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Foreword

The 2001 edition of the *Digest of Education Statistics* is the 37th in a series of publications initiated in 1962. (The *Digest* has been issued annually except for combined editions for the years 1977–78, 1983–84, and 1985–86.) Its primary purpose is to provide a compilation of statistical information covering the broad field of American education from prekindergarten through graduate school. The *Digest* includes a selection of data from many sources, both government and private, and draws especially on the results of surveys and activities carried out by the National Center for Education Statistics (NCES). To qualify for inclusion in the *Digest*, material must be nationwide in scope and of current interest and value. The publication contains information on a variety of subjects in the field of education statistics, including the number of schools and colleges, teachers, enrollments, and graduates, in addition to educational attainment, finances, federal funds for education, libraries, and international education. Supplemental information on population trends, attitudes on education, education characteristics of the labor force, government finances, and economic trends provides background for evaluating education data. Although the *Digest* contains important information on federal education funding, more detailed information on federal activities is available from federal education program offices. For example, the Office of Bilingual Education and Minority Languages Affairs supports the National Clearinghouse on Bilingual Education, which compiles information on students and teachers involved in bilingual education.

The *Digest* contains seven chapters: “All Levels of Education,” “Elementary and Secondary Education,” “Postsecondary Education,” “Federal Programs for Education and Related Activities,” “Outcomes of Education,” “International Comparisons of Education,” and “Libraries and Educational Technology.”

Preceding these chapters is an introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The *Digest* concludes with an appendix that is divided into several sections. For example, information on the structure of the statistical tables is contained in the “Guide to Tabular Presentation.” The “Guide to Sources” provides a brief synopsis of the surveys used to generate the tabulations for the *Digest*. Also, a “Definitions” section is included to help readers understand terms. In addition to updating many of the statistics that have appeared in previous years, this edition contains a significant amount of new material, including:

- Use of various instructional approaches by kindergarten teachers, table 50;
- Pupil/teacher ratio in public schools, by level and size of school, table 64;
- Percent distribution of elementary and secondary school children, by average grades, table 139.

Beginning in 2002, updates to some tables from the *Digest of Education Statistics* will appear on the NCES Web Site prior to printing. The *Digest* and other NCES reports can be accessed from <http://nces.ed.gov>. In particular, updates of tables based on the new Schools and Staffing Survey, will be posted to the *Digest* Web Site in the second quarter of 2002.

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INTRODUCTION

In the fall of 2001, about 68.5 million persons were enrolled in American schools and colleges (table 1). About 4.3 million were employed as elementary and secondary school teachers and as college faculty. Other professional, administrative, and support staff of educational institutions numbered 4.8 million. Thus about 78 million people were involved, directly or indirectly, in providing or receiving formal education. In a nation with a population of about 281 million, more than 1 out of every 4 persons participated in formal education (table 17).

Elementary/Secondary Enrollment

Enrollment in public elementary and secondary schools rose 20 percent between 1985 and 2001. The fastest public school growth occurred in the elementary grades, where enrollment rose 24 percent over the same period, from 27.0 million to 33.6 million (table 2). Private school enrollment grew more slowly than public school enrollment over this period, rising 7 percent, from 5.6 million in 1985 to 5.9 million in 2001. As a result, the proportion of students enrolled in private schools declined slightly, from 12 percent in 1985 to 11 percent in 2001.

Since the enrollment rates of kindergarten and elementary school age children have not changed much in recent years, increases in elementary school enrollment have been driven primarily by increases in the number of children. Public secondary school enrollments declined 8 percent from 1985 to 1990, but then rose 20 percent from 1990 to 2001, for a net increase of 10 percent.

The National Center for Education Statistics (NCES) forecasts record levels of total elementary and secondary enrollment for the next several years as the school-age population crests. The fall 2001 public school enrollment marks a new record, and new records are expected every year through the early 2000s (table 3). Public elementary school enrollments is projected to decline slowly until the later part of the decade and then increase, so that the fall 2011 projection is slightly lower than the 2001 enrollment. In contrast, public secondary school enrollment is expected to increase 3 percent between 2001 and 2011.

College Enrollment

College enrollment hit a record level of 14.8 million in fall 1999 and another record of 15.3 million is expected for 2001 (table 3). College enrollment is expected to increase by an additional 16 percent between 2001 and 2011. Despite decreases in the traditional college-age population during the 1980s and early 1990s, total enrollment increased because of the high enrollment rate of older women and recent high school graduates (tables 7, 15, 184, and 185). Between 1990 and 1999, the number of full-time students increased by 12 percent compared to no increase in part-time students (table 172).

Teachers

An estimated 3.6 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2001 (table 4). This number has risen in recent years, up about 29 percent since 1990. The number of public school teachers in 2001 was 3.1 million, and the number of private school teachers was about 0.4 million.

The number of public school teachers has risen slightly faster than the number of students over the past 10 years, resulting in small declines in the pupil/teacher ratio (table 65). In the fall of 2000, there were an estimated 16.0 public school pupils per teacher, compared with 17.2 public school pupils per teacher 10 years earlier. Over the same period, the pupil/teacher ratio in private schools decreased from 14.7 to 13.9. Data from the end of the 1990s suggest a continuation of the historical trend toward lower public school pupil/teacher ratios, which had been stable during the late 1980s and early 1990s.

The salaries of public school teachers, which lost purchasing power to inflation during the 1970s, rose faster than the inflation rate in the 1980s (table 77). Since 1990–91, salaries for teachers have generally maintained pace with inflation. The average salary for teachers in 2000–01 was \$42,898, about the same in constant dollars as at the beginning of the decade.

Faculty and Staff in Postsecondary Education

In the fall of 1999, there were 1,028,000 faculty members in degree-granting institutions (table 228). Making up this figure were 591,000 full-time and 437,000 part-time faculty. In 1998, full-time instructional faculty and staff generally taught more hours and more students than part-time instructors, with 21 percent of full-time instructors teaching 15 or more hours per week and 13 percent teaching 150 or more students (table 233). About 9 percent of part-time instructors taught 15 or more hours per week, and 4 percent taught 150 or more students (table 234).

White males constituted a disproportionate share of full-time college faculty in 1999. Overall, about 54 percent of full-time faculty were white males. However, this distribution varied substantially by rank of faculty. Among full professors, the proportion of white males was 71 percent. The proportion was somewhat lower among the lower ranked faculty, with white males making up 40 percent of the lecturers (table 229).

Student Performance

Most of the student performance data in the *Digest* are drawn from the National Assessment of Educational Progress (NAEP). The NAEP assessments have been conducted using three basic designs. The main NAEP reports current information for the nation and specific geographic regions of the country. It includes students drawn from both public and non-public schools and reports results for student achievement at grades 4, 8, and 12. The main NAEP assessments follow the frameworks developed by the National Assessment Governing Board, and use the latest advances in assessment methodology.

Since 1990, NAEP assessments have also been conducted on the state level. States that choose to participate receive assessment results that report on the performance of students in that state. In its content, the state assessment is identical to the assessment conducted nationally. However, because the national NAEP samples were not, and are not currently designed to support the reporting of accurate and representative state-level results, separate representative samples of students are selected for each participating jurisdiction/state.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth since the early 1970s. They are administered nationally and report student performance at ages 9, 13, and 17 and in grades 4, 8, and 11 in writing. Measuring trends of student achievement or change over time requires the precise replication of past procedures. Therefore, the long-term trend instrument does not evolve

based on changes in curricula or in educational practices.

Reading

Overall achievement scores on the long-term trend reading assessment for the country's 9-, 13-, and 17-year-old students are mixed. Reading performance scores for 9- and 13-year-olds were higher in 1999 than they were in 1971 (table 112). However, the 1999 scores were about the same as the 1984 scores. The reading performance of 17-year-olds was about the same in 1999 as it was in 1971.

Black 9-, 13-, and 17-year-olds exhibited higher reading performance in 1999 than in 1971. However, performance for all three age groups in 1984 was about the same as in 1999. The performance levels of white 9- and 13-year-olds also rose between 1971 and 1999. Separate data for Hispanics were not gathered in 1971, but changes between 1975 and 1999 indicate an increase in performance among 9-, 13-, and 17-year-olds. There was no significant difference between the 1984 and 1999 reading performance of 9-, 13-, and 17-year-old Hispanics.

Mathematics

Results from assessments of mathematics proficiency indicate that scores of 9-, 13-, and 17-year-old students were higher in 1999 than in 1973, but have remained unchanged since 1994. This pattern was similar for white, black, and Hispanic students (table 124).

A 2000 voluntary assessment of the states found that mathematics proficiency varied widely among eighth-graders in the 44 participating jurisdictions (39 states, American Samoa, Guam, Department of Defense overseas and domestic schools, and the District of Columbia) (table 128). Overall, 65 percent of these eighth-grade students performed at or above the Basic level in mathematics, and 26 percent performed at or above the Proficient level. Only four jurisdictions (one state, the District of Columbia, American Samoa, and Guam) had significantly fewer than 50 percent of students performing at least at the Basic level in math.

Science

Long-term changes in science performance have been mixed, though changes over the past 10 years have been generally positive (table 130). In 1999, science performance among 17-year-olds was lower than in 1969, but higher than in 1990. The science performance level of 13-year-olds in 1999 was about the same as the level in 1970 and in 1990. The science performance of 9-year-olds increased between 1970 and 1999, but there was no significant difference between 1990 and 1999.

International Comparisons

The Third International Mathematics and Science Study—Repeat (TIMSS—R), which was conducted in 1999 (4 years after the original TIMSS) focuses on the mathematics and science achievement of eighth-graders in 38 countries. In TIMSS—R, the international average score of the 38 participating countries was 487 in mathematics and 488 in science (tables 399 and 401). In 1999, U.S. eighth-graders on average scored higher in both mathematics and science than the international average of the 38 countries. In mathematics, the average U.S. score was higher than the score in 17 countries, similar to the score in 6 countries, and lower than the score in 14 countries. In science, the average U.S. score was higher than the score in 18 countries, similar to the score in 5 countries, and lower than the score in 14 countries in 1999.

Graduates and Degrees

The estimated number of high school graduates in 2000–01 totaled 2.8 million (table 103). Approximately 2.5 million graduated from public schools, and 0.3 million graduated from private schools. The number of high school graduates has declined from its peak in 1976–77 when 3.2 million people earned their diplomas. In contrast, the number of General Educational Development (GED) credentials issued rose from 331,000 in 1977 to 501,000 in 2000 (table 106). The dropout rate also declined over this period, from 14 percent of all 16- to 24-year-olds in 1977 to 11 percent in 2000 (table 108). Much of the decrease occurred between 1977 and 1990. The number of degrees conferred during the 2000–01 school year by degree level has been projected: 562,000 associate degrees; 1,209,000 bachelor's degrees; 428,000 master's degrees; 81,900 first-professional degrees; and 46,700 doctor's degrees (table 247).

The U.S. Census Bureau collects annual statistics on the educational attainment of the population. Be-

tween 1990 and 2000, the proportion of the adult population 25 years of age and over who had completed a high school rose from 78 percent to 84 percent, and the proportion of adults with a bachelor's degree increased from 21 percent to 26 percent. Over the same period, the proportion of young adults (25- to 29-year-olds) completing high school showed a small increase of about 2 percentage points to 88 percent in 2000, and the proportion completing bachelor's degrees rose from 23 percent to 29 percent (table 8).

Expenditures

Expenditures for public and private education, from kindergarten through graduate school (excluding postsecondary schools not awarding associate or higher degrees), are estimated at \$700 billion for 2000–01 (table 30). The expenditures of elementary and secondary schools are expected to total \$423 billion for 2000–01, while those of colleges and universities are expected to total \$277 billion. The total expenditures for education are expected to amount to 7.1 percent of the gross domestic product in 2000–01, about the same percentage as in the recent past (table 29).

NOTE: Readers should be aware of the limitations of statistics. These limitations vary with the exact nature of a particular survey. For example, estimates based on a sample of institutions will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey procedures. Although some of the surveys conducted by NCES are census-type surveys, all surveys are subject to design, reporting, and processing errors and errors due to nonresponse. More information on survey methodologies can be found in the "Guide to Sources" in the appendix. Price indexes for inflation adjustments can be found in table 35.

CHAPTER 1

All Levels of Education

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

Figure 1 shows the structure of education in the United States. It presents the three levels of education (elementary, secondary, and postsecondary) and gives the approximate age range of persons at each level. Pupils ordinarily spend from 6 to 8 years in the elementary grades, which may be preceded by 1 or 2 years in nursery school and kindergarten. The elementary school program is followed by a 4- to 6-year program in secondary school. Pupils normally complete the entire program through grade 12 by age 18.

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

An associate degree requires at least 2 years of college-level work, and a bachelor's degree normally can be earned in 4 years. At least 1 year beyond the bachelor's is necessary for a master's degree, while a doctor's degree usually requires a minimum of 3 or 4 years beyond the bachelor's.

Professional schools differ widely in admission requirements and in program length. Medical students, for example, generally complete a 4-year program of premedical studies at a college or university before they can enter the 4-year program at a medical

school. Law programs normally require 3 years of coursework beyond the bachelor's degree level.

Many of the statistics in this chapter are derived from the statistical activities of the NCES. In addition, substantial contributions have been drawn from the work of other groups, both government and non-government, as shown in the source notes of the appropriate tables. Information on survey methodologies is contained in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Enrollment and Teachers

Enrollment in elementary and secondary schools grew rapidly during the 1950s and 1960s and reached a peak in 1971 (table 3). This enrollment rise was caused by what is known as the "baby boom," a dramatic increase in births following World War II. From 1971 to 1984, total elementary and secondary school enrollment decreased every year, reflecting the decline in the school-age population over that period. After these years of decline, enrollment in elementary and secondary schools started increasing in fall 1985, and began hitting record enrollment levels in the mid-1990s (table 3).

Public school enrollment in kindergarten through grade eight rose from 29.9 million in fall 1990 to an estimated 33.6 million in fall 2001. Enrollment in the upper grades rose from 11.3 million in 1990 to 13.6 million in 2001. The growing numbers of young pupils that have been filling the elementary schools will cause some increases at the secondary school level during the next 10 years. Between fall 2001 and fall 2011, public elementary enrollment is expected to remain fairly stable, while public secondary school enrollment is expected to rise by 3 percent. Public school enrollment is projected to set new records every year until 2005.

The proportion of students in private schools has changed little over the past 10 years, remaining around 11 percent. The percentage of college students who attended private colleges and universities ranged between 21 and 23 percent between 1991 and 2001. In 2001, about 5.9 million students were enrolled in private schools at the elementary and secondary levels and 3.5 million students in degree-granting institutions (table 3).

College enrollment decreased from 14.5 million in fall 1992 to 14.3 million in fall 1995, but has increased since then. Total college enrollment is expected to increase for the next 10 years, as increasing numbers of high school graduates pursue post-secondary education.

School attendance rates among 5- to 17-year-olds have remained relatively steady over the past 10 years. The proportion of 20- to 24-year-olds enrolled in school rose from 29 percent to 32 percent during the same time period (table 6). The enrollment rates for the 3- to 34-years-old age group have been more heavily affected by the changing age distribution of the population, than by changes in enrollment rates at specific ages.

Educational attainment has risen in the adult population. In 2000, 84 percent of the population 25 years old and over had completed high school and 26 percent had completed 4 or more years of college. This is higher than in 1990, when 78 percent had completed high school and 21 percent had 4 years of college (table 8). In 2000, about 6 percent of persons 25 years old or over held a master's degree as their highest degree, more than 1 percent held a professional degree (e.g., medicine or law), and 1 percent held a doctor's degree (table 9).

An estimated 3.6 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 2001 (table 4). This number has

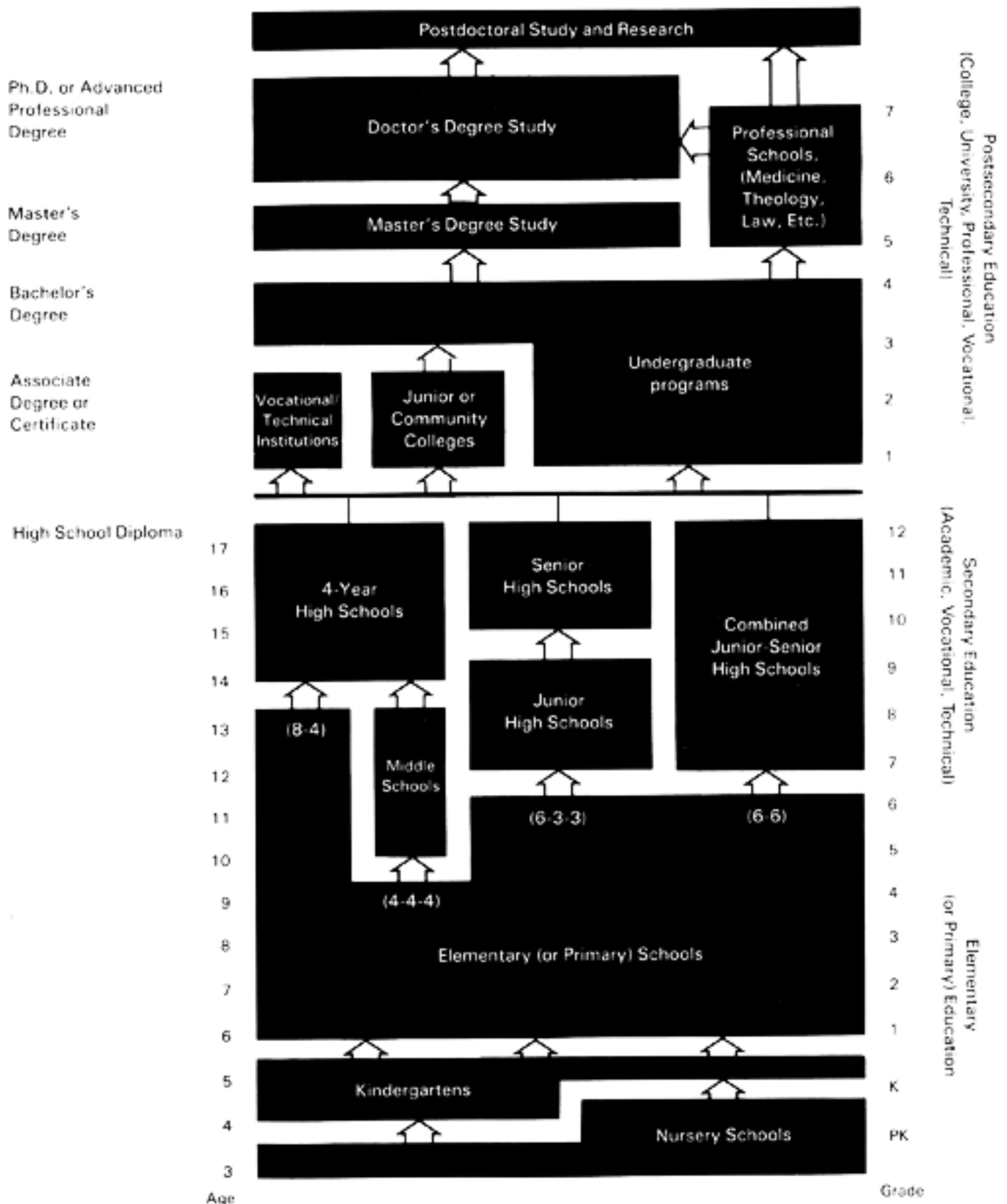
risen about 29 percent since 1990. The number of public school teachers in 2001 was about 3.1 million and the number in private schools was estimated at 0.4 million.

Expenditures

Education expenditures rose to an estimated high of \$700 billion in the 2000–01 school year. Elementary and secondary schools spent about 60 percent of this total, and colleges and universities accounted for the remaining 40 percent (table 29). Elementary and secondary schools and colleges and universities spent an estimated 7.1 percent of the gross domestic product in 2000–01.

The proportion of total federal, state, and local government funds spent on education declined between 1980–81 and 1990–91, at least partly as a result of the drop in elementary and secondary enrollment in the early part of the decade and the expansion of other governmental services. Between 1990–91 and 1994–95, the proportion of government funds spent on education rose, from 18.5 to 19.9 percent, as a result of increased state and local government spending on all functions and an increase in federal funds for education (table 31). Of the 1997–98 state and local funds spent on education, about 71 percent went to elementary and secondary schools, 25 percent to colleges and universities, and 4 percent to other education programs (table 32).

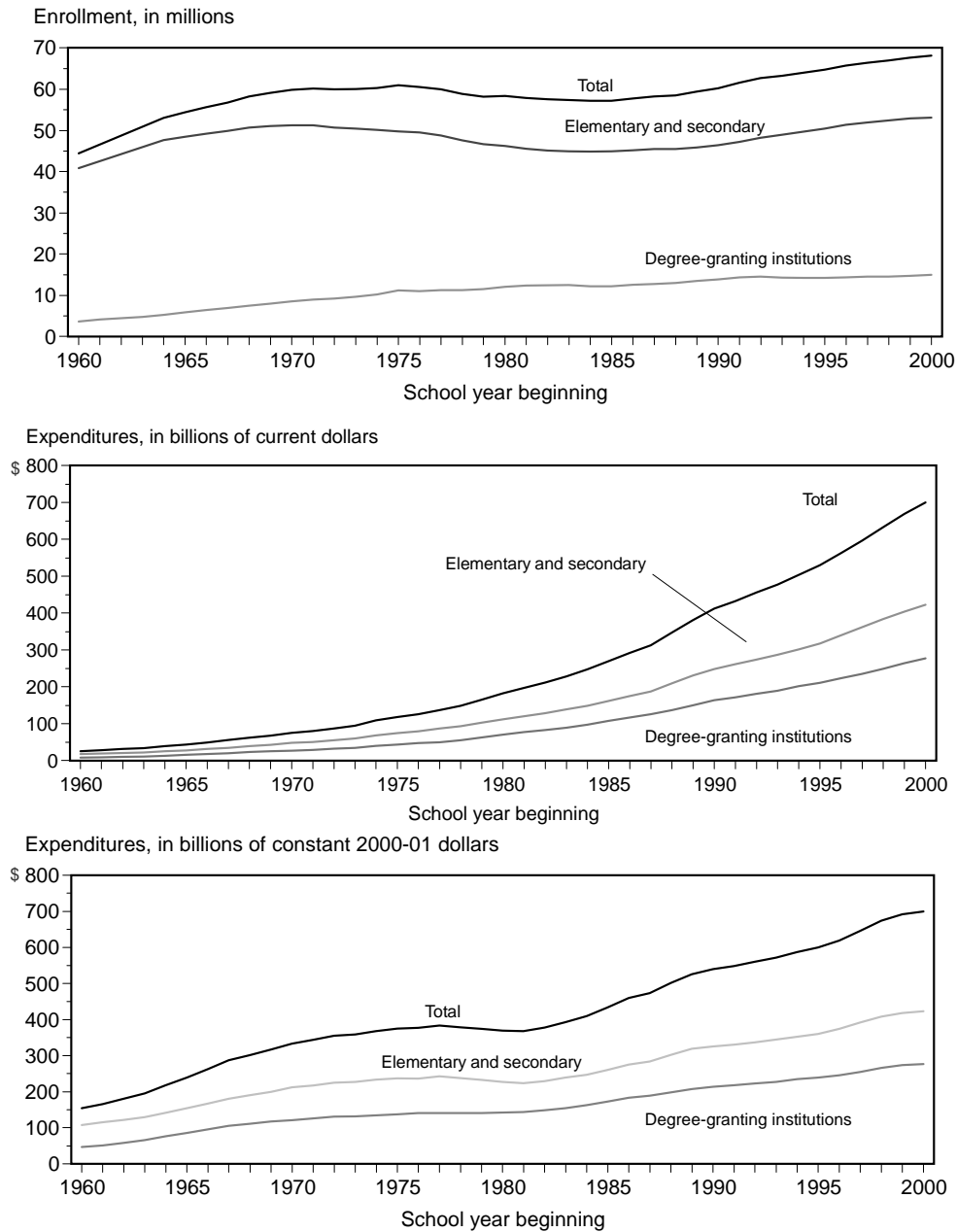
Figure 1.—The structure of education in the United States



NOTE—Adult education programs, while not separately delineated above, may provide instruction at the elementary, secondary, or higher education level. Chart reflects typical patterns of progression rather than all possible variations.

SOURCE: U.S. Department of Education, National Center for Education Statistics.

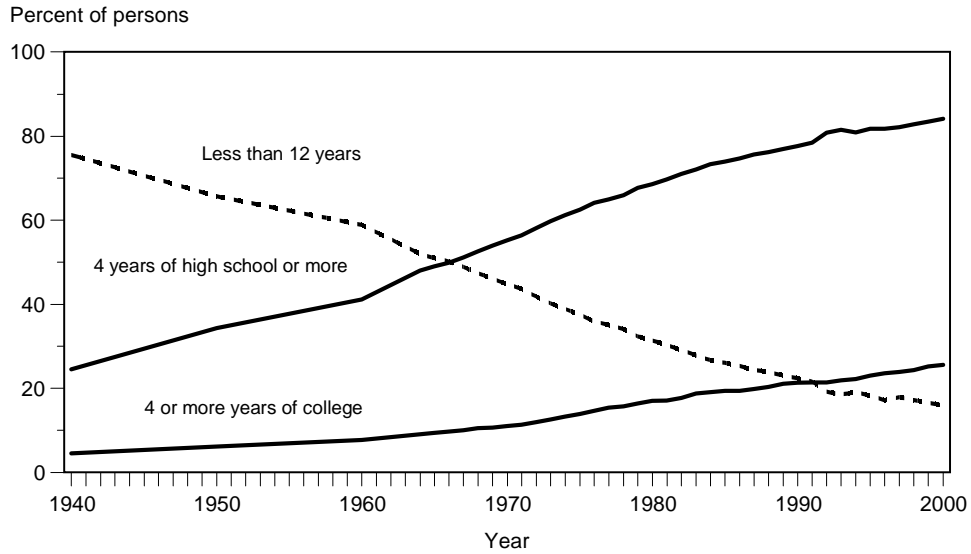
Figure 2.—Enrollment and total expenditures in current and constant dollars, by level of education: 1960–61 to 2000–01



NOTE: Data for 1999-2000 are preliminary and data for 2000-01 are estimates.

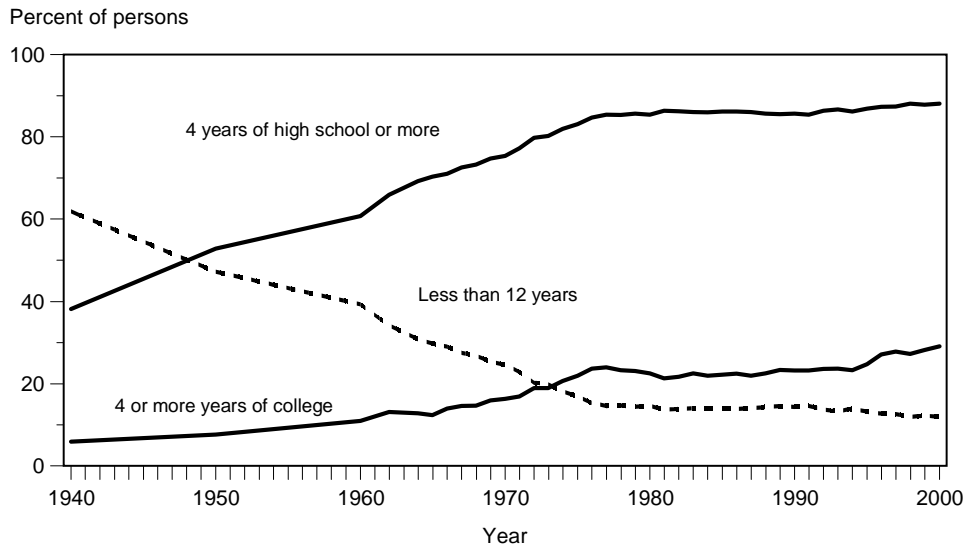
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; *Statistics of Public Elementary and Secondary School Systems*; *Statistics of Nonpublic Secondary Schools*; *Statistics of Nonpublic Elementary and Secondary Schools*; *Revenues and Expenditures for Public Elementary and Secondary Education*; *Fall Enrollment in Institutions of Higher Education*; *Financial Statistics of Institutions of Higher Education*; Common Core of Data surveys; and Integrated Postsecondary Education Data System surveys.

**Figure 3.—Years of school completed by persons 25 years old and over:
1940 to 2000**



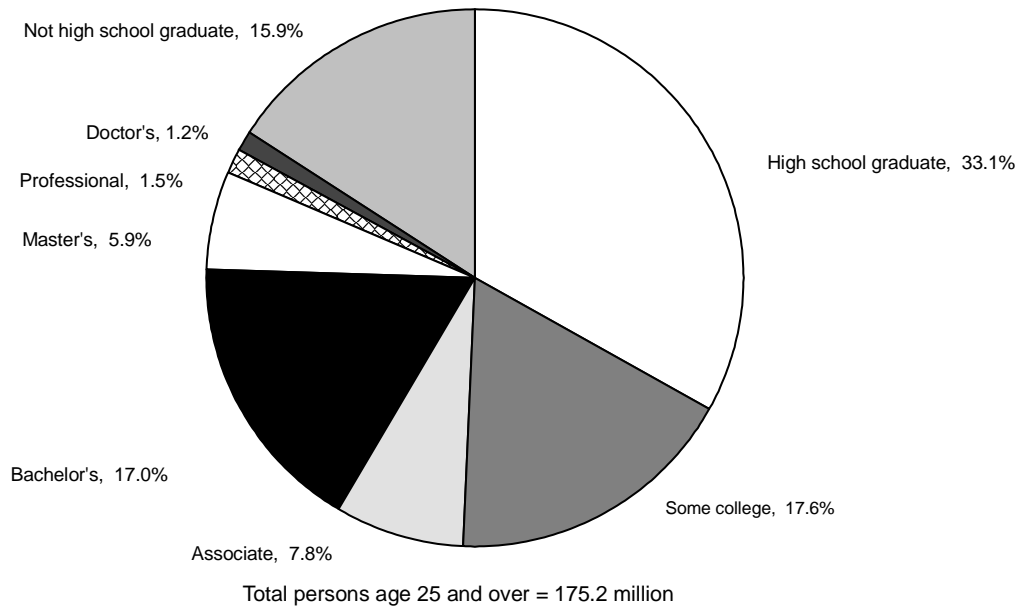
SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

**Figure 4.—Years of school completed by persons 25 to 29 years of age:
1940 to 2000**



SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Volume 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

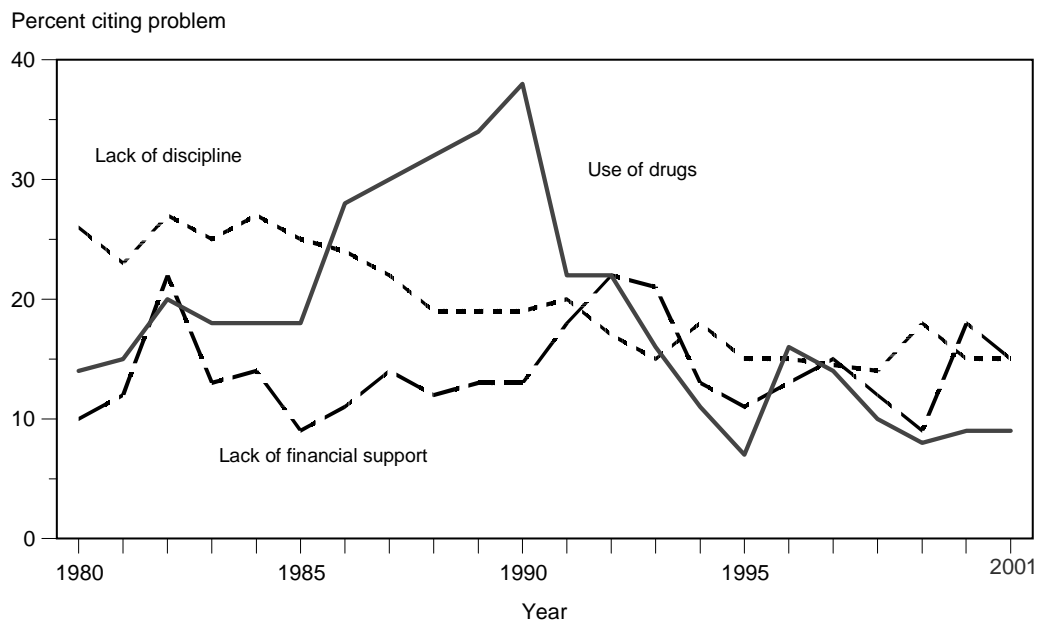
Figure 5.—Highest level of education attained by persons 25 years and older: March 2000



NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data.

Figure 6.—Items most frequently cited by the public as a major problem facing the local public schools: 1980 to 2000



SOURCE: "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," *Phi Delta Kappan*, various years.

Table 1.—Estimated number of participants in educational institutions, by level and control of institution: Fall 2001
[In millions]

Participants	All levels (elementary, secondary, and degree-granting)	Elementary and secondary schools			Degree-granting institutions		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
Total	77.5	59.9	53.2	6.7	17.7	13.4	4.3
Enrollment	68.5	53.2	47.2	5.9	15.3	11.8	3.5
Teachers and faculty	4.3	3.6	3.1	0.4	0.8	0.5	0.2
Other professional, administrative, and support staff	4.8	3.2	2.9	0.3	1.6	1.1	0.5

NOTE: Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and federal schools. Elementary and secondary includes most kindergarten and some nursery school enrollment. Excludes preprimary enrollment in schools that do not offer first grade or above. Degree-granting institutions comprises full-time and part-time students enrolled in degree-credit and nondegree-credit programs in universities, other 4-year colleges,

and 2-year colleges that participated in Title IV federal financial aid programs. Data for teachers and other staff in public and private elementary and secondary schools and colleges and universities are reported in terms of full-time equivalents. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished projections and estimates. (This table was prepared July 2001.)

Table 2.—Enrollment in educational institutions, by level and control of institution: Fall 1980 to fall 2005
[In thousands]

Level of instruction and type of control	Fall 1980	Fall 1985	Fall 1990	Fall 1991	Fall 1993	Fall 1994	Fall 1995	Fall 1996	Fall 1997	Fall 1998	Fall 1999	Projected fall 2000 ¹	Projected fall 2001	Projected fall 2005
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
All levels	58,305	57,226	60,269	61,681	63,118	63,888	64,764	65,743	66,470	66,983	67,667	68,083	68,457	69,787
Public	50,335	48,901	52,061	53,356	54,654	55,245	55,933	56,732	57,323	57,676	58,167	58,695	58,988	60,063
Private	7,971	8,325	8,208	8,324	8,464	8,643	8,831	9,011	9,147	9,306	9,500	9,388	9,469	9,723
Elementary and secondary education ²	46,208	44,979	46,451	47,322	48,813	49,609	50,502	51,375	51,968	52,476	52,875	53,104	53,157	53,491
Public	40,877	39,422	41,217	42,047	43,465	44,111	44,840	45,611	46,127	46,539	46,857	47,160	47,213	47,536
Private	5,331	5,557	5,234	5,275	5,348	³ 5,498	5,662	³ 5,764	5,841	³ 5,937	6,018	5,944	5,944	5,954
Grades K-8 ⁴	31,639	31,229	33,962	34,619	35,719	36,233	36,806	37,315	37,696	38,048	38,253	38,300	38,255	37,694
Public	27,647	27,034	29,878	30,506	31,504	31,898	32,341	32,764	33,073	33,346	33,488	33,622	33,587	33,091
Private	3,992	4,195	³ 4,084	4,113	4,215	³ 4,335	4,465	³ 4,551	4,623	³ 4,702	4,765	4,678	4,668	4,603
Grades 9-12	14,570	13,750	12,488	12,703	13,093	13,376	13,697	14,060	14,272	14,428	14,623	14,803	14,902	15,797
Public	13,231	12,388	11,338	11,541	11,961	12,213	12,500	12,847	13,054	13,193	13,369	13,537	13,626	14,445
Private	1,339	1,362	³ 1,150	1,162	1,132	³ 1,163	1,197	³ 1,213	1,218	³ 1,235	1,254	1,266	1,276	1,351
Degree-granting institutions ⁵	12,097	12,247	13,819	14,359	14,305	14,279	14,262	14,368	14,502	14,507	14,791	14,979	15,300	16,296
Public	9,457	9,479	10,845	11,310	11,189	11,134	11,092	11,120	11,196	11,138	11,309	11,535	11,775	12,527
Undergraduate ⁶	8,442	8,477	9,710	10,148	10,012	9,945	9,904	9,935	10,007	9,950	10,110	10,334	10,554	11,231
First-professional	114	112	112	111	114	114	115	117	118	121	123	119	120	127
Graduate ⁷	901	890	1,023	1,050	1,064	1,075	1,074	1,069	1,070	1,067	1,077	1,082	1,100	1,170
Private	2,640	2,768	2,974	3,049	3,116	3,145	3,169	3,247	3,306	3,369	3,482	3,444	3,525	3,769
Undergraduate ⁶	2,033	2,120	2,250	2,291	2,312	2,317	2,328	2,392	2,443	2,487	2,571	2,561	2,628	2,818
First-professional	163	162	162	169	179	181	183	182	180	182	180	179	181	191
Graduate ⁷	443	486	563	589	625	647	659	674	683	701	730	705	716	760

¹ Public elementary and secondary education are state estimates.

² Includes enrollments in local public school systems and in most private schools (religiously affiliated and nonsectarian). Excludes home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Excludes preprimary pupils in schools that do not offer first grade or above.

³ Estimated.

⁴ Includes kindergarten and some nursery school pupils.

⁵ Enrollment for 1996 through 1999, and the projections are for degree-granting institutions. All other years, are for institutions of higher education.

⁶ Includes unclassified students below the baccalaureate level.

⁷ Includes unclassified postbaccalaureate students.

NOTE: Degree-granting enrollment projections are based on the middle alternative projections published by the National Center for Education Statistics. Data for degree-granting institutions for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data and "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), Higher Education General Information Survey (HEGIS), "Fall Enrollment" surveys, and *Projections of Education Statistics to 2011*. (This table was prepared July 2001.)

