to 24 years.....	13.4	13.2	14.8	13.9	13.9	13.5	14.4	13.4	13.1	13.5	12.0
25 to 29 years.....	12.8	12.4	13.2	13.3	12.5	13.7	11.6	11.9	11.9	10.5	9.8
30 to 34 years.....	10.7	10.7	9.9	9.0	8.6	8.5	6.6	7.2	6.7	5.7	5.2
35 years and over.....	14.9	15.1	13.5	15.5	15.2	14.3	13.1	12.4	12.3	10.6	10.8

<sup>1</sup>Controlled to 1980 census base.  
<sup>2</sup>Controlled to 1970 census base.

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**Table 5. College Enrollment of Students 14 to 34 Years Old, by Type of College, Attendance Status, Age, and Sex: October 1970 to October 1981**

(In thousands. Civilian noninstitutional population)

Age, sex, full-time status, and type of college	1981 <sup>1</sup>	1981 <sup>2</sup>	1980	1979	1978	1977	1976	1975	1974	1973	1972	1971	1970
<b>ALL COLLEGE STUDENTS</b>													
Total, 14 to 34 years.....	10,734	10,437	10,180	9,978	9,839	10,218	9,944	9,690	8,821	8,173	8,308	8,082	7,413
<b>ALL UNDERGRADUATES</b>													
Total, 14 to 34 years.....	9,053	8,819	8,488	8,287	8,158	8,408	8,270	8,108	7,338	6,794	6,992	6,895	6,274
14 to 19 years.....	3,276	3,250	3,182	3,156	3,173	3,184	3,216	3,237	2,906	2,812	2,974	3,008	2,854
20 and 21 years.....	2,511	2,451	2,392	2,308	2,247	2,376	2,358	2,255	2,131	2,031	2,065	1,936	1,803
22 to 24 years.....	1,458	1,387	1,316	1,297	1,233	1,206	1,224	1,072	1,026	924	944	1,019	866
25 to 34 years.....	1,808	1,731	1,599	1,526	1,506	1,640	1,472	1,546	1,272	1,028	1,011	931	750
Public.....	7,035	6,833	(NA)	6,541	6,340	6,676	6,574	6,595	5,837	5,273	5,454	5,468	4,911
Private.....	2,018	1,985	(NA)	1,746	1,816	1,722	1,690	1,505	1,494	1,515	1,532	1,424	1,363
Male, 14 to 34 years.....	4,443	4,303	4,111	4,106	4,188	4,372	4,301	4,393	4,030	3,791	3,982	4,017	3,627
Full time.....	3,397	3,303	3,192	3,163	3,221	3,304	3,291	3,394	3,128	3,035	3,231	3,240	3,045
Part time.....	1,046	1,000	920	943	967	1,068	1,010	999	902	756	751	777	582
Female, 14 to 34 years.....	4,610	4,517	4,377	4,183	3,969	4,027	3,969	3,715	3,307	3,004	3,010	2,878	2,646
Full time.....	3,343	3,285	3,123	3,051	2,948	3,002	3,090	2,902	2,561	2,423	2,445	2,348	2,164
Part time.....	1,266	1,231	1,254	1,132	1,021	1,025	879	813	746	581	565	530	482
<b>Full Time</b>													
Total, 14 to 34 years.....	6,740	6,588	6,315	6,225	6,169	6,304	6,381	6,296	5,689	5,460	5,678	5,588	5,208
14 to 19 years.....	2,983	2,960	2,897	2,892	2,878	2,855	2,963	2,987	2,661	2,629	2,797	2,801	2,685
20 and 21 years.....	2,157	2,106	2,107	1,994	1,919	2,075	2,033	1,958	1,842	1,801	1,845	1,729	1,628
22 to 24 years.....	986	937	810	814	821	775	821	696	697	630	624	700	591
25 to 34 years.....	613	585	500	525	559	598	563	655	488	398	412	357	301
<b>Part Time</b>													
Total, 14 to 34 years.....	2,312	2,231	2,173	2,062	1,988	2,104	1,889	1,812	1,649	1,334	1,314	1,307	1,066
14 to 19 years.....	293	291	282	264	302	329	253	250	245	183	177	207	169
20 and 21 years.....	353	343	286	314	328	301	325	297	289	230	220	207	175