Table 3.—Enrollment in educational institutions, by level and control of institution: 1869–70 to fall 2011
 [In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools ¹			Degree-granting institutions ²		
			Total	Pre-kindergarten through grade 8	Grades 9 through 12	Total	Kindergarten through grade 8	Grades 9 through 12	Total	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12
1869–70	—	—	6,872	6,792	80	—	—	—	52	—	—
1879–80	—	—	9,868	9,757	110	—	—	—	116	—	—
1889–90	14,491	14,334	12,723	12,520	203	1,611	1,516	95	157	—	—
1899–1900	17,092	16,855	15,503	14,984	519	1,352	1,241	111	238	—	—
1909–10	19,728	19,372	17,814	16,899	915	1,558	1,441	117	355	—	—
1919–20	23,876	23,278	21,578	19,378	2,200	1,699	1,486	214	598	—	—
1929–30	29,430	28,329	25,678	21,279	4,399	2,651	2,310	341	1,101	—	—
1939–40	29,539	28,045	25,434	18,832	6,601	2,611	2,153	458	1,494	797	698
1949–50	31,151	28,492	25,111	19,387	5,725	3,380	2,708	672	2,659	1,355	1,304
Fall 1959	44,497	40,857	35,182	26,911	8,271	5,675	4,640	1,035	3,640	2,181	1,459
Fall 1969	59,055	51,050	45,550	32,513	13,037	³ 5,500	³ 4,200	³ 1,300	8,005	5,897	2,108
Fall 1970	59,838	51,257	45,894	32,558	13,336	5,363	4,052	1,311	8,581	6,428	2,153
Fall 1971	60,220	51,271	46,071	32,318	13,753	³ 5,200	³ 3,900	³ 1,300	8,949	6,804	2,144
Fall 1972	59,941	50,726	45,726	31,879	13,848	³ 5,000	³ 3,700	³ 1,300	9,215	7,071	2,144
Fall 1973	60,047	50,445	45,445	31,401	14,044	³ 5,000	³ 3,700	³ 1,300	9,602	7,420	2,183
Fall 1974	60,297	50,073	45,073	30,971	14,103	³ 5,000	³ 3,700	³ 1,300	10,224	7,989	2,235
Fall 1975	61,004	49,819	44,819	30,515	14,304	³ 5,000	³ 3,700	³ 1,300	11,185	8,835	2,350
Fall 1976	60,490	49,478	44,311	29,997	14,314	5,167	3,825	1,342	11,012	8,653	2,359
Fall 1977	60,003	48,717	43,577	29,375	14,203	5,140	3,797	1,343	11,286	8,847	2,439
Fall 1978	58,897	47,637	42,551	28,463	14,088	5,086	3,732	1,353	11,260	8,786	2,474
Fall 1979	58,221	46,651	41,651	28,034	13,616	³ 5,000	³ 3,700	³ 1,300	11,570	9,037	2,533
Fall 1980	58,305	46,208	40,877	27,647	13,231	5,331	3,992	1,339	12,097	9,457	2,640
Fall 1981	57,916	45,544	40,044	27,280	12,764	³ 5,500	³ 4,100	³ 1,400	12,372	9,647	2,725
Fall 1982	57,591	45,166	39,566	27,161	12,405	³ 5,600	³ 4,200	³ 1,400	12,426	9,696	2,730
Fall 1983	57,432	44,967	39,252	26,981	12,271	5,715	4,315	1,400	12,465	9,683	2,782
Fall 1984	57,150	44,908	39,208	26,905	12,304	³ 5,700	³ 4,300	³ 1,400	12,242	9,477	2,765
Fall 1985	57,226	44,979	39,422	27,034	12,388	5,557	4,195	1,362	12,247	9,479	2,768
Fall 1986	57,709	45,205	39,753	27,420	12,333	³ 5,452	³ 4,116	³ 1,336	12,504	9,714	2,790
Fall 1987	58,253	45,487	40,008	27,933	12,076	5,479	4,232	1,247	12,767	9,973	2,793
Fall 1988	58,485	45,430	40,189	28,501	11,687	³ 5,242	³ 4,036	³ 1,206	13,055	10,161	2,894
Fall 1989	59,279	45,741	40,543	29,152	11,390	³ 5,198	³ 4,035	³ 1,163	13,539	10,578	2,961
Fall 1990	60,269	46,451	41,217	29,878	11,338	5,234	4,084	1,150	13,819	10,845	2,974
Fall 1991	61,681	47,322	42,047	30,506	11,541	³ 5,275	³ 4,113	³ 1,162	14,359	11,310	3,049
Fall 1992	62,633	48,145	42,823	31,088	11,735	³ 5,322	³ 4,175	³ 1,147	14,487	11,385	3,103
Fall 1993	63,118	48,813	43,465	31,504	11,961	³ 5,348	³ 4,215	³ 1,132	14,305	11,189	3,116
Fall 1994	63,888	49,609	44,111	31,898	12,213	³ 5,498	³ 4,335	³ 1,163	14,279	11,134	3,145
Fall 1995	64,764	50,502	44,840	32,341	12,500	5,662	4,465	1,197	14,262	11,092	3,169
Fall 1996	65,743	51,375	45,611	32,764	12,847	³ 5,764	³ 4,551	³ 1,213	14,368	11,120	3,247
Fall 1997	66,470	51,968	46,127	33,073	13,054	5,841	4,623	1,218	14,502	11,196	3,306
Fall 1998	66,983	52,476	46,539	33,346	13,193	³ 5,937	³ 4,702	³ 1,235	14,507	11,138	3,369
Fall 1999	67,667	52,875	46,857	33,488	13,369	6,018	4,765	1,254	14,791	11,309	3,482
Fall 2000 ⁴	68,083	53,104	47,160	33,622	13,537	5,944	4,678	1,266	14,979	11,535	3,444
Fall 2001 ⁴	68,457	53,157	47,213	33,587	13,626	5,944	4,668	1,276	15,300	11,775	3,525
Fall 2002 ⁴	68,837	53,310	47,358	33,574	13,784	5,952	4,660	1,292	15,527	11,947	3,580
Fall 2003 ⁴	69,198	53,386	47,432	33,475	13,957	5,954	4,644	1,310	15,812	12,161	3,651
Fall 2004 ⁴	69,523	53,449	47,494	33,276	14,218	5,955	4,620	1,334	16,074	12,360	3,714
Fall 2005 ⁴	69,787	53,491	47,536	33,091	14,445	5,954	4,603	1,351	16,296	12,527	3,769
Fall 2006 ⁴	69,998	53,465	47,515	32,947	14,569	5,950	4,592	1,358	16,533	12,706	3,827
Fall 2007 ⁴	70,127	53,373	47,430	32,868	14,562	5,943	4,588	1,355	16,754	12,872	3,881
Fall 2008 ⁴	70,224	53,219	47,286	32,860	14,426	5,933	4,592	1,341	17,005	13,063	3,943
Fall 2009 ⁴	70,358	53,109	47,178	32,913	14,265	5,931	4,604	1,327	17,249	13,246	4,002
Fall 2010 ⁴	70,526	53,069	47,131	33,034	14,096	5,938	4,625	1,313	17,457	13,402	4,055
Fall 2011 ⁴	70,810	53,122	47,170	33,179	13,991	5,952	4,649	1,303	17,688	13,573	4,115

—Not available.

¹Beginning in fall 1980, data include estimates for an expanded universe of private schools. Therefore, these totals may differ from figures shown in other tables, and direct comparisons with earlier years should be avoided.

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

³Estimated.

⁴Projected.

NOTE: Elementary and secondary enrollment includes pupils in local public school systems and in most private schools (religiously affiliated and nonsectarian), but generally excludes pupils in subcollegiate departments of colleges, residential schools for exceptional children, federal schools, and home-schooled children. Based on the National Household Education Survey, the home-schooled children numbered approximately 850,000 in the spring of 1999. Public elementary enrollment includes most

preprimary school pupils. Public elementary and secondary enrollment for 2000 are state estimates. Private elementary enrollment includes some preprimary students. Higher education enrollment includes students in colleges, universities, professional schools, and 2-year colleges. Degree-granting institutions are 2-year and 4-year institutions that were eligible to participate in Title IV federal financial aid programs. Data for degree-granting institutions for 1999 imputed using alternative procedures. (See *Guide to Sources* for details.) Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Projections of Education Statistics to 2011*; Common Core of Data; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared July 2001.)

Table 4.—Teachers in elementary and secondary schools, and senior instructional staff in degree-granting institutions, by control of institution: Fall 1970 to fall 2011

[In thousands]

Fall	All levels			Elementary and secondary teachers ¹			Higher education senior instructional staff ²		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8	9	10
1970	2,766	2,373	393	2,292	2,059	233	474	314	160
1975	3,081	2,641	440	2,453	2,198	³ 255	628	443	185
1980	3,171	2,679	492	2,485	2,184	301	³ 686	³ 495	³ 191
1981	3,145	2,636	509	2,440	2,127	³ 313	705	509	196
1982	3,168	2,639	529	2,458	2,133	³ 325	³ 710	³ 506	³ 204
1983	3,200	2,651	549	2,476	2,139	337	724	512	212
1984	3,225	2,673	552	2,508	2,168	³ 340	³ 717	³ 505	³ 212
1985	3,264	2,709	555	2,549	2,206	343	³ 715	³ 503	³ 212
1986	3,314	2,754	560	2,592	2,244	³ 348	³ 722	³ 510	³ 212
1987	3,424	2,831	592	2,631	2,279	³ 352	⁴ 793	⁴ 553	⁴ 240
1988	3,472	2,882	590	2,668	2,323	³ 345	³ 804	³ 559	³ 245
1989	3,558	2,934	624	2,734	2,357	³ 377	824	577	247
1990	3,570	2,972	599	2,753	2,398	³ 355	³ 817	³ 574	³ 244
1991	3,613	3,013	600	2,787	2,432	³ 355	826	581	245
1992	3,699	3,080	620	2,822	2,459	³ 363	³ 877	³ 621	³ 257
1993	3,785	3,154	631	2,870	2,504	³ 366	915	650	265
1994	3,849	3,205	644	2,926	2,552	³ 374	³ 923	³ 653	³ 270
1995	3,910	3,255	655	2,978	2,598	³ 380	932	657	275
1996	4,008	3,339	669	3,054	2,667	³ 387	³ 954	³ 672	³ 282
1997	4,124	3,441	683	3,134	2,746	388	990	695	295
1998	4,220	3,527	694	3,221	2,830	³ 391	³ 999	³ 697	³ 303
1999	4,332	3,620	712	3,304	2,907	³ 397	1,028	713	315
2000 ⁵	4,420	3,680	740	3,381	2,953	428	1,039	727	312
2001 ⁵	—	—	—	3,551	3,119	432	—	—	—
2002 ⁵	—	—	—	3,541	3,111	430	—	—	—
2003 ⁵	—	—	—	3,564	3,132	432	—	—	—
2004 ⁵	—	—	—	3,590	3,155	435	—	—	—
2005 ⁵	—	—	—	3,576	3,142	434	—	—	—
2006 ⁵	—	—	—	3,594	3,159	436	—	—	—
2007 ⁵	—	—	—	3,600	3,164	436	—	—	—
2008 ⁵	—	—	—	3,600	3,164	436	—	—	—
2009 ⁵	—	—	—	3,619	3,180	439	—	—	—
2010 ⁵	—	—	—	3,633	3,192	441	—	—	—
2011 ⁵	—	—	—	3,649	3,206	443	—	—	—

—Not available.

¹ Includes teachers in local public school systems and in most private schools (religiously affiliated and nonsectarian). Teachers are reported in terms of full-time equivalents.² Includes full-time and part-time faculty with the rank of instructor or above in colleges, universities, professional schools, teachers colleges, and 2-year colleges. Excludes teaching assistants.³ Estimated.⁴ Based on actual survey data. Methodology for this year and later years is not consistent with figures for earlier years.⁵ Projected.

NOTE: Detail may not sum to totals due to rounding. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data; *Projections of Education Statistics*, various years; Higher Education General Information Survey, (HEGIS), "Fall Staff" survey; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey; and U.S. Equal Opportunity Commission (EEO-6); and unpublished data. (This table was prepared October 2001.)

Table 5.—Educational institutions, by level and control of institution: 1980–81 to 1999–2000

Level and control of institution	1980–81	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98	1998–99	1999–2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All institutions	117,707	—	—	119,242	—	—	121,855	—	124,773	—	126,542	—	128,484
Elementary and secondary schools	106,746	—	—	109,228	—	—	111,486	—	114,811	—	116,910	—	119,235
Elementary	72,659	—	—	74,716	—	—	75,591	—	77,909	—	79,362	—	80,661
Secondary	24,856	—	—	23,602	—	—	23,256	—	23,530	—	24,169	—	24,903
Combined	5,202	—	—	8,847	—	—	10,678	—	11,205	—	11,412	—	12,197
Other ¹	4,029	—	—	2,063	—	—	1,962	—	2,167	—	1,967	—	1,474
Public schools	85,982	83,165	83,425	84,538	84,578	84,497	85,393	86,221	87,125	88,223	89,508	90,874	92,012
Elementary	59,326	57,941	58,419	59,015	59,258	59,676	60,052	60,808	61,165	61,805	62,739	63,462	64,131
Secondary	22,619	21,403	21,181	21,135	20,767	20,671	20,705	20,904	20,997	21,307	21,682	22,076	22,365
Combined	1,743	2,235	2,280	2,325	2,481	2,549	2,674	2,764	2,796	2,980	3,120	3,721	4,042
Other ¹	2,294	1,586	1,545	2,063	2,072	1,601	1,962	1,745	2,167	2,131	1,967	1,615	1,474
Private schools	20,764	—	—	24,690	25,998	—	26,093	—	27,686	—	27,402	—	27,223
Elementary	13,333	—	—	15,701	15,716	—	15,539	—	16,744	—	16,623	—	16,530
Secondary	2,237	—	—	2,467	2,475	—	2,551	—	2,533	—	2,487	—	2,538
Combined	3,459	—	—	6,522	7,807	—	8,004	—	8,409	—	8,292	—	8,155
Other ¹	1,735	—	—	(²)	(²)	—	(²)	—	(²)	—	(²)	—	(²)
Postsecondary institutions	³10,961	11,389	10,606	10,014	9,983	10,601	10,369	10,246	9,962	9,837	9,632	9,485	9,249
Public	³ 2,393	2,169	2,120	2,096	2,129	2,146	2,152	2,179	2,189	2,169	2,252	2,245	2,183
Private	³ 8,568	9,220	8,486	7,918	7,854	8,455	8,217	8,067	7,773	7,668	7,380	7,240	7,066
Not-for-profit	³ 2,359	3,092	2,942	2,808	2,810	2,926	2,890	2,916	2,877	2,855	2,808	2,777	2,723
For-profit	³ 6,209	6,128	5,544	5,110	5,044	5,529	5,327	5,151	4,896	4,813	4,572	4,463	4,343
Noncollegiate institutions⁴	³7,730	7,824	7,071	6,455	6,382	6,963	6,737	6,558	6,256	5,828	5,568	5,437	5,165
Public	³ 896	587	557	529	531	522	527	538	534	467	545	564	501
Private	³ 6,834	7,237	6,514	5,926	5,851	6,441	6,210	6,020	5,722	5,361	5,023	4,873	4,664
Not-for-profit	³ 790	1,434	1,286	1,159	1,148	1,254	1,203	1,214	1,171	1,162	1,101	1,082	1,042
For-profit	³ 6,044	5,803	5,228	4,767	4,703	5,187	5,007	4,806	4,551	4,199	3,922	3,791	3,622
Degree-granting institutions⁵	3,231	3,565	3,535	3,559	3,601	3,638	3,632	3,688	3,706	4,009	4,064	4,048	4,084
2-year colleges	1,274	1,436	1,408	1,418	1,444	1,469	1,442	1,473	1,462	1,742	1,755	1,713	1,721
Public	945	984	968	972	999	1,024	1,021	1,036	1,047	1,088	1,092	1,069	1,068
Private	329	452	440	446	445	445	421	437	415	654	663	644	653
Not-for-profit	182	180	177	167	176	179	181	192	187	184	179	164	150
For-profit	147	272	263	279	269	266	240	245	228	470	484	480	503
4-year colleges	1,957	2,129	2,127	2,141	2,157	2,169	2,190	2,215	2,244	2,267	2,309	2,335	2,363
Public	552	598	595	595	599	600	604	605	608	614	615	612	614
Private	1,405	1,531	1,532	1,546	1,558	1,569	1,586	1,610	1,636	1,653	1,694	1,723	1,749
Not-for-profit	1,387	1,478	1,479	1,482	1,486	1,493	1,506	1,510	1,519	1,509	1,528	1,531	1,531
For-profit	18	53	53	64	72	76	80	100	117	144	166	192	218

—Not available.

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

² Included in other categories.

³ Because of changes in survey procedures, figures are not directly comparable with data for later years.

⁴ Institutions not meeting criteria under (5) were classified as noncollegiate institutions.

⁵ Includes those colleges designated as institutions of higher education by the Higher Education General Information Survey system, even if all their programs are less than 2 years. Includes branch campuses. Beginning in 1980, total includes some schools ac-

credited by the Accrediting Commission of Career Schools and Colleges of Technology. Beginning in 1996–97, data for institutions of higher education are for degree-granting institutions. Degree-granting institutions include those institutions which award degrees at the associate level or higher and were eligible to participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data; Private School surveys; Higher Education General Information Survey, "Institutional Characteristics of Colleges and Universities;" and Integrated Postsecondary Education Data System, "Institutional Characteristics" surveys. (This table was prepared October 2001.)

**Table 6.—Percent of the population 3 to 34 years old enrolled in school,¹ by age:
April 1940 to October 2000**

Year	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years	20 to 24 years			25 to 29 years	30 to 34 years
							Total	20 and 21 years	22 to 24 years		
1	2	3	4	5	6	7	8	9	10	11	12
1940 ²	—	—	—	95.0	79.3	28.9	6.6	—	—	—	—
1945	—	—	—	98.1	78.4	20.7	3.9	—	—	—	—
1947	—	—	73.8	98.5	79.3	24.3	10.2	—	—	3.0	—
1948	—	—	74.7	98.1	81.8	26.9	9.7	—	—	2.6	—
1949	—	—	76.2	98.6	81.6	25.3	9.2	—	—	3.8	—
1950	—	—	74.4	98.7	83.7	29.4	9.0	—	—	3.0	0.9
1951	—	—	73.6	99.1	85.2	26.2	8.6	—	—	2.5	—
1952	—	—	75.2	98.8	85.2	28.8	9.7	—	—	2.6	1.2
1953	—	—	78.6	99.4	85.9	31.2	11.1	—	—	2.9	1.7
1954	—	—	77.3	99.4	87.1	32.4	11.2	—	—	4.1	1.5
1955	—	—	78.1	99.2	86.9	31.5	11.1	—	—	4.2	1.6
1956	—	—	77.6	99.3	88.2	35.4	12.8	—	—	5.1	1.9
1957	—	—	78.6	99.5	89.5	34.9	14.0	—	—	—	—
1958	—	—	80.4	99.5	89.2	37.6	13.4	—	—	—	—
1959	—	—	80.0	99.4	90.2	36.8	12.7	—	—	—	—
1960	—	—	80.7	99.5	90.3	38.4	13.1	—	—	4.9	2.4
1961	—	—	81.7	99.3	91.4	38.0	13.7	—	—	—	—
1962	—	—	82.2	99.3	92.0	41.8	15.6	—	—	—	—
1963	—	—	82.7	99.3	92.9	40.9	17.3	—	—	—	—
1964	—	—	83.3	99.0	93.1	41.6	16.8	—	—	5.2	2.6
1965	55.5	10.6	84.9	99.4	93.2	46.3	19.0	27.6	13.2	6.1	3.2
1966	56.1	12.5	85.8	99.3	93.7	47.2	19.9	29.9	13.2	6.5	2.7
1967	56.6	14.2	87.4	99.3	93.7	47.6	22.0	33.3	13.6	6.6	4.0
1968	56.7	15.7	87.6	99.1	94.2	50.4	21.4	31.2	13.8	7.0	3.9
1969	57.0	16.1	88.4	99.2	94.0	50.2	23.0	34.1	15.4	7.9	4.8
1970	56.4	20.5	89.5	99.2	94.1	47.7	21.5	31.9	14.9	7.5	4.2
1971	56.2	21.2	91.6	99.1	94.5	49.2	21.9	32.2	15.4	8.0	4.9
1972	54.9	24.4	91.9	99.2	93.3	46.3	21.6	31.4	14.8	8.6	4.6
1973	53.5	24.2	92.5	99.2	92.9	42.9	20.8	30.1	14.5	8.5	4.5
1974	53.6	28.8	94.2	99.3	92.9	43.1	21.4	30.2	15.1	9.6	5.7
1975	53.7	31.5	94.7	99.3	93.6	46.9	22.4	31.2	16.2	10.1	6.6
1976	53.1	31.3	95.5	99.2	93.7	46.2	23.3	32.0	17.1	10.0	6.0
1977	52.5	32.0	95.8	99.4	93.6	46.2	22.9	31.8	16.5	10.8	6.9
1978	51.2	34.2	95.3	99.1	93.7	45.4	21.8	29.5	16.3	9.4	6.4
1979	50.3	35.1	95.8	99.2	93.6	45.0	21.7	30.2	15.8	9.6	6.4
1980	49.7	36.7	95.7	99.3	93.4	46.4	22.3	31.0	16.3	9.3	6.4
1981	48.9	36.0	94.0	99.2	94.1	49.0	22.5	31.6	16.5	9.0	6.9
1982	48.6	36.4	95.0	99.2	94.4	47.8	23.5	34.0	16.8	9.6	6.3
1983	48.4	37.5	95.4	99.2	95.0	50.4	22.7	32.5	16.6	9.6	6.4
1984	47.9	36.3	94.5	99.2	94.7	50.1	23.7	33.9	17.3	9.1	6.3
1985	48.3	38.9	96.1	99.2	94.9	51.6	24.0	35.3	16.9	9.2	6.1
1986	48.2	38.9	95.3	99.2	94.9	54.6	23.6	33.0	17.9	8.8	6.0
1987	48.6	38.3	95.1	99.5	95.0	55.6	25.5	38.7	17.5	9.0	5.8
1988	48.7	38.2	96.0	99.7	95.1	55.6	26.1	39.1	18.2	8.3	5.9
1989	49.1	39.1	95.2	99.3	95.7	56.0	27.0	38.5	19.9	9.3	5.7
1990	50.2	44.4	96.5	99.6	95.8	57.2	28.6	39.7	21.0	9.7	5.8
1991	50.7	40.5	95.4	99.6	96.0	59.6	30.2	42.0	22.2	10.2	6.2
1992	51.4	39.7	95.5	99.4	96.7	61.4	31.6	44.0	23.7	9.8	6.1
1993	51.8	40.4	95.4	99.5	96.5	61.6	30.8	42.7	23.6	10.2	5.9
1994	53.3	³ 47.3	96.7	99.4	96.6	60.2	32.0	44.9	24.0	10.8	6.7
1995	53.7	³ 48.7	96.0	98.9	96.3	59.4	31.5	44.9	23.2	11.6	5.9
1996	54.1	³ 48.3	94.0	97.7	95.4	61.5	32.5	44.4	24.8	11.9	6.1
1997	55.6	³ 52.6	96.5	99.1	96.6	61.5	34.3	45.9	26.4	11.8	5.7
1998	55.8	³ 52.1	95.6	98.9	96.1	62.2	33.0	44.8	24.9	11.9	6.6
1999	56.0	³ 54.2	96.0	98.7	95.8	60.6	32.8	45.3	24.5	11.1	6.2
2000	55.9	³ 52.1	95.6	98.2	95.7	61.2	32.5	44.1	24.6	11.4	6.7

—Not available.

¹ Includes enrollment in any type of graded public, parochial, or other private schools. Includes nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Enrollments in "special" schools, such as trade schools, business colleges, or correspondence schools, are not included.

² Data are as of April 1940. Data for all other years are as of October.

³ Preprimary enrollment collected using new procedures. May not be comparable to figures for earlier years.

NOTE: Data are based upon sample surveys of the civilian noninstitutional population.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970; Current Population Reports, Series P-20*, various years; and Current Population Survey, unpublished data. (This table was prepared July 2001.)

Table 7.—Percent of the population 3 to 34 years old enrolled in school, by race/ethnicity, sex, and age: October 1975 to October 2000

Year and age	Total				Male				Female			
	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin	All races	White, non-Hispanic	Black, non-Hispanic	Hispanic origin
1	2	3	4	5	6	7	8	9	10	11	12	13
1975												
Total, 3 to 34 years	53.7 (0.2)	53.0 (0.2)	57.7 (0.7)	54.8 (1.2)	56.1 (0.3)	55.2 (0.3)	60.4 (1.0)	58.1 (1.7)	51.5 (0.3)	50.8 (0.3)	55.3 (0.9)	51.7 (1.7)
3 and 4 years	31.5 (0.9)	31.0 (1.0)	34.4 (2.3)	27.3 (3.0)	30.9 (1.2)	31.1 (1.4)	31.4 (3.2)	26.7 (4.1)	32.1 (1.3)	30.9 (1.4)	37.5 (3.3)	27.9 (4.4)
5 and 6 years	94.7 (0.4)	95.1 (0.5)	94.4 (1.1)	92.1 (1.7)	94.4 (0.6)	94.8 (0.7)	94.8 (1.5)	89.7 (2.7)	95.1 (0.6)	95.4 (0.6)	94.0 (1.6)	94.4 (2.0)
7 to 9 years	99.3 (0.1)	99.4 (0.1)	99.3 (0.3)	99.6 (0.4)	99.2 (0.2)	99.2 (0.2)	99.4 (0.4)	99.6 (0.5)	99.5 (0.2)	99.6 (0.2)	99.2 (0.5)	99.5 (0.6)
10 to 13 years	99.3 (0.1)	99.3 (0.1)	99.1 (0.3)	99.2 (0.4)	98.9 (0.2)	99.0 (0.2)	98.9 (0.5)	98.8 (0.7)	99.6 (0.1)	99.6 (0.1)	99.3 (0.4)	99.7 (0.3)
14 and 15 years	98.2 (0.2)	98.5 (0.2)	97.4 (0.8)	95.6 (1.8)	98.4 (0.3)	98.6 (0.3)	97.6 (1.0)	97.4 (2.0)	98.0 (0.3)	98.4 (0.3)	97.2 (1.1)	93.8 (3.1)
16 and 17 years	89.0 (0.5)	89.5 (0.5)	86.8 (1.7)	86.2 (3.0)	90.7 (0.6)	91.2 (0.7)	88.1 (2.3)	88.3 (3.9)	87.2 (0.7)	87.8 (0.8)	85.5 (2.4)	84.0 (4.5)
18 and 19 years	46.9 (0.8)	46.8 (0.9)	46.9 (2.6)	44.0 (4.4)	49.9 (1.1)	49.4 (1.3)	49.6 (3.8)	51.9 (6.5)	44.2 (1.1)	44.2 (1.2)	44.6 (3.5)	37.1 (5.9)
20 and 21 years	31.2 (0.8)	32.1 (0.8)	26.7 (2.4)	27.5 (4.3)	35.3 (1.1)	36.7 (1.3)	28.4 (3.6)	31.3 (6.7)	27.4 (1.0)	27.8 (1.1)	25.3 (3.1)	24.3 (5.6)
22 to 24 years	16.2 (0.5)	16.4 (0.6)	13.9 (1.6)	14.1 (2.9)	20.0 (0.8)	20.8 (0.9)	14.5 (2.5)	15.9 (4.4)	12.6 (0.6)	12.2 (0.7)	13.4 (2.2)	12.5 (3.9)
25 to 29 years	10.1 (0.3)	10.1 (0.4)	9.4 (1.2)	8.3 (1.8)	13.1 (0.5)	13.2 (0.6)	11.6 (1.9)	11.9 (3.2)	7.2 (0.4)	7.2 (0.4)	7.6 (1.4)	5.3 (2.0)
30 to 34 years	6.6 (0.3)	6.6 (0.3)	7.1 (1.1)	5.5 (1.6)	7.7 (0.5)	7.5 (0.5)	8.7 (1.8)	7.2 (2.6)	5.6 (0.4)	5.8 (0.4)	5.9 (1.4)	4.1 (1.9)
1980												
Total, 3 to 34 years	49.7 (0.2)	48.8 (0.2)	54.0 (0.7)	49.8 (1.1)	50.9 (0.3)	50.0 (0.3)	56.2 (1.0)	49.9 (1.5)	48.5 (0.3)	47.7 (0.3)	52.1 (0.9)	49.8 (1.5)
3 and 4 years	36.7 (0.9)	37.4 (1.1)	38.2 (2.4)	28.5 (2.6)	37.8 (1.3)	39.2 (1.6)	36.4 (3.4)	30.1 (3.6)	35.5 (1.3)	35.5 (1.6)	40.0 (3.5)	26.6 (3.8)
5 and 6 years	95.7 (0.4)	95.9 (0.5)	95.5 (1.0)	94.5 (1.4)	95.0 (0.6)	95.4 (0.7)	94.1 (1.7)	94.0 (2.2)	96.4 (0.5)	96.5 (0.6)	97.0 (1.2)	94.9 (1.9)
7 to 9 years	99.1 (0.1)	99.1 (0.2)	99.4 (0.3)	98.4 (0.6)	99.0 (0.2)	99.0 (0.3)	99.5 (0.4)	97.7 (1.0)	99.2 (0.2)	99.2 (0.2)	99.3 (0.5)	99.0 (0.7)
10 to 13 years	99.4 (0.1)	99.4 (0.1)	99.4 (0.3)	99.7 (0.2)	99.4 (0.1)	99.4 (0.2)	99.4 (0.4)	99.4 (0.4)	99.4 (0.1)	99.3 (0.2)	99.3 (0.4)	99.9 (0.2)
14 and 15 years	98.2 (0.2)	98.7 (0.2)	97.9 (0.7)	94.3 (1.9)	98.7 (0.3)	98.9 (0.3)	98.4 (0.9)	96.7 (2.1)	97.7 (0.4)	98.5 (0.3)	97.3 (1.2)	92.1 (3.0)
16 and 17 years	89.0 (0.5)	89.2 (0.6)	90.7 (1.4)	81.8 (3.2)	89.1 (0.7)	89.4 (0.8)	90.7 (2.0)	81.5 (4.7)	88.8 (0.7)	89.0 (0.8)	90.6 (2.0)	82.2 (4.5)
18 and 19 years	46.4 (0.8)	47.0 (0.9)	45.8 (2.6)	37.8 (3.9)	47.0 (1.1)	48.5 (1.3)	42.9 (3.7)	36.9 (5.4)	45.8 (1.1)	45.7 (1.3)	48.3 (3.5)	38.8 (5.7)
20 and 21 years	31.0 (0.7)	33.0 (0.9)	23.3 (2.2)	19.5 (3.3)	32.6 (1.1)	34.8 (1.2)	22.8 (3.3)	21.4 (4.9)	29.5 (1.0)	31.3 (1.2)	23.7 (3.0)	17.6 (4.4)
22 to 24 years	16.3 (0.5)	16.8 (0.6)	13.6 (1.5)	11.7 (2.3)	17.8 (0.7)	18.7 (0.8)	13.4 (2.3)	10.7 (3.1)	14.9 (0.7)	15.0 (0.7)	13.7 (2.0)	12.6 (3.2)
25 to 29 years	9.3 (0.3)	9.4 (0.3)	8.8 (1.0)	6.9 (1.4)	9.8 (0.5)	9.8 (0.5)	10.6 (1.7)	6.8 (2.1)	8.8 (0.4)	9.1 (0.5)	7.5 (1.3)	6.9 (2.0)
30 to 34 years	6.4 (0.3)	6.4 (0.3)	6.9 (1.0)	5.1 (1.3)	5.9 (0.4)	5.6 (0.4)	7.2 (1.5)	6.2 (2.1)	7.0 (0.4)	7.2 (0.4)	6.6 (1.3)	4.1 (1.7)
1985												
Total, 3 to 34 years	48.3 (0.2)	47.8 (0.3)	50.8 (0.7)	47.7 (1.1)	49.2 (0.3)	48.7 (0.4)	52.6 (1.0)	47.5 (1.6)	47.4 (0.3)	46.9 (0.4)	49.2 (1.0)	47.9 (1.6)
3 and 4 years	38.9 (0.9)	40.3 (1.1)	42.8 (2.4)	27.0 (2.6)	36.7 (1.3)	39.1 (1.6)	34.6 (3.4)	26.4 (3.5)	41.2 (1.3)	41.6 (1.6)	50.3 (3.4)	27.7 (3.9)
5 and 6 years	96.1 (0.4)	96.6 (0.4)	95.7 (1.0)	94.5 (1.4)	95.3 (0.6)	95.6 (0.7)	94.5 (1.6)	95.3 (1.9)	97.0 (0.5)	97.6 (0.5)	97.1 (1.2)	93.7 (2.2)
7 to 9 years	99.1 (0.2)	99.4 (0.2)	98.6 (0.5)	98.4 (0.6)	99.0 (0.2)	99.3 (0.2)	98.4 (0.8)	98.9 (0.8)	99.2 (0.2)	99.4 (0.2)	99.8 (0.6)	98.0 (1.0)
10 to 13 years	99.3 (0.1)	99.3 (0.1)	99.5 (0.3)	99.4 (0.3)	99.2 (0.2)	99.2 (0.2)	99.1 (0.5)	99.1 (0.6)	99.4 (0.2)	99.3 (0.2)	99.9 (0.1)	99.7 (0.3)
14 and 15 years	98.1 (0.2)	98.3 (0.3)	98.1 (0.7)	96.1 (1.8)	98.3 (0.3)	98.4 (0.4)	98.5 (0.9)	96.2 (2.6)	97.9 (0.4)	98.1 (0.4)	97.6 (1.2)	96.0 (2.4)
16 and 17 years	91.7 (0.5)	92.5 (0.5)	91.8 (1.5)	84.5 (3.2)	92.4 (0.7)	92.9 (0.7)	92.0 (2.1)	88.9 (3.9)	90.9 (0.7)	92.2 (0.8)	91.6 (2.1)	80.0 (5.1)
18 and 19 years	51.6 (0.9)	53.7 (1.0)	43.5 (2.7)	41.8 (4.8)	52.2 (1.3)	53.4 (1.5)	49.4 (3.9)	38.6 (6.8)	51.0 (1.3)	54.0 (1.5)	37.8 (3.7)	44.7 (6.7)
20 and 21 years	35.3 (0.8)	37.2 (1.0)	27.7 (2.4)	24.0 (4.1)	36.5 (1.2)	38.8 (1.4)	29.9 (3.6)	20.3 (5.6)	34.1 (1.1)	35.7 (1.3)	25.8 (3.2)	27.4 (6.0)
22 to 24 years	16.9 (0.5)	17.5 (0.6)	13.8 (1.5)	11.6 (2.3)	18.8 (0.8)	19.8 (0.9)	13.5 (2.3)	12.6 (3.2)	15.1 (0.7)	15.4 (0.8)	14.0 (2.1)	10.4 (3.2)
25 to 29 years	9.2 (0.3)	9.6 (0.4)	7.4 (0.9)	6.6 (1.3)	9.4 (0.4)	9.7 (0.5)	5.8 (1.2)	8.2 (2.1)	9.1 (0.4)	9.4 (0.5)	8.7 (1.3)	4.9 (1.7)
30 to 34 years	6.1 (0.3)	6.2 (0.3)	5.2 (0.8)	5.7 (1.4)	5.4 (0.3)	5.6 (0.4)	3.9 (1.1)	4.0 (1.7)	6.8 (0.4)	6.9 (0.4)	6.2 (1.2)	7.5 (2.3)
1990												
Total, 3 to 34 years	50.2 (0.2)	49.8 (0.3)	52.2 (0.7)	47.2 (1.1)	50.9 (0.3)	50.4 (0.4)	54.3 (1.0)	46.8 (1.5)	49.5 (0.3)	49.2 (0.4)	50.3 (1.0)	47.7 (1.5)
3 and 4 years	44.4 (1.0)	47.2 (1.2)	41.8 (2.6)	30.7 (2.7)	43.9 (1.4)	47.9 (1.7)	38.1 (3.6)	28.0 (3.7)	44.9 (1.4)	46.6 (1.7)	45.5 (3.7)	33.6 (4.0)
5 and 6 years	96.5 (0.4)	96.7 (0.4)	96.5 (0.9)	94.9 (1.3)	96.5 (0.5)	96.8 (0.6)	96.2 (1.3)	95.8 (1.7)	96.4 (0.5)	96.7 (0.6)	96.9 (1.2)	93.9 (2.0)
7 to 9 years	99.7 (0.1)	99.7 (0.1)	99.8 (0.2)	99.5 (0.4)	99.7 (0.1)	99.7 (0.2)	99.9 (0.2)	99.5 (0.5)	99.6 (0.1)	99.7 (0.2)	99.8 (0.3)	99.4 (0.5)
10 to 13 years	99.6 (0.1)	99.7 (0.1)	99.9 (0.1)	99.1 (0.4)	99.6 (0.1)	99.6 (0.1)	99.9 (0.2)	99.0 (0.6)	99.7 (0.1)	99.7 (0.1)	99.8 (0.2)	99.1 (0.6)
14 and 15 years	99.0 (0.2)	99.0 (0.2)	99.4 (0.5)	99.0 (0.9)	99.1 (0.3)	99.2 (0.3)	99.7 (0.5)	99.1 (1.1)	99.8 (0.3)	99.8 (0.4)	99.1 (0.8)	98.8 (1.5)
16 and 17 years	92.5 (0.5)	93.5 (0.6)	91.7 (1.6)	85.4 (3.2)	92.6 (0.7)	93.4 (0.8)	93.0 (2.1)	85.5 (4.4)	92.4 (0.7)	93.7 (0.8)	90.5 (2.4)	85.3 (4.7)
18 and 19 years	57.2 (0.9)	59.1 (1.1)	55.0 (2.8)	44.0 (4.4)	58.2 (1.3)	59.7 (1.6)	60.4 (4.0)	40.7 (6.2)	56.3 (1.3)	58.5 (1.6)	49.8 (4.0)	47.2 (6.1)
20 and 21 years	39.7 (0.9)	43.1 (1.1)	28.3 (2.6)	27.2 (3.8)	40.3 (1.3)	44.2 (1.6)	31.0 (3.8)	21.7 (4.9)	39.2 (1.3)	42.0 (1.5)	25.8 (3.5)	33.1 (5.8)
22 to 24 years	21.0 (0.6)	21.9 (0.8)	19.7 (2.0)	9.9 (2.0)	22.3 (0.9)	23.7 (1.1)	19.3 (3.0)	11.2 (3.0)	19.9 (0.9)	20.3 (1.0)	20.0 (2.7)	8.4 (2.8)
25 to 29 years	9.7 (0.3)	10.4 (0.4)	6.1 (0.9)	6.3 (1.3)	9.2 (0.5)	10.0 (0.6)	4.7 (1.1)	4.6 (1.6)	10.2 (0.5)	10.7 (0.6)	7.3 (1.3)	8.1 (2.1)
30 to 34 years	5.8 (0.3)	6.2 (0.3)	4.5 (0.7)	3.6 (1.0)	4.8 (0.3)	5.0 (0.4)	2.3 (0.8)	4.0 (1.5)	6.9 (0.4)	7.4 (0.5)	6.3 (1.2)	3.1 (1.3)
1995												
Total, 3 to 34 years	53.7 (0.2)	53.8 (0.3)	56.3 (0.6)	49.7 (0.6)	54.3 (0.3)	54.2 (0.4)	58.6 (0.8)	49.1 (0.9)	53.2 (0.3)	53.4 (0.4)	54.1 (0.8)	50.3 (0.9)
3 and 4 years	48.7 (0.9)	52.2 (1.1)	47.8 (2.0)	36.9 (1.6)	49.4 (1.2)	51.1 (1.5)	52.4 (2.8)	40.8 (2.2)	48.1 (1.2)	53.5 (1.6)	43.4 (2.7)	32.7 (2.2)
5 and 6 years	96.0 (0.3)	96.6 (0.4)	95.4 (0.8)	93.9 (0.8)	95.3 (0.5)	95.9 (0.6)	94.6 (1.3)	93.6 (1.2)	96.8 (0.4)	97.4 (0.5)	96.3 (1.1)	94.3 (1.1)
7 to 9 years	98.7 (0.2)	98.9 (0.2)	97.7 (0.5)	98.5 (0.4)	98.9 (0.2)	99.0 (0.2)	98.1 (0.6)	98.8 (0.5)	98.5 (0.3)	98.9 (0.3)	97.2 (0.8)	98.2 (0.6)
10 to 13 years	99.1 (0.1)	99.0 (0.2)	99.2 (0.3)	99.2 (0.2)	99.1 (0.2)	99.0 (0.2)	99.5 (0.3)	98.8 (0.4)	99.0 (0.2)	98.9 (0.2)	98.9 (0.4)	99.5 (0.3)
14 and 15 years	98.9 (0.2)	98.8 (0.2)	99.0 (0.5)	98.9 (0.6)	99.0 (0.2)	98.9 (0.3)	99.6 (0.4)	98.4 (0.9)	98.8 (0.3)	98.7 (0.3)	98.3 (0.8)	99.4 (0.6)
16 and 17 years	93.6 (0.4)	94.4 (0.5)	93.0 (1.2)	88.2 (1.8)	94.5 (0.5)	95.0 (0.6)	95.6 (1.3)	88.4 (2.6)	92.6 (0.6)	93.8 (0.7)	90.3 (1.9)	88.0 (2.6)
18 and 19 years	58.4 (0.9)	61.8 (1.0)	57.5 (2.4)	46.1 (2.6)	59.5 (1.2)	61.9 (1.4)	59.2 (3.5)	47.4 (3.6)	59.2 (1.2)	61.8 (1.5)	56.1 (3.3)	44.8 (3.8)
20 and 21 years	44.9 (0.9)	49.7 (1.1)	37.8 (2.5)	27.1 (2.4)	44.7 (1.3)	50.0 (1.6)	36.7 (3.7)	24.8 (3.3)	45.1 (1.3)	49.3 (1.5)	38.7 (3.3)	29.2 (3.4)
22 to 24 years	23.2 (0.6)	24.4 (0.7)	20.0 (1.6)	15.6 (1.5)	22.8 (0.8)	24.1 (1.0)	20.6 (2.4)	14.8 (2.0)	23.6 (0.8)	24.8 (1.0)	19.5 (2.2)	16.6 (2.3)
25 to 29 years	11.6 (0.3)	12.3 (0.4)	10.0 (0.9)	7.1 (0.9)	11.0 (0.5)	12.2 (0.6)	6.3 (1.2)	5.6 (1.1)	12.2 (0.5)	12.3 (0.6)	13.0 (1.4)	8.7 (1.4)
30 to 34 years	5.9 (0.2)	5.7 (0.3)	7.7 (0.8)	4.7 (0.7)	5.4 (0.3)	5.0 (0.4)	6.9 (1.1)	4.5 (0.9)	6.5 (0.3)	6.3 (0.4)	8.3 (1.1)	4.9 (1.0)
2000												
Total, 3 to 34 years	55.9 (0.2)	56.0 (0.3)	59.3 (0.6)	51.3 (0.6)	55.8 (0.3)	55.8 (0.4)	59.7 (0.9)	50.5 (0.9)	56.0 (0.3)	56.1 (0.4)	59.0 (0.8)	52.2 (0.9)
3 and 4 years	52.1 (0.9)	54.6 (1.2)	59.8 (2.2)	35.9 (1.6)	50.8 (1.3)	54.1 (1.7)	58.0 (3.0)	31.9 (2.2)	53.4 (1.3)	55.2 (1.7)	61.8 (3.1)	40.0 (2.3)
5 and 6 years	95.6 (0.4)	95.5 (0.5)	96.7 (0.8)	94.3 (0.8)	95.1 (0.6)	94.5 (0.8)	96.0 (1.2)	95.4 (0.9)	96.1 (0.5)	96.4 (0.6)	97.5 (1.0)	93.1 (1.2)