22 to 24 years.....	471	450	505	483	412	431	403	376	331	294	320	319	275
25 to 34 years.....	1,195	1,146	1,098	1,001	947	1,042	909	891	784	630	599	574	449
<b>TWO-YEAR COLLEGE STUDENTS</b>													
Total, 14 to 34 years.....	2,892	2,801	2,666	2,407	2,453	2,510	2,435	2,561	2,072	1,797	1,910	1,830	1,692
14 to 19 years.....	1,144	1,125	1,080	933	966	933	907	1,024	834	816	883	928	895
20 and 21 years.....	566	549	450	403	427	455	444	431	369	278	334	307	281
22 to 24 years.....	414	392	417	407	391	380	367	354	305	254	267	263	234
25 to 34 years.....	760	735	721	664	670	741	718	752	565	449	426	331	283
Public.....	2,646	2,559	(NA)	2,233	2,247	2,362	2,282	2,437	1,917	1,669	1,816	1,726	1,559
Private.....	245	241	(NA)	174	206	148	153	123	154	128	94	105	133
Male, 14 to 34 years.....	1,333	1,280	1,195	1,106	1,214	1,253	1,272	1,412	1,172	1,012	1,125	1,087	1,001
Full time.....	801	773	739	661	679	681	734	850	709	629	770	726	726
Part time.....	532	506	456	445	535	572	538	562	463	383	355	361	275
Female, 14 to 34 years.....	1,559	1,521	1,472	1,301	1,239	1,256	1,163	1,148	899	785	785	743	691
Full time.....	842	825	759	680	664	691	696	717	528	471	484	473	452
Part time.....	717	696	713	621	575	565	467	431	371	314	301	270	239
<b>Full Time</b>													
Total, 14 to 34 years.....	1,643	1,599	1,498	1,341	1,343	1,372	1,430	1,567	1,237	1,100	1,255	1,199	1,177
14 to 19 years.....	927	910	884	749	776	718	764	865	702	702	772	797	786
20 and 21 years.....	357	344	287	251	243	283	261	274	233	165	223	209	197
22 to 24 years.....	170	162	160	156	157	162	177	155	151	121	134	124	114
25 to 34 years.....	189	181	167	185	167	208	228	274	152	111	126	70	80
<b>Part Time</b>													
Total, 14 to 34 years.....	1,249	1,202	1,168	1,066	1,110	1,138	1,005	994	835	697	655	631	515
14 to 19 years.....	217	214	195	184	190	216	143	159	132	114	111	131	109
20 and 21 years.....	209	203	163	152	184	172	183	157	136	113	111	98	84
22 to 24 years.....	243	230	256	251	234	218	190	199	154	133	133	139	120
25 to 34 years.....	579	554	554	479	503	533	490	478	413	338	300	261	203
<b>GRADUATE STUDENTS</b>													
Total, 14 to 34 years.....	1,681	1,618	1,692	1,691	1,681	1,810	1,680	1,590	1,490	1,385	1,320	1,192	1,140
14 to 21 years.....	34	34	30	44	51	57	42	57	61	42	52	63	54
22 to 24 years.....	530	511	554	497	565	593	622	607	499	541	517	468	488
25 to 34 years.....	1,120	1,074	1,104	1,149	1,063	1,161	1,017	923	930	801	749	663	599
Public.....	1,124	1,078	(NA)	1,157	1,087	1,241	1,161	1,105	1,061	945	877	799	789
Private.....	558	540	(NA)	534	594	568	519	484	428	439	443	393	351
Male.....	929	890	914	888	935	995	994	949	897	887	872	833	774
Full time.....	514	491	500	469	477	548	542	542	457	467	481	480	432
Part time.....	415	399	414	419	458	447	452	407	440	420	391	353	342
Female.....	753	728	777	804	745	813	686	640	593	498	450	359	366
Full time.....	314	305	332	317	334	338	254	267	205	163	155	136	123
Part time.....	439	423	445	487	411	475	432	373	388	335	295	223	243

(NA) Not available.

<sup>1</sup>Controlled to 1980 census base.

<sup>2</sup>Controlled to 1970 census base.

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**Table 6. Enrollment Status of Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1981**

(Numbers in thousands. Civilian noninstitutional population)

Age, sex, race, and Spanish origin	Total population	Enrolled in school						Not enrolled in school					
		Total		Below college level <sup>1</sup>		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>ALL RACES</b>													
Both sexes, 3 to 34 years.....	119,302	58,390	48.9	47,656	39.9	10,734	9.0	60,912	51.1	45,646	38.3	15,265	12.8
3 and 4 years.....	6,476	2,332	36.0	2,332	36.0	-	-	4,143	64.0	-	-	4,143	64.0
5 and 6 years.....	6,335	5,955	94.0	5,955	94.0	-	-	380	6.0	-	-	380	6.0
7 to 9 years.....	9,693	9,615	99.2	9,615	99.2	-	-	78	0.8	-	-	78	0.8
10 to 13 years.....	14,516	14,410	99.3	14,410	99.3	-	-	107	0.7	-	-	107	0.7
14 and 15 years.....	7,290	7,141	98.0	7,135	97.9	6	0.1	149	2.0	4	0.1	144	2.0
16 and 17 years.....	7,980	7,232	90.6	7,006	87.8	226	2.8	748	9.4	126	1.6	622	7.8
18 and 19 years.....	8,115	3,976	49.0	933	11.5	3,044	37.5	4,139	51.0	2,840	35.0	1,299	16.0
20 and 21 years.....	8,365	2,643	31.6	98	1.2	2,545	30.4	5,722	68.4	4,399	52.6	1,322	15.8
22 to 24 years.....	12,485	2,057	16.5	71	0.6	1,986	15.9	10,428	83.5	8,529	68.3	1,899	15.2
25 to 29 years.....	19,780	1,774	9.0	57	0.3	1,717	8.7	18,006	91.0	15,277	77.2	2,729	13.8
30 to 34 years.....	18,266	1,254	6.9	44	0.2	1,211	6.6	17,012	93.1	14,470	79.2	2,542	13.9
<b>Male, 3 to 34 years.....</b>													
Both sexes, 3 to 34 years.....	59,356	29,793	50.2	24,422	41.1	5,372	9.0	29,563	49.8	21,849	36.8	7,714	13.0
3 and 4 years.....	3,311	1,217	36.8	1,217	36.8	-	-	2,094	63.2	-	-	2,094	63.2
5 and 6 years.....	3,238	3,051	94.2	3,051	94.2	-	-	187	5.8	-	-	187	5.8
7 to 9 years.....	4,955	4,902	98.9	4,902	98.9	-	-	54	1.1	-	-	54	1.1
10 to 13 years.....	7,414	7,351	99.2	7,351	99.2	-	-	63	0.8	-	-	63	0.8
14 and 15 years.....	3,710	3,644	98.2	3,639	98.1	4	0.1	66	1.8	-	-	66	1.8
16 and 17 years.....	4,040	3,665	90.7	3,573	88.4	92	2.3	375	9.3	54	1.3	322	8.0
18 and 19 years.....	3,996	2,018	50.5	568	14.2	1,450	36.3	1,978	49.5	1,273	31.8	706	17.7
20 and 21 years.....	4,056	1,301	32.1	61	1.5	1,239	30.6	2,755	67.9	2,050	50.5	705	17.4
22 to 24 years.....	6,075	1,166	19.2	22	0.4	1,144	18.8	4,909	80.8	3,896	64.1	1,013	16.7
25 to 29 years.....	9,660	926	9.6	17	0.2	909	9.4	8,734	90.4	7,385	76.4	1,349	14.0
30 to 34 years.....	8,900	553	6.2	19	0.2	533	6.0	8,347	93.8	7,191	80.8	1,156	13.0
<b>Female, 3 to 34 years.....</b>													
Both sexes, 3 to 34 years.....	59,946	28,597	47.7	23,234	38.8	5,363	8.9	31,349	52.3	23,797	39.7	7,552	12.6
3 and 4 years.....	3,165	1,115	35.2	1,115	35.2	-	-	2,049	64.8	-	-	2,049	64.8
5 and 6 years.....	3,097	2,904	93.8	2,904	93.8	-	-	193	6.2	-	-	193	6.2
7 to 9 years.....	4,738	4,713	99.5	4,713	99.5	-	-	25	0.5	-	-	25	0.5
10 to 13 years.....	7,103	7,058	99.4	7,058	99.4	-	-	44	0.6	-	-	44	0.6
14 and 15 years.....	3,580	3,498	97.7	3,495	97.6	2	0.1	82	2.3	4	0.1	79	2.2
16 and 17 years.....	3,940	3,567	90.5	3,433	87.1	134	3.4	373	9.5	73	1.8	300	7.6
18 and 19 years.....	4,119	1,958	47.5	365	8.9	1,594	38.7	2,161	52.5	1,567	38.0	594	14.4
20 and 21 years.....	4,309	1,343	31.2	37	0.9	1,305	30.3	2,966	68.8	2,349	54.5	617	14.3