Table 8.—Years of school completed by persons age 25 and over and 25 to 29, by race/ethnicity and sex: 1910 to 2000

Age and year	Percent, by years of school completed											
	All races			White, non-Hispanic ¹			Black, non-Hispanic ¹			Hispanic		
	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³	Less than 5 years of elementary school	High school completion or higher ²	4 or more years of college ³
1	2	3	4	5	6	7	8	9	10	11	12	13
Males and females												
25 and over												
1910 ⁴	23.8	13.5	2.7	—	—	—	—	—	—	—	—	—
1920 ⁴	22.0	16.4	3.3	—	—	—	—	—	—	—	—	—
1930 ⁴	17.5	19.1	3.9	—	—	—	—	—	—	—	—	—
April 1940	13.7	24.5	4.6	10.9	26.1	4.9	41.8	7.7	1.3	—	—	—
April 1950	11.1	34.3	6.2	8.9	36.4	6.6	32.6	13.7	2.2	—	—	—
April 1960	8.3	41.1	7.7	6.7	43.2	8.1	23.5	21.7	3.5	—	—	—
March 1970	5.3	55.2	11.0	4.2	57.4	11.6	14.7	36.1	6.1	—	—	—
March 1980	3.4	68.6	17.0	1.9	71.9	18.4	9.1	51.4	7.9	15.8	44.5	7.6
March 1985	2.7	73.9	19.4	1.4	77.5	20.8	6.1	59.9	11.1	13.5	47.9	8.5
March 1989	2.5	76.9	21.1	1.2	80.7	22.8	5.2	64.7	11.7	12.2	50.9	9.9
March 1990	2.5	77.6	21.3	1.1	81.4	23.1	5.1	66.2	11.3	12.3	50.8	9.2
March 1991	2.4	78.4	21.4	1.1	82.4	23.3	4.7	66.8	11.5	12.5	51.3	9.7
March 1992	2.1	79.4	21.4	0.9	83.4	23.2	3.9	67.7	11.9	11.8	52.6	9.3
March 1993	2.1	80.2	21.9	0.8	84.1	23.8	3.7	70.5	12.2	11.8	53.1	9.0
March 1994	1.9	80.9	22.2	0.8	84.9	24.3	2.7	73.0	12.9	10.8	53.3	9.1
March 1995	1.9	81.7	23.0	0.7	85.9	23.4	2.5	73.8	13.3	10.6	53.4	9.3
March 1996	1.8	81.7	23.6	0.6	86.0	25.9	2.2	74.6	13.8	10.4	53.1	9.3
March 1997	1.7	82.1	23.9	0.6	86.3	26.2	2.0	75.3	13.3	9.4	54.7	10.3
March 1998	1.7	82.8	24.4	0.6	87.1	26.6	1.7	76.4	14.8	9.3	55.5	11.0
March 1999	1.6	83.4	25.2	0.6	87.7	27.7	1.8	77.4	15.5	9.0	56.1	10.9
March 2000	1.6	84.1	25.6	0.5	88.4	28.1	1.6	78.9	16.6	8.7	57.0	10.6
25 to 29												
1920 ⁴	—	—	—	12.9	22.0	4.5	44.6	6.3	1.2	—	—	—
April 1940	5.9	38.1	5.9	3.4	41.2	6.4	27.0	12.3	1.6	—	—	—
April 1950	4.6	52.8	7.7	3.3	56.3	8.2	16.1	23.6	2.8	—	—	—
April 1960	2.8	60.7	11.0	2.2	63.7	11.8	7.2	38.6	5.4	—	—	—
March 1970	1.1	75.4	16.4	0.9	77.8	17.3	2.2	58.4	10.0	—	—	—
March 1980	0.8	85.4	22.5	0.3	89.2	25.0	0.7	76.7	11.6	6.7	58.0	7.7
March 1985	0.7	86.1	22.2	0.2	89.5	24.4	0.4	80.5	11.6	6.0	60.9	11.1
March 1989	1.0	85.5	23.4	0.3	89.3	26.3	0.5	82.3	12.7	5.4	61.0	10.1
March 1990	1.2	85.7	23.2	0.3	90.1	26.4	1.0	81.7	13.4	7.3	58.2	8.2
March 1991	1.0	85.4	23.2	0.3	89.8	26.7	0.5	81.8	11.0	5.8	56.7	9.2
March 1992	0.9	86.3	23.6	0.3	90.7	27.2	0.8	80.9	11.1	5.2	60.9	9.5
March 1993	0.7	86.7	23.7	0.3	91.2	27.2	0.2	82.7	13.3	4.0	60.9	8.3
March 1994	0.8	86.1	23.3	0.3	91.1	27.1	0.6	84.1	13.6	3.6	60.3	8.0
March 1995	1.0	86.9	24.7	0.3	92.5	28.8	0.2	86.7	15.4	4.9	57.2	8.9
March 1996	0.8	87.3	27.1	0.2	92.6	31.6	0.4	86.0	14.6	4.3	61.1	10.0
March 1997	0.8	87.4	27.8	0.1	92.9	32.6	0.6	86.9	14.2	4.2	61.8	11.0
March 1998	0.7	88.1	27.3	0.1	93.6	32.3	0.4	88.3	15.8	3.7	62.8	10.4
March 1999	0.6	87.8	28.2	0.1	93.0	33.6	0.2	88.7	15.0	3.2	61.6	8.9
March 2000	0.7	88.1	29.1	0.1	94.0	34.0	—	86.8	17.8	3.8	62.8	9.7
Males												
25 and over												
April 1940	15.1	22.7	5.5	12.0	24.2	5.9	46.2	6.9	1.4	—	—	—
April 1950	12.2	32.6	7.3	9.8	34.6	7.9	36.9	12.6	2.1	—	—	—
April 1960	9.4	39.5	9.7	7.4	41.6	10.3	27.7	20.0	3.5	—	—	—
March 1970	5.9	55.0	14.1	4.5	57.2	15.0	17.9	35.4	6.8	—	—	—
March 1980	3.6	69.2	20.9	2.0	72.4	22.8	11.3	51.2	7.7	16.5	44.9	9.2
March 1990	2.7	77.7	24.4	1.3	81.6	26.7	6.4	65.8	11.9	12.9	50.3	9.8
March 1994	2.1	81.1	25.1	0.8	85.1	27.8	3.9	71.8	12.7	11.4	53.4	9.6
March 1995	2.0	81.7	26.0	0.8	86.0	28.9	3.4	73.5	13.7	10.8	52.9	10.1
March 1996	1.9	81.9	26.0	0.7	86.1	28.8	2.9	74.6	12.5	10.2	53.0	10.3
March 1997	1.8	82.0	26.2	0.6	86.3	29.0	2.9	73.8	12.5	9.2	54.9	10.6
March 1998	1.7	82.8	26.5	0.7	87.1	29.3	2.3	75.4	14.0	9.3	55.7	11.1
March 1999	1.6	83.5	27.5	0.6	87.7	30.6	2.1	77.2	14.3	9.0	56.0	10.7
March 2000	1.6	84.2	27.8	0.6	88.5	30.8	2.1	79.1	16.4	8.2	56.6	10.7
Females												
25 and over												
April 1940	12.4	26.3	3.8	9.8	28.1	4.0	37.5	8.4	1.2	—	—	—
April 1950	10.0	36.0	5.2	8.1	38.2	5.4	28.6	14.7	2.4	—	—	—
April 1960	7.4	42.5	5.8	6.0	44.7	6.0	19.7	23.1	3.6	—	—	—
March 1970	4.7	55.4	8.2	3.9	57.7	8.6	11.9	36.6	5.6	—	—	—
March 1980	3.2	68.1	13.6	1.8	71.5	14.4	7.4	51.5	8.1	15.3	44.2	6.2
March 1990	2.2	77.5	18.4	1.0	81.3	19.8	4.1	66.5	10.8	11.7	51.3	8.7
March 1994	1.7	80.8	19.6	0.7	84.7	21.1	1.8	73.9	13.1	10.3	53.2	8.6
March 1995	1.7	81.6	20.2	0.6	85.8	22.2	1.8	74.1	13.0	10.4	53.8	8.4
March 1996	1.7	81.6	21.4	0.5	85.9	23.2	1.6	74.6	14.8	10.6	53.3	8.3
March 1997	1.6	82.2	21.7	0.5	86.3	23.7	1.3	76.5	14.0	9.5	54.6	10.1
March 1998	1.6	82.9	22.4	0.6	87.1	24.1	1.2	77.1	15.5	9.2	55.3	10.9
March 1999	1.6	83.4	23.1	0.5	87.7	25.0	1.5	77.5	16.5	9.0	56.3	11.0
March 2000	1.5	84.0	23.6	0.4	88.4	25.5	1.1	78.7	16.8	9.3	57.5	10.6

—Not available.

¹Includes persons of Hispanic origin for years prior to 1980.

²Data for years prior to 1993 include all persons with at least 4 years of high school.

³Data for 1993 and later years are for persons with a bachelor's or higher degree.

⁴Estimates based on Bureau of the Census retrojection of 1940 Census data on education by age.

NOTE: Data for 1980 and subsequent years are for the noninstitutional population.

SOURCE: U.S. Department of Commerce, Bureau of the Census, U.S. Census of Population, 1960, Volume 1, part 1; *Current Population Reports*, Series P-20 and unpublished data; and *1960 Census Monograph*, "Education of the American Population," by John K. Folger and Charles B. Nam. (This table was prepared April 2001.)

**Table 9.—Highest level of education attained by persons age 18 and over, by age, sex, and race/ethnicity:
March 2000**
[In thousands]

Age, sex, and race	Total population	Elementary level		High school			College					
		Less than 7 years	7 or 8 years	1 to 3 years	4 years	Graduate	Some college	Associate	Bachelor's	Master's	Professional	Doctorate
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
18 and over	201,762	6,684	6,249	18,394	2,760	66,141	39,940	14,715	31,708	10,527	2,613	2,032
18 and 19 years old	8,091	90	100	2,961	412	2,294	2,201	25	—	4	—	4
20 to 24 years old	18,441	311	253	1,731	376	5,761	6,985	998	1,867	127	27	4
25 years old and over	175,230	6,283	5,896	13,702	1,973	58,086	30,753	13,692	29,840	10,396	2,586	2,023
25 to 29 years old	18,268	426	265	1,274	210	5,435	3,762	1,588	4,313	735	184	75
30 to 34 years old	19,518	466	264	1,286	283	6,111	3,614	1,735	4,250	1,043	294	172
35 to 39 years old	22,320	550	278	1,475	273	7,522	4,097	2,015	4,245	1,320	319	226
40 to 49 years old	42,233	1,109	664	2,436	389	13,743	7,829	4,087	7,785	2,982	654	554
50 to 59 years old	29,750	988	725	2,068	253	9,764	5,383	2,251	4,813	2,423	573	509
60 to 64 years old	10,519	522	480	1,130	94	3,810	1,587	625	1,302	680	169	122
65 years old and over	32,621	2,222	3,220	4,032	471	11,701	4,481	1,391	3,133	1,213	393	364
Males												
18 and over	96,901	3,330	3,041	8,946	1,362	30,790	18,920	6,460	15,652	5,205	1,762	1,433
18 and 19 years old	4,082	59	69	1,654	180	1,145	954	18	—	—	—	4
20 to 24 years old	9,208	193	133	977	199	2,994	3,426	490	743	39	10	4
25 years old and over	83,611	3,078	2,839	6,315	983	26,651	14,540	5,952	14,909	5,166	1,752	1,425
25 to 29 years old	8,942	220	154	705	107	2,831	1,770	657	2,079	287	96	36
30 to 34 years old	9,621	255	120	660	164	3,158	1,713	730	2,055	514	145	106
35 to 39 years old	11,032	289	157	707	153	3,861	1,978	871	2,018	654	185	158
40 to 49 years old	20,757	587	323	1,216	219	6,787	3,788	1,820	3,761	1,461	441	355
50 to 59 years old	14,340	448	367	944	114	4,179	2,600	1,044	2,622	1,236	425	362
60 to 64 years old	5,032	273	258	513	39	1,609	745	311	694	359	136	94
65 years old and over	13,886	1,006	1,460	1,570	186	4,225	1,947	519	1,679	655	324	313
Females												
18 and over	104,861	3,354	3,208	9,448	1,398	35,350	21,019	8,255	16,056	5,322	852	599
18 and 19 years old	4,009	32	31	1,307	231	1,149	1,247	7	—	4	—	—
20 to 24 years old	9,233	117	121	754	177	2,767	3,559	509	1,125	88	17	—
25 years old and over	91,620	3,204	3,057	7,387	990	31,435	16,213	7,740	14,931	5,230	834	599
25 to 29 years old	9,326	207	111	569	102	2,604	1,992	931	2,234	449	89	39
30 to 34 years old	9,896	211	144	626	118	2,953	1,901	1,005	2,194	529	149	67
35 to 39 years old	11,288	361	121	768	120	3,661	2,119	1,144	2,226	666	134	69
40 to 49 years old	21,476	522	341	1,220	171	6,956	4,041	2,267	4,024	1,521	214	200
50 to 59 years old	15,410	540	358	1,125	139	5,584	2,784	1,207	2,191	1,187	148	147
60 to 64 years old	5,487	248	222	617	55	2,201	842	314	608	320	32	27
65 years old and over	18,735	1,215	1,760	2,462	285	7,476	2,534	871	1,454	558	69	51
White, non-Hispanic												
18 and over	148,091	1,690	4,024	11,136	1,428	49,806	30,037	11,675	25,797	8,640	2,200	1,659
18 and 19 years old	5,289	24	40	1,852	213	1,541	1,585	10	—	—	—	4
20 to 24 years old	12,039	25	90	770	130	3,711	4,988	739	1,466	97	24	—
25 years old and over	130,783	1,640	3,894	8,515	1,085	44,554	23,464	10,926	24,331	8,543	2,176	1,656
25 to 29 years old	11,890	24	73	539	73	3,559	2,431	1,144	3,358	519	118	52
30 to 34 years old	13,090	33	90	565	121	3,997	2,432	1,264	3,461	777	228	122
35 to 39 years old	15,647	50	107	826	141	5,376	2,862	1,543	3,235	1,076	263	149
40 to 49 years old	31,525	180	316	1,429	200	10,359	5,876	3,364	6,298	2,478	563	463
50 to 59 years old	23,089	216	416	1,230	145	7,749	4,455	1,870	4,032	2,041	486	449
60 to 64 years old	8,355	178	316	779	60	3,181	1,328	535	1,129	591	148	110
65 years old and over	27,187	960	2,576	3,148	345	10,334	4,061	1,206	2,818	1,061	368	310
Black, non-Hispanic												
18 and over	23,308	637	721	3,303	560	8,195	5,042	1,449	2,389	828	113	72
18 and 19 years old	1,172	9	13	468	98	368	210	6	—	—	—	—
20 to 24 years old	2,691	4	27	401	93	955	927	113	154	8	3	4
25 years old and over	19,445	624	680	2,434	369	6,872	3,904	1,330	2,234	820	110	68
25 to 29 years old	2,402	3	30	243	40	819	642	196	341	66	18	4
30 to 34 years old	2,534	17	14	188	51	1,032	566	215	335	102	10	5
35 to 39 years old	2,812	11	21	223	58	1,037	679	224	444	92	9	14
40 to 49 years old	5,001	71	66	501	78	1,862	1,128	388	621	230	38	18
50 to 59 years old	2,968	55	85	496	45	1,058	501	185	313	199	19	13
60 to 64 years old	1,009	48	80	203	27	325	160	42	64	50	8	2
65 years old and over	2,719	419	384	580	70	740	227	81	118	81	7	11
Hispanic												
18 and over	21,109	3,873	1,310	3,303	597	5,966	3,196	959	1,332	372	117	84
18 and 19 years old	1,204	57	46	511	65	277	245	3	—	—	—	—
20 to 24 years old	2,755	275	124	507	132	898	639	97	83	—	—	—
25 years old and over	17,150	3,540	1,140	2,286	401	4,791	2,313	858	1,249	372	117	84
25 to 29 years old	2,831	381	152	433	88	849	494	162	214	38	19	2
30 to 34 years old	2,829	407	148	470	96	850	411	171	210	38	13	13
35 to 39 years old	2,810	453	131	394	53	880	389	160	252	68	22	9
40 to 49 years old	3,744	771	251	413	78	1,025	550	189	303	114	28	24
50 to 59 years old	2,429	621	200	270	42	627	286	101	160	78	26	19
60 to 64 years old	755	246	67	101	5	201	60	23	31	14	3	4
65 years old and over	1,752	661	191	206	39	359	123	52	79	22	7	13

—Not available.

NOTE: Total population is civilian noninstitutional population. Data are based on a sample survey of the noninstitutional population. Although cells with fewer than 75,000

people are subject to relatively wide sampling variation, they are included in the table to permit various types of aggregations. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared April 2001.)

Table 10.—Number of persons age 18 and over who hold a bachelor’s or higher degree, by field of study, sex, race/ethnicity, and age: 1996

[Numbers in thousands]

Field of study	Total	Sex		Race/ethnicity			Age		
		Males	Females	White, non-Hispanic	Black	Hispanic	18 to 29 years old	30 to 49 years old	50 years and over
1	2	3	4	5	6	7	8	9	10
Total population, 18 and over	196,121	94,092	102,029	148,397	22,813	18,081	43,775	83,107	69,238
Number of persons with bachelor's or higher degree	40,543	21,084	19,459	34,090	2,640	1,515	6,787	21,976	11,780
Percent of population	20.7	22.4	19.1	23.0	11.6	8.4	15.5	26.4	17.0
Agriculture	484	421	63	414	18	27	51	276	156
Architecture	1,118	490	627	960	27	50	236	601	281
Business	8,019	5,241	2,778	6,726	606	286	1,333	4,790	1,897
Communications	895	452	443	773	56	39	281	514	100
Computer	913	621	292	704	91	41	172	659	83
Education	6,785	1,737	5,049	5,806	553	281	701	3,315	2,768
Engineering	2,913	2,656	256	2,452	74	61	425	1,480	1,009
Literature	1,093	315	777	955	46	46	231	491	370
Foreign language	297	79	218	246	11	18	56	126	114
Health sciences	1,611	295	1,316	1,301	108	55	339	894	378
Law	1,127	889	237	1,024	47	29	85	691	351
Liberal arts	2,030	883	1,149	1,670	139	96	404	1,011	616
Mathematics	736	479	257	612	79	23	134	394	209
Medicine and dentistry	996	731	265	794	7	72	85	559	352
Natural science	1,928	1,092	835	1,599	81	61	413	990	525
Nursing, public health	424	65	359	377	23	5	18	245	160
Philosophy	610	489	121	532	30	18	88	260	260
Pre-professional	147	66	80	101	22	21	60	51	35
Psychology	1,350	493	857	1,130	110	51	319	735	295
Social sciences	1,795	815	979	1,494	173	49	364	944	485
Other fields	5,273	2,774	2,500	4,419	342	187	988	2,947	1,338
Percentage distribution of degree holders, by field									
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	1.2	2.0	0.3	1.2	0.7	1.8	0.8	1.3	1.3
Architecture	2.8	2.3	3.2	2.8	1.0	3.3	3.5	2.7	2.4
Business	19.8	24.9	14.3	19.7	23.0	18.9	19.6	21.8	16.1
Communications	2.2	2.1	2.3	2.3	2.1	2.6	4.1	2.3	0.8
Computer	2.3	2.9	1.5	2.1	3.4	2.7	2.5	3.0	0.7
Education	16.7	8.2	25.9	17.0	20.9	18.5	10.3	15.1	23.5
Engineering	7.2	12.6	1.3	7.2	2.8	4.0	6.3	6.7	8.6
Literature	2.7	1.5	4.0	2.8	1.7	3.0	3.4	2.2	3.1
Foreign language	0.7	0.4	1.1	0.7	0.4	1.2	0.8	0.6	1.0
Health sciences	4.0	1.4	6.8	3.8	4.1	3.6	5.0	4.1	3.2
Law	2.8	4.2	1.2	3.0	1.8	1.9	1.3	3.1	3.0
Liberal arts	5.0	4.2	5.9	4.9	5.3	6.3	6.0	4.6	5.2
Mathematics	1.8	2.3	1.3	1.8	3.0	1.5	2.0	1.8	1.8
Medicine and dentistry	2.5	3.5	1.4	2.3	0.3	4.8	1.3	2.5	3.0
Natural science	4.8	5.2	4.3	4.7	3.1	4.0	6.1	4.5	4.5
Nursing, public health	1.0	0.3	1.8	1.1	0.9	0.3	0.3	1.1	1.4
Philosophy	1.5	2.3	0.6	1.6	1.1	1.2	1.3	1.2	2.2
Pre-professional	0.4	0.3	0.4	0.3	0.8	1.4	0.9	0.2	0.3
Psychology	3.3	2.3	4.4	3.3	4.2	3.4	4.7	3.3	2.5
Social sciences	4.4	3.9	5.0	4.4	6.6	3.2	5.4	4.3	4.1
Other fields	13.0	13.2	12.8	13.0	13.0	12.3	14.6	13.4	11.4

NOTE: Data are based on a sample survey of the civilian noninstitutional population. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Survey of Income and Program Participation*, unpublished data. (This table was prepared April 2001.)

Table 11.—Educational attainment of persons 18 years old and over, by state: 1990 to 2000

State	Distribution of population, 25 years old and over, by education level, 1990					Percent of population, 25 years old and over, by education level, 2000		Percent of 18- to 24-year-olds who are high school graduates ¹	
	Percent less than high school	Percent high school diploma or higher	Percent with bachelor's degree or higher			Percent with high school diploma or higher	Percent with bachelor's degree or higher	1993-95	1997-99
			Total	Bachelor's degree	Graduate or professional degree				
1	2	3	4	5	6	7	8	9	10
United States	24.8	75.2	20.3	13.1	7.2	84.1 —	25.6 —	85.3 (0.2)	85.5 (0.2)
Alabama	33.1	66.9	15.7	10.1	5.5	77.5 (1.2)	20.4 (1.2)	84.0 (1.7)	83.1 (1.6)
Alaska	13.4	86.6	23.0	15.0	8.0	90.4 (1.0)	28.1 (1.6)	90.5 (3.9)	90.8 (3.7)
Arizona	21.3	78.7	20.3	13.3	7.0	85.1 (1.0)	24.6 (1.2)	84.0 (1.8)	75.0 (1.7)
Arkansas	33.7	66.3	13.3	8.9	4.5	81.7 (1.1)	18.4 (1.1)	88.4 (2.0)	82.9 (2.2)
California	23.8	76.2	23.4	15.3	8.1	81.2 (0.5)	27.5 (0.5)	78.9 (0.7)	81.5 (0.6)
Colorado	15.6	84.4	27.0	18.0	9.0	89.7 (0.9)	34.6 (1.3)	88.4 (1.6)	83.3 (1.8)
Connecticut	20.8	79.2	27.2	16.2	11.0	88.2 (1.0)	31.6 (1.5)	94.7 (1.3)	90.1 (1.7)
Delaware	22.5	77.5	21.4	13.7	7.7	86.1 (1.3)	24.0 (1.5)	93.3 (2.8)	89.1 (3.5)
District of Columbia	26.9	73.1	33.3	16.1	17.2	83.2 (1.3)	38.3 (1.8)	87.7 (4.1)	87.2 (4.0)
Florida	25.6	74.4	18.3	12.0	6.3	84.0 (0.6)	22.8 (0.7)	80.7 (1.0)	84.8 (0.9)
Georgia	29.1	70.9	19.3	12.9	6.4	82.6 (1.0)	23.1 (1.1)	80.3 (1.4)	83.7 (1.3)
Hawaii	19.9	80.1	22.9	15.8	7.1	87.4 (1.2)	26.3 (1.6)	92.0 (2.5)	90.7 (2.5)
Idaho	20.3	79.7	17.7	12.4	5.3	86.2 (1.0)	20.0 (1.2)	86.4 (3.0)	85.5 (2.8)
Illinois	23.8	76.2	21.0	13.6	7.5	85.5 (0.6)	27.1 (0.8)	86.7 (0.9)	86.2 (0.9)
Indiana	24.4	75.6	15.6	9.2	6.4	84.6 (1.1)	17.1 (1.1)	88.5 (1.2)	88.6 (1.3)
Iowa	19.9	80.1	16.9	11.7	5.2	89.7 (0.9)	25.5 (1.3)	93.2 (1.3)	88.2 (1.9)
Kansas	18.7	81.3	21.1	14.1	7.0	88.1 (1.0)	27.3 (1.3)	90.9 (1.7)	91.6 (1.5)
Kentucky	35.4	64.6	13.6	8.1	5.5	78.7 (1.2)	20.5 (1.2)	82.4 (2.0)	86.6 (1.7)
Louisiana	31.7	68.3	16.1	10.5	5.6	80.8 (1.2)	22.5 (1.3)	80.5 (1.9)	82.1 (1.6)
Maine	21.2	78.8	18.8	12.7	6.1	89.3 (1.0)	24.1 (1.4)	92.9 (2.3)	92.9 (2.3)
Maryland	21.6	78.4	26.5	15.6	10.9	85.7 (1.2)	32.3 (1.6)	93.6 (1.1)	90.1 (1.4)
Massachusetts	20.0	80.0	27.2	16.6	10.6	85.1 (0.8)	27.3 (1.0)	92.5 (1.1)	90.1 (1.2)
Michigan	23.2	76.8	17.4	10.9	6.4	86.2 (0.7)	23.0 (0.8)	88.7 (1.0)	90.1 (0.9)
Minnesota	17.6	82.4	21.8	15.6	6.3	90.8 (0.9)	31.2 (1.3)	93.3 (1.1)	90.4 (1.3)
Mississippi	35.7	64.3	14.7	9.7	5.1	80.3 (1.2)	18.7 (1.2)	83.9 (2.1)	82.1 (2.1)
Missouri	26.1	73.9	17.8	11.7	6.1	86.6 (1.0)	26.2 (1.3)	90.3 (1.3)	91.6 (1.2)
Montana	19.0	81.0	19.8	14.1	5.7	89.6 (0.9)	23.8 (1.2)	89.8 (3.5)	91.0 (2.7)
Nebraska	18.2	81.8	18.9	13.1	5.9	90.4 (0.9)	24.6 (1.3)	94.5 (1.7)	91.5 (1.9)
Nevada	21.2	78.8	15.3	10.1	5.2	82.8 (1.2)	19.3 (1.3)	81.9 (3.4)	74.5 (3.1)
New Hampshire	17.8	82.2	24.4	16.4	7.9	88.1 (1.2)	30.1 (1.6)	86.9 (3.2)	87.3 (3.3)
New Jersey	23.3	76.7	24.9	16.0	8.8	87.3 (0.6)	30.1 (0.9)	91.8 (1.0)	90.2 (1.0)
New Mexico	24.9	75.1	20.4	12.1	8.3	82.2 (1.2)	23.6 (1.3)	82.4 (3.0)	82.7 (2.7)
New York	25.2	74.8	23.1	13.2	9.9	82.5 (0.5)	28.7 (0.6)	87.1 (0.8)	85.2 (0.8)
North Carolina	30.0	70.0	17.4	12.0	5.4	79.2 (1.0)	23.2 (1.0)	85.5 (1.3)	86.1 (1.1)
North Dakota	23.3	76.7	18.1	13.5	4.5	85.5 (1.0)	22.6 (1.2)	96.6 (2.1)	93.6 (2.8)
Ohio	24.3	75.7	17.0	11.1	5.9	87.0 (0.6)	24.6 (0.8)	88.4 (0.9)	89.3 (0.9)
Oklahoma	25.4	74.6	17.8	11.8	6.0	86.1 (0.9)	22.5 (1.1)	87.0 (1.9)	85.4 (1.9)
Oregon	18.5	81.5	20.6	13.6	7.0	88.1 (1.0)	27.2 (1.3)	82.7 (2.1)	78.5 (2.1)
Pennsylvania	25.3	74.7	17.9	11.3	6.6	85.7 (0.6)	24.3 (0.7)	89.5 (0.9)	87.6 (0.9)
Rhode Island	28.0	72.0	21.3	13.5	7.8	81.3 (1.3)	26.4 (1.5)	89.4 (3.3)	86.7 (3.3)
South Carolina	31.7	68.3	16.6	11.2	5.4	83.0 (1.2)	19.0 (1.3)	88.0 (1.6)	86.9 (1.7)
South Dakota	22.9	77.1	17.2	12.3	4.9	91.8 (0.9)	25.7 (1.3)	91.5 (3.3)	91.5 (2.8)
Tennessee	32.9	67.1	16.0	10.5	5.4	79.9 (1.2)	22.0 (1.3)	84.6 (1.5)	89.5 (1.3)
Texas	27.9	72.1	20.3	13.9	6.5	79.2 (0.6)	23.9 (0.6)	79.5 (0.9)	79.2 (0.9)
Utah	14.9	85.1	22.3	15.4	6.8	90.7 (0.9)	26.4 (1.3)	93.6 (1.5)	89.7 (1.6)
Vermont	19.2	80.8	24.3	15.4	8.9	90.0 (1.2)	28.8 (1.7)	88.1 (4.3)	95.3 (2.8)
Virginia	24.8	75.2	24.5	15.4	9.1	86.6 (1.0)	31.9 (1.3)	87.7 (1.2)	87.0 (1.3)
Washington	16.2	83.8	22.9	15.9	7.0	91.8 (0.9)	28.6 (1.5)	85.7 (1.4)	87.0 (1.3)
West Virginia	34.0	66.0	12.3	7.5	4.8	77.1 (1.2)	15.3 (1.0)	86.8 (2.4)	89.2 (2.2)
Wisconsin	21.4	78.6	17.7	12.1	5.6	86.7 (1.0)	23.8 (1.2)	93.7 (1.0)	90.6 (1.2)
Wyoming	17.0	83.0	18.8	13.1	5.7	90.0 (0.9)	20.6 (1.2)	90.8 (4.0)	87.8 (4.4)

—Not available.

¹ Excludes students still enrolled in high school. Data reflect 3-year averages.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States," various years; Decennial Census, *Minority Economic Profiles*, unpublished data; and U.S. Department of Education, National Center for Education Statistics, *Dropout Rates in the United States*, various years. (This table was prepared April 2001.)

**Table 12.—Educational attainment of persons 25 years old and over, by state and race/ethnicity:
April 1990**

State	Percent with high school diploma or higher						Percent with bachelor's degree or higher					
	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹	Total	White ¹	Black ¹	Hispanic ²	Asian/Pacific Islander ¹	American Indian or Alaskan Native ¹
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	75.2	77.9	63.1	49.8	77.5	65.5	20.3	21.5	11.4	9.2	36.6	9.3
Alabama	66.9	70.3	54.6	73.8	78.9	64.9	15.7	17.3	9.3	20.1	43.7	11.6
Alaska	86.6	91.1	88.2	80.4	75.4	63.1	23.0	26.8	14.1	14.6	20.5	4.1
Arizona	78.7	82.4	75.1	51.7	80.2	52.1	20.3	22.2	14.3	6.9	37.5	4.6
Arkansas	66.3	68.6	51.5	59.1	66.4	65.4	13.3	14.1	8.4	11.1	24.6	9.8
California	76.2	81.1	75.6	45.0	77.2	71.4	23.4	25.4	14.8	7.1	34.1	11.1
Colorado	84.4	86.1	80.8	58.3	78.3	73.9	27.0	28.3	17.1	8.6	32.1	12.1
Connecticut	79.2	80.9	67.0	53.5	81.9	68.9	27.2	28.5	12.3	12.1	50.8	12.5
Delaware	77.5	80.3	63.2	60.1	86.1	62.0	21.4	23.0	10.6	16.5	55.9	10.2
District of Columbia	73.1	93.1	63.8	52.6	80.2	66.3	33.3	69.0	15.3	24.0	50.9	17.7
Florida	74.4	77.0	56.4	57.2	77.8	68.2	18.3	19.3	9.8	14.2	33.6	11.5
Georgia	70.9	74.9	58.6	66.2	77.5	71.6	19.3	21.8	11.0	20.5	38.6	12.5
Hawaii	80.1	89.3	94.2	73.9	74.7	84.4	22.9	30.2	15.2	10.3	19.4	17.7
Idaho	79.7	80.9	82.8	43.4	80.3	68.1	17.7	18.0	15.8	6.6	27.6	7.2
Illinois	76.2	79.1	65.2	45.0	83.9	71.4	21.0	22.4	11.4	8.0	49.8	13.4
Indiana	75.6	76.5	55.4	62.6	85.8	65.0	15.6	17.6	9.3	10.8	53.1	8.4
Iowa	80.1	80.3	70.1	64.2	76.4	67.6	16.9	16.7	12.8	13.7	47.3	9.7
Kansas	81.3	82.4	71.0	58.1	73.6	75.4	21.1	21.7	11.6	10.1	39.9	10.8
Kentucky	64.6	64.7	61.7	74.0	77.9	59.8	13.6	13.9	7.7	18.9	44.2	8.0
Louisiana	68.3	74.2	53.1	67.6	68.1	49.1	16.1	18.7	9.1	16.6	31.4	5.5
Maine	78.8	78.9	87.6	83.8	74.3	69.9	18.8	18.8	22.3	23.6	44.9	7.7
Maryland	78.4	80.8	70.6	70.3	84.8	73.4	26.5	28.9	16.1	25.2	50.3	19.7
Massachusetts	80.0	81.2	70.0	52.0	74.1	71.1	27.2	27.7	17.0	13.6	44.9	14.9
Michigan	76.8	78.6	64.9	60.9	83.3	67.8	17.4	18.1	10.1	11.6	54.1	7.6
Minnesota	82.4	82.8	76.2	71.1	69.7	68.2	21.8	21.9	17.5	17.2	33.5	7.7
Mississippi	64.3	71.7	47.3	67.7	68.2	57.4	14.7	17.2	8.8	17.1	35.1	8.1
Missouri	73.9	74.9	65.1	71.0	81.5	65.1	17.8	18.3	11.2	18.0	47.3	11.0
Montana	81.0	81.7	80.9	66.4	78.5	68.1	19.8	20.3	18.4	10.9	32.1	7.9
Nebraska	81.8	82.4	73.2	60.0	80.0	69.0	18.9	19.2	12.4	9.4	39.5	8.8
Nevada	78.8	80.9	70.8	53.7	74.1	69.8	15.3	15.9	9.0	7.0	21.9	8.0
New Hampshire	82.2	82.2	86.1	78.2	82.7	65.9	24.4	24.2	25.7	25.5	26.1	16.0
New Jersey	76.7	78.6	67.0	53.9	86.8	66.9	24.9	25.8	13.6	10.8	57.1	14.8
New Mexico	75.1	78.6	74.7	59.6	80.8	58.2	20.4	23.4	14.2	8.7	38.7	5.8
New York	76.7	78.5	64.7	50.4	72.4	65.2	23.1	25.3	12.6	9.3	38.7	13.4
North Carolina	70.0	73.1	58.1	71.0	77.9	51.5	17.4	19.3	9.5	17.9	39.3	7.9
North Dakota	76.7	76.9	95.9	75.2	83.7	64.3	18.1	18.3	17.1	15.9	37.8	8.3
Ohio	75.7	76.9	64.6	63.3	83.5	65.3	17.0	17.6	9.1	14.2	53.2	8.3
Oklahoma	74.6	75.7	70.1	55.9	76.1	68.1	17.8	18.7	12.0	10.5	34.7	10.8
Oregon	81.5	82.3	75.0	53.0	79.4	71.0	20.6	20.8	9.1	10.1	32.3	8.3
Pennsylvania	74.7	75.9	63.5	52.2	77.1	67.8	17.9	18.5	10.0	11.8	45.2	12.0
Rhode Island	72.0	73.0	65.9	46.8	59.6	64.5	21.3	21.8	12.7	8.9	30.6	8.3
South Carolina	68.3	73.6	53.3	71.8	77.4	62.5	16.6	19.8	7.6	19.8	34.4	10.9
South Dakota	77.1	77.8	82.2	71.3	74.3	62.5	17.2	17.6	24.1	13.4	33.1	6.8
Tennessee	67.1	68.2	59.4	71.5	79.3	63.1	16.0	16.7	10.2	21.9	42.6	10.5
Texas	72.1	76.2	66.1	44.6	79.1	70.9	20.3	22.6	12.0	7.3	41.3	13.9
Utah	85.1	86.2	77.0	61.0	80.7	59.3	22.3	22.7	15.9	9.1	29.4	6.4
Vermont	80.8	80.8	82.9	84.7	87.1	66.8	24.3	24.2	30.5	28.2	52.1	11.1
Virginia	75.2	78.3	60.3	70.5	82.1	70.7	24.5	27.0	11.1	22.4	40.2	14.7
Washington	83.8	85.0	81.2	56.7	77.3	72.3	22.9	23.3	15.4	11.0	30.2	9.1
West Virginia	66.0	66.0	64.7	70.3	88.8	57.9	12.3	12.2	10.9	17.6	63.3	6.5
Wisconsin	78.6	79.6	61.3	54.1	71.5	66.8	17.7	18.1	8.3	10.0	40.4	5.5
Wyoming	83.0	83.9	81.2	59.3	77.5	68.2	18.8	19.3	9.5	4.8	28.6	6.2

¹ Includes persons of Hispanic origin.² Persons of Hispanic origin may be of any race.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Decennial Census, Minority Economic Profiles, unpublished data. (This table was prepared June 1993.)

Table 13.—Educational attainment of persons 25 years old and over, for the 25 largest states, by sex: March 2000

State	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's or higher degree		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Alabama	2,790	1,270	1,520	77.5 (1.2)	78.1 (1.8)	76.9 (1.6)	20.4 (1.2)	22.1 (1.8)	19.0 (1.5)
Arizona	2,996	1,416	1,580	85.1 (1.0)	84.5 (1.5)	85.6 (1.4)	24.6 (1.2)	26.9 (1.9)	22.6 (1.6)
California	20,983	10,123	10,860	81.2 (0.5)	81.7 (0.7)	80.7 (0.7)	27.5 (0.5)	29.7 (0.8)	25.3 (0.7)
Colorado	2,640	1,325	1,315	89.7 (0.9)	88.5 (1.3)	90.9 (1.2)	34.6 (1.3)	35.0 (1.9)	34.2 (1.9)
Florida	10,156	4,844	5,311	84.0 (0.6)	83.7 (0.9)	84.2 (0.8)	22.8 (0.7)	25.4 (1.0)	20.4 (0.9)
Georgia	5,024	2,390	2,634	82.6 (1.0)	82.8 (1.5)	82.4 (1.4)	23.1 (1.1)	25.1 (1.6)	21.2 (1.5)
Illinois	7,513	3,581	3,932	85.5 (0.6)	85.6 (0.9)	85.5 (0.9)	27.1 (0.8)	29.2 (1.2)	25.1 (1.0)
Indiana	3,893	1,879	2,014	84.6 (1.1)	83.8 (1.6)	85.4 (1.5)	17.1 (1.1)	17.7 (1.6)	16.6 (1.5)
Kentucky	2,543	1,213	1,331	78.7 (1.2)	76.4 (1.8)	80.9 (1.6)	20.5 (1.2)	23.5 (1.8)	17.8 (1.6)
Louisiana	2,641	1,193	1,448	80.8 (1.2)	80.9 (1.8)	80.7 (1.6)	22.5 (1.3)	24.3 (1.9)	21.0 (1.6)
Maryland	3,417	1,598	1,819	85.7 (1.2)	85.8 (1.7)	85.6 (1.6)	32.3 (1.6)	34.7 (2.3)	30.1 (2.1)
Massachusetts	4,075	1,945	2,131	85.1 (0.8)	85.1 (1.2)	85.0 (1.1)	32.7 (1.0)	36.5 (1.6)	29.2 (1.4)
Michigan	6,262	3,033	3,229	86.2 (0.7)	86.0 (1.0)	86.4 (0.9)	23.0 (0.8)	25.8 (1.2)	20.4 (1.1)
Minnesota	2,997	1,462	1,535	90.8 (0.9)	89.4 (1.3)	92.2 (1.1)	31.2 (1.3)	33.2 (1.9)	29.2 (1.9)
Missouri	3,500	1,702	1,797	86.6 (1.0)	86.3 (1.5)	86.8 (1.5)	26.2 (1.3)	26.7 (1.9)	25.7 (1.9)
New Jersey	5,380	2,508	2,872	87.3 (0.6)	88.9 (0.9)	85.9 (0.9)	30.1 (0.9)	33.3 (1.3)	27.2 (1.2)
New York	12,009	5,471	6,538	82.5 (0.5)	84.0 (0.7)	81.3 (0.7)	28.7 (0.6)	31.7 (1.0)	26.2 (0.9)
North Carolina	4,936	2,378	2,558	79.2 (1.0)	79.6 (1.3)	78.8 (1.3)	23.2 (1.0)	23.3 (1.4)	23.2 (1.4)
Ohio	7,240	3,426	3,815	87.0 (0.6)	86.5 (0.9)	87.3 (0.9)	24.6 (0.8)	27.1 (1.2)	22.4 (1.0)
Pennsylvania	7,788	3,608	4,181	85.7 (0.6)	85.4 (0.9)	86.0 (0.8)	24.3 (0.7)	27.8 (1.2)	21.2 (1.0)
Tennessee	3,579	1,739	1,840	79.9 (1.2)	79.9 (1.8)	79.9 (1.7)	22.0 (1.3)	23.8 (1.9)	20.3 (1.7)
Texas	12,484	6,041	6,443	79.2 (0.6)	79.7 (0.9)	78.7 (0.9)	23.9 (0.6)	26.0 (0.9)	22.0 (0.9)
Virginia	4,568	2,208	2,360	86.6 (1.0)	86.1 (1.4)	87.0 (1.3)	31.9 (1.3)	34.5 (1.9)	29.4 (1.8)
Washington	3,687	1,770	1,918	91.8 (0.9)	92.0 (1.3)	91.6 (1.3)	28.6 (1.5)	32.1 (2.2)	25.3 (2.0)
Wisconsin	3,352	1,676	1,677	86.7 (1.0)	85.6 (1.5)	87.8 (1.3)	23.8 (1.2)	26.2 (1.8)	21.4 (1.7)

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2000." (This table was prepared April 2001.)

Table 14.—Educational attainment of persons 25 years old and over, for the 15 largest metropolitan areas, by sex: March 2000

Metropolitan area	Number of persons 25 years old and over (in thousands)			Percent high school completion or higher			Percent completed bachelor's or higher degree		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
Atlanta, GA, MSA	2,620	1,257	1,363	89.0 (1.2)	89.4 (1.7)	88.7 (1.6)	31.4 (1.8)	35.0 (2.6)	28.1 (2.4)
Boston-Worcester-Lawrence, MA/NH/ME/CT, CMSA	3,823	1,851	1,972	85.3 (0.8)	85.4 (1.2)	85.2 (1.2)	34.4 (1.1)	37.7 (1.6)	31.2 (1.5)
Chicago-Gary-Kenosha, IL/IN/WI, CMSA	5,274	2,522	2,751	85.2 (0.8)	84.8 (1.2)	85.6 (1.1)	30.7 (1.0)	32.6 (1.5)	28.9 (1.4)
Cleveland-Akron, OH, CMSA	2,020	935	1,085	89.6 (1.0)	90.3 (1.5)	89.0 (1.5)	28.7 (1.6)	33.0 (2.4)	24.9 (2.0)
Dallas-Fort Worth, TX, CMSA	3,251	1,592	1,659	85.6 (1.1)	84.9 (1.6)	86.2 (1.5)	30.7 (1.4)	32.3 (2.1)	29.2 (1.9)
Detroit-Ann Arbor-Flint, MI, CMSA	3,623	1,757	1,866	85.4 (0.9)	86.0 (1.2)	84.7 (1.3)	26.2 (1.1)	30.6 (1.6)	22.1 (1.5)
Houston-Galveston-Brazoria, TX, CMSA	2,786	1,373	1,413	79.1 (1.5)	79.1 (2.0)	79.1 (2.0)	25.7 (1.5)	28.0 (2.2)	23.4 (2.1)
Los Angeles-Riverside-Orange County, CA, CMSA	9,754	4,737	5,017	77.9 (0.7)	78.7 (0.9)	77.1 (0.9)	25.6 (0.7)	28.7 (1.0)	22.6 (0.9)
Miami-Fort Lauderdale, FL, CMSA	2,495	1,186	1,309	81.7 (1.2)	80.8 (1.7)	82.6 (1.6)	25.1 (1.3)	28.3 (1.9)	22.1 (1.7)
New York-Northern New Jersey-Long Island, NY/NJ/CT/PA, CMSA	13,406	6,113	7,293	83.4 (0.4)	85.1 (0.6)	81.9 (0.6)	32.6 (0.5)	35.9 (0.9)	29.7 (0.7)
Philadelphia-Wilmington-Atlantic City, PA/NJ/DE/MD, CMSA	4,015	1,850	2,165	86.4 (0.8)	86.2 (1.2)	86.5 (1.0)	27.8 (1.0)	32.4 (1.5)	23.9 (1.3)
Pittsburgh, PA, MSA	1,537	694	843	87.5 (1.3)	87.3 (1.9)	87.6 (1.7)	24.2 (1.6)	28.1 (2.6)	20.9 (2.1)
St. Louis, MO/IL, MSA	1,683	811	873	85.5 (1.6)	84.5 (2.3)	86.5 (2.1)	24.5 (1.9)	26.3 (2.8)	22.8 (2.6)
San Francisco-Oakland-San Jose, CA, CMSA	4,759	2,318	2,440	88.9 (0.9)	89.1 (1.2)	88.6 (1.2)	37.3 (1.3)	38.4 (1.8)	36.2 (1.8)
Washington-Baltimore, DC/MD/VA/WV, CMSA	4,938	2,381	2,557	87.8 (0.7)	88.8 (1.0)	86.9 (1.0)	37.2 (1.1)	40.6 (1.6)	34.0 (1.5)

CMSA=Consolidated Metropolitan Statistical Area.
MSA=Metropolitan Statistical Area.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Educational Attainment in the United States: March 2000." (This table was prepared April 2001.)

Table 15.—Estimates of resident population, by age group: July 1, 1970 to July 1, 2000

[In thousands]

Year	Total, all ages	Total, 3 to 34 years	3 and 4 years	5 and 6 years	7 to 13 years	14 to 17 years	18 and 19 years	20 and 21 years	22 to 24 years	25 to 29 years	30 to 34 years
1	2	3	4	5	6	7	8	9	10	11	12
1970	203,984	108,653	6,962	7,703	28,969	15,921	7,410	6,850	9,728	13,604	11,505
1971	206,827	110,482	6,805	7,344	28,892	16,326	7,644	7,106	10,596	13,927	11,842
1972	209,284	112,287	6,789	7,051	28,628	16,637	7,854	7,447	10,418	15,142	12,321
1973	211,357	113,954	6,938	6,888	28,159	16,864	8,044	7,658	10,615	15,694	13,094
1974	213,342	115,641	7,117	6,864	27,599	17,033	8,196	7,893	10,864	16,428	13,644
1975	215,465	117,006	6,912	7,014	26,904	17,125	8,418	8,089	11,228	17,183	14,131
1976	217,563	118,073	6,437	7,194	26,321	17,117	8,604	8,240	11,554	18,177	14,428
1977	219,760	118,853	6,190	6,978	25,878	17,042	8,613	8,456	11,856	18,180	15,661
1978	222,095	119,414	6,208	6,499	25,593	16,944	8,617	8,628	12,120	18,585	16,218
1979	224,567	120,126	6,252	6,256	25,174	16,610	8,698	8,653	12,443	19,077	16,961
1980	227,225	121,132	6,366	6,291	24,800	16,143	8,718	8,669	12,716	19,686	17,743
1981	229,466	121,999	6,535	6,315	24,396	15,609	8,582	8,759	12,903	20,169	18,731
1982	231,664	121,823	6,658	6,407	24,121	15,057	8,480	8,768	12,914	20,704	18,714
1983	233,792	122,302	6,877	6,572	23,709	14,740	8,290	8,652	12,981	21,414	19,067
1984	235,825	122,254	7,045	6,694	23,367	14,725	7,932	8,567	12,962	21,459	19,503
1985	237,924	122,512	7,134	6,916	22,976	14,888	7,637	8,370	12,895	21,671	20,025
1986	240,133	122,688	7,187	7,086	22,992	14,824	7,483	8,024	12,720	21,893	20,479
1987	242,289	122,672	7,132	7,178	23,325	14,502	7,502	7,742	12,450	21,857	20,984
1988	244,499	122,713	7,176	7,238	23,791	14,023	7,701	7,606	12,048	21,739	21,391
1989	246,819	122,655	7,315	7,184	24,228	13,536	7,898	7,651	11,607	21,560	21,676
1990	249,464	122,663	7,355	7,239	24,763	13,322	7,700	7,884	11,250	21,236	21,912
1991	252,153	122,569	7,425	7,370	25,100	13,452	7,196	8,019	11,137	20,713	22,157
1992	255,030	122,579	7,577	7,404	25,539	13,703	6,929	7,778	11,269	20,140	22,240
1993	257,783	122,704	7,832	7,485	25,898	13,953	6,955	7,308	11,477	19,570	22,227
1994	260,327	122,855	8,014	7,639	26,074	14,492	7,007	7,039	11,350	19,107	22,133
1995	262,803	122,924	8,014	7,890	26,305	14,828	7,130	7,064	10,918	18,905	21,870
1996	265,229	122,816	7,911	8,070	26,534	15,213	7,335	7,112	10,396	18,933	21,313
1997	267,784	122,830	7,787	8,073	26,933	15,499	7,492	7,252	10,237	18,820	20,739
1998	270,248	122,830	7,696	7,972	27,424	15,518	7,798	7,451	10,227	18,575	20,168
1999	272,691	122,812	7,607	7,838	27,765	15,654	7,986	7,603	10,423	18,209	19,727
2000	275,130	122,952	7,569	7,740	28,013	15,725	8,067	7,907	10,567	17,817	19,547

NOTE: Detail may not sum to totals due to rounding.

Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1999, PPL-91R; and unpublished data. (This table was prepared April 2001.)

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, 1095; U.S. Population**Table 16.—Estimates of school-age resident population, by race and sex: July 1, 1970 to July 1, 2000**

[In thousands]

Year	Total			White			Black			Other races		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10	11	12	13
1970	52,593	26,793	25,801	44,783	22,877	21,906	7,108	3,561	3,547	703	355	349
1971	52,562	26,780	25,782	44,644	22,809	21,834	7,182	3,600	3,583	737	371	365
1972	52,316	26,658	25,658	44,336	22,655	21,681	7,211	3,615	3,596	768	388	380
1973	51,910	26,456	25,455	43,898	22,434	21,464	7,213	3,617	3,596	799	405	394
1974	51,498	26,249	25,249	43,454	22,210	21,244	7,213	3,618	3,596	830	420	409
1975	51,044	26,022	25,022	42,950	21,956	20,994	7,199	3,611	3,588	895	456	440
1976	50,633	25,822	24,811	42,477	21,721	20,755	7,208	3,617	3,591	948	483	465
1977	49,897	25,456	24,441	41,737	21,350	20,386	7,167	3,600	3,568	994	506	487
1978	49,038	25,024	24,013	40,883	20,919	19,964	7,116	3,576	3,540	1,039	530	509
1979	48,041	24,524	23,517	39,910	20,427	19,484	7,037	3,538	3,498	1,094	560	536
1980	47,232	24,135	23,097	39,002	19,982	19,020	6,989	3,520	3,469	1,241	633	608
1981	46,319	23,676	22,643	38,105	19,527	18,578	6,872	3,474	3,398	1,342	675	667
1982	45,585	23,309	22,276	37,365	19,153	18,212	6,826	3,442	3,384	1,394	714	680
1983	45,020	23,031	21,989	36,800	18,873	17,927	6,762	3,412	3,350	1,458	746	712
1984	44,788	22,920	21,868	36,509	18,731	17,778	6,743	3,404	3,339	1,536	785	751
1985	44,782	22,927	21,855	36,393	18,679	17,714	6,729	3,400	3,329	1,660	848	812
1986	44,903	22,996	21,907	36,408	18,701	17,707	6,802	3,438	3,364	1,693	857	836
1987	45,005	23,056	21,949	36,361	18,674	17,687	6,841	3,460	3,381	1,803	922	881
1988	45,051	23,086	21,965	36,279	18,637	17,642	6,881	3,482	3,399	1,891	967	924
1989	44,947	23,036	21,911	36,122	18,550	17,572	6,867	3,475	3,392	1,958	1,011	947
1990	45,325	23,235	22,090	36,326	18,671	17,655	6,923	3,505	3,418	2,075	1,059	1,016
1991	45,922	23,545	22,377	36,758	18,895	17,863	7,018	3,555	3,463	2,146	1,095	1,051
1992	46,646	23,919	22,727	37,274	19,160	18,113	7,150	3,625	3,525	2,222	1,134	1,089
1993	47,371	24,290	23,081	37,768	19,413	18,356	7,295	3,700	3,595	2,308	1,177	1,131
1994	48,205	24,718	23,487	38,344	19,707	18,637	7,471	3,792	3,679	2,390	1,220	1,171
1995	49,023	25,138	23,884	38,920	20,001	18,919	7,622	3,871	3,751	2,481	1,266	1,214
1996	49,816	25,544	24,273	39,468	20,278	19,189	7,769	3,947	3,821	2,580	1,318	1,262
1997	50,505	25,892	24,612	39,941	20,515	19,427	7,891	4,011	3,879	2,673	1,366	1,307
1998	50,915	26,103	24,812	40,196	20,643	19,553	7,970	4,054	3,916	2,748	1,406	1,342
1999	51,257	26,278	24,979	40,399	20,744	19,655	8,040	4,091	3,949	2,818	1,443	1,375
2000	51,478	26,390	25,088	40,522	20,804	19,717	8,073	4,109	3,964	2,884	1,477	1,407

NOTE: School-age population includes persons 5 to 17 years of age. All columns include persons of Hispanic origin. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1092; U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990 to 1999, PPL-91R; and unpublished data. (This table was prepared April 2001.)

Table 17.—Estimated total and school-age resident populations, by state: 1970 to 2000

[In thousands]

State	1970 ¹		1980 ¹		1985 ²		1990 ¹		1995 ²		1999 ²		2000 ¹	
	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds	Total, all ages	5- to 17- year- olds
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States³	203,302	52,540	226,546	47,407	237,924	44,782	248,765	45,178	262,803	49,023	272,691	51,257	281,422	53,118
Alabama	3,444	934	3,894	866	3,973	798	4,040	774	4,263	783	4,370	775	4,447	827
Alaska	303	88	402	92	532	112	550	117	601	134	620	147	627	143
Arizona	1,775	486	2,718	578	3,184	601	3,665	686	4,307	825	4,778	949	5,131	985
Arkansas	1,923	498	2,286	496	2,327	461	2,351	455	2,480	479	2,551	483	2,673	499
California	19,971	4,999	23,668	4,681	26,441	4,752	29,786	5,344	31,494	5,975	33,145	6,424	33,872	6,763
Colorado	2,210	589	2,890	592	3,209	599	3,294	607	3,738	709	4,056	777	4,301	803
Connecticut	3,032	768	3,108	638	3,201	549	3,287	520	3,265	565	3,282	610	3,406	618
Delaware	548	148	594	125	618	113	666	114	718	125	754	132	784	143
District of Columbia	757	164	638	109	635	88	607	80	551	75	519	68	572	82
Florida	6,791	1,609	9,746	1,789	11,351	1,792	12,938	2,011	14,185	2,392	15,111	2,618	15,982	2,701
Georgia	4,588	1,223	5,463	1,231	5,963	1,195	6,478	1,230	7,189	1,370	7,788	1,477	8,186	1,574
Hawaii	770	204	965	198	1,040	194	1,108	196	1,180	212	1,185	209	1,212	218
Idaho	713	200	944	213	994	223	1,007	228	1,165	255	1,252	258	1,294	271
Illinois	11,110	2,859	11,427	2,401	11,400	2,192	11,431	2,095	11,885	2,208	12,128	2,304	12,419	2,369
Indiana	5,195	1,386	5,490	1,200	5,459	1,087	5,544	1,056	5,792	1,079	5,943	1,115	6,080	1,151
Iowa	2,825	743	2,914	604	2,830	543	2,777	525	2,841	539	2,869	537	2,926	545
Kansas	2,249	573	2,364	468	2,427	452	2,478	472	2,587	506	2,654	515	2,688	524
Kentucky	3,221	844	3,661	800	3,695	745	3,687	703	3,855	710	3,961	706	4,042	729
Louisiana	3,645	1,041	4,206	969	4,408	937	4,222	891	4,328	898	4,372	876	4,469	902
Maine	994	260	1,125	243	1,163	222	1,228	223	1,237	228	1,253	223	1,275	231
Maryland	3,924	1,038	4,217	895	4,413	788	4,781	803	5,024	904	5,172	963	5,296	1,003
Massachusetts	5,689	1,407	5,737	1,153	5,881	989	6,016	940	6,062	1,017	6,175	1,076	6,349	1,103
Michigan	8,882	2,450	9,262	2,067	9,076	1,824	9,295	1,754	9,660	1,848	9,864	1,906	9,938	1,924
Minnesota	3,806	1,051	4,076	865	4,184	796	4,376	829	4,605	920	4,776	950	4,919	957
Mississippi	2,217	635	2,521	599	2,588	576	2,575	550	2,691	552	2,769	550	2,845	571
Missouri	4,678	1,183	4,917	1,008	5,000	941	5,117	944	5,325	1,013	5,468	1,036	5,595	1,058
Montana	694	197	787	167	822	167	799	163	869	177	883	171	902	175
Nebraska	1,485	389	1,570	324	1,585	305	1,578	309	1,635	327	1,666	329	1,711	333
Nevada	489	127	800	160	951	166	1,202	204	1,526	277	1,809	348	1,998	366
New Hampshire	738	189	921	196	997	182	1,109	194	1,146	217	1,201	231	1,236	234
New Jersey	7,171	1,797	7,365	1,528	7,566	1,340	7,748	1,269	7,966	1,388	8,143	1,460	8,414	1,524
New Mexico	1,017	311	1,303	303	1,438	304	1,515	320	1,682	359	1,740	364	1,819	378
New York	18,241	4,358	17,558	3,552	17,792	3,173	17,991	3,000	18,151	3,173	18,197	3,227	18,976	3,451
North Carolina	5,084	1,323	5,882	1,254	6,254	1,175	6,632	1,147	7,185	1,283	7,651	1,407	8,049	1,425
North Dakota	618	175	653	136	677	133	639	127	642	128	634	121	642	121
Ohio	10,657	2,820	10,798	2,307	10,735	2,090	10,847	2,012	11,155	2,079	11,257	2,104	11,353	2,133
Oklahoma	2,559	640	3,025	622	3,271	635	3,146	609	3,266	645	3,358	649	3,451	656
Oregon	2,092	534	2,633	525	2,673	504	2,842	521	3,141	586	3,316	608	3,421	624
Pennsylvania	11,801	2,925	11,864	2,376	11,771	2,079	11,883	1,996	12,045	2,114	11,994	2,140	12,281	2,194
Rhode Island	950	225	947	186	969	163	1,003	159	989	170	991	179	1,048	184
South Carolina	2,591	720	3,122	703	3,303	663	3,486	662	3,700	683	3,886	702	4,012	745
South Dakota	666	187	691	147	698	139	696	144	728	153	733	148	755	152
Tennessee	3,926	1,002	4,591	972	4,715	903	4,877	882	5,241	944	5,484	974	5,689	1,024
Texas	11,199	3,002	14,229	3,137	16,273	3,318	16,986	3,437	18,680	3,789	20,044	4,080	20,852	4,262
Utah	1,059	312	1,461	350	1,643	418	1,723	457	1,977	490	2,130	497	2,233	509
Vermont	445	118	511	109	530	100	563	102	583	110	594	107	609	114
Virginia	4,651	1,197	5,347	1,114	5,715	1,039	6,189	1,060	6,601	1,154	6,873	1,214	7,079	1,276
Washington	3,413	881	4,132	826	4,400	816	4,867	893	5,431	1,029	5,756	1,096	5,894	1,120
West Virginia	1,744	442	1,950	414	1,907	383	1,793	337	1,821	319	1,807	303	1,808	301
Wisconsin	4,418	1,203	4,706	1,011	4,748	908	4,892	927	5,137	1,003	5,250	1,016	5,364	1,026
Wyoming	332	92	470	101	500	108	454	101	478	103	480	96	494	98

¹ As of April 1.² Estimates as of July 1.³ Includes Armed Forces residing in each state.SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, No. 1095 at the national level, CPH-L-74 (1990 data), SF1-P12 (2000 data); and unpublished data. (This table was prepared August 2001.)

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

Table 18.—Families, by family status and presence of own children under 18: 1970 to 2000

Family status	1970	1980	1985	1990	1994	1995	1996	1997	1998	1999	2000	Change, 1970 to 1980	Change, 1980 to 2000
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	In thousands											Percent change	
All families	51,456	59,550	62,706	66,090	68,490	69,305	69,594	70,241	70,880	71,535	72,025	15.7	20.9
Married-couple family	44,728	49,112	50,350	52,317	53,171	53,858	53,567	53,604	54,317	54,770	55,311	9.8	12.6
Without own children under 18 ..	19,196	24,151	26,140	27,780	28,113	28,617	28,647	28,521	29,048	29,703	30,062	25.8	24.5
With own children under 18	25,532	24,961	24,210	24,537	25,058	25,241	24,920	25,083	25,269	25,066	25,248	-2.2	1.1
One own child under 18	8,163	9,671	9,640	9,583	9,452	9,564	9,352	9,510	9,507	9,545	9,402	18.5	-2.8
Two own children under 18	8,045	9,488	9,456	9,784	10,188	10,358	10,278	10,152	10,241	10,040	10,274	17.9	8.3
Three or more own children under 18	9,325	5,802	5,115	5,170	5,418	5,319	5,290	5,420	5,521	5,481	5,572	-37.8	-4.0
Other family, male householder, no spouse present	1,228	1,733	2,228	2,884	2,913	3,226	3,513	3,847	3,911	3,976	4,028	41.1	132.4
Without own children under 18 ..	887	1,117	1,331	1,731	1,599	1,786	1,885	2,138	2,113	2,270	2,242	25.9	100.7
With own children under 18	341	616	896	1,153	1,314	1,440	1,628	1,709	1,798	1,706	1,786	80.6	189.9
One own child under 18	179	374	584	723	805	891	1,005	1,003	1,117	1,023	1,131	108.9	202.4
Two own children under 18	87	165	213	307	368	405	471	513	456	480	483	89.7	192.7
Three or more own children under 18	75	77	100	123	141	144	152	192	225	202	171	2.7	122.1
Other family, female householder, no spouse present	5,500	8,705	10,129	10,890	12,406	12,220	12,514	12,790	12,652	12,789	12,687	58.3	45.7
Without own children under 18 ..	2,642	3,261	4,123	4,290	4,759	4,606	4,859	4,916	4,960	4,948	5,116	23.4	56.9
With own children under 18	2,858	5,445	6,006	6,599	7,647	7,615	7,656	7,874	7,693	7,841	7,571	90.5	39.0
One own child under 18	1,008	2,398	2,885	3,225	3,566	3,633	3,683	3,821	3,739	3,763	3,777	137.9	57.5
Two own children under 18	810	1,817	1,977	2,173	2,531	2,450	2,457	2,629	2,425	2,549	2,458	124.3	35.3
Three or more own children under 18	1,040	1,230	1,144	1,202	1,550	1,531	1,514	1,423	1,529	1,529	1,336	18.3	8.6
	Percent of all families											Change in percentage points	
All families	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	(¹)	(¹)
Married-couple family	86.9	82.5	80.3	79.2	77.6	77.7	77.0	76.3	76.6	76.6	76.8	-4.5	-5.7
Without own children under 18 ..	37.3	40.6	41.7	42.0	41.0	41.3	41.2	40.6	41.0	41.5	41.7	3.3	1.2
With own children under 18	49.6	41.9	38.6	37.1	36.6	36.4	35.8	35.7	35.7	35.0	35.1	-7.7	-6.9
One own child under 18	15.9	16.2	15.4	14.5	13.8	13.8	13.4	13.5	13.4	13.3	13.1	0.4	-3.2
Two own children under 18	15.6	15.9	15.1	14.8	14.9	14.9	14.8	14.5	14.4	14.0	14.3	0.3	-1.7
Three or more own children under 18	18.1	9.7	8.2	7.8	7.9	7.7	7.6	7.7	7.8	7.7	7.7	-8.4	-2.0
Other family, male householder, no spouse present	2.4	2.9	3.6	4.4	4.3	4.7	5.0	5.5	5.5	5.6	5.6	0.5	2.7
Without own children under 18 ..	1.7	1.9	2.1	2.6	2.3	2.6	2.7	3.0	3.0	3.2	3.1	0.2	1.2
With own children under 18	0.7	1.0	1.4	1.7	1.9	2.1	2.3	2.4	2.5	2.4	2.5	0.4	1.4
One own child under 18	0.3	0.6	0.9	1.1	1.2	1.3	1.4	1.4	1.6	1.4	1.6	0.3	0.9
Two own children under 18	0.2	0.3	0.3	0.5	0.5	0.6	0.7	0.7	0.6	0.7	0.7	0.1	0.4
Three or more own children under 18	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.2	(²)	0.1
Other family, female householder, no spouse present	10.7	14.6	16.2	16.5	18.1	17.6	18.0	18.2	17.8	17.9	17.6	3.9	3.0
Without own children under 18 ..	5.1	5.5	6.6	6.5	6.9	6.6	7.0	7.0	7.0	6.9	7.1	0.3	1.6
With own children under 18	5.6	9.1	9.6	10.0	11.2	11.0	11.0	11.2	10.9	11.0	10.5	3.6	1.4
One own child under 18	2.0	4.0	4.6	4.9	5.2	5.2	5.3	5.4	5.3	5.3	5.2	2.1	1.2
Two own children under 18	1.6	3.1	3.2	3.3	3.7	3.5	3.5	3.7	3.4	3.6	3.4	1.5	0.4
Three or more own children under 18	2.0	2.1	1.8	1.8	2.3	2.2	2.2	2.0	2.2	2.1	1.9	(²)	-0.2

¹ Not applicable.² Less than .05 percent.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P-20, Household and Family Characteristics*, various years, and *America's Families and Living Arrangements*, March 1999 and 2000; and unpublished data. (This table was prepared August 2001.)

Table 19.—Characteristics of families with own children under 18, by family status and race/ethnicity: 2000
[Numbers in thousands]

Family characteristics	All races ¹					White, non-Hispanic ²					Black, non-Hispanic ²					Hispanic origin ³					
	Total	Married-couple families		Other families		Total	Married-couple families	Other families		Total	Married-couple families	Other families		Total	Married-couple families	Other families		Total	Married-couple families	Other families	
		2	3	4	5			6	7			8	9			10	11			12	13
1	72,026	55,311	4,028	12,687	53,065	43,865	2,468	6,732	8,416	4,007	682	3,727	7,560	5,133	658	1,769					
Total families with own children under 18	34,605	25,248	1,786	7,571	23,534	18,516	1,202	3,815	4,631	2,013	269	2,348	4,815	3,423	246	1,145					
Percent of all families	48.0	45.6	44.3	59.7	44.3	42.2	48.7	56.7	55.0	50.2	39.4	63.0	63.7	66.7	37.4	64.7					
Percent distribution	100.0	73.0	5.2	21.9	100.0	78.7	5.1	16.2	100.0	43.5	5.8	50.7	100.0	71.1	5.1	23.8					
Families with—																					
1 child under 18	14,310	9,402	1,131	3,777	9,801	6,931	759	2,111	2,039	815	186	1,038	1,791	1,139	141	511					
2 children under 18	13,215	10,274	483	2,458	9,308	7,744	335	1,229	1,573	722	62	789	1,694	1,276	68	350					
3 children under 18	5,062	4,030	130	902	3,297	2,858	87	352	657	315	12	330	914	695	27	192					
4 or more under 18	2,017	1,542	41	434	1,128	984	21	123	362	161	9	192	416	313	11	92					
Total own children under 18	64,874	48,921	2,670	13,283	42,463	34,798	1,759	5,906	8,998	4,038	394	4,566	9,912	7,240	402	2,270					
Average number of children per family with own children under 18	1.87	1.94	1.49	1.75	1.80	1.88	1.46	1.55	1.94	2.01	1.46	1.94	2.06	2.12	1.63	1.98					
Total families with own children under 6	14,987	11,393	706	2,887	9,872	8,148	411	1,312	1,966	818	115	1,033	2,476	1,862	152	464					
Percent of all families	20.8	20.6	17.5	22.8	18.6	18.6	16.7	19.5	23.4	20.4	16.9	27.7	32.8	36.3	23.1	26.2					
Percent distribution	100.0	76.0	4.7	19.3	100.0	82.5	4.2	13.3	100.0	41.6	5.8	52.5	100.0	75.2	6.1	18.7					
Families with—																					
1 child under 6	10,454	7,659	563	2,232	6,803	5,389	341	1,073	1,442	581	87	774	1,731	1,274	116	341					
2 children under 6	3,933	3,273	134	526	2,703	2,428	67	208	425	201	26	198	636	509	32	95					
3 or more under 6	600	462	9	129	366	332	3	31	99	36	2	61	109	78	4	27					
Total own children under 6	20,784	16,159	881	3,744	13,323	11,329	506	1,488	2,723	1,158	138	1,427	3,617	2,734	191	692					
Average number of children per family with own children under 6	1.39	1.42	1.25	1.30	1.35	1.39	1.23	1.13	1.39	1.42	1.20	1.38	1.46	1.47	1.26	1.49					
Total families with own children under 3	8,785	6,784	441	1,561	5,893	4,944	242	707	1,093	441	80	572	1,381	1,041	99	241					
Percent of all families	12.2	12.3	10.9	12.3	11.1	11.3	9.8	10.5	13.0	11.0	11.7	15.3	18.3	20.3	15.0	13.6					
Percent distribution	100.0	77.2	5.0	17.8	100.0	83.9	4.1	12.0	100.0	40.3	7.3	52.3	100.0	75.4	7.2	17.5					
Families with—																					
1 child under 3	7,756	5,955	394	1,407	5,159	4,277	216	666	967	400	75	492	1,239	943	84	212					
2 or more under 3	1,029	829	46	154	734	667	26	41	126	41	5	80	142	98	15	29					
Total own children under 3	10,202	7,954	496	1,752	6,673	5,678	291	704	1,286	517	69	700	1,691	1,272	109	310					
Average number of children per family with own children under 3	1.16	1.17	1.12	1.12	1.13	1.15	1.20	1.00	1.18	1.17	0.86	1.22	1.22	1.22	1.10	1.29					

¹ Race of family is defined as race of head of household.

² Includes persons of Hispanic origin.

³ Persons of Hispanic origin may be of any race.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P20-537, America's Families and Living Arrangements, March 2000*. (This table was prepared August 2001.)

Table 20.—Household income and poverty rates, by state: 1990 and 1997–99

State	Median household income ¹			Percent of persons below the poverty level			Poverty status of related children 5 to 17 years old							
	1990 ²	1997–99		1990 ²	1997–99		1990 ²				1998			
		Three-year moving average	Standard error		Three-year moving average	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error	Number in poverty (in thousands)	Standard error (in thousands)	Percent in poverty	Standard error
	Total			Total										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$40,230	\$39,657	\$143	13.1	12.6	0.15	7,918	225	17.7	0.49	9,167	253	17.8	0.48
Alabama	31,381	35,478	980	18.3	15.1	1.29	175	7	22.7	0.97	156	35	21.8	4.38
Alaska	52,799	51,046	1,357	9.0	8.6	1.01	15	1	12.9	0.97	13	4	9.0	2.57
Arizona	39,264	36,337	895	15.7	15.2	1.20	145	7	21.5	1.09	222	41	23.6	3.86
Arkansas	30,614	28,398	806	19.1	16.4	1.31	101	5	22.3	1.16	57	18	13.1	3.25
California	44,727	42,262	505	12.5	15.3	0.53	978	83	18.7	1.58	1,459	121	22.3	1.66
Colorado	41,291	46,950	1,067	11.7	8.6	1.00	92	4	15.4	0.67	93	25	12.5	3.32
Connecticut	52,224	47,997	1,702	6.8	8.4	1.14	51	5	9.9	1.03	82	26	13.4	3.91
Delaware	41,387	44,627	1,444	8.7	10.1	1.20	14	1	12.4	0.85	24	7	15.7	3.91
District of Columbia	36,802	35,309	941	16.9	19.7	1.65	17	1	22.5	0.97	33	7	46.0	6.63
Florida	35,853	35,081	480	12.7	13.3	0.65	362	24	18.3	1.22	474	60	20.5	2.34
Georgia	37,030	39,003	832	14.7	13.7	1.09	236	9	19.4	0.79	377	65	24.7	3.69
Hawaii	52,292	42,864	1,352	8.3	11.9	1.30	24	3	12.5	1.46	32	9	14.5	3.97
Idaho	33,998	36,023	902	13.3	13.9	1.19	37	2	16.6	0.85	50	10	17.4	3.30
Illinois	43,722	44,459	740	11.9	10.4	0.65	349	21	16.8	1.03	308	50	12.1	1.82
Indiana	36,179	40,635	1,078	10.7	8.3	1.00	141	8	13.5	0.79	140	39	12.6	3.30
Iowa	36,663	38,047	860	11.5	8.7	1.05	70	4	13.5	0.79	73	20	14.2	3.65
Kansas	40,195	37,618	1,267	11.5	10.5	1.13	64	3	13.7	0.67	59	19	13.2	3.37
Kentucky	33,293	35,226	1,109	19.0	13.8	1.25	159	7	22.9	0.97	118	29	16.7	3.81
Louisiana	30,102	33,218	1,077	23.6	18.2	1.35	270	14	30.5	1.64	244	43	29.8	4.41
Maine	36,899	36,459	866	10.8	10.4	1.23	29	3	13.2	1.22	27	9	12.0	3.71
Maryland	52,206	50,630	1,411	8.3	7.6	1.03	100	6	12.6	0.73	66	27	8.10	3.16
Massachusetts	48,700	43,697	1,307	8.9	10.9	0.83	108	11	11.6	1.16	163	32	15.0	2.77
Michigan	40,222	43,066	722	13.1	10.3	0.69	299	19	17.2	1.09	311	48	14.8	2.12
Minnesota	42,275	46,802	1,261	10.2	9.1	1.03	98	7	11.9	0.79	130	34	12.6	3.09
Mississippi	27,110	30,628	930	25.2	16.8	1.34	178	10	32.4	1.88	108	24	19.3	3.77
Missouri	36,722	40,166	1,258	13.3	11.1	1.17	161	6	17.3	0.67	136	39	14.4	3.77
Montana	31,405	31,280	776	16.1	15.9	1.28	31	1	19.4	0.79	42	8	21.2	3.69
Nebraska	36,923	37,338	1,065	11.1	11.0	1.17	42	3	13.9	0.85	54	13	14.8	3.43
Nevada	43,024	40,882	1,098	10.2	11.0	1.14	26	2	13.1	0.97	49	13	12.8	3.21
New Hampshire	54,823	44,891	1,296	6.4	8.9	1.19	14	2	7.1	1.22	34	10	13.3	3.70
New Jersey	52,041	50,234	1,012	7.6	8.5	0.66	145	15	11.5	1.16	194	36	13.2	2.26
New Mexico	33,641	31,981	1,030	20.6	20.8	1.42	77	4	24.3	1.34	101	18	23.5	3.67
New York	42,444	38,479	548	13.0	15.7	0.60	534	39	18.0	1.28	848	77	28.9	1.91
North Carolina	35,374	37,057	705	13.0	13.0	0.89	184	12	16.2	0.97	277	46	21.3	3.11
North Dakota	33,943	32,238	919	14.4	13.9	1.30	19	1	15.2	0.67	28	5	17.2	3.66
Ohio	40,324	38,970	855	12.5	11.4	0.71	338	22	16.9	1.09	339	52	16.0	2.27
Oklahoma	32,761	33,311	910	16.7	13.5	1.20	128	5	21.2	0.73	120	26	19.9	3.93
Oregon	39,340	39,768	1,208	12.4	13.1	1.28	86	4	16.8	0.79	121	29	19.4	4.15
Pennsylvania	38,970	38,938	773	11.1	10.6	0.65	290	20	14.7	1.03	382	54	18.0	2.31
Rhode Island	42,951	40,213	1,668	9.6	11.4	1.32	22	1	13.7	0.85	36	9	20.5	4.70
South Carolina	38,607	35,376	1,097	15.4	12.8	1.28	128	6	19.4	0.85	129	32	17.6	3.99
South Dakota	33,012	33,438	734	15.9	11.7	1.16	27	2	18.7	1.28	13	4	9.2	2.89
Tennessee	30,353	34,393	948	15.7	13.2	1.24	174	8	20.0	0.91	156	41	14.5	3.51
Texas	37,926	37,320	602	18.1	15.6	0.67	813	40	23.8	1.16	809	88	20.1	1.97
Utah	40,497	45,257	1,130	11.4	7.9	0.91	63	3	13.8	0.67	55	14	11.8	2.78
Vermont	41,782	39,419	1,132	9.9	9.6	1.21	12	1	12.3	1.16	13	4	12.2	3.73
Virginia	47,122	44,884	1,414	10.2	9.8	1.03	149	9	14.2	0.85	92	33	7.9	2.71
Washington	43,144	46,788	1,203	10.9	9.2	1.09	130	5	14.9	0.61	118	37	10.8	3.23
West Virginia	29,742	28,420	760	19.7	16.7	1.31	80	5	24.1	1.46	65	14	25.7	4.86
Wisconsin	41,262	43,055	1,025	10.7	8.5	1.01	120	7	13.1	0.79	109	33	11.5	3.26
Wyoming	39,581	36,039	964	11.9	11.9	1.19	14	1	13.7	0.79	13	4	13.0	3.29

¹ In 1999 dollars adjusted by the Consumer Price Index for all urban consumers.

² Based on 1989 incomes collected in the 1990 Census. Data may differ from figures derived from the Current Population Survey.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, Decennial Census, Minority Economic Profiles, unpublished data; and *Current Population Reports*, Series P-60, "Poverty in the United States," "Money Income of Households, Families, and Persons in the United States," and "Income, Poverty, and Valuation of Noncash Benefits," various years, and "Money Income in the U.S.: 1999," P60–201. (This table was prepared April 2001.)