22 to 24 years.....	6,410	891	13.9	49	0.8	842	13.1	5,519	86.1	4,633	72.3	886	13.8
25 to 29 years.....	10,120	848	8.4	40	0.4	808	8.0	9,272	91.6	7,893	78.0	1,379	13.6
30 to 34 years.....	9,366	702	7.5	24	0.3	677	7.2	8,664	92.5	7,279	77.7	1,385	14.8
<b>WHITE</b>													
Both sexes, 3 to 34 years.....	100,035	48,169	48.2	39,007	39.0	9,162	9.2	51,866	51.8	39,565	39.6	12,300	12.3
3 and 4 years.....	5,292	1,881	35.6	1,881	35.6	-	-	3,410	64.4	-	-	3,410	64.4
5 and 6 years.....	5,175	4,859	93.9	4,859	93.9	-	-	316	6.1	-	-	316	6.1
7 to 9 years.....	7,930	7,875	99.3	7,875	99.3	-	-	56	0.7	-	-	56	0.7
10 to 13 years.....	11,937	11,848	99.3	11,848	99.3	-	-	89	0.7	-	-	89	0.7
14 and 15 years.....	6,021	5,906	98.1	5,901	98.0	5	0.1	115	1.9	4	0.1	111	1.8
16 and 17 years.....	6,623	5,990	90.4	5,798	87.5	192	2.9	633	9.6	116	1.8	517	7.8
18 and 19 years.....	6,794	3,295	48.5	656	9.7	2,639	38.8	3,499	51.5	2,445	36.0	1,054	15.5
20 and 21 years.....	7,077	2,306	32.6	68	1.0	2,239	31.6	4,771	67.4	3,738	52.8	1,033	14.6
22 to 24 years.....	10,615	1,720	16.2	50	0.5	1,671	15.7	8,895	83.8	7,391	69.6	1,503	14.2
25 to 29 years.....	16,822	1,432	8.5	42	0.2	1,390	8.3	15,390	91.5	13,221	78.6	2,168	12.9
30 to 34 years.....	15,749	1,056	6.7	29	0.2	1,027	6.5	14,693	93.3	12,649	80.3	2,044	13.0
<b>Male, 3 to 34 years.....</b>													
Both sexes, 3 to 34 years.....	50,171	24,700	49.2	20,080	40.0	4,620	9.2	25,472	50.8	19,168	38.2	6,304	12.6
3 and 4 years.....	2,714	998	36.8	998	36.8	-	-	1,716	63.2	-	-	1,716	63.2
5 and 6 years.....	2,653	2,501	94.3	2,501	94.3	-	-	152	5.7	-	-	152	5.7
7 to 9 years.....	4,065	4,028	99.1	4,028	99.1	-	-	38	0.9	-	-	38	0.9
10 to 13 years.....	6,114	6,062	99.2	6,062	99.2	-	-	52	0.8	-	-	52	0.8
14 and 15 years.....	3,082	3,030	98.3	3,026	98.2	4	0.1	52	1.7	1	0.1	51	1.6
16 and 17 years.....	3,375	3,053	90.5	2,971	88.0	82	2.4	322	9.5	48	1.4	274	8.1
18 and 19 years.....	3,356	1,653	49.2	394	11.7	1,259	37.5	1,703	50.8	1,104	32.9	599	17.9
20 and 21 years.....	3,464	1,152	33.3	48	1.4	1,104	31.9	2,322	66.7	1,741	50.3	570	16.5
22 to 24 years.....	5,220	995	19.1	18	0.3	977	18.7	4,225	80.9	3,434	65.8	791	15.1
25 to 29 years.....	8,354	762	9.1	17	0.2	745	8.9	7,592	90.9	6,491	77.7	1,101	13.2
30 to 34 years.....	7,774	465	6.0	17	0.2	448	5.8	7,309	94.0	6,348	81.7	961	12.4
<b>Female, 3 to 34 years.....</b>													
Both sexes, 3 to 34 years.....	49,863	23,469	47.1	18,927	38.0	4,543	9.1	26,394	52.9	20,398	40.9	5,996	12.0
3 and 4 years.....	2,578	883	34.3	883	34.3	-	-	1,695	65.7	-	-	1,695	65.7
5 and 6 years.....	2,522	2,358	93.5	2,358	93.5	-	-	163	6.5	-	-	163	6.5
7 to 9 years.....	3,865	3,847	99.5	3,847	99.5	-	-	18	0.5	-	-	18	0.5
10 to 13 years.....	5,823	5,786	99.4	5,786	99.4	-	-	37	0.6	-	-	37	0.6
14 and 15 years.....	2,939	2,875	97.8	2,875	97.8	1	0.1	64	2.2	4	0.1	60	2.0
16 and 17 years.....	3,248	2,937	90.4	2,827	87.0	110	3.4	311	9.6	68	2.1	243	7.5
18 and 19 years.....	3,438	1,642	47.8	262	7.6	1,380	40.1	1,796	52.2	1,342	39.0	454	13.2
20 and 21 years.....	3,613	1,154	31.9	20	0.5	1,134	31.4	2,459	68.1	1,997	55.3	462	12.8
22 to 24 years.....	5,395	725	13.4	32	0.6	694	12.9	4,670	86.6	3,957	73.3	713	13.2
25 to 29 years.....	8,468	670	7.9	24	0.3	646	7.6	7,798	92.1	6,730	79.5	1,068	12.6
30 to 34 years.....	7,975	591	7.4	12	0.2	578	7.3	7,384	92.6	6,301	79.0	1,083	13.6

See footnotes at end of table.

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**Table 6. Enrollment Status of Persons 3 to 34 Years Old, by Age, Sex, Race, and Spanish Origin: October 1981—Continued**

(Numbers in thousands. Civilian noninstitutional population)

Age, sex, race, and Spanish origin	Total population	Enrolled in school						Not enrolled in school					
		Total		Below college level <sup>1</sup>		In college		Total		High school graduate		Not high school graduate	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
<b>BLACK</b>													
Both sexes, 3 to 34 years.....	15,918	8,350	52.5	7,217	45.3	1,133	7.1	7,568	47.5	5,017	31.5	2,551	16.0
3 and 4 years.....	972	357	36.7	357	36.7	-	-	615	63.3	-	-	615	63.3
5 and 6 years.....	957	904	94.5	904	94.5	-	-	53	5.5	-	-	53	5.5
7 to 9 years.....	1,458	1,441	98.8	1,441	98.8	-	-	18	1.2	-	-	18	1.2
10 to 13 years.....	2,160	2,147	99.4	2,147	99.4	-	-	13	0.6	-	-	13	0.6
14 and 15 years.....	1,072	1,041	97.1	1,040	97.0	2	0.1	31	2.9	-	-	31	2.9
16 and 17 years.....	1,154	1,054	91.3	1,024	88.8	29	2.5	190	16.5	0.7	0.7	92	8.0
18 and 19 years.....	1,128	544	48.2	238	21.1	306	27.1	584	51.8	366	32.5	218	19.3
20 and 21 years.....	1,097	257	23.4	25	2.2	232	21.1	840	76.6	565	53.3	255	23.3
22 to 24 years.....	1,553	228	14.7	16	1.0	212	13.7	1,325	85.3	977	62.9	348	22.4
25 to 29 years.....	2,373	235	9.9	15	0.6	219	9.2	2,139	90.1	1,652	69.6	487	20.5
30 to 34 years.....	1,993	143	7.2	10	0.5	132	6.6	1,850	92.8	1,428	71.7	422	21.2
<b>Male, 3 to 34 years.....</b>													
3 and 4 years.....	7,585	4,134	54.5	3,630	47.9	505	6.7	3,451	45.5	2,221	29.3	1,229	16.2
5 and 6 years.....	489	170	34.8	170	34.8	-	-	319	65.2	-	-	319	65.2
7 to 9 years.....	483	457	94.5	457	94.5	-	-	27	5.5	-	-	27	5.5
10 to 13 years.....	735	724	98.5	724	98.5	-	-	11	1.5	-	-	11	1.5
14 and 15 years.....	1,085	1,077	99.2	1,077	99.2	-	-	8	0.8	-	-	8	0.8
16 and 17 years.....	538	524	97.3	524	97.3	-	-	15	2.7	-	-	15	2.7
18 and 19 years.....	573	527	92.1	521	90.9	7	1.2	45	7.9	4	0.7	41	7.2
20 and 21 years.....	538	279	51.9	146	27.1	133	24.8	259	48.1	158	29.3	102	18.9
22 to 24 years.....	494	102	20.6	10	1.9	92	18.6	392	79.4	274	55.4	119	24.1
25 to 29 years.....	698	103	14.7	2	0.3	100	14.4	595	85.3	397	56.9	198	28.4
30 to 34 years.....	1,061	115	10.8	-	-	115	10.8	946	89.2	728	68.7	218	20.5
<b>Female, 3 to 34 years.....</b>													
3 and 4 years.....	8,334	4,216	50.6	3,587	43.0	628	7.5	4,118	49.4	2,796	33.5	1,322	15.9
5 and 6 years.....	483	187	38.7	187	38.7	-	-	296	61.3	-	-	296	61.3
7 to 9 years.....	474	447	94.4	447	94.4	-	-	27	5.6	-	-	27	5.6
10 to 13 years.....	723	717	99.1	717	99.1	-	-	7	0.9	-	-	7	0.9
14 and 15 years.....	1,075	1,070	99.6	1,070	99.6	-	-	5	0.6	-	-	5	0.6
16 and 17 years.....	534	518	97.0	516	96.7	2	0.3	16	3.0	-	-	16	3.0
18 and 19 years.....	581	526	90.5	504	86.7	22	3.9	55	9.5	4	0.7	51	8.7