Table 21.—Poverty status of persons, families, and children under 18, by race/ethnicity: 1959 to 1999

Year and race/ ethnicity	Number below the poverty level, in thousands						Percent below the poverty level					
	All persons	In all families			In families with female householder, no husband present		All persons	In all families			In families with female householder, no husband present	
		Total	House- holder ¹	Related children under 18	Total	Related children under 18		Total	House- holder ¹	Related children under 18	Total	Related children under 18
All races												
1959	39,490	34,562	8,320	17,208	7,014	4,145	22.4 (0.3)	20.8	18.5	26.9 (0.4)	49.4	72.2
1960	39,851	34,925	8,243	17,288	7,247	4,095	22.2 (0.3)	20.7	18.1	26.5 (0.4)	48.9	68.4
1965	33,185	28,358	6,721	14,388	7,524	4,562	17.3 (0.2)	15.8	13.9	20.7 (0.4)	46.0	64.2
1970	25,420	20,330	5,260	10,235	7,503	4,689	12.6 (0.2)	10.9	10.1	14.9 (0.3)	38.1	53.0
1975	25,877	20,789	5,450	10,882	8,846	5,597	12.3 (0.2)	10.9	9.7	16.8 (0.4)	37.5	52.7
1980	29,272	22,601	6,217	11,114	10,120	5,866	13.0 (0.2)	11.5	10.3	17.9 (0.4)	36.7	50.8
1981	31,822	24,850	6,851	12,068	11,051	6,305	14.0 (0.2)	12.5	11.2	19.5 (0.4)	38.7	52.3
1982	34,398	27,349	7,512	13,139	11,701	6,696	15.0 (0.2)	13.6	12.2	21.3 (0.4)	40.6	56.0
1983	35,303	27,933	7,647	13,427	12,072	6,747	15.2 (0.2)	13.9	12.3	21.8 (0.4)	40.2	55.4
1984	33,700	26,458	7,277	12,929	11,831	6,772	14.4 (0.2)	13.1	11.6	21.0 (0.4)	38.4	54.0
1985	33,064	25,729	7,223	12,483	11,600	6,716	14.0 (0.2)	12.6	11.4	20.1 (0.4)	37.6	53.6
1986	32,370	24,754	7,023	12,257	11,944	6,943	13.6 (0.2)	12.0	10.9	19.8 (0.4)	38.3	54.4
1987	32,221	24,725	7,005	12,275	12,148	7,074	13.4 (0.2)	12.0	10.7	19.7 (0.4)	38.1	54.7
1988	31,745	24,048	6,876	11,935	11,972	6,742	13.0 (0.2)	11.6	10.4	19.0 (0.4)	37.2	50.6
1989	31,528	24,066	6,784	12,001	11,668	6,808	12.8 (0.2)	11.5	10.3	19.0 (0.4)	35.9	51.1
1990	33,585	25,232	7,098	12,715	12,578	7,363	13.5 (0.2)	12.0	10.7	19.9 (0.4)	37.2	53.4
1991	35,708	27,143	7,712	13,658	13,824	8,065	14.2 (0.2)	12.8	11.5	21.1 (0.4)	39.7	55.5
1992	36,880	27,947	7,960	13,876	13,716	8,032	14.8 (0.2)	13.3	11.7	21.1 (0.4)	39.0	54.3
1993	39,265	29,927	8,393	14,961	14,636	8,503	15.1 (0.2)	13.6	12.3	22.0 (0.4)	38.7	53.7
1994	38,059	28,985	8,053	14,610	14,380	8,427	14.5 (0.2)	13.1	11.6	21.2 (0.4)	38.6	52.9
1995	36,425	27,501	7,532	13,999	14,205	8,364	13.8 (0.2)	12.3	10.8	20.2 (0.4)	36.5	50.3
1996	36,529	27,376	7,708	13,764	13,796	7,990	13.7 (0.2)	12.2	11.0	19.8 (0.4)	35.8	49.3
1997	35,574	26,217	7,324	13,422	13,494	7,928	13.3 (0.2)	11.6	10.3	19.2 (0.4)	35.1	49.0
1998	34,476	25,370	7,186	12,845	12,907	7,627	12.7 (0.2)	11.2	10.0	18.3 (0.4)	33.1	46.1
1999	32,258	23,396	6,676	11,510	11,607	6,602	11.8 (0.2)	10.2	9.3	16.3 (0.4)	30.4	41.9
White²												
1960	28,309	24,262	6,115	11,229	4,296	2,357	17.8 (0.3)	16.2	14.9	20.0 (0.4)	39.0	59.9
1965	22,496	18,508	4,824	8,595	4,092	2,321	13.3 (0.2)	11.7	11.1	14.4 (0.4)	35.4	52.9
1970	17,484	13,323	3,708	6,138	3,761	2,247	9.9 (0.2)	8.1	8.0	10.5 (0.3)	28.4	43.1
1975	17,770	13,799	3,838	6,748	4,577	2,813	9.7 (0.2)	8.3	7.7	12.5 (0.3)	29.4	44.2
1980	19,699	14,587	4,195	6,817	4,940	2,813	10.2 (0.2)	8.6	8.0	13.4 (0.4)	28.0	41.6
1985	22,860	17,125	4,983	7,838	5,990	3,372	11.4 (0.2)	9.9	9.1	15.6 (0.4)	29.8	45.2
1990	22,326	15,916	4,622	7,696	6,210	3,597	10.7 (0.2)	9.0	8.1	15.1 (0.4)	29.8	45.9
1991	23,747	17,268	5,022	8,316	6,806	3,941	11.3 (0.2)	9.7	8.8	16.1 (0.4)	31.5	47.1
1992	25,259	18,294	5,160	8,333	6,907	3,783	11.9 (0.2)	10.1	8.9	16.0 (0.4)	30.8	45.3
1993	26,226	18,968	5,452	9,123	7,199	4,102	12.2 (0.2)	10.5	9.4	17.0 (0.4)	31.0	45.6
1994	25,379	18,474	5,312	8,826	7,228	4,099	11.7 (0.2)	10.1	9.1	16.3 (0.4)	31.8	45.7
1995	24,423	17,593	4,994	8,474	7,047	4,051	11.2 (0.2)	9.6	8.5	15.5 (0.4)	29.7	42.5
1996	24,650	17,621	5,059	8,488	7,073	4,029	11.2 (0.2)	9.6	8.6	15.5 (0.4)	29.8	43.1
1997	24,396	17,258	4,990	8,441	7,296	4,186	11.0 (0.2)	9.3	8.4	15.4 (0.4)	30.7	44.3
1998	23,454	16,549	4,829	7,935	6,674	3,875	10.5 (0.2)	8.9	8.0	14.4 (0.4)	27.6	40.0
1999	21,922	15,141	4,377	7,123	5,891	3,266	9.8 (0.2)	8.1	7.3	12.9 (0.4)	24.7	35.5
Black²												
1959	9,927	9,112	1,860	5,022	2,416	1,475	55.1 (1.0)	54.9	48.1	65.5 (1.3)	70.6	81.6
1966	8,867	8,090	1,620	4,774	2,160	1,107	41.8 (0.9)	40.9	35.5	50.6 (1.3)	65.3	76.6
1970	7,548	6,683	1,481	3,922	3,656	2,383	33.5 (0.9)	32.2	29.5	41.5 (1.2)	58.7	67.7
1975	7,545	6,533	1,513	3,884	4,168	2,724	31.3 (0.8)	30.1	27.1	41.4 (1.2)	54.3	66.0
1980	8,579	7,190	1,826	3,906	4,984	2,944	32.5 (0.8)	31.1	28.9	42.1 (1.3)	53.4	64.8
1985	8,926	7,504	1,983	4,057	5,342	3,181	31.3 (0.8)	30.5	28.7	43.1 (1.3)	53.2	66.9
1990	9,837	8,160	2,193	4,412	6,005	3,543	31.9 (0.8)	31.0	29.3	44.2 (1.3)	50.6	64.7
1991	10,242	8,504	2,343	4,637	6,557	3,853	32.7 (0.8)	32.0	30.4	45.6 (1.3)	54.8	68.2
1992	10,827	9,134	2,435	4,850	6,799	3,967	33.4 (0.8)	32.9	30.9	46.3 (1.3)	54.0	67.1
1993	10,877	9,242	2,499	5,030	6,955	4,104	33.1 (0.8)	32.9	31.3	45.9 (1.3)	53.0	65.9
1994	10,196	8,447	2,212	4,787	6,489	3,935	30.6 (0.8)	29.6	27.3	43.3 (1.3)	50.2	63.2
1995	9,872	8,189	2,127	4,644	6,553	3,954	29.3 (0.8)	28.5	26.4	41.5 (1.3)	48.2	61.6
1996	9,694	7,993	2,206	4,411	6,123	3,619	28.4 (0.8)	27.6	26.1	39.5 (1.3)	46.4	58.2
1997	9,116	7,386	1,985	4,116	5,654	3,402	26.5 (0.8)	25.5	23.6	36.8 (1.3)	42.8	55.3
1998	9,091	7,259	1,981	4,073	5,629	3,366	26.1 (0.8)	24.7	23.4	36.4 (1.3)	42.8	54.7
1999	8,360	6,688	1,898	3,644	5,179	2,997	23.6 (0.7)	22.7	21.9	32.7 (1.3)	41.0	51.7
Hispanic origin³												
1975	2,991	2,755	627	1,619	1,053	694	26.9 (1.4)	26.3	25.1	33.1 (1.7)	57.2	68.4
1980	3,491	3,143	751	1,718	1,319	809	25.7 (1.3)	25.1	23.2	33.0 (1.6)	54.5	65.0
1985	5,236	4,605	1,074	2,512	1,983	1,247	29.0 (1.0)	28.3	25.5	39.6 (1.6)	55.7	72.4
1990	6,006	5,091	1,244	2,750	2,115	1,314	28.1 (1.0)	26.9	25.0	37.7 (1.5)	53.0	68.4
1991	6,339	5,541	1,372	2,977	2,282	1,398	28.7 (0.9)	28.2	26.5	39.8 (1.5)	52.7	68.6
1992	7,592	6,455	1,395	2,946	2,474	1,289	29.6 (0.9)	28.4	26.2	38.8 (1.5)	51.5	65.7
1993	8,126	6,876	1,625	3,666	2,837	1,673	30.6 (0.9)	29.3	27.3	39.9 (1.4)	53.2	66.1
1994	8,416	7,357	1,724	3,956	2,920	1,804	30.7 (0.9)	30.2	27.8	41.1 (1.4)	54.8	68.3
1995	8,574	7,341	1,695	3,938	3,053	1,872	30.3 (0.9)	29.2	27.0	39.3 (1.4)	52.8	65.7
1996	8,697	7,515	1,748	4,090	3,020	1,779	29.4 (0.9)	28.5	26.4	39.9 (1.4)	53.5	67.4
1997	8,308	7,198	1,721	3,865	2,911	1,758	27.1 (0.8)	26.2	24.7	36.4 (1.3)	50.9	62.8
1998	8,070	6,814	1,648	3,670	2,837	1,739	25.6 (0.8)	24.3	22.7	33.6 (1.3)	46.7	59.6
1999	7,439	6,349	1,525	3,382	2,488	1,471	22.8 (0.7)	21.7	20.2	29.9 (1.2)	40.7	52.4
Asian and Pacific Islander												
1990	858	712	—	356	132	—	12.2 (1.2)	11.3	—	17.0 (2.2)	20.7	—
1991	996	773	—	348	177	—	13.8 (1.3)	12.1	—	17.1 (2.3)	24.6	—
1992	985	787	—	352	183	—	12.7 (1.2)	11.4	—	16.0 (2.1)	25.0	—
1993	1,134	898	—	358	126	—	15.3 (1.3)	13.6	—	17.6 (2.3)	17.4	—
1994	974	776	—	308	137	—	14.6 (1.3)	13.1	—	17.9 (2.5)	23.6	—
1995	1,411	1,112	—	532	266	—	14.6 (1.2)	13.0	—	18.6 (2.1)	28.9	—
1996	1,454	1,172	—	553	300	—	14.5 (1.1)	13.2	—	19.1 (2.1)	29.5	—
1997	1,468	1,116	244	—	313	—	14.0 (1.1)	12.0	10.2	—	33.6	—
1998	1,360	1,087	270	—	373	—	12.5 (1.0)	11.4	11.0	—	33.2	—
1999	1,163	919	—	—	253	—	10.7 (1.0)	9.6	—	—	23.0	—

—Not available.

¹ Refers to the person who owns or rents (maintains) the housing unit.

² Includes persons of Hispanic origin.

³ Persons of Hispanic origin may be of any race.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, "Poverty in the United States," various years; and "Income, Poverty, and Valuation of Noncash Benefits," various years. (This table was prepared April 2001.)

NOTE: Some data have been revised from previously published figures. Standard errors appear in parentheses.

Table 22.—Average grade that the public would give the schools in their community and in the nation at large: 1974 to 2001

Year	All adults			No children in school			Public school parents			Private school parents		
	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood	Nation	Local community	Local neighborhood
1	2	3	4	5	6	7	8	9	10	11	12	13
1974	—	2.63	—	—	2.57	—	—	2.80	—	—	2.15	—
1975	—	2.38	—	—	2.31	—	—	2.49	—	—	1.81	—
1976	—	2.38	—	—	2.34	—	—	2.48	—	—	2.22	—
1977	—	2.33	—	—	2.25	—	—	2.59	—	—	2.05	—
1978	—	2.21	—	—	2.11	—	—	2.47	—	—	1.69	—
1979	—	2.21	—	—	2.15	—	—	2.38	—	—	1.88	—
1980	—	2.26	—	—	—	—	—	—	—	—	—	—
1981	1.94	2.20	—	—	2.12	—	—	2.36	—	—	1.88	—
1982	2.01	2.24	—	2.04	2.18	—	2.01	2.35	—	2.02	2.20	—
1983	1.91	2.12	—	1.92	2.10	—	1.92	2.31	—	1.82	1.89	—
1984	2.09	2.36	—	2.11	2.30	—	2.11	2.49	—	2.04	2.17	—
1985	2.14	2.39	—	2.16	2.36	—	2.20	2.44	—	1.93	2.00	—
1986	2.13	2.36	—	—	2.29	—	—	2.55	—	—	2.14	—
1987	2.18	2.44	—	2.20	2.38	—	2.22	2.61	—	2.03	2.01	—
1988	2.08	2.35	—	2.02	2.32	—	2.13	2.48	—	2.00	2.13	—
1989	2.01	2.35	—	1.99	2.27	—	2.06	2.56	—	1.93	2.12	—
1990	1.99	2.29	—	1.98	2.27	—	2.03	2.44	—	1.85	2.09	—
1991	2.00	2.36	—	—	—	—	—	—	—	—	—	—
1992	1.93	2.30	—	1.92	—	—	1.94	2.73	—	1.85	—	—
1993	1.95	2.41	—	1.97	2.40	—	1.97	2.48	—	1.80	2.11	—
1994	1.95	2.26	2.43	1.95	2.16	2.34	1.90	2.55	2.64	1.86	1.90	2.23
1995	1.97	2.28	2.47	1.98	2.25	2.43	1.93	2.41	2.56	1.81	1.85	2.09
1996	1.93	2.30	—	1.91	2.22	—	2.00	2.56	—	1.80	1.86	—
1997	1.97	2.35	—	1.99	2.27	—	2.01	2.56	—	1.99	1.87	—
1998	1.93	2.41	—	1.91	2.36	—	1.96	2.51	—	1.81	2.20	—
1999	2.02	2.44	—	2.03	2.42	—	1.97	2.56	—	—	—	—
2000	1.98	2.47	—	1.94	2.44	—	2.05	2.59	—	—	—	—
2001	2.01	2.47	—	2.00	2.42	—	2.04	2.66	—	—	—	—

—Not available.

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

NOTE: Average based on a scale where A=4, B=3, C=2, D=1, and F=0.

Table 23.—Items most frequently cited by the general public as a major problem facing the local public schools: 1970 to 2001

Problems	Percent																			
	1970	1975	1980	1985	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Lack of discipline	18	23	26	25	22	19	19	19	20	17	15	18	15	15	15	14	18	15	15	
Lack of financial support	17	14	10	9	14	12	13	13	18	22	21	13	11	13	15	12	9	18	15	
Fighting/violence/gangs	—	—	—	—	—	—	—	—	—	9	13	18	9	14	12	15	11	11	10	
Use of drugs	11	9	14	18	30	32	34	38	22	22	16	11	7	16	14	10	8	9	9	
Standards/quality of education	—	—	—	—	—	—	—	—	—	—	—	8	4	—	8	6	2	5	—	
Large schools/overcrowding	—	10	7	5	8	6	8	7	9	9	8	7	3	8	8	8	8	12	10	
Lack of respect	—	—	—	—	—	—	—	—	—	—	—	—	3	3	2	—	2	2	—	
Lack of family structure/ problems of home life	—	—	—	—	—	—	—	—	—	—	—	5	3	4	—	—	—	—	—	
Crime/vandalism	—	—	—	—	—	—	—	—	—	—	—	4	2	3	—	—	—	—	—	
Getting good teachers	12	11	6	10	9	11	7	7	11	5	5	3	2	3	3	5	4	4	6	
Parents' lack of interest	3	2	6	3	6	7	6	4	7	5	4	3	2	—	—	2	4	4	—	
Poor curriculum/standards	6	5	11	11	8	11	8	8	10	9	9	3	2	3	—	1	2	2	—	
Pupils' lack of interest/truancy	—	3	5	5	6	5	3	6	5	3	4	3	2	5	6	5	2	—	—	
Integration/segregation/ racial discrimination	17	15	10	4	4	4	4	5	5	4	4	3	2	2	—	—	—	—	—	
Management of funds/programs	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	
Moral standards	—	—	—	2	7	6	3	3	3	4	3	—	—	—	—	2	2	—	—	
Low teacher pay	—	—	—	2	5	4	4	6	4	3	3	—	—	—	—	2	2	4	—	
Teachers' lack of interest	—	—	6	4	5	3	4	4	2	2	—	—	—	—	—	—	—	—	—	
Drinking/alcoholism	—	—	2	3	6	5	4	4	2	2	—	—	—	—	—	—	—	—	—	
Lack of proper facilities	11	3	2	1	2	1	1	2	—	—	—	—	—	—	—	—	—	—	—	

—Not available.

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

Table 24.—Public opinion on the difference in education quality and funding within states: 1993 and 2001

Question	1993						2001					
	Great deal and quite a lot			Not too much	Not at all	Do not know	Great deal and quite a lot			Not too much	Not at all	Do not know
	Total	A great deal	Quite a lot				Total	A great deal	Quite a lot			
1	2	3	4	5	6	7	8	9	10	11	12	13
How much would you say the quality of the education provided by the public schools in your your state differs from school district to school district?												
National totals	62	33	29	30	1	7	59	33	26	33	2	6
No children in school	61	31	30	30	1	8	56	31	25	35	2	7
Public school parents	62	35	27	33	1	4	65	38	27	29	2	4
How much would you say the amount of money spent on the public schools in your state differs from school district to school district?												
National totals	54	28	26	33	3	10	57	28	29	28	3	12
No children in school	52	28	24	34	3	11	56	27	29	28	3	13
Public school parents	58	26	32	32	3	7	60	31	29	28	3	9
How much does the amount of money spent on a public school student's education affect the quality of his or her education?												
National totals	68	38	30	25	5	2	68	38	30	25	5	2
No children in school	67	37	30	25	6	2	65	34	31	27	6	2
Public school parents	70	40	30	25	2	3	73	44	29	23	3	1

SOURCE: *Phi Delta Kappa*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared January 2002.)

Table 25.—Percent of elementary and secondary school children whose parents are involved in school activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children in 1996 whose parents ¹ report that they—				Distribution of children, by parental reports of number of times spent helping with homework per week, 1996 ²				Percent of children in 1999 whose parents ¹ report that they—			
	At-attended a general school meeting	At-attended parent-teacher conference	At-attended a class event	Volun-tered at school	Less than once per week	1 or 2 times per week	3 or 4 times per week	5 or more times per week	Attended a general school meeting	Attende-parent-teacher conference	Attended class event	Volunteered at school
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	76.4	70.6	66.1	39.6	26.7	35.1	25.8	12.3	78.3 (0.4)	72.8 (0.4)	65.4 (0.5)	36.8 (0.4)
Sex of child												
Male	75.6	71.9	64.5	38.7	27.4	33.5	26.2	12.9	78.0 (0.6)	74.0 (0.6)	63.4 (0.6)	36.7 (0.6)
Female	77.3	69.3	67.8	40.6	25.9	36.9	25.4	11.8	78.6 (0.6)	71.5 (0.6)	67.4 (0.6)	37.0 (0.6)
Race/ethnicity of child												
White, non-Hispanic	78.5	71.2	70.9	44.5	28.2	37.0	24.8	10.1	80.5 (0.5)	73.6 (0.5)	71.6 (0.5)	42.7 (0.6)
Black, non-Hispanic	71.9	68.0	56.0	29.5	21.9	30.0	28.6	19.5	74.5 (1.1)	71.1 (1.2)	53.8 (1.3)	26.2 (1.1)
Hispanic	72.7	70.7	54.8	27.7	25.4	31.1	27.9	15.6	73.1 (1.0)	71.0 (1.0)	51.5 (1.1)	24.5 (0.9)
Other non-Hispanic	72.6	71.4	63.4	36.2	24.3	37.5	26.1	12.0	76.7 (1.8)	73.2 (1.9)	62.4 (2.0)	30.7 (1.8)
Highest education level of parents												
Less than high school	57.6	62.5	42.4	18.3	28.7	30.0	24.5	16.7	57.4 (1.7)	60.0 (1.7)	37.8 (1.6)	12.9 (1.1)
High school graduate	71.1	68.2	59.5	31.1	26.4	34.2	25.7	13.6	72.7 (0.8)	69.7 (0.9)	58.7 (0.9)	26.0 (0.8)
Some postsecondary	77.4	71.1	68.4	40.2	26.4	35.8	26.1	11.6	79.1 (0.7)	73.7 (0.7)	66.8 (0.8)	37.5 (0.8)
College graduate	86.1	75.1	75.5	52.2	25.4	38.8	25.3	10.5	87.3 (0.8)	80.3 (0.9)	75.6 (1.0)	49.7 (1.1)
Graduate/professional	87.6	75.1	81.0	56.8	27.9	35.1	26.8	10.2	88.8 (0.7)	75.9 (1.0)	78.9 (0.9)	54.3 (1.1)
Family Income												
Less than \$5,000	67.0	68.3	49.8	27.0	23.7	28.3	27.7	20.4	67.0 (2.6)	66.7 (2.6)	47.4 (2.9)	17.6 (2.0)
\$5,001 to \$10,000	63.8	67.4	49.6	24.4	26.7	32.1	27.6	13.7	66.8 (2.0)	67.6 (2.0)	50.7 (2.1)	23.3 (1.8)
\$10,001 to 15,000	67.4	66.9	60.3	29.9	26.8	36.0	22.7	14.6	67.1 (1.8)	70.0 (1.7)	49.9 (1.9)	20.4 (1.5)
\$15,001 to 20,000	69.1	67.4	55.8	26.8	27.7	33.3	23.4	15.6	71.1 (1.7)	70.4 (1.7)	55.1 (1.9)	25.3 (1.7)
\$20,001 to 25,000	69.0	68.7	58.5	29.2	25.9	34.9	26.5	12.7	70.6 (1.6)	67.0 (1.7)	53.4 (1.7)	26.2 (1.5)
\$25,001 to 30,000	72.0	69.2	61.7	33.0	28.1	34.8	27.3	9.8	74.3 (1.5)	71.6 (1.5)	59.1 (1.7)	30.9 (1.6)
\$30,001 to 35,000	79.0	69.1	68.8	41.6	27.9	35.6	24.8	11.6	79.0 (1.4)	73.8 (1.5)	67.6 (1.6)	37.9 (1.7)
\$35,001 to 40,000	78.9	72.8	69.6	41.7	24.9	37.3	27.0	10.7	79.4 (1.3)	73.7 (1.4)	68.4 (1.5)	36.1 (1.6)
\$40,001 to 50,000	80.7	73.9	72.8	45.3	27.1	35.3	25.3	12.4	81.6 (1.0)	75.1 (1.1)	72.8 (1.2)	40.1 (1.3)
\$50,001 to 75,000	83.9	72.2	75.0	49.1	25.9	37.0	26.3	10.8	84.6 (0.8)	74.8 (0.9)	72.6 (0.9)	43.8 (1.0)
Over \$75,000	88.2	73.8	79.1	57.3	28.3	36.6	25.1	9.9	88.5 (0.7)	77.3 (0.8)	79.3 (0.8)	54.9 (1.0)
Child attending public schools ³	75.3	70.6	64.8	35.4	26.6	35.9	25.4	12.1	76.8 (0.4)	71.4 (0.5)	63.5 (0.5)	33.8 (0.5)
Elementary (kindergarten to grade 8) ³	80.2	79.8	67.8	39.4	15.5	35.1	33.2	16.2	81.7 (0.5)	80.8 (0.5)	66.7 (0.6)	38.0 (0.6)
Secondary (grades 9 to 12) ³	63.2	47.7	57.5	25.5	52.0	37.7	7.7	2.5	65.7 (0.9)	50.0 (0.9)	56.2 (0.9)	24.1 (0.8)
Child attending private schools ³	90.2	82.3	82.8	66.4	27.2	28.7	29.2	14.9	91.4 (0.8)	85.0 (0.9)	81.7 (1.0)	63.8 (1.3)
Elementary (kindergarten to grade 8) ³	92.2	87.8	86.1	70.8	14.5	28.5	37.0	19.9	93.0 (0.8)	90.2 (0.8)	84.1 (1.1)	68.8 (1.4)
Secondary (grades 9 to 12) ³	85.0	67.4	73.7	54.4	57.4	29.0	10.8	2.8	85.8 (2.1)	66.7 (2.8)	73.3 (2.5)	46.3 (3.0)

¹ The respondent was the parent most knowledgeable about the child's education. The responding parent reported on their own and their spouse's or other household adults' activities. Except where noted, includes children enrolled in nursery school through grade 12.

² Includes children enrolled in grades 1 through 12.

³ Excludes home-schooled children.

NOTE: Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Household Education Survey, 1996*, unpublished data. (This table was prepared June 2001.)

Table 26.—Percent of elementary school children whose parents are involved in education-related activities, by selected child, parent, and school characteristics: 1996 and 1999

Characteristics of children, parents, and schools	Percent of children ¹ in 1996 whose parents report that they did the following things in the past month—				Percent of children ¹ in 1999 whose parents report that they did the following things in the past month—						Percent of children in 1999 whose parents involved them in the following activities during the last month ¹		
	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Visited a library	Went to a play, concert, or other live show	Visited an art gallery, museum, or historical site	Visited a zoo or aquarium	Talked about family history	Attended an event sponsored by a community, religious, or ethnic group	Told a story	Worked on arts or crafts	Worked on household chores
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	48.7	32.5	21.2	15.7	48.6 (0.7)	32.1 (0.6)	22.2 (0.6)	14.1 (0.4)	54.9 (0.7)	52.8 (0.7)	69.4 (0.6)	67.9 (0.6)	93.7 (0.3)
Sex of child													
Male	48.5	30.3	20.6	15.3	47.2 (0.9)	30.5 (0.9)	22.3 (0.8)	13.9 (0.6)	53.3 (0.9)	50.8 (0.9)	69.0 (0.9)	64.2 (0.9)	92.9 (0.5)
Female	49.0	34.7	21.8	16.0	50.1 (1.0)	33.7 (0.9)	22.2 (0.8)	14.3 (0.6)	56.6 (1.0)	54.9 (1.0)	69.7 (0.9)	71.9 (0.9)	94.6 (0.5)
Race/ethnicity of child													
White, non-Hispanic	51.7	32.2	21.0	13.3	48.9 (0.9)	33.9 (0.8)	22.3 (0.7)	12.0 (0.5)	52.7 (0.9)	54.6 (0.9)	70.9 (0.8)	72.4 (0.8)	96.1 (0.4)
Black, non-Hispanic	43.9	38.1	22.2	21.6	47.8 (1.8)	31.2 (1.6)	20.9 (1.4)	15.8 (1.2)	60.1 (1.9)	52.9 (1.9)	64.9 (1.8)	58.6 (1.8)	93.9 (0.8)
Hispanic	38.9	26.6	19.6	19.3	43.9 (1.5)	24.3 (1.2)	20.7 (1.2)	19.6 (1.1)	53.5 (1.5)	45.7 (1.5)	66.5 (1.4)	59.3 (1.5)	84.5 (1.1)
Other non-Hispanic	52.3	33.2	24.3	18.3	61.4 (2.9)	34.8 (2.9)	29.8 (2.9)	18.1 (2.0)	70.4 (2.7)	51.6 (3.0)	73.8 (2.7)	69.0 (2.6)	91.8 (1.6)
Highest education level of parents													
Less than high school	30.1	25.6	16.7	18.9	34.3 (2.3)	17.4 (1.7)	12.1 (1.5)	15.1 (1.6)	44.9 (2.5)	36.6 (2.3)	61.6 (2.4)	54.1 (2.5)	81.4 (1.8)
High school graduate	40.0	27.9	15.0	14.4	40.3 (1.4)	25.9 (1.2)	16.0 (1.0)	12.9 (0.8)	47.6 (1.4)	42.6 (1.4)	66.5 (1.3)	64.3 (1.3)	92.8 (0.7)
Some postsecondary	49.7	33.3	20.4	15.4	48.2 (1.2)	31.8 (1.1)	20.9 (0.9)	12.6 (0.7)	57.4 (1.2)	53.6 (1.2)	70.1 (1.1)	69.4 (1.1)	95.8 (0.5)
College graduate	60.1	35.8	27.3	16.3	57.4 (1.5)	40.3 (1.5)	29.0 (1.4)	15.1 (1.0)	60.2 (1.5)	64.5 (1.4)	74.1 (1.3)	73.8 (1.3)	96.0 (0.6)
Graduate/professional	65.3	41.6	32.5	16.3	62.4 (1.6)	42.4 (1.6)	34.2 (1.6)	17.5 (1.3)	62.8 (1.6)	65.3 (1.6)	72.0 (1.5)	72.7 (1.5)	95.4 (0.7)
Family Income													
Less than \$5,000	40.4	38.1	19.8	19.2	42.7 (4.3)	24.9 (3.1)	16.5 (2.7)	16.6 (2.6)	54.5 (4.1)	37.3 (3.9)	67.5 (4.1)	55.9 (4.2)	90.9 (2.0)
\$5,001 to \$10,000	37.2	27.3	16.1	17.0	43.8 (2.9)	21.0 (2.3)	17.7 (2.1)	14.5 (1.9)	49.8 (2.9)	38.8 (2.8)	69.5 (2.7)	58.4 (2.9)	89.9 (1.7)
\$10,001 to 15,000	37.3	29.6	16.8	15.6	44.8 (2.7)	24.5 (2.2)	18.2 (2.1)	15.3 (2.0)	54.7 (2.7)	45.5 (2.7)	66.7 (2.5)	61.2 (2.6)	91.9 (1.4)
\$15,001 to 20,000	41.1	25.7	13.9	16.8	43.1 (2.7)	25.8 (2.3)	13.3 (1.6)	13.8 (1.7)	49.2 (2.7)	47.2 (2.7)	62.4 (2.6)	64.1 (2.5)	91.4 (1.4)
\$20,001 to 25,000	42.3	30.8	20.9	14.9	38.6 (2.3)	26.1 (2.1)	18.6 (1.8)	14.6 (1.5)	53.0 (2.5)	47.4 (2.5)	67.6 (2.4)	63.4 (2.3)	89.8 (1.4)
\$25,001 to 30,000	43.3	27.1	17.7	16.0	45.3 (2.4)	30.4 (2.3)	20.7 (2.0)	14.4 (1.6)	53.3 (2.4)	50.1 (2.4)	70.6 (2.2)	68.7 (2.2)	94.6 (0.9)
\$30,001 to 35,000	50.5	30.0	21.3	15.9	49.3 (2.5)	31.1 (2.3)	21.6 (2.1)	11.9 (1.5)	54.7 (2.5)	53.8 (2.4)	69.3 (2.2)	66.2 (2.3)	93.1 (1.5)
\$35,001 to 40,000	56.4	32.6	17.3	13.2	52.0 (2.4)	34.5 (2.2)	23.5 (2.0)	13.1 (1.4)	57.0 (2.4)	59.2 (2.3)	72.5 (2.1)	71.4 (2.1)	96.2 (0.8)
\$40,001 to 50,000	55.1	32.7	21.1	13.2	52.1 (2.0)	32.5 (1.8)	22.5 (1.6)	13.1 (1.3)	55.8 (1.9)	58.4 (1.9)	68.9 (1.8)	72.2 (1.7)	95.6 (0.7)
\$50,001 to 75,000	55.5	33.3	25.1	13.4	51.5 (1.5)	34.6 (1.5)	23.1 (1.3)	12.2 (0.9)	53.8 (1.5)	57.5 (1.5)	70.9 (1.4)	72.5 (1.4)	96.2 (0.6)
Over \$75,000	59.6	42.6	31.4	19.0	55.5 (1.5)	44.4 (1.5)	31.7 (1.4)	15.8 (1.0)	60.8 (1.5)	62.0 (1.4)	71.4 (1.4)	74.4 (1.3)	95.4 (0.7)
Child attending public schools ²	48.3	31.7	19.9	14.7	47.5 (0.7)	30.4 (0.7)	21.0 (0.6)	13.7 (0.5)	54.4 (0.7)	51.1 (0.7)	68.7 (0.7)	67.4 (0.7)	93.6 (0.4)
Child attending private schools ²	58.2	37.2	27.8	16.9	56.6 (1.8)	44.2 (1.8)	31.2 (1.6)	17.0 (1.3)	58.5 (1.7)	64.9 (1.7)	73.9 (1.6)	71.6 (1.5)	94.6 (0.8)

¹ Includes children enrolled in nursery school through grade 5.

² Excludes nursery school and home-schooled children.

NOTE: Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, 1996 and 1999, unpublished data. (This table was prepared June 2001.)

Table 27.—Public’s level of confidence in various institutions: 1996 and 1998

Institution	Percent of respondents by levels of confidence, 1996					Percent of respondents by levels of confidence, 1998				
	A great deal	Quite a lot	Some	Very little	No opinion	A great deal	Quite a lot	Some	Very little	No opinion
1	2	3	4	5	6	7	8	9	10	11
Private higher education	18.3	38.7	28.3	7.5	7.1	—	—	—	—	—
Small businesses	15.3	40.8	32.6	7.6	3.6	25.0	31.0	34.0	9.0	1.0
Religious organizations	23.6	31.1	31.3	12.3	1.7	34.0	25.0	26.0	12.0	2.0
The military	16.9	37.0	31.0	12.1	3.1	33.0	31.0	25.0	8.0	2.0
Public higher education	15.0	36.4	34.2	11.6	2.8	—	—	—	—	—
Private elementary or secondary education	15.1	35.3	33.4	9.7	6.5	—	—	—	—	—
Youth development and recreation	14.8	35.2	32.7	11.6	5.7	—	—	—	—	—
Public elementary or secondary education	13.3	31.7	37.2	15.3	2.4	16.0	21.0	40.0	20.0	1.0
Health organizations	10.8	28.2	42.0	15.9	3.1	—	—	—	—	—
Federated charitable appeals, e.g., United Way	12.6	26.3	34.9	21.6	4.5	—	—	—	—	—
Human services organizations	9.1	28.1	42.6	15.1	5.0	—	—	—	—	—
Arts, culture, and humanities organizations	9.3	26.7	39.8	14.3	9.9	—	—	—	—	—
Recreation for adults	7.8	27.5	41.9	13.4	9.4	—	—	—	—	—
Environmental organizations	9.4	23.1	41.0	20.3	6.2	—	—	—	—	—
Private and community foundations	7.6	24.0	42.3	13.5	12.6	—	—	—	—	—
Local government	5.4	25.9	43.3	23.1	2.3	—	—	—	—	—
Public/society benefit, e.g., civil rights, social justice, community improvement organizations	7.5	22.7	43.4	20.8	5.6	—	—	—	—	—
Media, e.g., newspapers, TV, radio	6.3	22.7	39.5	29.7	1.8	—	—	—	—	—
Television news	—	—	—	—	—	15.0	19.0	40.0	24.0	1.0
Work-related organizations	6.1	21.5	47.2	17.4	7.9	—	—	—	—	—
State government	4.1	22.2	44.9	26.4	2.5	—	—	—	—	—
International/foreign, e.g., culture exchange, relief organizations	6.3	19.1	37.5	24.2	12.8	—	—	—	—	—
Organized labor	6.6	17.7	40.9	29.3	5.6	11.0	15.0	45.0	22.0	5.0
Major corporations	4.9	18.7	44.2	27.4	4.8	—	—	—	—	—
Federal government	5.2	17.5	43.9	31.1	2.2	—	—	—	—	—
Organizations that advocate a particular cause	4.0	15.7	42.7	29.5	8.1	—	—	—	—	—
Congress	3.4	12.4	41.7	39.0	3.5	10.0	18.0	48.0	20.0	2.0
Political organizations, e.g., Republican or Democratic parties	3.8	10.8	39.2	42.6	3.7	—	—	—	—	—

—Not available.

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States, 1996 and 1998*. (This table was prepared September 1998.)

NOTE: Institutions are listed in rank order as determined by the combined responses of “a great deal” and “quite a lot” of confidence for 1996.

Table 28.—Percentage of households contributing to education and other charitable organizations and average annual donation, by type of charity: 1989, 1991, 1993, and 1995

Type of charity	1989			1991			1993			1995		
	Percentage of total households ¹	Average annual contribution		Percentage of total households ¹	Average annual contribution		Percentage of total households ¹	Average annual contribution		Percentage of total households ¹	Average annual contribution	
		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household		Per contributing household	Per total household
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	75.1	\$978	\$734	72.2	\$899	\$649	73.4	\$880	\$646	68.5	\$1,017	\$696
Religious	53.2	896	477	51.3	800	410	49.2	817	402	48.0	868	417
Health	32.4	143	46	32.9	154	51	25.7	139	36	27.3	214	58
Human services	23.0	263	60	27.5	260	71	26.7	208	56	25.1	271	68
Youth development	21.6	129	28	22.1	114	25	17.9	106	19	20.9	137	29
Education	19.1	291	56	21.1	225	47	17.5	424	74	20.3	318	65
Environment	13.4	88	12	16.3	99	16	11.6	89	10	11.5	106	12
Arts, culture, and humanities	9.6	193	19	9.4	194	18	8.1	139	11	9.4	216	20
Public and societal benefit	11.2	120	13	11.2	132	15	11.2	160	18	10.3	122	13
Private and community foundations	6.4	116	7	6.0	113	7	5.3	144	8	6.1	181	11
Recreation, adults	6.2	135	8	6.3	164	10	4.6	193	9	7.0	161	11
International, foreign	4.2	202	8	3.5	198	7	2.8	(²)	(²)	6.1	283	17
Other	3.0	195	6	2.8	233	7	4.7	81	4	2.1	160	3

¹ Percents do not add to total because of respondents giving to more than one type of charity.

² Sample size too small for reliable data.

centage of total includes households who reported giving donations, but did not specify amount.

SOURCE: Independent Sector, The Gallup Organization, *Giving and Volunteering in the United States, 1989, 1991, 1993, and 1995*. (This table was prepared April 1997.)

NOTE: Details for total households do not add to totals because details only include households which reported a donation amount for the particular type of charity. The per-

Table 29.—Total expenditures of educational institutions related to the gross domestic product, by level of institution: 1929–30 to 2000–01

Year	Gross domestic product (in billions)	School year	Total expenditures for education (amounts in millions of current dollars)					
			All educational institutions		All elementary and secondary schools		All colleges and universities	
			Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product	Amount	As a percent of gross domestic product
1	2	3	4	5	6	7	8	9
1929	\$103.7	1929–30	—	—	—	—	\$632	0.6
1939	92.0	1939–40	—	—	—	—	758	0.8
1949	267.7	1949–50	\$8,911	3.3	\$6,249	2.3	2,662	1.0
1959	507.4	1959–60	23,860	4.7	16,713	3.3	7,147	1.4
1961	545.7	1961–62	28,503	5.2	19,673	3.6	8,830	1.6
1963	618.7	1963–64	34,440	5.6	22,825	3.7	11,615	1.9
1965	720.1	1965–66	43,682	6.1	28,048	3.9	15,634	2.2
1967	834.1	1967–68	55,652	6.7	35,077	4.2	20,575	2.5
1969	985.3	1969–70	68,459	6.9	43,183	4.4	25,276	2.6
1970	1,039.7	1970–71	75,741	7.3	48,200	4.6	27,541	2.6
1971	1,128.6	1971–72	80,672	7.1	50,950	4.5	29,722	2.6
1972	1,240.4	1972–73	86,875	7.0	54,952	4.4	31,923	2.6
1973	1,385.5	1973–74	95,396	6.9	60,370	4.4	35,026	2.5
1974	1,501.0	1974–75	108,664	7.2	68,846	4.6	39,818	2.7
1975	1,635.2	1975–76	118,706	7.3	75,101	4.6	43,605	2.7
1976	1,823.9	1976–77	126,417	6.9	79,194	4.3	47,223	2.6
1977	2,031.4	1977–78	137,042	6.7	86,544	4.3	50,498	2.5
1978	2,295.9	1978–79	148,308	6.5	93,012	4.1	55,296	2.4
1979	2,566.4	1979–80	165,627	6.5	103,162	4.0	62,465	2.4
1980	2,795.6	1980–81	182,849	6.5	112,325	4.0	70,524	2.5
1981	3,131.3	1981–82	197,801	6.3	120,486	3.8	77,315	2.5
1982	3,259.2	1982–83	212,081	6.5	128,725	3.9	83,356	2.6
1983	3,534.9	1983–84	228,597	6.5	139,000	3.9	89,597	2.5
1984	3,932.7	1984–85	247,657	6.3	149,400	3.8	98,257	2.5
1985	4,213.0	1985–86	269,485	6.4	161,800	3.8	107,685	2.6
1986	4,452.9	1986–87	291,974	6.6	175,200	3.9	116,774	2.6
1987	4,742.5	1987–88	313,375	6.6	187,999	4.0	125,376	2.6
1988	5,108.3	1988–89	346,883	6.8	209,377	4.1	137,506	2.7
1989	5,489.1	1989–90	381,525	7.0	230,970	4.2	150,555	2.7
1990	5,803.2	1990–91	412,652	7.1	248,930	4.3	163,722	2.8
1991	5,986.2	1991–92	432,987	7.2	261,255	4.4	171,732	2.9
1992	6,318.9	1992–93	456,070	7.2	274,335	4.3	181,735	2.9
1993	6,642.3	1993–94	477,237	7.2	287,507	4.3	189,730	2.9
1994	7,054.3	1994–95	503,925	7.1	302,400	4.3	201,525	2.9
1995	7,400.5	1995–96	529,596	7.2	318,246	4.3	211,350	2.9
1996	7,813.2	1996–97	562,451	7.2	339,151	4.3	223,300	2.9
1997	8,318.4	1997–98	596,915	7.2	361,415	4.3	235,500	2.8
1998	8,781.5	1998–99 ¹	633,459	7.2	384,059	4.4	249,400	2.8
1999	9,268.6	1999–2000 ²	669,000	7.2	404,300	4.4	264,700	2.9
2000	9,872.9	2000–01 ²	699,700	7.1	422,700	4.3	277,000	2.8

—Not available.

¹Preliminary data for elementary and secondary schools and estimates for colleges and universities.²Estimated.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of non-collegiate postsecondary institutions. Data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal

financial aid programs. Some data revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education; Financial Statistics of Institutions of Higher Education*; Common Core of Data survey; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS) "Finance" survey; and unpublished data; Bureau of Economic Analysis, *Survey of Current Business*; and National Education Association, *Estimates of School Statistics*, various years. (This table was prepared November 2001.)

**Table 30.—Total expenditures of educational institutions, by level and control of institution:
1899–1900 to 2000–01**
[In millions of dollars]

School year	In current dollars							In constant 2000–01 dollars ¹			
	Total	Elementary and secondary schools			Colleges and universities			Total	Elementary and secondary schools		Colleges and universities
		Total	Public	Private ²	Total	Public	Private		Total	Public	
1	2	3	4	5	6	7	8	9	10	11	12
1899–1900	—	—	\$215	—	—	—	—	—	—	—	—
1909–10	—	—	426	—	—	—	—	—	—	—	—
1919–20	—	—	1,036	—	—	—	—	—	—	\$9,519	—
1929–30	—	—	2,317	—	\$632	\$292	\$341	—	—	23,699	\$6,467
1939–40	—	—	2,344	—	758	392	367	—	—	29,368	9,503
1949–50	\$8,911	\$6,249	5,838	\$411	2,662	1,430	1,233	\$65,881	\$46,197	43,159	19,684
1951–52	10,735	7,861	7,344	517	2,874	1,565	1,309	71,511	52,370	48,926	19,148
1953–54	13,147	9,733	9,092	641	3,414	1,912	1,502	85,600	63,374	59,200	22,226
1955–56	15,907	11,727	10,955	772	4,180	2,348	1,832	103,604	76,380	71,351	27,225
1957–58	20,055	14,525	13,569	956	5,530	3,237	2,293	122,960	89,055	83,194	33,905
1959–60	23,860	16,713	15,613	1,100	7,147	3,904	3,244	142,183	99,594	93,039	42,590
1961–62	28,503	19,673	18,373	1,300	8,830	4,919	3,911	166,034	114,600	107,027	51,434
1963–64	34,440	22,825	21,325	1,500	11,615	6,558	5,057	195,520	129,579	121,063	65,941
1965–66	43,682	28,048	26,248	1,800	15,634	9,047	6,588	239,701	153,911	144,033	85,791
1967–68	55,652	35,077	32,977	2,100	20,575	12,750	7,824	286,527	180,597	169,785	105,930
1969–70	68,459	43,183	40,683	2,500	25,276	16,234	9,041	317,317	200,161	188,573	117,156
1970–71	75,741	48,200	45,500	2,700	27,541	18,028	9,513	333,834	212,446	200,545	121,388
1971–72	80,672	50,950	48,050	2,900	29,722	19,538	10,184	343,259	216,792	204,452	126,467
1972–73	86,875	54,952	51,852	3,100	31,923	21,144	10,779	355,334	224,764	212,085	130,570
1973–74	95,396	60,370	56,970	3,400	35,026	23,542	11,484	358,243	226,710	213,942	131,533
1974–75	108,664	68,846	64,846	4,000	39,818	26,966	12,852	367,358	232,746	219,223	134,612
1975–76	118,706	75,101	70,601	4,500	43,605	29,736	13,869	374,777	237,108	222,900	137,670
1976–77	126,417	79,194	74,194	5,000	47,223	31,997	15,226	377,131	236,253	221,337	140,878
1977–78	137,042	86,544	80,844	5,700	50,498	34,031	16,467	383,105	241,937	226,002	141,168
1978–79	148,308	93,012	86,712	6,300	55,296	37,110	18,187	379,089	237,746	221,642	141,343
1979–80	165,627	103,162	95,962	7,200	62,465	41,434	21,031	373,551	232,669	216,430	140,883
1980–81	182,849	112,325	104,125	8,200	70,524	46,559	23,965	369,587	227,038	210,464	142,548
1981–82	197,801	120,486	111,186	9,300	77,315	50,813	26,502	368,017	224,169	206,866	143,848
1982–83	212,081	128,725	118,425	10,300	83,356	54,338	29,018	378,337	229,635	211,261	148,701
1983–84	228,597	139,000	127,500	11,500	89,597	58,124	31,473	393,244	239,114	219,332	154,130
1984–85	247,657	149,400	137,000	12,400	98,257	63,705	34,553	409,984	247,324	226,797	162,659
1985–86	269,485	161,800	148,600	13,200	107,685	70,069	37,616	433,615	260,344	239,105	173,271
1986–87	291,974	175,200	160,900	14,300	116,774	74,552	42,222	459,597	275,783	253,273	183,814
1987–88	313,375	187,999	172,699	15,300	125,376	79,859	45,516	473,658	284,155	261,030	189,502
1988–89	346,883	209,377	192,977	16,400	137,506	87,107	50,398	501,160	302,498	278,804	198,662
1989–90	381,525	230,970	212,770	18,200	150,555	96,387	54,169	526,103	318,495	293,398	207,608
1990–91	412,652	248,930	229,430	19,500	163,722	104,433	59,288	539,528	325,467	299,972	214,061
1991–92	432,987	261,255	241,055	20,200	171,732	108,667	63,065	548,539	330,977	305,386	217,563
1992–93	456,070	274,335	252,935	21,400	181,735	115,169	66,566	560,282	337,020	310,731	223,261
1993–94	477,237	287,507	265,307	22,200	189,730	119,573	70,157	571,482	344,284	317,700	227,198
1994–95	503,925	302,400	279,000	23,400	201,525	127,594	73,930	586,626	352,028	324,788	234,598
1995–96	529,596	318,246	293,646	24,600	211,350	132,752	78,597	600,182	360,663	332,784	239,519
1996–97	562,451	339,151	313,151	26,000	223,300	139,600	² 83,600	619,734	373,692	345,044	246,042
1997–98 ³	596,915	361,415	334,315	27,100	235,500	146,700	88,800	646,184	391,246	361,909	254,938
1998–99 ⁴	633,459	384,059	355,859	28,200	249,400	154,000	95,400	674,075	408,684	378,676	265,391
1999–2000 ²	669,000	404,300	375,000	29,300	264,700	163,200	101,500	691,920	418,151	387,848	273,769
2000–01 ²	699,700	422,700	392,200	30,500	277,000	171,000	106,000	699,700	422,700	392,200	277,000

—Not available.

¹ Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis.

² Estimated.

³ Data for college and universities are estimated.

⁴ Preliminary data for public elementary and secondary schools and estimates for colleges and universities.

NOTE: Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of non-

collegiate postsecondary institutions. College and university education data for 1995–96 and later years are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs. Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; Common Core of Data survey; "Financial Statistics of Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS) "Finance" survey; and National Education Association, *Estimates of School Statistics*, various years. (This table was prepared November 2001.)

Table 31.—Governmental expenditures, by level of government and function: 1970–71 to 1997–98

Expenditure, by function	All governments ¹										Federal government										State and local governments ²																
	1970–71		1980–81		1990–91		1994–95		1970–71		1980–81		1990–91		1994–95		1970–71		1980–81		1990–91		1994–95		1995–96		1996–97		1997–98								
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30								
General expenditures	\$301,096	\$827,877	\$1,804,005	\$2,059,334	\$150,422	\$422,301	\$1,060,407	\$1,146,827	\$150,674	\$407,449	\$908,108	\$1,146,188	\$1,189,356	\$1,247,436	\$1,314,496																						
Selected federal programs	80,910	174,564	366,112	327,231	80,910	174,564	366,112	327,231																													
National defense and international relations	8,683	20,466	43,102	49,482	8,683	20,466	43,102	49,482																													
Postal service	3,334	5,523	13,514	13,316	3,334	5,523	13,514	13,316																													
Space research and technology	64,042	158,012	334,333	410,827	4,629	12,408	46,025	55,794	60,174	147,649	313,744	383,557	404,579	425,346	456,934																						
Education and libraries	20,446	74,643	167,681	250,356	2,220	22,395	119,135	177,874	18,226	54,121	130,402	193,110	193,480	199,973	204,640																						
Social services and income maintenance	14,835	47,378	102,817	132,463	3,630	11,277	28,207	36,392	11,205	36,101	81,110	105,946	110,813	110,322	114,024																						
Hospitals and health	2,031	5,075	27,356	31,350	1,066	16,575	23,949	27,198	945	2,333	3,407	4,152	4,156	4,252	4,422																						
Public safety	23,722	46,578	84,048	99,064	4,062	7,724	23,250	29,871	19,819	39,231	75,410	88,938	91,639	96,165	101,826																						
Police and fire protection	5,706	16,851	52,738	65,627	478	1,904	6,170	7,563	7,531	21,283	46,568	58,064	62,392	67,026	70,744																						
Correction	1,979	7,806	29,297	38,922	94	413	1,941	3,065	1,885	7,393	27,356	35,857	37,510	39,946	42,479																						
Environment and housing	13,740	43,589	74,667	75,133	10,658	38,896	48,415	44,752	5,191	13,239	28,505	33,140	34,955	37,333	39,857																						
Natural resources, parks, recreation	4,467	13,894	33,346	36,721	1,913	6,808	30,199	40,351	2,554	7,086	16,648	21,509	22,666	23,230	24,697																						
Housing and community development			31,014	38,573					4,087	14,898	31,014	38,573	39,365	41,549	41,765																						
Sewerage and sanitation																																					
Governmental administration	3,612	10,944	27,204	34,824	1,341	3,714	10,209	12,444	2,271	7,230	16,995	22,360	22,633	24,400	25,914																						
Financial administration	3,567	11,514	36,977	44,610	540	1,973	5,511	6,972	4,432	12,771	31,466	37,638	39,512	42,243	44,813																						
General control ³	21,688	97,641	247,376	290,195	16,589	80,510	195,142	233,225	5,089	17,131	52,234	56,970	58,912	62,422	64,594																						
Interest on general debt	28,334	93,389	132,424	120,641	10,245	17,151	99,526	81,297	7,265	26,983	53,250	66,355	66,744	73,217	77,829																						
Other and unallocable																																					
General expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0																						
Selected federal programs	26.9	21.1	20.3	15.9	53.8	41.3	34.5	28.5																													
National defense and international relations	2.9	2.5	2.4	2.4	5.8	4.8	4.1	4.3																													
Postal service	1.1	0.7	0.7	0.6	2.2	1.3	1.3	1.2																													
Space research and technology	21.3	19.1	18.5	19.9	3.1	2.9	4.3	4.9	39.9	36.2	34.5	33.5	34.0	34.1	34.8																						
Education and libraries	6.8	9.0	9.3	12.2	1.5	5.3	11.2	15.5	12.1	13.3	14.4	16.8	16.3	16.0	15.6																						
Social services and income maintenance	4.9	5.7	5.7	6.4	2.4	2.7	2.7	3.2	7.4	8.9	8.9	9.2	9.3	8.8	8.7																						
Public welfare	0.7	0.6	1.5	1.5	0.7	3.9	2.3	2.4	0.6	0.6	0.4	0.4	0.3	0.3	0.3																						
Hospitals and health	7.9	5.6	4.7	4.8	2.7	1.8	2.2	2.6	13.2	9.6	8.3	7.8	7.7	7.7	7.7																						
Transportation	1.9	2.0	2.9	3.2	0.3	0.5	0.6	0.7	5.0	5.2	5.1	5.1	5.2	5.4	5.4																						
Police and fire protection	0.7	0.9	1.6	1.9	0.1	0.1	0.2	0.3	1.3	1.8	3.0	3.1	3.2	3.2	3.2																						
Correction	4.6	5.3	4.1	3.6	7.1	9.2	4.6	3.9	3.4	3.2	3.1	2.9	2.9	3.0	3.0																						
Environment and housing	1.5	1.7	1.8	1.8	1.3	1.6	2.8	3.5	1.7	1.7	1.8	1.9	1.9	1.9	1.9																						
Natural resources, parks, recreation			1.7	1.9	0.0	0.0	0.0	0.0	2.7	3.7	3.4	3.4	3.3	3.3	3.2																						
Housing and community development																																					
Sewerage and sanitation																																					
Governmental administration	1.2	1.3	1.5	1.7	0.9	0.9	1.0	1.1	1.5	1.8	1.9	1.9	1.9	2.0	2.0																						
Financial administration	1.2	1.4	2.0	2.2	0.4	0.5	0.5	0.6	2.2	3.1	3.5	3.3	3.3	3.4	3.4																						
General control ³	7.2	11.8	13.7	14.1	11.0	19.1	18.4	20.3	3.4	4.2	5.8	5.0	5.0	5.0	4.9																						
Interest on general debt	9.4	11.3	7.3	5.9	6.8	4.1	9.4	7.1	4.8	6.6	5.9	5.8	5.6	5.9	5.9																						
Other and unallocable																																					

NOTE: Some data have been revised from previously published figures. Detail may not sum to totals due to rounding.

¹ Excludes duplicative intergovernmental transactions.
² General expenditures include monies paid by states to the federal government, which are excluded from direct general expenditures.
³ Includes judicial and legal expenditures and expenditures on general and public buildings and other governmental administration.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared January 2002.)

Table 32.—Direct general expenditures of state and local governments for all functions and for education, by level and state: 1997–98

[In millions]

State	Total direct general expenditures ¹	Education expenditures							
		Total	Elementary and secondary education			Colleges and universities			Other education ³
			Total	Current expenditure	Capital outlay ²	Total	Current expenditure	Capital outlay	
1	2	3	4	5	6	7	8	9	10
United States	\$1,314,496	\$450,365	\$318,065	\$281,867	\$36,198	\$112,874	\$100,284	\$12,590	\$19,426
Alabama	18,583	6,629	4,209	3,743	466	2,032	1,847	184	388
Alaska	6,763	1,532	1,158	1,048	109	316	315	1	59
Arizona	18,642	6,515	4,465	3,705	760	1,802	1,618	184	247
Arkansas	10,101	3,748	2,442	2,249	193	1,028	833	195	278
California	167,985	52,190	36,674	32,323	4,351	13,345	11,930	1,415	2,171
Colorado	18,469	6,830	4,488	3,865	623	2,167	2,005	162	175
Connecticut	18,300	5,451	4,193	3,989	204	1,010	934	76	247
Delaware	4,053	1,505	889	828	61	496	480	16	120
District of Columbia	4,454	755	690	625	65	65	62	3	—
Florida	66,491	19,659	14,789	12,840	1,950	4,149	3,538	611	721
Georgia	33,262	12,306	8,699	7,676	1,023	2,760	2,275	485	847
Hawaii	6,595	1,636	973	813	160	640	582	58	23
Idaho	5,185	1,925	1,310	1,145	165	544	460	84	70
Illinois	55,825	19,324	14,099	12,182	1,917	4,183	3,743	440	1,042
Indiana	24,559	10,234	6,649	5,869	780	3,179	2,871	308	406
Iowa	13,837	5,459	3,319	2,994	326	1,809	1,662	146	331
Kansas	11,333	4,371	2,857	2,668	189	1,372	1,239	133	143
Kentucky	16,609	5,576	3,507	3,107	400	1,671	1,461	210	397
Louisiana	19,864	6,336	4,287	3,977	310	1,697	1,563	133	353
Maine	6,130	2,029	1,537	1,455	82	413	380	34	79
Maryland	23,448	8,536	5,837	5,292	545	2,332	2,161	171	367
Massachusetts	33,916	9,816	7,457	6,790	667	1,832	1,723	109	526
Michigan	48,482	19,846	13,694	11,981	1,713	5,617	4,961	655	536
Minnesota	27,019	9,044	6,318	5,536	782	2,308	2,107	201	419
Mississippi	11,886	4,098	2,508	2,175	333	1,346	1,123	222	244
Missouri	21,918	8,015	5,633	5,080	553	2,020	1,768	252	362
Montana	4,005	1,466	997	923	74	379	344	35	90
Nebraska	7,409	2,969	1,908	1,695	214	967	872	95	93
Nevada	8,584	2,560	1,919	1,579	340	583	522	61	57
New Hampshire	5,092	1,806	1,336	1,231	104	413	375	38	58
New Jersey	44,513	16,183	12,822	11,782	1,040	2,854	2,570	284	507
New Mexico	8,777	3,108	1,885	1,638	247	1,100	990	110	122
New York	128,227	35,964	28,670	25,943	2,727	5,932	5,131	801	1,362
North Carolina	33,826	11,925	7,504	6,519	985	3,940	3,461	479	481
North Dakota	3,266	1,136	666	608	57	418	384	35	52
Ohio	50,572	18,253	12,783	11,657	1,126	4,497	3,853	643	973
Oklahoma	12,726	5,126	3,473	3,144	329	1,455	1,365	90	198
Oregon	17,021	5,878	3,845	3,526	319	1,783	1,590	193	250
Pennsylvania	57,061	20,888	15,106	13,425	1,681	4,331	3,860	470	1,452
Rhode Island	4,911	1,650	1,196	1,172	24	349	334	15	106
South Carolina	17,070	6,104	4,138	3,517	621	1,678	1,499	179	288
South Dakota	3,133	1,049	757	649	108	248	221	27	44
Tennessee	22,441	7,297	5,008	4,420	588	2,042	1,669	372	248
Texas	81,312	32,852	23,747	20,185	3,561	8,347	7,461	886	758
Utah	9,863	3,841	2,262	1,954	308	1,429	1,227	202	150
Vermont	3,010	1,171	773	709	63	321	300	21	77
Virginia	30,074	11,071	7,623	6,998	625	3,002	2,653	350	446
Washington	30,824	10,433	7,049	5,932	1,117	2,889	2,522	367	495
West Virginia	7,999	2,864	1,981	1,809	172	716	668	48	167
Wisconsin	26,151	10,398	7,246	6,294	952	2,792	2,507	285	360
Wyoming	2,918	1,008	689	605	85	278	262	16	41

¹ Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.

² Includes outlays for "other education."

³ Includes assistance and subsidies to individuals and private elementary and secondary schools, and colleges and universities, as well as miscellaneous education expenditures.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared August 2001.)

Table 33.—Direct general expenditures per capita of state and local governments for all functions and for education, by level and state: 1997–98

State	Total, all direct general expenditures per capita ¹	Education expenditures							
		Total		Elementary and secondary education		Colleges and universities		Other education ²	
		Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions	Amount per capita	As a percent of all functions
1	2	3	4	5	6	7	8	9	10
United States	\$4,864	\$1,666	34.3	\$1,177	24.2	\$418	8.6	\$72	1.5
Alabama	4,271	1,524	35.7	967	22.7	467	10.9	89	2.1
Alaska	10,992	2,491	22.7	1,882	17.1	513	4.7	96	0.9
Arizona	3,994	1,396	34.9	957	24.0	386	9.7	53	1.3
Arkansas	3,980	1,476	37.1	962	24.2	405	10.2	110	2.8
California	5,140	1,597	31.1	1,122	21.8	408	7.9	66	1.3
Colorado	4,653	1,721	37.0	1,131	24.3	546	11.7	44	0.9
Connecticut	5,592	1,666	29.8	1,281	22.9	309	5.5	76	1.4
Delaware	5,447	2,023	37.1	1,195	21.9	667	12.2	161	3.0
District of Columbia	8,541	1,448	17.0	1,323	15.5	125	1.5	—	—
Florida	4,460	1,319	29.6	992	22.2	278	6.2	48	1.1
Georgia	4,356	1,611	37.0	1,139	26.2	361	8.3	111	2.5
Hawaii	5,540	1,375	24.8	818	14.8	538	9.7	19	0.3
Idaho	4,212	1,564	37.1	1,065	25.3	442	10.5	57	1.4
Illinois	4,625	1,601	34.6	1,168	25.3	347	7.5	86	1.9
Indiana	4,157	1,732	41.7	1,125	27.1	538	12.9	69	1.7
Iowa	4,836	1,908	39.5	1,160	24.0	632	13.1	116	2.4
Kansas	4,295	1,656	38.6	1,083	25.2	520	12.1	54	1.3
Kentucky	4,222	1,417	33.6	891	21.1	425	10.1	101	2.4
Louisiana	4,553	1,452	31.9	983	21.6	389	8.5	81	1.8
Maine	4,914	1,627	33.1	1,232	25.1	331	6.7	63	1.3
Maryland	4,571	1,664	36.4	1,138	24.9	455	9.9	72	1.6
Massachusetts	5,520	1,597	28.9	1,214	22.0	298	5.4	86	1.6
Michigan	4,937	2,021	40.9	1,394	28.2	572	11.6	55	1.1
Minnesota	5,717	1,914	33.5	1,337	23.4	488	8.5	89	1.5
Mississippi	4,320	1,489	34.5	912	21.1	489	11.3	89	2.1
Missouri	4,031	1,474	36.6	1,036	25.7	372	9.2	67	1.7
Montana	4,553	1,666	36.6	1,133	24.9	430	9.5	102	2.2
Nebraska	4,461	1,787	40.1	1,149	25.8	582	13.0	56	1.3
Nevada	4,923	1,468	29.8	1,101	22.4	335	6.8	33	0.7
New Hampshire	4,294	1,523	35.5	1,126	26.2	348	8.1	49	1.1
New Jersey	5,498	1,999	36.4	1,584	28.8	353	6.4	63	1.1
New Mexico	5,063	1,793	35.4	1,088	21.5	635	12.5	70	1.4
New York	7,061	1,981	28.0	1,579	22.4	327	4.6	75	1.1
North Carolina	4,483	1,580	35.3	994	22.2	522	11.6	64	1.4
North Dakota	5,121	1,781	34.8	1,044	20.4	656	12.8	82	1.6
Ohio	4,500	1,624	36.1	1,137	25.3	400	8.9	87	1.9
Oklahoma	3,811	1,535	40.3	1,040	27.3	436	11.4	59	1.6
Oregon	5,186	1,791	34.5	1,172	22.6	543	10.5	76	1.5
Pennsylvania	4,754	1,740	36.6	1,259	26.5	361	7.6	121	2.5
Rhode Island	4,972	1,671	33.6	1,211	24.4	353	7.1	107	2.1
South Carolina	4,446	1,590	35.8	1,078	24.2	437	9.8	75	1.7
South Dakota	4,288	1,436	33.5	1,035	24.2	340	7.9	61	1.4
Tennessee	4,131	1,343	32.5	922	22.3	376	9.1	46	1.1
Texas	4,125	1,667	40.4	1,205	29.2	423	10.3	38	0.9
Utah	4,695	1,828	38.9	1,077	22.9	680	14.5	71	1.5
Vermont	5,096	1,983	38.9	1,309	25.7	543	10.7	131	2.6
Virginia	4,430	1,631	36.8	1,123	25.3	442	10.0	66	1.5
Washington	5,419	1,834	33.8	1,239	22.9	508	9.4	87	1.6
West Virginia	4,415	1,581	35.8	1,093	24.8	395	9.0	92	2.1
Wisconsin	5,008	1,991	39.8	1,387	27.7	535	10.7	69	1.4
Wyoming	6,079	2,099	34.5	1,436	23.6	578	9.5	85	1.4

—Not available.

¹Includes state and local government expenditures for education services, social services and income maintenance, transportation, public safety, environment and housing, governmental administration, interest on general debt, and other general expenditures. Includes intergovernmental expenditure to the federal government.

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

NOTE: Per capita amounts are based on population figures as of July 1, 1998, and are computed on the basis of amounts rounded to the nearest thousand. Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared September 2001.)

Table 34.—Gross domestic product, state and local expenditures, personal income, disposable personal income, median family income, and population: 1929 to 2000

Year	Gross domestic product, in billions		State and local expenditures, ¹ in millions		Personal income, in billions	Disposable personal income, in billions of chained 1996 dollars	Disposable personal income per capita		Median family income	Population in thousands	
	Current dollars	Chained 1996 dollars	All general expenditures	Education expenditures			Current dollars	Chained 1996 dollars		Annual averages of quarterly data ²	Resident population as of July 1 ³
1929	\$103.7	\$822.2	—	—	\$85.3	\$672.3	\$683	\$5,516	—	—	121,767
1933	56.4	603.3	—	—	46.9	510.7	365	4,063	—	—	125,579
1939	92.0	903.5	—	—	73.1	732.3	545	5,589	—	—	130,880
1940	101.3	980.7	\$9,229	\$2,638	78.6	781.1	581	5,912	—	—	132,122
1941	126.7	1,148.8	—	—	96.3	899.0	703	6,739	—	—	133,402
1942	161.8	1,360.0	9,190	2,586	123.8	1,012.4	880	7,507	—	—	134,860
1943	198.4	1,583.7	—	—	152.4	1,057.9	990	7,737	—	—	136,739
1944	219.7	1,714.1	8,863	2,793	166.3	1,096.1	1,072	7,920	—	—	138,397
1945	223.0	1,693.3	—	—	171.9	1,081.5	1,087	7,729	—	—	139,928
1946	222.3	1,505.5	11,028	3,356	179.5	1,074.4	1,145	7,599	—	—	141,389
1947	244.4	1,495.1	—	—	192.1	1,035.2	1,194	7,183	\$3,031	—	144,126
1948	269.6	1,560.0	17,684	5,379	211.1	1,090.0	1,307	7,433	3,187	—	146,631
1949	267.7	1,550.9	—	—	208.2	1,095.6	1,281	7,343	3,107	—	149,188
1950	294.3	1,686.6	22,787	7,177	229.9	1,192.7	1,388	7,863	3,319	—	152,271
1951	339.5	1,815.1	—	—	258.7	1,227.0	1,499	7,953	3,709	—	154,878
1952	358.6	1,887.3	26,098	8,318	276.1	1,266.8	1,552	8,071	3,890	—	157,553
1953	379.9	1,973.9	27,910	9,390	292.6	1,327.5	1,622	8,319	4,242	—	160,184
1954	381.1	1,960.5	30,701	10,557	295.2	1,344.0	1,629	8,276	4,167	—	163,026
1955	415.2	2,099.5	33,724	11,907	316.8	1,433.8	1,715	8,675	4,418	—	165,931
1956	438.0	2,141.1	36,711	13,220	340.0	1,502.3	1,800	8,930	4,780	—	168,903
1957	461.5	2,183.9	40,375	14,134	359.3	1,539.5	1,867	8,988	4,966	—	171,984
1958	467.9	2,162.8	44,851	15,919	370.0	1,553.7	1,899	8,922	5,087	—	174,882
1959	507.4	2,319.0	48,887	17,283	394.0	1,623.8	1,983	9,167	5,417	177,130	177,830
1960	527.4	2,376.7	51,876	18,719	412.7	1,664.8	2,026	9,210	5,620	180,760	180,671
1961	545.7	2,432.0	56,201	20,574	430.3	1,720.0	2,081	9,361	5,735	183,742	183,691
1962	586.5	2,578.9	60,206	22,216	457.9	1,803.5	2,174	9,666	5,956	186,590	186,538
1963	618.7	2,690.4	63,977	23,729	481.0	1,871.5	2,249	9,886	6,249	189,300	189,242
1964	664.4	2,846.5	69,302	26,286	515.8	2,006.9	2,412	10,456	6,569	191,927	191,889
1965	720.1	3,028.5	74,678	28,563	557.4	2,131.0	2,567	10,965	6,957	194,347	194,303
1966	789.3	3,227.5	82,843	33,287	606.4	2,244.6	2,742	11,417	7,532	196,599	196,560
1967	834.1	3,308.3	93,350	37,919	650.4	2,340.5	2,899	11,776	7,933	198,752	198,712
1968	911.5	3,466.1	102,411	41,158	714.5	2,448.2	3,119	12,196	8,632	200,745	200,706
1969	985.3	3,571.4	116,728	47,238	780.8	2,524.3	3,329	12,451	9,433	202,736	202,677
1970	1,039.7	3,578.0	131,332	52,718	841.1	2,630.0	3,591	12,823	9,867	205,089	205,052
1971	1,128.6	3,697.7	150,674	59,413	905.1	2,745.3	3,860	13,218	10,285	207,692	207,661
1972	1,240.4	3,898.4	168,550	65,814	994.3	2,874.3	4,138	13,692	11,116	209,924	209,896
1973	1,385.5	4,123.4	181,357	69,714	1,113.4	3,072.3	4,619	14,496	12,051	211,939	211,909
1974	1,501.0	4,099.0	198,959	75,833	1,225.6	3,051.9	5,013	14,268	12,902	213,898	213,854
1975	1,635.2	4,084.4	230,721	87,858	1,331.7	3,108.5	5,470	14,393	13,719	215,981	215,973
1976	1,823.9	4,311.7	256,731	97,216	1,475.4	3,243.5	5,960	14,873	14,958	218,086	218,035
1977	2,031.4	4,511.8	274,215	102,780	1,637.1	3,360.7	6,519	15,256	16,009	220,289	220,239
1978	2,295.9	4,760.6	296,984	110,758	1,848.3	3,527.5	7,253	15,845	17,640	222,629	222,585
1979	2,566.4	4,912.1	327,517	119,448	2,081.5	3,628.6	8,033	16,120	19,587	225,106	225,055
1980	2,795.6	4,900.9	369,086	133,211	2,323.9	3,658.0	8,869	16,063	21,023	227,726	227,225
1981	3,131.3	5,021.0	407,449	145,784	2,599.4	3,741.1	9,773	16,265	22,388	230,008	229,466
1982	3,259.2	4,919.3	436,733	154,282	2,768.4	3,791.7	10,364	16,328	23,433	232,218	231,664
1983	3,534.9	5,132.3	466,516	163,876	2,946.9	3,906.9	11,036	16,673	24,674	234,332	233,792
1984	3,932.7	5,505.2	505,008	176,108	3,274.8	4,207.6	12,215	17,799	26,433	236,394	235,825
1985	4,213.0	5,717.1	553,899	192,686	3,515.0	4,347.8	12,941	18,229	27,735	238,506	237,924
1986	4,452.9	5,912.4	605,623	210,819	3,712.4	4,486.6	13,558	18,641	29,458	240,682	240,133
1987	4,742.5	6,113.3	657,134	226,619	3,962.5	4,582.5	14,246	18,870	⁴ 30,970	242,842	242,289
1988	5,108.3	6,368.4	704,921	242,683	4,272.1	4,784.1	15,312	19,522	⁴ 32,191	245,061	244,499
1989	5,489.1	6,591.8	762,360	263,898	4,599.8	4,906.5	16,235	19,833	⁴ 34,213	247,387	246,819
1990	5,803.2	6,707.9	834,818	288,148	4,903.2	5,014.2	17,176	20,058	⁴ 35,353	249,981	249,464
1991	5,986.2	6,676.4	908,108	309,302	5,085.4	5,033.0	17,710	19,919	⁴ 35,939	252,677	252,153
1992	6,318.9	6,880.0	981,253	324,652	5,390.4	5,189.3	18,616	20,318	⁴ 36,573	255,403	255,030
1993	6,642.3	7,062.6	1,033,167	342,287	5,610.0	5,261.3	19,121	20,384	⁴ 36,959	258,107	257,783
1994	7,054.3	7,347.7	1,077,665	353,287	5,888.0	5,397.2	19,820	20,709	⁴ 38,782	260,616	260,327
1995	7,400.5	7,543.8	1,146,188	378,273	6,200.9	5,539.1	20,613	21,055	⁴ 40,611	263,073	262,803
1996	7,813.2	7,813.2	1,189,356	398,859	6,547.4	5,677.7	21,385	21,385	⁴ 42,300	265,504	265,229
1997	8,318.4	8,159.5	1,247,436	419,053	6,937.0	5,854.5	22,262	21,838	⁴ 44,568	268,087	267,784
1998	8,781.5	8,508.9	1,314,496	450,365	7,426.0	6,186.6	23,491	22,800	⁴ 46,737	270,560	270,248
1999	9,268.6	8,856.5	—	—	7,777.3	6,320.0	24,242	23,150	⁴ 48,950	272,996	272,691
2000	9,872.9	9,224.0	—	—	8,319.2	6,539.2	25,528	23,742	—	275,423	275,130

—Not available.

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

² Population of the United States including Armed Forces overseas; includes Alaska and Hawaii beginning 1960. Quarterly data are averages for the period.

³ Resident population of the United States; includes Alaska and Hawaii beginning 1958. Includes revisions based on the 1990 Census.

⁴ Revised methodology.

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

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Money Income in the United States*, Series P-60, No. 200; and Bureau of Economic Analysis, *Survey of Current Business*, and unpublished data. (This table was prepared August 2001.)

Table 35.—Gross domestic product deflator, Consumer Price Index, education price indexes, and federal budget composite deflator: 1919 to 2001

Calendar year			School year					Federal fiscal year	
Year	Gross domestic product chain weight deflator	Consumer Price Index ¹	Year	Consumer Price Index ²	Higher Education Price Index	Research and Development Index	Academic Library Operations Index	Year	Federal budget composite deflator
1	2	3	4	5	6	7	8	9	10
1919	—	17.3	1919–20	19.1	—	—	—	1919	—
1929	12.6	17.1	1929–30	17.1	—	—	—	1929	—
1934	9.9	13.4	1934–35	13.6	—	—	—	1934	—
1939	10.2	13.9	1939–40	14.0	—	—	—	1939	—
1940	10.3	14.0	1940–41	14.2	—	—	—	1940	0.1004
1941	11.0	14.7	1941–42	15.6	—	—	—	1941	0.1057
1942	11.9	16.3	1942–43	16.9	—	—	—	1942	0.1180
1943	12.5	17.3	1943–44	17.4	—	—	—	1943	0.1285
1944	12.8	17.6	1944–45	17.8	—	—	—	1944	0.1209
1945	13.2	18.0	1945–46	18.2	—	—	—	1945	0.1153
1946	14.7	19.5	1946–47	21.2	—	—	—	1946	0.1205
1947	16.3	22.3	1947–48	23.3	—	—	—	1947	0.1351
1948	17.3	24.1	1948–49	24.1	—	—	—	1948	0.1361
1949	17.3	23.8	1949–50	23.7	—	—	—	1949	0.1326
1950	17.4	24.1	1950–51	25.1	—	—	—	1950	0.1362
1951	18.6	26.0	1951–52	26.3	—	—	—	1951	0.1396
1952	19.0	26.5	1952–53	26.7	—	—	—	1952	0.1400
1953	19.2	26.7	1953–54	26.9	—	—	—	1953	0.1491
1954	19.5	26.9	1954–55	26.8	—	—	—	1954	0.1551
1955	19.7	26.8	1955–56	26.9	—	—	—	1955	0.1587
1956	20.4	27.2	1956–57	27.7	—	—	—	1956	0.1659
1957	21.1	28.1	1957–58	28.6	—	—	—	1957	0.1731
1958	21.6	28.9	1958–59	29.0	—	—	—	1958	0.1828
1959	21.9	29.1	1959–60	29.4	—	—	—	1959	0.1862
1960	22.2	29.6	1960–61	29.8	25.6	26.7	—	1960	0.1870
1961	22.4	29.9	1961–62	30.1	26.5	27.5	—	1961	0.1919
1962	22.7	30.2	1962–63	30.4	27.6	28.5	—	1962	0.1918
1963	23.0	30.6	1963–64	30.8	28.6	29.5	—	1963	0.1999
1964	23.3	31.0	1964–65	31.2	29.8	30.7	—	1964	0.2026
1965	23.8	31.5	1965–66	31.9	31.3	32.0	—	1965	0.2054
1966	24.5	32.4	1966–67	32.9	32.9	33.8	—	1966	0.2212
1967	25.2	33.4	1967–68	34.0	34.9	35.7	—	1967	0.2188
1968	26.3	34.8	1968–69	35.7	37.1	38.0	—	1968	0.2286
1969	27.6	36.7	1969–70	37.8	39.5	40.3	—	1969	0.2425
1970	29.1	38.8	1970–71	39.7	42.1	42.7	—	1970	0.2569
1971	30.5	40.5	1971–72	41.2	44.3	45.0	—	1971	0.2736
1972	31.8	41.8	1972–73	42.8	46.7	47.1	—	1972	0.2914
1973	33.6	44.4	1973–74	46.6	49.9	50.1	—	1973	0.3047
1974	36.6	49.3	1974–75	51.8	54.3	54.8	—	1974	0.3322
1975	40.0	53.8	1975–76	55.5	57.8	59.0	57.3	1975	0.3655
1976	42.3	56.9	1976–77	58.7	61.5	62.7	61.6	1976	0.3922
1977	45.0	60.6	1977–78	62.6	65.7	66.8	65.8	1977	0.4242
1978	48.2	65.2	1978–79	68.5	70.5	71.7	71.4	1978	0.4524
1979	52.2	72.6	1979–80	77.6	77.5	78.3	78.5	1979	0.4903
1980	57.1	82.4	1980–81	86.6	85.8	86.6	86.1	1980	0.5409
1981	62.4	90.9	1981–82	94.1	93.9	94.0	94.0	1981	0.5965
1982	66.3	96.5	1982–83	98.2	100.0	100.0	100.0	1982	0.6386
1983	68.9	99.6	1983–84	101.8	104.8	104.3	105.1	1983	0.6682
1984	71.4	103.9	1984–85	105.8	110.8	109.8	111.2	1984	0.7013
1985	73.7	107.6	1985–86	108.8	116.3	115.2	117.6	1985	0.7254
1986	75.3	109.6	1986–87	111.2	120.9	120.0	124.2	1986	0.7433
1987	77.6	113.6	1987–88	115.8	126.1	126.8	130.0	1987	0.7637
1988	80.2	118.3	1988–89	121.2	132.8	132.1	138.6	1988	0.7879
1989	83.3	124.0	1989–90	127.0	140.8	139.0	147.4	1989	0.8171
1990	86.5	130.7	1990–91	133.9	148.2	145.8	155.7	1990	0.8447
1991	89.7	136.2	1991–92	138.2	153.5	150.6	163.3	1991	0.8820
1992	91.9	140.3	1992–93	142.5	158.0	155.2	169.8	1992	0.9119
1993	94.1	144.5	1993–94	146.2	163.3	160.1	176.7	1993	0.9349
1994	96.0	148.2	1994–95	150.4	168.3	165.4	183.9	1994	0.9543
1995	98.1	152.4	1995–96	154.5	173.3	170.8	192.6	1995	0.9770
1996	100.0	156.9	1996–97	158.9	178.6	—	—	1996	1.0000
1997	102.0	160.5	1997–98	161.7	—	—	—	1997	1.0207
1998	103.2	163.0	1998–99	164.5	—	—	—	1998	1.0337
1999	104.7	166.6	1999–2000	169.3	—	—	—	1999	1.0512
2000	107.0	172.2	2000–01	175.1	—	—	—	2000	1.0779
2001	—	—	2001–02	—	—	—	—	2001	1.1062

—Not available.

¹ Index for urban wage earners and clerical workers through 1977; 1978 and later figures are for all urban consumers.² Consumer Price Index adjusted to a school-year basis (July through June).

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

SOURCE: Council of Economic Advisers, *Economic Indicators*, August 2001; U.S. Department of Labor, Bureau of Labor Statistics, Consumer Price Index; Research Associates of Washington, "Inflation Measures for Schools and Colleges, 1990 Update," and unpublished data; and U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 2002*. (This table was prepared August 2001.)

Footnote Describes a unique circumstance relating to a specific item within the table. Usually listed below the bottom rule of the table.

Note Furnishes general information that relates to the entire table.

Source The document or reference from which the data are drawn. This note may also include the organizational unit responsible for preparing the data.

Descriptive Terms

Average A number that is used to represent the “typical value” of a group of numbers. It is regarded as a measure of “location” or “central tendency” of a group of numbers.

Arithmetic mean is the most commonly used average. It is derived by summing the individual item values of a particular group and dividing that sum by the number of items. This value is often referred to simply as the “mean” or “average.”

Median is the measure of central tendency that occupies the middle position in a rank order of values. It generally has the same number of items above it as below it. If there is an even number of items in the group, the median is the average of the middle two items.

Per capita, or per person, figure represents an average computed for every person in a specified group, or population. It is derived by dividing the total for an item (such as income or expenditures) by the number of persons in the specified population.

Index number A value that provides a means of measuring, summarizing, and communicating the nature of changes that occur from time to time or from place to place. An index is used to express changes in prices over periods of time, but may also be used to express differences between related subjects at a single point in time.

The *Digest* most often uses the Consumer Price Index to compare purchasing power over time.

To compute a price index, a base year or period is selected. The base year price is then designated as the base or reference price to which the prices for other years or periods are related.

A method of expressing the price relationship is:

Index number =

$$\frac{\text{Price of a set of one or more items for related year}}{\text{Price of the same set of items for base year}} \times 100$$

When 100 is subtracted from the index number, the result equals the percent change in price from the base year.

Current and constant dollars are used in a number of tables to express finance data. Unless otherwise noted, all figures are in current dollars, not adjusted for inflation. Constant dollars provide a measure of the impact of inflation on the current dollars.

Current dollar figures reflect actual prices or costs prevailing during the specified year(s).

Constant dollar figures attempt to remove the effects of price changes (inflation) from statistical series reported in dollar terms.

The constant dollar value for an item is derived by dividing the base year price index (for example, the Consumer Price Index for 1999) by the price index for the year of data to be adjusted and multiplying by the item to be adjusted. The result is an adjusted dollar value as it would presumably exist if prices were the same as the base year—in other words, as if the dollar had constant purchasing power. Any changes in the constant dollar amounts would reflect only changes in the real values.

NOTE: Tables may not include data for all years implied in table titles.

Guide to Sources

Sources and Comparability of Data

The information presented in this report was obtained from many sources, including federal and state agencies, private research organizations, and professional associations. The data were collected using many research methods, including surveys of a universe (such as all colleges) or of a sample, compilations of administrative records, and statistical projections. *Digest* users should take particular care when comparing data from different sources. Differences in procedures, timing, phrasing of questions, interviewer training, and so forth mean that the results from the different sources may not be strictly comparable. Following the general discussion of data accuracy below, descriptions of the information sources and data collection methods are presented, grouped by sponsoring organization. More extensive documentation of a particular survey's procedures does not imply more problems with the data, only that more information is available.