20 and 21 years.....	590	245	41.5	92	15.6	172	29.2	325	55.1	209	35.4	116	19.7
22 to 24 years.....	603	155	25.7	15	2.5	140	23.2	448	74.3	312	51.7	136	22.6
25 to 29 years.....	856	126	14.7	13	1.6	112	13.1	730	85.3	581	67.8	150	17.5
30 to 34 years.....	1,313	120	9.1	15	1.2	105	8.0	1,193	90.9	923	70.3	269	20.5
<b>SPANISH ORIGIN<sup>2</sup></b>													
Both sexes, 3 to 34 years.....	9,288	4,550	49.0	4,040	43.5	510	5.5	4,738	51.0	2,080	22.4	2,657	28.6
3 and 4 years.....	672	145	21.5	145	21.5	-	-	507	75.5	-	-	507	75.5
5 and 6 years.....	629	568	90.4	568	90.4	-	-	60	9.6	-	-	60	9.6
7 to 9 years.....	841	835	99.2	835	99.2	-	-	7	0.8	-	-	7	0.8
10 to 13 years.....	1,268	1,257	99.1	1,257	99.1	-	-	11	0.9	-	-	11	0.9
14 and 15 years.....	601	565	94.0	565	94.0	-	-	36	6.0	-	-	36	6.0
16 and 17 years.....	632	524	82.8	508	80.4	15	2.4	109	17.2	9	1.4	100	15.8
18 and 19 years.....	606	229	37.8	100	16.5	129	21.3	377	62.2	157	25.9	220	36.4
20 and 21 years.....	647	153	23.6	10	1.6	123	19.0	514	79.4	280	43.2	234	36.2
22 to 24 years.....	799	98	12.3	8	1.0	90	11.2	701	87.7	365	45.6	336	42.1
25 to 29 years.....	1,417	118	8.3	15	1.0	103	7.3	1,299	91.7	708	50.0	591	41.7
30 to 34 years.....	1,176	59	5.0	9	0.8	50	4.3	1,117	95.0	562	47.8	555	47.1
<b>Male, 3 to 34 years.....</b>													
3 and 4 years.....	4,666	2,314	49.6	2,056	44.1	258	5.5	2,352	50.4	992	21.3	1,360	29.1
5 and 6 years.....	358	91	25.5	91	25.5	-	-	267	74.5	-	-	267	74.5
7 to 9 years.....	333	299	89.6	299	89.6	-	-	35	10.4	-	-	35	10.4
10 to 13 years.....	400	395	98.8	395	98.8	-	-	5	1.2	-	-	5	1.2
14 and 15 years.....	653	646	99.0	646	99.0	-	-	7	1.0	-	-	7	1.0
16 and 17 years.....	290	267	92.3	267	92.3	-	-	22	7.7	-	-	22	7.7
18 and 19 years.....	345	292	84.5	286	82.8	6	1.7	54	15.5	2	0.6	51	14.9
20 and 21 years.....	288	103	36.0	46	16.2	57	19.8	184	64.0	57	19.8	127	44.2
22 to 24 years.....	323	79	24.4	10	3.2	68	21.2	244	75.6	113	35.1	131	40.5
25 to 29 years.....	377	43	11.4	4	1.1	38	10.2	334	88.6	164	43.5	170	45.2
30 to 34 years.....	735	60	8.2	5	0.7	55	7.5	675	91.8	375	51.0	300	40.8
<b>Female, 3 to 34 years.....</b>													
3 and 4 years.....	4,622	2,237	48.4	1,984	42.9	252	5.5	2,386	51.6	1,088	23.5	1,298	28.1
5 and 6 years.....	314	73	23.4	73	23.4	-	-	241	76.6	-	-	241	76.6
7 to 9 years.....	295	269	91.3	269	91.3	-	-	26	8.7	-	-	26	8.7
10 to 13 years.....	442	440	99.6	440	99.6	-	-	2	0.4	-	-	2	0.4
14 and 15 years.....	615	611	99.3	611	99.3	-	-	4	0.7	-	-	4	0.7
16 and 17 years.....	311	297	95.7	297	95.7	-	-	13	4.3	-	-	13	4.3
18 and 19 years.....	287	232	80.8	223	77.6	9	3.2	55	19.2	7	2.3	48	16.9
20 and 21 years.....	318	125	39.4	54	16.8	72	22.5	193	60.6	100	31.3	93	29.3
22 to 24 years.....	324	55	16.8	-	-	55	16.8	270	83.2	167	51.4	103	31.8
25 to 29 years.....	422	55	13.1	4	1.0	51	12.1	367	86.9	201	47.6	166	39.3
30 to 34 years.....	682	58	8.5	9	1.4	48	7.1	624	91.5	333	48.9	291	42.7

Note: # Data in this table are controlled to the 1980 census base.

- Represents zero or rounded to zero.

<sup>1</sup> Includes nursery school, kindergarten, and grades 1 to 12.

<sup>2</sup> Persons of Spanish origin may be of any race.

NOT AVAILABLE



## Appendix, Source and Reliability of Estimates

### SOURCE OF DATA

The estimates of school enrollment in 1981 are based on data obtained in October 1981 from the Current Population Survey (CPS) conducted by the Bureau of the Census. The CPS sample was initially selected from the 1970 census file and is updated continuously to reflect new construction where possible. The October sample was spread over 629 areas comprising 1,148 counties, independent cities and minor civil divisions with coverage in each of the 50 States and the District of Columbia. The sample is composed of approximately 60,500 occupied households that are eligible for interview. Of this number, about 2,500 occupied units were visited, but interviews were not obtained because the occupants were not found at home after repeated calls or were unavailable for some other reason. For a description of the CPS sample designs prior to 1980, see the detailed report for 1979 in this series.

The estimation procedure used for this survey involved the inflation of the weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, race and sex. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the strength of the Armed Forces.

Two sets of estimates for 1981 are shown in some of the tables in this report; one set results from using independent population estimates based on the more up-to-date 1980 decennial census and the other set results from using 1970 census based population estimates. The 1970 based estimates have been included to provide continuity in the time series with previous years. Comparing the 1980 based estimates with the 1970 based estimates provides a measure of the effect of changing to the 1980 based estimation procedure.

### RELIABILITY OF ESTIMATES

Since the estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey: sampling and nonsampling. The standard errors provided for this report primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The full extent of the nonsampling error is unknown. Conse-

quently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

**Use of school enrollment data for persons of Spanish origin.** Methodological changes which occurred in 1980 resulted in relatively large increases in the estimated number and proportion of children 3 to 13 years old who are of Spanish origin. Consequently, when using school enrollment data for persons of Spanish origin, particular care should be exercised in comparing estimates for 1980 and later years of the total number of children enrolled in nursery school, kindergarten, and/or elementary school with estimates from earlier years. These changes do not affect school enrollment rates reported for persons of Spanish origin.

**Sampling variability.** The standard errors presented in tables A-1 and A-2 are primarily measures of sampling variability; that is, of the variations that occurred by chance because a sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct interval estimates that include the average result of all possible samples with a known probability. For example, if all possible samples were selected, each of these surveyed under identical conditions using the same sample design, and an estimate and its standard error were calculated from each sample, then:

1. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
2. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average result of all possible samples may or may not be contained in any particular computed interval. However, for a particular sample one can say with specified confidence that the average result of all possible samples is included within the constructed interval.

All statements of comparison in the text have passed a hypothesis test at the 0.10 level of significance or better, and most have passed a hypothesis test at the 0.05 level of significance or better. This means that, for most differences cited

**Table A-1. Standard Errors of Estimated Numbers of Persons Enrolled in School, for the Total, Black, and Spanish-Origin Population; October 1981**

(Numbers in thousands)

Enrollment	Total		Black		Spanish origin	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Total enrolled.....	58,390	244	8,350	104	4,551	122
Nursery.....	2,058	68	284	26	131	18
Private.....	1,396	56	102	15	63	12
Kindergarten.....	3,161	82	474	33	306	27
Private.....	545	30	62	12	24	8
Elementary.....	27,795	129	4,291	94	2,474	74
Private.....	3,037	81	204	22	235	23
High school.....	14,642	155	2,168	64	1,130	64
College.....	10,734	137	1,133	48	510	37
Full time.....	7,569	118	815	42	343	29

Note: Data controlled to 1980 census base.

Source: Estimates from table 1.

in the text, the estimated difference between parameters is greater than twice the standard error of the difference. For the other difference mentioned the estimated difference between parameters is between 1.6 and 2.0 times the standard error of the difference. When this is the case, the statement of comparison will be qualified in some way; e.g., by use of the phrase "some evidence."