Accuracy of Data

The accuracy of any statistic is determined by the joint effects of "sampling" and "nonsampling" errors. Estimates based on a sample will differ somewhat from the figures that would have been obtained if a complete census had been taken using the same survey instruments, instructions, and procedures. In addition to such sampling errors, all surveys, both universe and sample, are subject to design, reporting, and processing errors and errors due to non-response. To the extent possible, these nonsampling errors are kept to a minimum by methods built into the survey procedures. In general, however, the effects of nonsampling errors are more difficult to gauge than those produced by sampling variability.

Sampling Errors

The samples used in surveys are selected from a large number of possible samples of the same size that could have been selected using the same sample design. Estimates derived from the different samples would differ from each other. The difference between a sample estimate and the average of all possible samples is called the sampling deviation. The standard or sampling error of a survey estimate is a measure of the variation among the estimates from

all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples.

The sample estimate and an estimate of its standard error permit us to construct interval estimates with prescribed confidence that the interval includes the average result of all possible samples. If all possible samples were selected under essentially the same conditions and an estimate and its estimated standard error were calculated from each sample, then: (1) approximately 66.7 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average value of all possible samples; and (2) approximately 95.0 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average value of all possible samples. We call an interval from two standard errors below the estimate to two standard errors above the estimate a 95 percent confidence interval.

To illustrate this concept, consider the data and standard errors appearing on table 108. For the 2000 estimate that 10.9 percent of 16- to 24-year-olds were high school dropouts, the table shows that the standard error is 0.3 percent. Therefore, we can create a 95 percent confidence interval which is approximately 10.3 to 11.5 (10.9 percent \pm 2 times 0.3 percent).

Analysis of standard errors can help assess how valid a comparison between two estimates might be. The **standard error of a difference** between two independent sample estimates is equal to the square root of the sum of the squared standard errors of the estimates. The standard error (se) of the difference between independent sample estimates "a" and "b" is:

$$se_{a,b} = (se_a^2 + se_b^2)^{1/2}$$

It should be noted that most of the standard error estimates presented in subsequent sections and in the original documents are approximations. That is, to derive estimates of standard errors that would be applicable to a wide variety of items and could be

prepared at a moderate cost, a number of approximations were required. As a result, the standard error estimates provide a general order of magnitude rather than the exact standard error for any specific item. The preceding discussion on sampling variability was directed toward a situation concerning one or two estimates. Determining the accuracy of statistical projections is more difficult. In general, the further away the projection date is from the date of the actual data being used for the projection, the greater the probable error in the projections. If, for instance, annual data from 1970 to 1999 are being used to project enrollment in institutions of higher education, the further beyond 1999 one projects, the more variability in the projection. One will be less sure of the 2011 enrollment projection than of the 2000 projection. A detailed discussion of the projections methodology is contained in *Projections of Education Statistics to 2011* (National Center for Education Statistics, 2001).

Nonsampling Errors

Universe and sample surveys are subject to nonsampling errors. Nonsampling errors may arise when respondents or interviewers interpret questions differently, when respondents must estimate values, or when coders, keyers, and other processors handle answers differently, when persons who should be included in the universe are not, or when persons fail to respond (completely or partially). Nonsampling errors usually, but not always, result in an understatement of total survey error and thus an overstatement of the precision of survey estimates. Since estimating the magnitude of nonsampling errors often would require special experiments or access to independent data, these nonsampling errors are seldom available.

To compensate for nonresponse, adjustments of the sample estimates are often made. An adjustment made for either type of nonresponse, total or partial, is often referred to as an imputation, which is often a substitution of the "average" questionnaire response for the nonresponse. Imputations are usually made separately within various groups of sample members which have similar survey characteristics. Imputation for item nonresponse is usually made by substituting for a missing item, the response to that item of a respondent having characteristics that are similar to those of the nonrespondent.

Although the magnitude of nonsampling error in the data compiled in this *Digest* is frequently unknown, idiosyncrasies that have been identified are noted on the appropriate tables.

Department of Education National Center for Education Statistics (NCES)

Baccalaureate and Beyond Longitudinal Study

The Baccalaureate and Beyond Longitudinal Study (B&B) is based on the National Postsecondary Student Aid Study (NPSAS) and provides information concerning education and work experience after completing the bachelor's degree. B&B provides cross-sectional information 1 year after bachelor's degree completion (comparable to the Recent College Graduates study), while at the same time providing longitudinal data concerning entry into and progress through graduate level education and the workforce. It also provides information on entry into, persistence and progress through, and completion of graduate level education. This information is difficult to gather through followups involving high school cohorts or even college entry cohorts, both of which are restricted in the number who actually complete a bachelor's degree and continue their education.

B&B will follow NPSAS baccalaureate degree completers for a 12-year period after completion, beginning with NPSAS:93. About 11,000 students who completed their degrees in the 1992–93 academic year were included in the first B&B (B&B:93/94). In addition to the student data, B&B collected postsecondary transcripts covering the undergraduate period, providing complete information on progress and persistence at both the undergraduate and graduate levels. The second B&B followup took place in spring 1997 (B&B:93/97), and gathered information on employment history, family formation, and enrollment in graduate programs. New B&B cohorts will alternate with BPS in using NPSAS as their base.

Further information on B&B may be obtained from:

Paula R. Knepper
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Paula.Knepper@ed.gov
<http://nces.ed.gov/surveys/b&b/>

Beginning Postsecondary Students Longitudinal Study

The Beginning Postsecondary Students Longitudinal Study (BPS) provides information on persistence, progress, and attainment from initial time of entry into postsecondary education through leaving and entering the workforce. BPS includes traditional

and nontraditional (e.g., older) students and is representative of all beginning students in postsecondary education. BPS follows first-time, beginning students for at least 5 years at approximately 2-year intervals, collecting student data, and financial aid reports. By starting with a cohort that has already entered postsecondary education, and following it for 5 years, BPS will be able to determine to what extent, students who start postsecondary education at various ages differ in their progress, persistence, and attainment. The first BPS study was conducted in 1989–90, with follow up surveys in 1992 and 1994. The second BPS cohort of students began with a survey in 1995–96 and a follow-up in 1998.

Further information on BPS may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov or
<http://nces.ed.gov/surveys/bps/>

Common Core of Data

NCES uses the Common Core of Data (CCD) survey to acquire and maintain statistical data from each of the 50 states, the District of Columbia, the Bureau of Indian Affairs, Department of Defense Dependents' Schools (overseas and domestic) and the outlying areas. Information about staff and students is collected annually at the school, local education agency or school district (LEA), and state levels. Information about revenues and expenditures is also collected at the state and LEA levels.

Data are collected for a particular school year (October 1 through September 30) via survey instruments sent to the state education agencies during the school year. States have one year in which to modify the data originally submitted.

Since the CCD is a universe survey, the CCD information presented in this edition of the *Digest* is not subject to sampling errors. However, nonsampling errors could come from two sources—nonreturn and inaccurate reporting. Almost all of the states submit the six CCD survey instruments each year, but submissions are sometimes incomplete or too late for publication.

Understandably, when 58 education agencies compile and submit data for approximately 92,000 public schools and 16,000 local school districts, misreporting can occur. Typically, this results from varying interpretations of NCES definitions and differing recordkeeping systems. NCES attempts to minimize these errors by working closely with the

state education agencies through the National Forum on Education Statistics.

The state education agencies report data to NCES from data collected and edited in their regular reporting cycles. NCES encourages the agencies to incorporate into their own survey systems the NCES items they do not already collect so that those items will also be available for the subsequent CCD survey. Over time, this has meant fewer missing data cells in each state's response, reducing the need to impute data.

NCES subjects data from the education agencies to a comprehensive edit. Where data are determined to be inconsistent, missing, or out of range, NCES contacts the education agencies for verification. NCES-prepared state summary forms are returned to the state education agencies for verification. States are also given an opportunity to revise their state-level aggregates from the previous survey cycle.

Further information on CCD may be obtained from:

John Sietsema
Elementary/Secondary Cooperative System and
Institutional Studies Division (ESCSISD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
John.Sietsema@ed.gov
<http://nces.ed.gov/ccd/>

Condition of America's Public School Facilities: 1999

This report provides national data about the condition of public schools in 1999 based on a survey conducted by the National Center for Education Statistics (NCES) using its Fast Response Survey System (FRSS). Specifically, this report provides information about the condition of school facilities and the costs to bring them into good condition; school plans for repairs, renovations, and replacements; the age of public schools; and overcrowding and practices used to address overcrowding. The results presented in this report are based on questionnaire data for 903 public elementary and secondary schools in the United States. The responses were weighted to produce national estimates that represent all regular public schools in the United States.

Further information may be obtained from:

Bernie Greene
Data Development Program (ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Bernie.Greene@ed.gov
<http://nces.ed.gov/surveys/frss/>

**Early Childhood Longitudinal Study,
Kindergarten Class of 1998–99**

The Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS–K) was designed to provide detailed information on children’s early school experiences. The study began in the fall 1998. A nationally representative sample of 22,782 children enrolled in 1,277 kindergarten programs during the 1998–99 school year was selected to participate in the ECLS–K. The children attended both public and private kindergartens, and full-day and part-day programs. The sample included children from different racial/ethnic and socioeconomic backgrounds, and oversamples of Asian and Pacific Island children, private kindergartens, and private kindergartners. Base year data were collected in the fall and spring of the kindergarten year and again in fall first grade (30 percent subsample) and spring first grade. The children participating in the ECLS–K will be followed longitudinally through the 5th-grade.

The ECLS–K includes a direct child cognitive assessment that is administered one-on-one with each child in the study. The assessment uses a computer-assisted personal interview (CAPI) approach and a two-stage adaptive testing methodology. The direct assessment includes three cognitive domains (reading, mathematics, and general knowledge). Children’s height and weight is measured at each data collection point and a direct measure of children’s psychomotor development was administered in the fall of the kindergarten year only. In addition to these measures, the ECLS–K collects information about children’s social skills and academic achievement through teacher reports.

A computer-assisted telephone interview with the children’s parents/guardians is conducted at each wave. Parents/guardians are asked to provide key information about their children on subjects, such as family demographics (e.g., age, family members, relation to child, race/ethnicity), family structure (household members and composition), parent involvement, home educational activities (e.g., reading to the child), child health, parental education and employment status, and child’s social skills and behaviors.

Data on the schools children attend and their classrooms are collected by self-administered questionnaires completed by school administrators and classroom teachers. Administrators provide information about the school population, programs, and policies. At the classroom level, data are collected on the composition of the classroom, teaching practices, curriculum, and teacher qualifications and experience. Teachers in the ECLS–K sampled schools are asked to complete the teacher questionnaires, not just those who teach ECLS–K children.

Further information on the ECLS–K may be obtained from:

Jerry West
Early Childhood Longitudinal Study Program
(ECICSD)
National Center for Education Statistics
1990 K Street, NW
Washington, DC 20006
ecls@ed.gov
<http://nces.ed.gov/ecls>

Federal Support for Education

NCES prepares an annual compilation of federal funds for education. Data for U.S. Department of Education programs come from the *Budget of the United States Government*. Budget offices of other federal agencies provide information for all other federal program support except for research funds, which are obligations reported by the National Science Foundation in *Federal Funds for Research and Development*. Some data are estimated, based on reports from the federal agencies contacted and the *Budget of the United States Government*.

Except for money spent on research, outlays were used to report program funds to the extent possible. Some tables are obligations as noted in the title of the table. Some federal program funds not commonly recognized as education assistance are also included in the totals reported. For example, portions of federal funds paid to some states and counties as shared revenues resulting from the sale of timber and minerals from public lands have been estimated as funds used for education purposes. Parts of the funds received by states (in 1980) and localities (throughout the period) under the General Revenue Sharing Program are also included, as are portions of federal funds received by the District of Columbia. The share of these funds allocated to education was assumed to be equal to the share of general funds expended for elementary and secondary education by states and localities in the same year as reported by the U.S. Bureau of the Census in its annual publication, *Governmental Finances*.

All state intergovernmental expenditures for education were assumed to be earmarked for elementary/secondary education. Contributions of parent governments of dependent school systems to their public schools amounted to approximately 9 percent of local government revenues and local government revenue sharing in each year. Therefore, 9 percent of local government revenue-sharing funds were assumed allocated each fiscal year to elementary and secondary education. Parent government contributions to public school systems were obtained from *Finances of Public School Systems* published by the U.S. Bureau of the Census. The amount of state rev-

enue-sharing funds allocated for postsecondary education in 1980 was assumed to be 13 percent, the proportion of direct state expenditures for institutions of higher education reported in *Governmental Finances* for that year.

The share of federal funds for the District of Columbia assigned to education was assumed to be equal to the share of the city's general fund expenditures for each level of education.

For the job training programs conducted by the Department of Labor, only estimated sums spent on classroom training have been reported as educational program support.

During the 1970s, The Office of Management and Budget (OMB) prepared annual reports on federal education program support. These were published in the *Budget of the United States Government [Special Analyses]*. The information presented in this report is not, however, a continuation of the OMB series. A number of differences in the two series should be noted. OMB required all federal agencies to report outlays for education-related programs using a standardized form, thereby assuring agency compliance in reporting. The scope of education programs reported here differs from OMB. Off-budget items such as the annual volume of guaranteed student loans were not included in OMB's reports. Finally, while some mention is made of an annual estimate of federal tax expenditures, OMB did not include them in its annual analysis of federal education support. Estimated federal tax expenditures for education are the difference between current federal tax receipts and what these receipts would be without existing education deductions to income allowed by federal tax provisions.

Recipients' data are estimated based on *Estimating Federal Funds for Education: A New Approach Applied to Fiscal Year 1980*, "Federal Support for Education, Fiscal Years 1980 to 1984," and *Catalog of Federal Domestic Assistance*. The recipients' data are estimated and tend to undercount institutions of higher education (IHEs), students, and local education agencies (LEAs). This is because some of the federal programs have more than one recipient receiving funds. In these cases, the recipients were put into a "mixed recipients" category, because there was no way to disaggregate the amount each recipient received.

Further information on federal support for education may be obtained from:

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Charlene.Hoffman@ed.gov

High School and Beyond

High School and Beyond (HS&B) is a national longitudinal survey of 1980 high school sophomores and seniors. The base-year survey was a probability sample of 1,015 high schools with a target number of 36 sophomores and 36 seniors in each of the schools. A total of 58,270 students participated in the base-year survey. Substitutions were made for non-participating schools—but not for students—in those strata where it was possible. Overall, 1,122 schools were selected in the original sample and 811 of these schools participated in the survey. An additional 204 schools were drawn in a replacement sample. Student refusals and absences resulted in an 82 percent completion rate for the survey.

Several small groups in the population were oversampled to allow for special study of certain types of schools and students. Students completed questionnaires and took a battery of cognitive tests. In addition, a sample of parents of sophomores and seniors (about 3,600 for each cohort) was surveyed.

HS&B first followup activities took place in the spring of 1982. The sample design of the first followup survey called for the selection of approximately 30,000 persons who were sophomores in 1980. The completion rate for sophomores eligible for on-campus survey administration was about 96 percent. About 89 percent of the students who left school between the base year and first followup surveys (dropouts, transfer students, and early graduates) completed the first followup sophomore questionnaire.

As part of the first followup survey of HS&B, transcripts were requested in fall 1982 for an 18,152 member subsample of the sophomore cohort. Of the 15,941 transcripts actually obtained, 1,969 were excluded because the students had dropped out of school before graduation, 799 were excluded because they were incomplete, and 1,057 were excluded because the student graduated before 1982 or the transcript indicated neither a dropout status nor graduation. Thus 12,116 transcripts were utilized for the overall curriculum analysis presented in this publication. All courses in each transcript were assigned a 6-digit code based on *A Classification of Secondary School Courses* (developed by Evaluation Technologies, Inc. under contract with NCES). Credits earned in each course were expressed in Carnegie units. (The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course. To receive credit for a course, the student must have received a passing grade—"pass," "D," or higher.) Students who transferred from public to private schools or from private to public schools between their sophomore and sen-

ior years were eliminated from public/private analyses.

In designing the senior cohort first followup survey, one of the goals was to reduce the size of the retained sample, while still keeping sufficient numbers of minorities to allow important policy analyses. A total of 11,227 (94 percent) of the 11,995 persons subsampled completed the questionnaire. Information was obtained about the respondents' school and employment experiences, family status, and attitudes and plans.

The sample for the second followup, which took place in the spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

HS&B third followup data collection activities were performed in spring of 1986. Both the sophomore and senior cohort samples for this round of data collection were the same as those used for the second followup survey. The completion rates for the sophomore and senior cohort samples were 91 percent and 88 percent, respectively.

Table A1 contains the maximum number of cases that are available for the tabulations of the specific classification variables used throughout this publication.

The standard error (se) of an individual percentage (p) based on HS&B data can be approximated by the formula:

$$se_p = DEFT [p(100 - p)/n]^{1/2}$$

where n is the sample size and DEFT, the square root of the design effect, is a factor used to adjust for the particular sample design used in HS&B. Table A2 provides the DEFT factors for different HS&B samples and subsamples.

In evaluating a difference between two independent percentages, the standard error of the difference may be conservatively approximated by taking the square root of the sum of the squared standard errors of the two percentages. For example, in the 1986 followup of 1980 sophomores, 84.0 percent of the men and 77.2 percent of the women felt that being successful in work was "very important," a difference of 6.8 percentage points. Using the formula and the sample sizes from table A1 and the DEFT factors from table A2, the standard errors of the two percentages being compared are calculated to be:

$$1.43[(84.0)(16.0)/(5,391)]^{1/2} = .714$$

$$1.43[(77.2)(22.8)/(5,857)]^{1/2} = .784$$

The standard error of the difference is therefore

$$(.714^2 + .784^2)^{1/2} = (.510 + .615)^{1/2} = 1.06$$

The sampling error (95 chances in 100) of the difference is approximately double the standard error, or approximately 2.1 percentage points, and the 95 percent confidence interval for the difference is 6.8 ± 2.1 , or 4.7 to 8.9 percentage points.

The standard error estimation procedure outlined above does not compensate for survey item nonresponse, which is a source of nonsampling error. (Table A1 reflects the maximum number of responses that could be tabulated by demographic characteristics.) For example, of the 10,925 respondents in the 1984 followup survey of 1980 high school graduates, 372, or 3.4 percent, did not respond to the particular question on whether they had ever used a pocket calculator. Item nonresponse varied considerably. A very low nonresponse rate of 0.1 percent was obtained for a question asking whether the respondent had attended a postsecondary institution. A much higher item nonresponse rate of 12.2 percent was obtained for a question asking if the respondent had used a micro or minicomputer in high school. Typical item nonresponse rates ranged from 3 to 4 percent.

The Hispanic analyses presented in this report relied on students' self-identification as members of one of four Hispanic subgroups: Mexican, Mexican-American, Chicano; Cuban; Puerto-Rican, Puertorriqueno, or Boricua; or other Latin American, Latino, Hispanic, or Spanish descent.

An NCES series of technical reports and data file users manuals, available electronically, provides additional information on the survey methodology.

Further information on the HS&B survey may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
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High School Transcript Study Tabulations

The most recent transcript study was in 1998 and was based on a survey conducted as part of the National Assessment of Educational Progress (NAEP). The 1998 study involved analysis of transcripts of approximately 25,000 high school graduates from 264 schools. The study collected information such as course lists, graduation requirements, and the defini-

tion of units of credit and grades, on a school-level basis.

Similar studies were conducted of course-taking patterns of 1982, 1987, 1990, 1992, and 1994. The 1987 data are based on approximately 22,799 transcripts from 433 schools obtained as part of the 1987 High School Transcript Study. The 1982 data are based on approximately 12,000 transcripts collected by the High School and Beyond (HS&B) survey.

Because the 1982 HS&B survey used a different method for identifying handicapped students than did the 1987 and 1990 transcript studies, and in order to make the statistical summaries as comparable as possible, all the counts and percentages in this report are restricted to students whose records indicate that they had not participated in a special education program. This restriction lowers the number of 1990 graduates represented in the tables to 20,866.

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Integrated Postsecondary Education Data System

The Integrated Postsecondary Education Data System (IPEDS) surveys approximately 10,000 postsecondary institutions, including universities and colleges, as well as institutions offering technical and vocational education beyond the high school level. This survey, which began in 1986, replaced the Higher Education General Information Survey (HEGIS).

IPEDS consists of eight integrated components that obtain information on who provides postsecondary education (institutions), who participates in it and completes it (students), what programs are offered and what programs are completed, and both the human and financial resources involved in the provision of institutionally based postsecondary education. Specifically, these components include: Institutional Characteristics, including instructional activity; Fall Enrollment, including age and residence; Enrollment in Occupationally Specific Programs; Completions; Finance; Staff; Salaries of Full-Time Instructional Faculty; and Academic Libraries.

The degree-granting institutions portion of this survey is a census of colleges awarding associate or higher degrees, that were eligible to participate in Title IV financial aid programs. Prior to 1993, data from the technical and vocational institutions were collected through a sample survey. Beginning in

1993, all data are gathered in a census of all postsecondary institutions. The tabulations on "Institutional Characteristics" developed for this edition of the *Digest* are based on lists of all institutions and are not subject to sampling errors.

The definition of institutions generally thought of as offering college and university education has been changed in recent years. The old standard for higher education institutions included those institutions that had courses that led to an associate degree or higher, or were accepted for credit towards those degrees. The higher education institutions were accredited by an agency or association that was recognized by the U.S. Department of Education or recognized directly by the Secretary of Education. Tables that use only this standard are titled "higher education" in the *Digest*. The current category includes institutions which award associate or higher level degrees that are eligible to participate in Title IV federal financial aid programs. Tables that contain any data according to this standard are titled as "degree-granting" institutions. Time-series tables may contain data from both series, and they are labeled accordingly. The impact of this change has generally not been large. For example, tables on faculty salaries and benefits were only affected to a very small extent. Also, degrees awarded at the bachelor's level or higher were not heavily affected. The largest impact has been on private 2-year college enrollment. In contrast, most of the data on public 4-year colleges has been affected only to a minimal extent. The impact on enrollment in public 2-year colleges was noticeable in certain states, but relatively small at the national level. Overall, enrollment for all institutions was about one-half a percent higher for degree-granting institutions compared to the total for higher education institutions.

Prior to the establishment of IPEDS in 1986, HEGIS acquired and maintained statistical data on the characteristics and operations of institutions of higher education. Implemented in 1966, HEGIS was an annual universe survey of institutions accredited at the college level by an agency recognized by the Secretary of the U.S. Department of Education. These institutions were listed in NCES's *Education Directory, Colleges and Universities*.

HEGIS surveys solicited information concerning institutional characteristics, faculty salaries, finances, enrollment, and degrees. Since these surveys were distributed to all higher education institutions, the data presented are not subject to sampling error. However, they are subject to nonsampling error, the sources of which varied with the survey instrument. Information concerning the nonsampling error of the enrollment and degrees surveys draws extensively on the *HEGIS Post-Survey Validation Study* conducted in 1979.

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Institutional Characteristics This survey provides the basis for the universe of institutions presented in the *Directory of Postsecondary Institutions*. The survey collects basic information necessary to classify the institutions including control, level, and kinds of programs; and information on tuition, fees, and room and board charges. Beginning in 2000, the survey collected institutional pricing data from institutions with first-time, full-time, degree/certificate-seeking undergraduate students. Unduplicated full-year enrollment counts and instructional activity are now collected on the Fall enrollment survey. The overall response rate was 95.5 percent for 2001.

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Fall Enrollment This survey has been part of the HEGIS and IPEDS series since 1966. The enrollment survey response rate is relatively high. The 1999 overall response rate was 96.9 percent for degree-granting institutions. The imputation method differed for 1999 compared to earlier surveys. For all institutions that did not report in 1999, data from the previous year were used as 1999 estimates. Major sources of nonsampling error for this survey as identified in the 1979 report were classification problems, the unavailability of needed data, interpretation of definitions, the survey due date, and operational errors. Of these, the classification of students appears to have been the main source of error. Institutions had problems in correctly classifying first-time freshmen and other first-time students for both full-time and part-time categories. These problems occurred most often at 2-year institutions (private and public) and private 4-year institutions. In the 1977–78 HEGIS validation studies, the classification problem led to an estimated overcount of 11,000 full-time students and an undercount of 19,000 part-time students. Although the ratio of error to the grand total

was quite small (less than 1 percent), the percentage of errors was as high as 5 percent for detailed student levels and even higher at certain aggregation levels.

Beginning with fall 1986, the survey system was redesigned with the introduction of IPEDS (see above). The survey allows (in alternating years) for the collection of age and residence data. In 2000, the Enrollment survey collected the instructional activity and unduplicated headcount data, which are needed to compute a standardized, full-time equivalent (FTE) enrollment statistic for the entire academic year. Starting in 2001, unduplicated headcount by level of student, and by race/ethnicity and gender of student will also be requested, as will total number of students in the entering class.

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Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty This institutional survey has been conducted for most years from 1966–67 to 1987–88, and annually since 1989–90. Although the survey form changed a number of times during those years, only comparable data are presented in this report.

Between 1966–67 and 1985–86 this survey differed from other HEGIS surveys in that imputations were not made for nonrespondents. Thus, there is some possibility that the salary averages presented in this report may differ from the results of a complete enumeration of all colleges and universities. Beginning with the surveys for 1987–88, the IPEDS data tabulation procedures included imputations for survey nonrespondents. The response rate for the 1998–99 survey was 95.5 percent for degree-granting institutions. Because of the higher response rate for public colleges, it is probable that the public colleges' salary data are more accurate than the data for private colleges. Although data from these surveys are not subject to sampling error, sources of nonsampling error may include computational errors and misclassification in reporting and processing. NCES reviews individual colleges' data for internal and longitudinal consistency and contacts the colleges to check inconsistent data.

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Completions This survey was part of the HEGIS series throughout its existence. However, the degree classification taxonomy was revised in 1970–71, 1982–83, and 1991–92. Collection of degree data has been maintained through the IPEDS system.

Though information from survey years 1970–71 through 1981–82 is directly comparable, care must be taken if information before or after that period is included in any comparison. Degrees-conferred trend tables arranged by the 1991–92 classification are included in the *Digest* to provide consistent data from 1970–71 to the most recent year. Data in this edition on associate and other formal awards below the baccalaureate, by field of study, cannot be made comparable with figures prior to 1982–83. The non-response rate did not appear to be a significant source of nonsampling error for this survey. The return rate over the years has been high, with the degree-granting institutions response rate for the 1999–2000 survey at 96.7 percent. The overall response rate for the nondegree granting institutions was 84.4 percent in 1999–2000. Because of the high return rate for the degree-granting institutions, nonsampling error caused by imputation is also minimal.

The major sources of nonsampling error for this survey were differences between the NCES program taxonomy and taxonomies used by the colleges, classification of double majors, operational problems, and survey timing. In the 1979 HEGIS validation study, these sources of nonsampling contributed to an error rate of 0.3 percent overreporting of bachelor's degrees and 1.3 percent overreporting of master's degrees. The differences, however, varied greatly among fields. Over 50 percent of the fields selected for the validation study had no errors identified. Categories of fields that had large differences were business and management, education, engineering, letters, and psychology. It was also shown that differences in proportion to the published figures were less than 1 percent for most of the selected fields that had some errors. Exceptions to these were: master's and Ph.D. programs in labor and industrial relations (20 percent and 8 percent); bachelor's and master's programs in art education (3 percent and 4 percent); bachelor's and Ph.D. programs in business and commerce, and in distributive education (5 percent and 9 percent); master's programs

in philosophy (8 percent); and Ph.D. programs in psychology (11 percent).

Further information on IPEDS Completions surveys may be obtained from:

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Financial Statistics This survey was part of the HEGIS series and has been continued under the IPEDS system. Changes were made in the financial survey instruments in fiscal years (FY) 1976, 1982, and 1987. The FY 76 survey instrument contained numerous revisions to earlier survey forms and made direct comparisons of line items very difficult. Beginning in FY 82, Pell Grant data were collected in the categories of federal restricted grants and contracts revenues and restricted scholarships and fellowships expenditures. The introduction of IPEDS in the FY 87 survey included several important changes to the survey instrument and data processing procedures. While these changes were significant, considerable effort has been made to present only comparable information on trends in this report and to note inconsistencies. Finance tables for this publication have been adjusted by subtracting the largely duplicative Pell Grant amounts from the later data to maintain comparability with pre-FY 82 data.

Possible sources of nonsampling error in the financial statistics include nonresponse, imputation, and misclassification. The response rate has been about 85 to 90 percent for most of the years. The response rate for the FY 97 survey was 95.1 percent for degree-granting institutions

Two general methods of imputation were used in HEGIS. If the prior year's data were available for a nonresponding institution, these data were inflated using the Higher Education Price Index and adjusted according to changes in enrollments. If no previous year's data were available, current data were used from peer institutions selected for location (state or region), control, level, and enrollment size of institution. In most cases estimates for nonreporting institutions in IPEDS were made using data from peer institutions.

Beginning with FY 87, the IPEDS survey system included all postsecondary institutions, but maintained comparability with earlier surveys by allowing 2- and 4-year institutions to be tabulated separately. For FY 87 through FY 91, in order to maintain comparability with the historical time series of HEGIS institutions, data were combined from two of the three different survey forms that make up the IPEDS sur-

vey system. The vast majority of the data were tabulated from form 1, which was used to collect information from public and private not-for-profit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for the 2-year for-profit institutions. Because of the differences in the data requested on the two forms, several assumptions were made about the form 2 reports so that their figures could be included in the degree-granting institutions totals.

In IPEDS, the form 2 institutions were not asked to separate appropriations from grants and contracts, nor state from local sources of funding. For the form 2 institutions, all the federal revenues were assumed to be federal grants and contracts, and all of the state and local revenues were assumed to be restricted state grants and contracts. All other form 2 sources of revenue, except for tuition and fees and sales and services of educational activities, were included under "other." Similar adjustments were made to the expenditure accounts. The form 2 institutions reported instruction and scholarship and fellowship expenditures only. All other educational and general expenditures were allocated to academic support.

To reduce reporting error, NCES uses national standards for reporting finance statistics. These standards are contained in *College and University Business Administration: Administrative Services (1974 Edition)*, and the *Financial Accounting and Reporting Manual for Higher Education (1990 Education)*, published by the National Association of College and University Business Officers; *Audits of Colleges and Universities* (as amended August 31, 1974), by the American Institute of Certified Public Accountants; and *HEGIS Financial Reporting Guide (1980)*, by NCES. Wherever possible, definitions and formats in the survey form are consistent with those in these four accounting texts.

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Staff The fall staff data presented in this publication were collected by NCES, through the IPEDS system, which collected data from postsecondary institutions, including all 2- and 4-year degree-granting education institutions. The NCES collects staff data biennially in odd numbered years from institutions of postsecondary education.

The "Fall Staff" questionnaires were mailed out by NCES in August; the respondents reported the em-

ployment statistics in their institution that cover the payroll period in the fall of the survey year. The "Fall Staff, 1999" survey had an overall response rate of 94.8 percent for degree-granting institutions. Imputations for 1999 differed from earlier methods. For all institutions that did not respond to the survey, data from the 1997 survey were used as estimates for fall 1999.

Further information on IPEDS Fall Staff surveys may be obtained from:

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Internet Access in Public Schools and Classrooms

The Internet Access in Public Schools and Classrooms study is part of the National Center for Education Statistics Fast Response Survey System (FRSS). The FRSS was established in 1985 to collect issue-oriented data quickly with minimum response burden. It was designed to meet the data needs of the U.S. Department of Education analysts, planners, and decisionmakers when information could not be collected quickly enough through traditional NCES surveys.

The Internet survey was designed to assess the federal government's commitment to assist every school and classroom in connecting to the Internet by the year 2000. In 1994, NCES began surveying approximately 1,000 public schools each year about their access to the Internet, access in classrooms, and since 1996, their type of Internet connections. In 2000, questions were asked about access to the Internet at times outside of regular school hours and on "acceptable use policies." All estimates are based on samples and are subject to sampling variability.

Further information on Internet access in public schools and classrooms may be obtained from:

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Library Statistics Program

Nationwide, public library statistics are collected using the Public Libraries Survey and disseminated annually through the Federal-State Cooperative System for public library data (FSCS). Descriptive statis-

tics are produced for nearly 9,000 public libraries. The Public Libraries Survey includes information about staffing; operating income and expenditures; type of governance; type of administrative structure; size of collection; and service measures, such as, reference transactions, public service hours, inter-library loans, circulation, and library visits. In FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

The respondents are 8,946 public libraries identified in the 50 states and the District of Columbia by state library agencies. At the state level, FSCS is administered by State Data Coordinators, appointed by the Chief Officer of each State Library Agency. The State Data Coordinator collects the requested data from local public libraries and submits these data to NCES. An annual training conference sponsored by NCES is provided for the State Data Coordinators. A steering committee representing State Data Coordinators and other public library constituents is active in the development of FSCS data elements and software. Technical assistance to states is provided by phone and in person by the FSCS steering committee and by NCES staff and contractors. All 50 states and the District of Columbia have submitted data that are available for individual public libraries and are also aggregated to state and national levels.

Since 1990, data have been collected electronically. The most recent software is called DECPLUS. It includes identifying information on all known public libraries and their outlets, some state libraries, and some library systems and cooperatives. Beginning in 1994, this resource was available for drawing samples for special surveys on such topics as literacy, access for the disabled, and library construction.

Under the Academic Libraries Survey (ALS), NCES surveyed academic libraries on a 3-year cycle between 1966 and 1988. Since 1988, ALS has been a component of the Integrated Postsecondary Education Data System and is on a 2-year cycle. ALS provides data on about 3,500 academic libraries. In aggregate, these data provide an overview of the status of academic libraries nationally and statewide. Beginning in 1996, libraries were asked about electronic services including, electronic catalogs that include the libraries' holdings, Internet access, and electronic full-text periodicals. The survey collects data on the libraries in the entire universe of degree-granting institutions. ALS produces descriptive statistics on academic libraries in postsecondary institutions in the 50 states, the District of Columbia, and the outlying areas.

The School Library Statistics Survey collected data on school libraries/media centers in 1990–91 and 1993–94. This survey asked questions on libraries in public and private schools as part of the Schools and

Staffing Survey (SASS). These questionnaires were revised and a sample survey of about 7,600 schools was conducted during school year 1993–94. The library components of the 1990–91 SASS include: number of students served and number of professional staff and aides; at the district level, number of full-time equivalent librarians/media specialists, vacant positions, positions abolished, and approved positions; and amount of librarian input in establishing curriculum. The 1993–94 survey was much more extensive and added questions concerning media centers and collections of libraries.

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National Adult Literacy Survey

The National Adult Literacy Survey (NALS) was created as a new measure of literacy and funded by the U.S. Department of Education and by 12 states. It is the third and largest assessment of adult literacy funded by the federal government. The aim of the survey is to profile the English literacy of adults in the United States based on their performance across a wide array of tasks that reflect the types of materials and demands they encounter in their daily lives.

To gather the information on adults' literacy skills, trained staff interviewed nearly 13,600 individuals aged 16 and older during the first 8 months of 1992. These participants had been randomly selected to represent the adult population in the country as a whole. Black and Hispanic households were oversampled to ensure reliable estimates of literacy proficiencies, and to permit analyses of the performance of these subpopulations. In addition, some 1,100 inmates from 80 federal and state prisons were interviewed to gather information on the proficiencies of the prison population. In total, over 26,000 adults were surveyed.

Each survey participant was asked to spend approximately an hour responding to a series of diverse literacy tasks, as well as questions about his or her demographic characteristics, educational background, reading practices, and other areas related to literacy. Based on their responses to the survey tasks, adults received proficiency scores along three scales which reflect varying degrees of skill in prose, document, and quantitative literacy. The results of

the survey were published in a report, *Adult Literacy in America*, in September 1993.

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National Assessment of Educational Progress

The National Assessment of Educational Progress (NAEP) is a series of cross-sectional studies designed and initially implemented in 1969. NAEP has gathered information about selected levels of educational achievement across the country. NAEP has surveyed the educational attainments by age and grade (9-, 13-, and 17-year-olds, and 4th-, 8th-, and 12th-graders), and young adults (ages 25 to 35), in 10 learning areas. NAEP administers two different types of tests, national and state NAEP. At the national level, NAEP is divided into two assessments: the main NAEP and the long-term trend NAEP.

NAEP long-term trend assessments are designed to give information on the changes in the basic achievement of America's youth. Nationally representative samples of students have been assessed in science, mathematics, and reading at ages 9, 13, and 17 since the early 1970s. Students have been assessed in writing at grades 4, 8, and 11 since 1984. To measure trends accurately, assessment items (mostly multiple choice) and procedures have remained unchanged since the first assessment in each subject. Recent trend assessments were conducted in 1994, 1996, and 1999. About 30,000 students took part in the 1996 trend assessment. Results are reported as average scores for the nation, regions, and for various subgroups of the population such as race and ethnic groups. Data from the trend assessments are available in the most recent report, *NAEP 1999 Trends in Academic Progress*.

In the main national NAEP, a nationally representative sample of students is assessed at grades 4, 8, and 12 in various academic subjects. The assessments change periodically and are based on frameworks developed by the National Assessment Governing Board (NAGB). Items include both multiple-choice and "constructed-response" (requiring written answers). Results are reported in two ways. Average scores are reported for the nation, participating states and jurisdictions, and for subgroups of the population. In addition, the percent of students at or above the basic, proficient, and advanced achieve-

ment levels are reported for these same groups. The achievement levels are developed by NAGB.

Since 1990, main NAEP has also been conducted for states and other jurisdictions that choose to participate (47 participated in 1996). Because the national NAEP samples were not, and are not currently, designed to support the reporting of accurate and representative state-level results, separate representative samples of students are selected for each participating jurisdiction. State data are usually available at grades 4 and/or 8, and may not include all subjects assessed in the national-level assessment. In 1994, for example, NAEP assessed reading, geography, and history at the national level at grades 4, 8, and 12 (only reading at grade 4 was assessed at the state level, however). In 1996, mathematics and science were assessed nationally at grades 4, 8, 12. In the states, mathematics was assessed at grades 4 and 8, and science was assessed at grade 8 only. In 1997, the arts were assessed at the national level at grade 8. Reading and writing were assessed in 1998 at the national level for grades 4, 8, and 12, and state levels for grades 4 and 8. Civics was assessed at the national level, as well. These assessments generally involve about 130,000 students at the national and state levels.

The assessment data presented in this publication were derived from tests designed and conducted by the Education Commission of the States (1969–1983) and by the Educational Testing Service (1983 to present). Three-stage probability samples have been used. The primary sampling units have been stratified by region and, within region, by state, size of community, and, for the two smaller sizes of community strata, by socioeconomic level. The first stage of sampling entails defining and selecting primary sampling units (PSUs). For each age/grade level (grades 4, 8, and 12) the second stage entails enumerating, stratifying, and randomly selecting schools, both public and private, within each PSU selected at the first stage. The third stage involves randomly selecting students within a school for participation in NAEP. Assessment exercises have been administered either to individuals or to small groups of students by specially trained personnel.

Sample sizes for the reading proficiency portion of the 1999 NAEP long-term trends study were: 5,793 for the 9-year-olds, 5,933 for the 13-year-olds, and 5,288 for the 17-year-olds. Response rates were 94 percent, 92 percent, and 80 percent, respectively. Response rates for earlier years (1970–71, 1974–75, and 1979–80) were generally lower. For example, the lowest response rate for the 9-year-olds was 88 percent in 1974–75, and the lowest response rate overall was 70 percent for the 17-year-olds in 1974–75.

Sample sizes in math and science portions of the 1999 long-term trends were: 6,032 9-year-olds, 5,941 13-year-olds, and 3,795 17-year-olds. Response rates were 94, 93, and 81 percent, respectively.

Assessments focusing on particular subject areas are conducted separately from long-term assessments. The 2000 mathematics assessment was administered to 13,511 4th-graders, 15,694 8th-graders, and 13,432 12th-graders. The response rates were: 96 percent for 4th-graders, 92 percent for 8th-graders, and 77 percent for 12th-graders.

The 2000 reading assessment was administered to 7,914 4th-graders. The response rate was 96 percent.

The 1997–98 writing assessment was administered to 19,816 4th-graders, 20,586 8th-graders, and 19,505 12th-graders. Student response rates for the 1997–98 writing assessment were 95 percent for the 4th-graders, 92 percent for the 8th-graders, and 80 percent for the 12th-graders.

In 1995–96, a science assessment was administered to 7,305 4th-graders, 7,774 8th-graders, and 7,537 12th-graders. The response rates were 94 percent for the 4th-graders, 94 percent for the 8th-graders, and 93 percent for the 12th-graders.

The 1993–94 geography assessment was administered to 5,507 4th-graders, 6,878 8th-graders, and 6,234 12th-graders. The response rates for the assessment were 93 percent for the 4th-graders, 93 percent for the 8th-graders, and 90 percent for the 12th-graders.

In 1990, representative state-level data were produced for mathematics at the 8th-grade level. This was the first time NAEP had produced data on a state-by-state level. In 2000, state-level assessments were conducted in 4th- and 8th-grade mathematics and science.