Note when using small estimates. Percent distributions are shown in this report only when the base of the percentage is greater than 75,000. Because of the large standard errors involved, there is little chance that percentages would reveal useful information when computed on a smaller base. Esti-

mated numbers of persons are shown, however, even though the relative standard errors of these numbers are larger than those for the corresponding percentages. These smaller estimates are provided primarily to permit those combinations of the categories which serves each user's needs.

Standard errors for data based on CPS. Since this is an advance report, standard errors are provided in table A-1 and A-2 and standard error parameters are provided in table A-3 for estimated numbers of persons and estimated percentages for only certain characteristics which are considered the most important among the data in the report. A more complete source and reliability statement for the 1981 data will be published with the forthcoming 1981 detailed report.

**Table A-2. Standard Errors of Estimated Percentages of Persons 3 to 34 Years Old Enrolled in School, for the Total, Black, and Spanish-Origin Population; October 1981**

Age	Total		Black		Spanish origin	
	Estimate	Standard error	Estimate	Standard error	Estimate	Standard error
Total, 3 to 34 years.....	48.9	0.2	52.5	0.6	49.0	1.0
3 and 4 years.....	36.0	0.9	36.7	2.4	24.5	2.5
5 and 6 years.....	94.0	0.5	94.5	1.3	90.4	1.8
7 to 9 years.....	99.2	0.14	98.8	0.4	99.2	0.5
10 to 13 years.....	99.3	0.11	99.4	0.3	99.1	0.4
14 and 15 years.....	98.0	0.2	97.1	0.8	94.0	1.8
16 and 17 years.....	90.6	0.5	91.3	1.3	82.8	2.8
18 and 19 years.....	49.0	0.8	48.2	2.2	37.8	3.6
20 and 21 years.....	31.6	0.7	23.4	1.9	20.6	2.9
22 to 24 years.....	16.5	0.5	14.7	1.4	12.3	2.1
25 to 29 years.....	9.0	0.3	9.9	0.9	8.3	1.4
30 to 34 years.....	6.9	0.3	7.2	0.9	5.0	1.2

Note: Data controlled to 1980 census base.

Source: Estimates from table 6.

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Standard errors of estimated numbers and estimated percentages. The approximate standard errors of estimated numbers and percentages can be computed directly with formulas (1) and (2) below, respectively. The formulas are

$$\sigma_x = \sqrt{ax^2 + bx} \quad (1)$$

where "x" is the size of the estimate and "a" and "b" are the parameters associated with the characteristic; and

$$\sigma_{(x,p)} = \sqrt{\frac{b}{x} \cdot p \cdot (100-p)} \quad (2)$$

where "x" is the size of the subclass of the population which is the base of the percentage, "p" is the percentage ( $0 \leq p \leq 100$ ), and "b" is the parameter associated with the characteristic.

Table A-3 provides the values of the "a" and "b" parameters that are used in formulas (1) and (2) to approximate

standard errors of estimated numbers of persons and estimated percentages.

Standard error of a difference. For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x-y)} \doteq \sqrt{\sigma_x^2 + \sigma_y^2} \quad (3)$$

where  $\sigma_x$  and  $\sigma_y$  are the standard errors of the estimates x and y; the estimates can be numbers, percents, ratios, etc. This will represent the estimated standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between two separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Table A-3. Parameters To Be Used for Each School Enrollment Characteristic for the Direct Computation of Standard Errors

Characteristic	Parameters <sup>1</sup>	
	a	b
Persons enrolled in school, 3-34 years old:		
Total or White.....	-0.000017	2,014
Black.....	-0.000117	2,265
Spanish origin.....	-0.000028	3,374
Persons enrolled in school, 14-34 years old:		
Total or White.....	-0.000025	2,014
Black.....	-0.000179	2,265
Spanish origin (level).....	<sup>2</sup> 0.001519	<sup>2</sup> 1,856
Spanish origin (percentage only).....	(X)	<sup>3</sup> 3,374
Children enrolled in school, 3-13 years old:		
All races and Spanish origin.....	-0.000063	2,350

(X) Not applicable.

<sup>1</sup>To obtain "a" and "b" parameters for 1965, multiply these parameters by 1.5.

<sup>2</sup>These "a" and "b" parameters are to be used to calculate standard errors of levels only for the October supplement. For the March supplement, Spanish origin, use a = 0.000901 b = 1101.

<sup>3</sup>This "b" parameter is to be used to calculate the standard error of percentages only. For the March supplement, use b = 2,002.