Information from NAEP is subject to both nonsampling and sampling error. Two possible sources of nonsampling error are nonparticipation and instrumentation. Certain populations have been oversampled to assure samples of sufficient size for analysis. Instrumentation nonsampling error could result from failure of the test instruments to measure what is being taught and, in turn, what is being learned by the students.

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National Education Longitudinal Study of 1988

The National Education Longitudinal Study of 1988 (NELS:88) is the third major secondary school student longitudinal study sponsored by the National Center for Education Statistics. The two studies that preceded NELS:88, the National Longitudinal Study of the High School Class of 1972 (NLS–72) and High School and Beyond (HS&B) in 1980, surveyed high school seniors (and sophomores in HS&B) through high school, postsecondary education, and work and family formation experiences. Unlike its predecessors, NELS:88 begins with a cohort of 8th-grade students. In 1988, some 25,000 8th-graders, their parents, their teachers, and their school principals were surveyed. Followups were conducted in 1990, 1992, and 1994, when a majority of these students were in 10th and 12th grades, and then 2 years after their scheduled high school graduation. A fourth followup was conducted in 2000.

NELS:88 is designed to provide trend data about critical transitions experienced by young people as they develop, attend school, and embark on their careers. It complements and strengthens state and local efforts by furnishing new information on how school policies, teacher practices, and family involvement affect student educational outcomes (i.e., academic achievement, persistence in school, and participation in postsecondary education). For the base year, NELS:88 includes a multifaceted student questionnaire, four cognitive tests, a parent questionnaire, a teacher questionnaire, and a school questionnaire.

In 1990, when the students were in 10th grade, the students, school dropouts, their teachers, and their school principals were surveyed. The 1988 survey of parents was not a part of the 1990 followup. In 1992, when most of the students were in 12th grade, the second followup conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information from the students' transcripts were collected. Tables A3 and A4 present the respondent counts and design effects of NELS:88 and the 1990 and 1992 followups.

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National Household Education Survey

The National Household Education Survey (NHES) is a data collection system that is designed to ad-

dress a wide range of education-related issues. Surveys were conducted in 1991, 1993, 1995, 1996, 1999, and 2001.

NHES targets specific populations for detailed data collection. It is intended to provide more detailed data on the topics and populations of interest than are collected through supplements to other household surveys.

The topics addressed by NHES:91 were early childhood education and adult education. About 60,000 households were screened for NHES:91. In the Early Childhood Education component, about 14,000 parents/guardians of 3- to 8-year olds completed interviews about their children's early educational experiences. Included in this component were participation in nonparental care/education, care arrangements and school, and family, household, and child characteristics. In the NHES:91 Adult Education component, about 9,800 persons 16 years of age and older, identified as having participated in an adult education activity in the previous 12 months, were questioned about their activities. Data were collected on programs and up to four courses, including the subject matter duration, sponsorship, purpose, and cost. Information on the household and the adult's background and current employment also was collected. In the NHES:95 survey, 23,969 adults were sampled for the adult education component and 80 percent (19,722) completed the interview.

In NHES:93, nearly 64,000 households were screened. Approximately 11,000 parents of 3- to 7-year-olds completed interviews for the School Readiness component. Topics included were the developmental characteristics of preschoolers, school adjustment and teacher feedback to parents for kindergartners and primary students, center-based program participation, early school experiences, home activities with family members, and health status. In the School Safety and Discipline component, about 12,700 parents of children in grades 3 through 12, and about 6,500 youth in grades 6 through 12, were interviewed about their school experiences. Topics included the school learning environment, discipline policy, safety at school, victimization, the availability and use of alcohol/drugs, and alcohol/drug education. Peer norms for behavior in school and substance use were also included in this topical component. Extensive family and household background information was collected, as well as characteristics of the school attended by the child.

In NHES:95 survey, the Early Childhood Program participation component and the Adult Education component were similar to those in 1991. In the Early Childhood component, about 14,000 parents of children from birth to third grade were interviewed. For the Adult Education component, about 19,500 civilian adults were interviewed.

In the spring of 1996, Parent and Family Involvement in education and Civic Involvement were covered. For the Parent and Family Involvement component, nearly 21,000 parents of children grades 3 to 12 were interviewed. For the Civic Involvement component, about 8,000 youth grades 6 to 12, about 9,000 parents, and about 2,000 adults were interviewed. The 1996 survey also addressed public library use. Adults in almost 55,000 households were interviewed to support state-level estimates of household public library use.

NHES:99 collected end-of-decade estimates of key indicators from the surveys conducted throughout the 1990s. Approximately 60,000 households were screened for a total of about 40,000 interviews with parents of children from birth through 12th grade, and adults aged 16 or older not enrolled in grade 12 or below. Key indicators included participation of children in nonparental care and early childhood programs, school experiences, parent/family involvement in education at home and at school, youth community service activities, plans for future education, and adult participation in educational activities and community service.

NHES:2001 repeated data collection of prior surveys on Early Childhood Program Participation and Adult Education. The Before- and After School Program and Activities survey was a new collection focusing on children from kindergarten to 8th-grade.

Further information on NHES may be obtained from:

Chris Chapman
Early Childhood Longitudinal Study Program
(ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 2006
Chris.Chapman@ed.gov
<http://nces.ed.gov/nhes/>

National Longitudinal Study of the High School Class of 1972

The National Longitudinal Study of the high school class of 1972 (NLS:72) began with the collection of base-year survey data from a sample of about 19,000 high school seniors in the spring of 1972. Five more followup surveys of these students were conducted in 1973, 1974, 1976, 1979, and 1986. NLS:72 was designed to provide the education community with information on the transitions of young adults from high school through postsecondary education and the workplace.

In addition to the followups, a number of supplemental data collection efforts were undertaken. For example, a Postsecondary Education Transcript Study (PETS) was undertaken in 1984, and the fifth

followup survey in 1986 included a supplement for those who became teachers.

The sample design for the NLS:72 was a stratified, two-stage probability sample of 12th-grade students from all schools, public and private, in the 50 states and the District of Columbia during the 1971–72 school year. During the first stage of sampling, about 1,070 schools were selected for participation in the base-year survey. As many as 18 students were selected at random from each of the sample schools. The size of both the school and student samples were increased during the first followup survey. Beginning with the first followup and continuing through the fourth followup, about 1,300 schools participated in the survey and slightly under 23,500 students were sampled. The response rates for each of the different rounds of data collection have been 80 percent or higher.

Sample retention rates across the survey years have been quite high. For example, of the individuals responding to the base-year questionnaire, the percentages who responded to the first, second, third, and fourth followup questionnaires were about 94, 93, 89, and 83 percent, respectively.

Further information on NLS:72 may be obtained from:

Aurora M. D'Amico
Postsecondary Coop System, Analysis, and
Dissemination (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Aurora.D'Amico@ed.gov or
<http://nces.ed.gov/surveys/nls72/>

National Postsecondary Student Aid Study

The National Postsecondary Student Aid Study (NPSAS) is a comprehensive nationwide study of how students and their families pay for postsecondary education. It covers national representative samples of undergraduates, graduates, and first-professional students, including students attending less than 2-year institutions, 2- to 3-year schools, 4-year colleges, and major universities. Participants included students who do not receive aid and their parents, as well as students who do receive financial aid and their parents. Study results are used to help determine future federal policy regarding student financial aid. The study was conducted every 3 years. Beginning in 1999–2000, the survey will be conducted every 4 years.

The first NPSAS was conducted during the 1986–87 school year. Data were gathered from about 1,074 colleges, universities, and other postsecondary institutions; 60,000 students; and 14,000 parents. These data provided information on the cost of post-

secondary education, the distribution of financial aid, and the characteristics of both aided and nonaided students and their families.

As a part of NPSAS:93, information on 77,000 undergraduates and graduate students enrolled during the school year was collected at 1,000 postsecondary institutions. The sample included students enrolled at any time between July 1, 1992 and June 30, 1993. About 66,000 students and a subsample of their parents were interviewed by telephone. NPSAS:96 contains information on more than 48,000 undergraduate and graduate students from 973 postsecondary institutions. Students were enrolled at any time during the 1995–96 school year.

Further information on NPSAS may be obtained from:

Andrew G. Malizio
Postsecondary Longitudinal and Sample Survey
Studies (PSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Andrew.Malizio@ed.gov
<http://nces.ed.gov/npsas/>

National Study of Postsecondary Faculty

This study is in response to a continuing need for data on faculty and instructors—persons who directly affect the quality of education in postsecondary institutions. They often determine curriculum content, student performance standards, and the quality of students' preparation for careers. Faculty members perform important research and development work and perform public service activities. The National Study of Postsecondary Faculty (NSOPF) was designed to provide data about faculty to postsecondary researchers, planners, and policymakers. NSOPF is the most comprehensive study of faculty in postsecondary educational institutions ever undertaken.

The first cycle of NSOPF was conducted by the National Center for Education Statistics (NCES) with support from the National Endowment for the Humanities (NEH) in 1987–88 (NSOPF:88) with a sample of 480 colleges and universities, over 3,000 department chairpersons, and over 11,000 instructional faculty. The second cycle of NSOPF was conducted by NCES with support from NEH and the National Science Foundation (NSF) in 1992–93 (NSOPF:93). NSOPF:93 was limited to surveys of institutions and faculty, but with a substantially expanded sample of 974 colleges and universities, and 31,354 faculty and instructional staff. NSOPF:99 included 960 degree-granting postsecondary institutions and approximately 18,000 faculty and instructional staff questionnaires were completed.

Further information on NSOPF may be obtained from:

Linda J. Zimbler
 Postsecondary Longitudinal and Sample Survey
 Studies (PSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
 Linda.Zimbler@ed.gov
<http://nces.ed.gov/surveys/nsopf/>

Projections of Education Statistics

Since 1964, NCES has published projections of key statistics for elementary and secondary schools and institutions of higher education. These projections include statistics such as enrollments, instructional staff, graduates, earned degrees, and expenditures. The *Projections* reports include several alternative projection series and a methodology section describing the techniques and assumptions used to prepare them. Data in this edition of the *Digest* reflect the middle alternative projection series.

Differences between the reported and projected values are, of course, almost inevitable. An evaluation of past projections revealed that, at the elementary and secondary level, projections of enrollments have been quite accurate: mean absolute percentage differences for enrollment were less than 1 percent for projections from 1 to 5 years in the future, while those for teachers were less than 4 percent. At the higher education level, projections of enrollment have been fairly accurate: mean absolute percentage differences were 5 percent or less for projections from 1 to 5 years into the future.

Further information on *Projections of Education Statistics* may be obtained from:

Debra E. Gerald
 Annual Reports Program (ECICSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
 Debra.Gerald@ed.gov
www.nces.ed.gov/edstats/

Public School Kindergarten Teachers' Views on Children's Readiness for School

This sample survey of 1,448 public school kindergarten teachers was conducted as part of a national early childhood assessment system for National Education Goal One: "By the year 2000, all American children will start school ready to learn." The survey obtained data on kindergarten teachers' views of children's readiness and on the teachers' classroom practices.

Further information on *Public School Kindergarten Teachers' Views on Children's Readiness for School* may be obtained from:

Shelley Burns
 Data Development Program (ECICSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
 Shelley.Burns@ed.gov
www.nces.ed.gov/surveys/frss/

Public School Principal Survey on Safe, Disciplined, and Drug-Free Schools

This sample survey used the NCES Fast Response Survey System (FRSS), which is designed to gather timely information for policymakers. The survey was conducted in 1991 by Westat, Inc. A national sample of 830 public school principals, represented by a response rate of 94 percent, answered questions regarding the extent of discipline problems within their schools. They were also questioned about the nature and effectiveness of their schools' current policies and drug education programs.

This survey categorized principals by instructional level (elementary, secondary), type of school location (city, urban fringe, town, rural), enrollment size (less than 300, 300 to 999, 1,000 or more), region (Northeast, Central, Southeast, and West), and percentage of students receiving free or reduced-price lunches (10 percent or less, 11 to 40 percent, 41 percent or more).

Further information on *Public School Principal Survey on Safe, Disciplined, and Drug-Free Schools* may be obtained from:

Shelley Burns
 Data Development Program (ECICSD)
 National Center for Education Statistics
 1990 K Street NW
 Washington, DC 20006
 Shelley.Burns@ed.gov
www.nces.ed.gov/surveys/frss/

Survey of Recent College Graduates

Since 1976, NCES has conducted six surveys of baccalaureate and master's degree recipients 1 year after graduation. The Recent College Graduates (RCG) surveys have concentrated on those graduates entering the teaching profession. The surveys link major field of study with outcomes such as whether the respondent entered the labor force or was seeking additional education. Data on labor force includes employment status (unemployed, part-time or full-time employed), occupation, salary, career potential, relation to major field of study, and need for a college degree. To obtain accurate results on teachers, graduates with a major in education

were oversampled. The latest two surveys continued to oversample education majors, but increased the sampling of graduates with majors in other fields.

The survey involved a two-stage sampling procedure. First, the universe of institutions awarding bachelor's and master's degrees was stratified by number or percentage of degrees awarded to education graduates and by control of institution (public or private). A sample of institutions within each stratum was then selected. Second, for each of the selected institutions, a list of their graduates by major field of study was obtained and a sample of graduates was drawn by major field of study. Graduates in certain major fields of study (e.g., education, mathematics, physical sciences) were sampled at higher rates than graduates in other fields. Roughly 1 year after graduation, the sample of graduates was located, contacted by mail or telephone, and asked to respond to the questionnaire.

The locating process was more detailed than in most surveys. Nonresponse rates were directly related to the time, effort, and resources used in locating graduates, rather than to graduates' refusals to participate. Despite the difficulties in locating graduates, response rates for recent studies are comparable to studies without locating problems.

The 1976 survey of 1974–75 college graduates was the first, and smallest of the series. The sample consisted of 211 schools, of which 200 (96 percent) responded. Of the 5,854 graduates in the sample, 4,350 responded, for a response rate of 79 percent.

The 1981 survey was somewhat larger, with a coverage of 297 institutions and 15,852 graduates. Responses were obtained from 283 institutions, for an institutional response rate of 95 percent, and from 9,312 graduates (716 others were determined to be out of scope), for a response rate of 74 percent.

The 1985 survey sampled 404 colleges and 18,738 graduates of whom 17,853 were found to be in scope. Responses were obtained from 13,200 students, for a response rate of 78 percent. The response rate for the colleges was 98 percent. The 1987 survey form was sent to 21,957 graduates. Responses were received from 16,878, for a response rate of 79.7 percent.

RCG:91 involved a sample of 18,135 graduates of 400 bachelor's and master's degree-granting institutions. The 18,135 graduates consisted of 16,172 bachelor's degrees recipients and 1,963 master's degree recipients receiving diplomas between July 1, 1989 and June 30, 1990. Random samples of graduates were selected from lists stratified by field of study. Graduates in education, mathematics, and the physical sciences were sampled at a higher rate, as were minority graduates to provide a sufficient number of these graduates for analysis purposes. The graduates included in the sample were selected in

proportion to the institution's number of graduates. The institutional response rate was 95 percent and the graduate response rate was 83 percent.

Table A5 contains sample sizes for number of graduates, by field, for the 1976, 1981, 1985, 1987, and 1991 surveys.

This survey system has been replaced by a new data collection entitled *Baccalaureate and Beyond Longitudinal Study* (see listing above).

Further information on the RCG survey may be obtained from:

Paula Knepper
Postsecondary Studies Division
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Paula.Knepper@ed.gov
<http://nces.ed.gov/surveys/rcg/>

Schools and Staffing Survey

The Schools and Staffing Survey (SASS) is a set of linked questionnaires that covers public school districts, public and private schools, principals, and teachers as its core components. SASS was first conducted for the National Center for Education Statistics by the Bureau of the Census during the 1987–88 school year. SASS subsequently was conducted in 1990–91, 1993–94, and 1999–2000. SASS data are reported through a mail questionnaire with telephone followup. SASS collects data on the nation's public and private elementary and secondary teaching force, characteristics of schools and school principals, demand for teachers, and school/school district policies. The 1990–91, 1993–94, and 1999–2000 SASS also obtained data on Bureau of Indian Affairs (BIA) or tribally run schools. For the first time, SASS, 1999–2000 included the entire universe of charter schools known to be in operation during 1998–99. SASS data are collected through a sample survey of schools, the school districts associated with sampled schools, school principals, school library/media centers, and teachers.

Both the 1993–94 and 1999–2000 SASS estimates are based upon a sample consisting of approximately 9,900 public schools, 3,600 private schools, and 5,500 public school districts associated with the public schools in the sample. From these schools, about 56,000 public school teachers and 10,700 private school teachers were selected for the 1993–94 and 1999–2000 SASS teacher surveys. The 1999–2000 SASS included 1,100 charter schools, and a sample of 4,400 charter school teachers.

The public school sample for the 1999–2000 SASS was based on the 1997–98 school year Common Core of Data (CCD), the compilation of all the nation's public school districts and public schools. CCD

is collected annually from state education agencies. The frame includes regular public schools, Department of Defense-operated military base schools in the United States, and other schools, such as special education, vocational, and alternative schools. SASS is designed to provide national estimates for public and private school characteristics and state estimates for school districts, public schools, principals, and teachers. The teacher survey is designed as well to allow comparisons between new and experienced teachers, and between bilingual/ESL teachers and other teachers.

The private school sample for 1993–94 SASS was selected from the 1991–92 Private School Universe Survey (PSS) (1997–98 PSS for the 1999–2000 SASS), supplemented with list updates from states and some associations available in time for sample selection. PSS collects basic data on all of the nation's private schools from two sources: the list frame and the area search frame. The list frame was compiled from a set of private school associations that provide NCES with their membership lists and states that gather lists of private schools. The area search frame consisted of schools not included on the list frame that were compiled from local sources in a sample of counties around the United States. Private school estimates are available at the national level and by type of private school.

The 1993–94 Teacher Demand and Shortage (TDS) and School Principal Questionnaires were mailed out first in October 1993, along with School Library/Media Center and Library Media Specialist/Librarian Questionnaires. The weighted response rate for the Teacher Demand and Shortage Questionnaire was 93.9 percent. Weighted response rates for the Public School Principal Questionnaire and the Private School Questionnaire were 96.6 percent and 87.6 percent, respectively.

In December 1993, public, private, and BIA school questionnaires were mailed out as part of the 1993–94 SASS. The public, private, and BIA teacher questionnaires were sent out in several batches, between mid-December 1993 and early February 1994. Weighted response rates for the Public School Questionnaire and the Private School Questionnaire were 92.3 percent and 83.2 percent, respectively. Five percent of public schools and 9 percent of private schools did not provide a list of teachers in their schools and were thus ineligible for sampling. Weighted response rates were 88.2 percent for public school teachers and 80.2 percent for private school teachers.

Item response rates were varied, but generally high, ranging from 67 to 100 percent for the 1993–94 TDS, 65 to 100 percent for public school principal questions, 55 to 100 percent for private school principal items, 83 to 100 percent for public school items,

61 to 100 percent for private school survey items, 71 to 100 percent for public school teacher items, and 69 to 100 percent for private school teacher items.

For SASS, 1999–2000, the School District and School Principal Questionnaires were mailed out first in October 1999, along with School Library/Media Center Questionnaires. The unweighted response rate for the School District Questionnaire was 90.6 percent. Unweighted response rates for the Public School Principal Questionnaire, the Private School Principal Questionnaire, and the Charter School Principal Questionnaire were 92.8 percent, 88.6 percent, and 94.6 percent, respectively.

In December 1999, public, private, charter, and BIA school questionnaires were mailed out as part of the 1999–2000 SASS. The public, private, charter, and BIA teacher questionnaires were sent out in several batches, between mid-December 1999 and February 2000. Unweighted response rates for the Public School Questionnaire, the Private School Questionnaire, and the Charter School Questionnaire were 90.0 percent, 79.8 percent, and 86.1 percent, respectively. Seven percent of public schools, 13 percent of private schools, and 9 percent of charter schools did not provide a list of teachers in their schools and were thus ineligible for sampling. Weighted response rates were 83.0 percent for public school teachers, 77.0 percent for private school teachers, and 78.3 percent for charter school teachers.

Public-use data files will be available on CD-ROM (2002 forthcoming). Restricted-use data files are also available to approved, licensed users. Summary data from the 1999–2000 SASS can be found in the forthcoming *Schools and Staffing Survey, 1999–2000: Overview of the Data* (NCES 2002–313). Further information about the sample design may be obtained from the *1999–2000 Schools and Staffing Survey: Sample Design and Estimation* (forthcoming). There also is a methodology report on SASS, *A Quality Profile for SASS, Rounds 1–3: 1987 to 1995* (NCES 2000–308). The SASS homepage at the address below contains updates on the latest publications.

Further information on SASS may be obtained from:

Kerry Gruber
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Kerry.Gruber@ed.gov
<http://nces.ed.gov/surveys/sass/>

Private School Universe Survey

The purposes of Private School Survey (PSS) data collection activities are: to build an accurate and

complete list of private schools to serve as a sampling frame for NCES sample surveys of private schools; and to report data on the total number of private schools, teachers, and students in the survey universe. The PSS is conducted every 2 years with collections in 1989–90, 1991–92, 1993–94, 1995–96, 1997–98, and 1999–2000 school years. The next survey will be in the 2001–02 school year.

The PSS produces data similar to that of the CCD for the public schools, and can be used for public-private comparisons. The data are useful for a variety of policy and research-relevant issues, such as the growth of religiously affiliated schools, the number of private high school graduates, the length of the school year for various private schools, and the number of private school graduates, the length of the school year for various private schools, and the number of private school students and teachers.

The target population for the universe survey consists of all private schools in the United States that meet NCES criteria of a school (e.g., private school is an institution which provides instruction for any of grades K through 12, has one or more teachers to give instruction, is not administered by a public agency, and is not operated in a private home). The survey universe is composed of schools identified from a variety of sources. The main source is a list frame, initially developed for the 1989–90 PSS. The list is updated regularly matching it with lists provided by nationwide private school associations, state departments of education, and other national guides and sources which list private schools. The other source is an area frame search in approximately 120 geographic areas, conducted by the Bureau of the Census.

Further information on PSS may be obtained from:

Steve Broughman
Elementary/Secondary Sample Survey Studies
Program (ESLSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Stephen.Broughman@ed.gov
<http://nces.ed.gov/surveys/pss/>

The Third International Mathematics and Science Study

The Third International Mathematics and Science Study (TIMSS) is the largest, most comprehensive, and most rigorous international comparison of education ever undertaken. During the 1995 school year, the study tested the mathematics and science knowledge of half a million students from 42 nations at three different grade levels. At the same time, the students, their teachers, and the principals of their schools were asked to respond to questionnaires

about their backgrounds and their attitudes, experiences, and practices in the teaching and learning of mathematics and science. In 1999, the Third International Mathematics and Science Study—Repeat (TIMSS–R) compared the mathematics and science achievement of 8th-graders in 38 countries.

TIMSS is a collaborative research project sponsored by the International Association for the Evaluation of Educational Achievement (IEA). The TIMSS International Study Center is housed in the Center for the Study of Testing, Evaluation, and Educational Policy (CSTEPP) at Boston College. The TIMSS International Study Director, Albert E. Beaton, directs the international activities of the study, together with his staff at the International Study Center.

Further information on TIMSS may be obtained from:

Dr. Albert Beaton,
TIMSS International Study Director
CSTEPP, Campion Hall 323
Boston College
Chestnut Hill, MA 02467
<http://nces.ed.gov/timss/>

Other Department of Education Agencies

Office for Civil Rights

Elementary and Secondary Civil Rights Compliance Report (Survey)

The Office for Civil Rights (OCR), U.S. Department of Education, conducts biennial surveys of public school districts and of schools within those districts. Data are obtained on the characteristics of pupils enrolled in public schools throughout the nation. Such information is required under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973 to enable OCR to carry out its compliance responsibilities. The 1990 survey included the 100 largest public school districts, those of special interest (i.e., court order, compliance review), and a stratified random sample of approximately 3,500 districts representing approximately 40,000 schools. School, district, and national data are currently available.

Further information on the Elementary and Secondary Civil Rights Compliance Report (Survey) may be obtained from:

Peter McCabe
Office for Civil Rights
U.S. Department of Education
330 C Street SW
Washington, DC 20202
<http://www.ed.gov/offices/OCR/>

The Office of Special Education and Rehabilitative Services

Annual Report to Congress on the Implementation of the Education of the Handicapped Act

The Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act (EHA), requires the Secretary of Education to transmit to Congress annually, a report describing the progress in serving the nation's disabled children. The annual report contains information on children served by the public schools under the provisions of Part B of the IDEA and for children served in state-operated programs (SOP) for the handicapped under Chapter I of the Elementary and Secondary Education Act (ESEA). Statistics on children receiving special education and related services in various settings and school personnel providing such services are reported in an annual submission of data to the Office of Special Education and Rehabilitative Services (OSERS), by the 50 states, the District of Columbia, and the outlying areas. The child count information is based on the number of disabled children receiving special education and related services on December 1st of each year.

Since each participant in programs for the disabled is reported to OSERS, the data are not subject to sampling error. However, nonsampling error can occur from a variety of sources. Some states follow a noncategorical approach to the delivery of special education services, but produce counts by disabling condition because EHA-B requires it. In those states that do categorize their disabled students, definitions and labeling practices vary.

Further information on the Annual Report to Congress may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative Services
330 C Street SW
Washington, DC 20202
www.ed.gov/offices/OSERS/OSEP/index.html

National Longitudinal Transition Study of Special Education Students

As part of the 1983 amendments to the Education of the Handicapped Act (EHA), Congress requested that the U.S. Department of Education conduct a national longitudinal study of the transition of secondary special education students to determine how they fare in terms of education, employment, and independent living. A 5-year study was mandated, which was to include youth from ages 13 to 21 who were in special education at the time they were selected and who represented all 11 federal disability cat-

egories. Data were drawn from extensive telephone interviews with parents, from school records, and from a survey of educators in secondary schools attended by youth in the study.

The study was conducted by SRI International and began in April, 1987. The National Transition Study involves a nationally representative sample of more than 8,000 secondary-age youth with disabilities. A sample of 450 school districts was randomly selected from the universe of approximately 14,000 school districts serving secondary special education students. An additional replacement sample of 176 additional districts was selected due to a low rate of agreement to participate from the initial group of districts. Participation in the study was invited from the approximately 80 special schools serving secondary-age deaf, blind, and deaf-blind schools. A total of approximately 300 school districts and 25 special schools agreed to have youth selected for the study.

Further information on the National Longitudinal Transition Study of Special Education Students may be obtained from:

Office of Special Education Programs
Office of Special Education and Rehabilitative Services
330 C Street SW
Washington, DC 20202
www.ed.gov/offices/OSERS/OSEP/index.html

Other Governmental Agencies

Bureau of the Census

Current Population Survey

Current estimates of school enrollment rates, as well as social and economic characteristics of students, are based on data collected in the Census Bureau's monthly household survey of about 50,000 dwelling units. The monthly Current Population Survey (CPS) sample consists of 754 areas comprising 2,007 geographic areas, independent cities, and minor civil divisions throughout the 50 states and the District of Columbia. The samples are initially selected based on the decennial census files and are periodically updated to reflect new housing construction.

The monthly CPS deals primarily with labor force data for the civilian noninstitutional population (i.e., excluding military personnel and their families living on post and inmates of institutions). In addition, in October of each year, supplemental questions are asked about highest grade completed, level and grade of current enrollment, attendance status, number and type of courses, degree or certificate objective, and type of organization offering instruction for each member of the household. In March of each year, supplemental questions on income are asked.

The responses to these questions are combined with answers to two questions on educational attainment: highest grade of school ever attended, and whether that grade was completed.

The estimation procedure employed for monthly CPS data involves inflating weighted sample results to independent estimates of characteristics of the civilian noninstitutional population in the United States by age, sex, and race. These independent estimates are based on statistics from decennial censuses; statistics on births, deaths, immigration, and emigration; and statistics on the population in the armed services. Generalized standard error tables are provided in the *Current Population Reports*. The data are subject to both nonsampling and sampling errors.

Further information on CPS may be obtained from:

Education and Social Stratification Branch
Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.bls.census.gov/cps/cpsmain.htm>

Educational Attainment Data on years of school completed are derived from two questions on the Current Population Survey (CPS) instrument. Formal reports documenting educational attainment are produced by the Bureau of the Census using March CPS results. The latest report is *Educational Attainment in the United States, March 2000, Series P20-536*, which is available from the Government Printing Office.

In addition to the general constraints of CPS, some data indicate that the respondents have a tendency to overestimate the educational level of members of their household. Some inaccuracy is due to a lack of the respondent's knowledge of the exact educational attainment of each household member and the hesitancy to acknowledge anything less than a high school education. Another cause of nonsampling variability is the change in the numbers in the armed services over the years.

Caution should also be used when comparing newer data, which reflect 1990 census-based population controls, with data from March 1993 and earlier years, which reflect 1980 or earlier census-based population controls. This change in population controls had relatively little impact on summary measures such as means, medians, and percentage distributions. It did have a significant impact on levels. For example, use of 1990 based population controls results in about a 1 percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for data collected in 1994 and later years will differ from those for earlier years by more than what could be attributed to actual changes in the population. These

differences could be disproportionately greater for certain subpopulation groups than for the total population.

Examples of the sampling variability in the estimates of educational attainment are given in table A7. For the March 2000 basic CPS, the nonresponse rate was 7.0 percent and for the supplement the nonresponse rate was an additional 8.0 percent for a total supplement nonresponse rate of 14.4 percent.

The figures shown in the table hold for total or white population estimates only. The variability in estimates for subgroups (region, household relationships, etc.) can be estimated using the tables presented in *Current Population Reports*. Further information on the Current Population Survey may be obtained from the CPS Web Site at: <http://www.bls.census.gov/cps/cpsmain.htm>

Further information on CPS "Educational Attainment in the United States" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/population/www/socdemo/educ-attn.html>

School Enrollment Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over, in addition to the monthly basic survey on labor force participation. The main sources of nonsampling variability in the responses to the supplement are those inherent in the survey instrument. The question of current enrollment may not be answered accurately for various reasons. Some respondents may not know current grade information for every student in the household, a problem especially prevalent for households with members in college or in nursery school. Confusion over college credits or hours taken by a student may make it difficult to determine the year in which the student is enrolled. Problems may occur with the definition of nursery school (a group or class organized to provide educational experiences for children), where respondents' interpretations of "educational experiences" vary.

The 2000 CPS sample was selected from the 1990 Decennial Census files with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. The United States was divided into 2,007 geographic areas. In most states, a geographic area consisted of a county or several contiguous counties. In some areas of New England and Hawaii, minor civil divisions are used instead of counties. A total of 754 geographic areas were selected for sample. About 50,000 occupied households are eligible for

interview every month. Interviewers are unable to obtain interviews at about 3,200 of these units. This occurs when the occupants are not found at home after repeated calls or are unavailable for some other reason. For the October 2000 basic CPS, the non-response rate was 6.8 percent, and for the school enrollment supplement the nonresponse rate was an additional 3.1 percent for a total supplement non-response rate of 9.7 percent. Examples of sampling variability in the estimates of school enrollment rates are given in table A6.

Further information on CPS methodology may be obtained from:

<http://www.bls.census.gov/cps/cpsmain.htm>

Further information on CPS "School Enrollment" may be obtained from:

Education and Social Stratification Branch
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233

<http://www.census.gov/population/www/socdemo/school.html>

Dropouts Each October, the Current Population Survey (CPS) includes supplemental questions on the enrollment status of the population 3 years old and over as part of the monthly basic survey on labor force participation. In addition to gathering the information on school enrollment, with the limitations as noted under "School Enrollment," the survey data permit calculations of dropout rates. Both status and event dropout rates are tabulated from the CPS Survey. The *Digest* provides information using the status rate calculation. Event rates describe the proportion of students who leave school each year without completing a high school program. Status rates provide cumulative data on dropouts among all young adults within a specified age range. Status rates are higher than event rates because they include all dropouts ages 16 through 24, regardless of when they last attended school.

In addition to other survey limitations, dropout rates may be affected by survey coverage and exclusion of the institutionalized population. The incarcerated population has grown more rapidly than the general population, and they have a higher dropout rate than the general population. Dropout rates for the total population might be higher than those for the noninstitutionalized population if the prison and jail populations were included in the dropout rate calculations. On the other hand, the inclusion of military personnel, who tend to be high school graduates, might offset some or all of the impact from the inclusion of the jail and prison population.

Another area of concern with tabulations involving young people in household surveys is the relatively

low coverage ratio compared to older age groups. CPS undercoverage results from missed housing units and missed persons within sample households. Overall CPS undercoverage is estimated to be about 8 percent. CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for blacks and other races combined than for whites. For example, the undercoverage ratio for black 20- to 29-year-olds males is 34 percent. Ratio estimation to independent age-sex-race-Hispanic population controls partially corrects for the bias due to undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics from those of interviewed persons in the same age-sex-race-origin-state group. Further information on CPS methodology may be obtained from:

<http://www.bls.census.gov/cps/cpsmain.htm>

Further information on calculation of dropouts and dropout rates may be obtained from the NCES *Dropout Rates in the United States: 2000* at:

<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2002144> or by contacting,

Chris Chapman
Early Childhood Longitudinal Study Program
(ECICSD)
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
Chris.Chapman@ed.gov

Government Finances

The Census Bureau conducts an annual survey of *Government Finances* as authorized by law under Title 13, United States Code, Section 182. This survey covers the entire range of government finance activities: revenue, expenditure, debt, and assets. Revenues and expenditures comprise actual receipts and payments of a government and its agencies, including government-operated enterprises, utilities, and public trust funds. The expenditure reporting categories comprise all amounts of money paid out by a government and its agencies with the exception of amounts for debt retirement and for loan, investment, agency, and private trust transactions.

Most of the federal government statistics are based on figures that appear in *The Budget of the United States Government*. Since the classification used by the Census Bureau for reporting state and local government finance statistics differs in a number of important respects from the classification used in the United States Budget, it was necessary to adjust the federal data. For this report, federal budget expenditures include interest accrued, but not paid,

during the fiscal year; Census data on interest are on a disbursement basis.

The state government finances are based primarily on the annual Census Bureau survey of state finances. Census staff compiled figures from official records and reports of the various states for most of the state financial data.

The sample of local governments is drawn from the periodic Census of Governments and consists of certain local governments taken with certainty plus a sample below the certainty level.

The statistics in *Government Finances* that are based wholly or partly on data from the sample are subject to sampling error. State government finance data are not subject to sampling error. Estimates of major United States totals for local governments are subject to a computed sampling variability of less than one-half of 1 percent. The estimates are also subject to the inaccuracies in classification, response, and processing which would occur if a complete census had been conducted under the same conditions as the sample.

Further information on *Government Finances* may be obtained from:

Governments Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/govs/www/index.html>

1990 Census of Population—Education in the United States

This report is based on a part of the decennial census which consists of questions asked of a one-in-six sample of persons and housing units in the United States. This sample was asked more detailed questions about income, occupation, and housing costs in addition to general demographic information.

School Enrollment Persons classified as enrolled in school reported attending a “regular” public or private school or college at any time between February 1, 1990, and the time listed. Questions asked were whether the institution attended was public or private, and level of school in which the student was enrolled.

Educational Attainment Data for educational attainment were tabulated for persons 15 years and over, and classified according to the highest grade completed or the highest degree received. Instructions were also given to include the level of the previous grade attended or the highest degree received for persons currently enrolled in school.

Poverty status To determine poverty status, answers to income questions were used and compared to the appropriate poverty threshold. All persons except institutionalized persons, persons in military

group quarters and in college dormitories, and unrelated persons under 15 years old were considered. If total income of each family or unrelated individual in the sample was less than the corresponding cutoff, that family or individual was classified as “below the poverty level.”

Further information on the 1990 Census of population may be obtained from:

Population Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233
<http://www.census.gov/prod/www/abs/decennial.html>

Bureau of Labor Statistics

Unemployment Surveys

Statistics on the employment status of the population and related data are compiled by the Bureau of Labor Statistics (BLS) using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the Bureau of the Census through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Each month about 50,000 occupied units are eligible for interview. Some 3,200 of these households are contacted, but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey that ranges between 6 and 7 percent. In addition to the 50,000 occupied units, there are 9,000 sample units in an average month which are visited, but found to be vacant or otherwise not eligible for enumeration.

The current sample design, introduced in January 1996, includes about 59,000 households from 754 sample areas and maintains a 1.9 percent coefficient of variation (cv) on national monthly estimates of unemployment level. This translates into a change of 0.2 percentage points in the unemployment rate being significant at a 90 percent confidence level. For each of the 50 states and for the District of Columbia, the design maintains a cv of 8 percent on the annual average estimate of unemployment level, assuming a 6 percent unemployment rate.

Further information on unemployment surveys may be obtained from:

Mary Bowler
Bureau of Labor Statistics
U.S. Department of Commerce
2 Massachusetts Avenue NE
Washington, DC 20212
<http://www.bls.gov/eag/eag.us.htm>

Consumer Price Indexes

The Consumer Price Index (CPI) represents changes in prices of all goods and services purchased for consumption by urban households. Indexes are available for two population groups: a CPI for All Urban Consumers (CPI-U) and a CPI for Urban Wage Earners and Clerical Workers (CPI-W). Price Indexes are available for the United States, the four Census regions, size of city, cross-classifications of regions and size-classes, and for 26 local areas. The major uses of the CPI include the CPI as an economic indicator, as a deflator of other economic series, and as a means of adjusting income payments.

Further information on consumer price indexes may be obtained from:

Consumer Price Indexes
Bureau of Labor Statistics
U.S. Department of Commerce
2 Massachusetts Avenue NE
Washington, DC 20212
<http://stats.bls.gov/cpiovrw.htm>

National Institute on Drug Abuse

The National Institute on Drug Abuse of the U.S. Department of Health and Human Services is the primary supporter of the long-term study entitled "Monitoring the Future: A Continuing Study of the Lifestyles and Values of Youth," conducted at the University of Michigan, Institute for Social Research. One component of the study deals with student drug abuse. Results of a national sample survey have been published annually since 1975. With the exception of 1975, when about 9,400 students participated in the survey, the annual senior samples are comprised of roughly 16,000 students in 133 schools. They complete self-administered questionnaires given to them in their classrooms by University of Michigan personnel. Beginning in 1991, similar surveys of nationally representative samples of 8th- and 10th-grade students have been conducted annually. The 10th-grade samples involve about 17,000 students in 140 schools each year, while the 8th-grade samples have approximately 18,000 students in 150 schools. In all, approximately 50,000 students from 420 public and private secondary schools are surveyed annually. Over the years, the response rate has varied from 77 to 84 percent. Table A8 provides examples of the survey's sampling error.

Understandably, there will be some reluctance to admit illegal activities. Also, students who were out of school on the day of the survey were nonrespondents. The survey did not include high school dropouts. The inclusion of these two groups would tend to increase the proportion of individuals who had

used drugs. A 1983 study found that the inclusion of the absentees could increase some of the drug usage estimates by as much as 2.7 percentage points. (Details on that study and its methodology were published in *Drug Use Among American High School Students, College Students, and Other Young Adults*, by Lloyd D. Johnston, Patrick M. O'Malley, and Jerald G. Bachman, available from the National Clearinghouse on Drug Abuse Information, 5600 Fishers Lane, Rockville, MD 20857.)

Further information Monitoring the Future drug abuse survey may be obtained from:

National Institute of Drug Abuse
Division of Epidemiology and Statistical Analysis
5600 Fishers Lane
Rockville, MD 20857
<http://www.isr.umich.edu/src/mtf/index.html>

National Science Foundation

Survey of Earned Doctorates Awarded in the United States

The Survey of Earned Doctorates Awarded in the United States has collected basic statistics from the universe of doctoral recipients in the United States each year since 1958. It has been supported by five federal agencies: the National Science Foundation, in conjunction with the U.S. Department of Education; the National Endowment for the Humanities; the U.S. Department of Agriculture; and the National Institutes of Health.

A survey form is distributed with the assistance of graduate deans, to each person completing the requirements for a doctorate. Of the 41,140 new research doctorates granted in 1999, the response rate was 92 percent. The questionnaire obtains information on sex, race/ethnicity, marital status, citizenship, handicaps, dependents, specialty field of doctorate, educational institutions attended, time spent in completion of doctorate, financial support, educational debt, postgraduation plans, and educational attainment of parents. The data are collected, edited, and published by the National Academy of Sciences.

Further information on the Survey of Earned Doctorates Awarded in the United States may be obtained from:

Science and Engineering Education and Human Resources Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/ssed/start.htm>

Federal Obligations to Universities, Colleges, and Nonprofit Institutions

Each year, the National Science Foundation collects data on obligations to colleges and universities from federal agencies. Obligations differ from expenditures, in that funds obligated during one fiscal year may be spent by the recipient in later years. Obligation amounts include direct federal support, so that amounts subcontracted to other institutions are included. Those funds received through subcontracts from prime contractors are excluded. Also excluded from the data are certain types of financial assistance, such as the U.S. Department of Education's Guaranteed Student Loan Program and obligations to the U.S. service academies. For purposes of tabulations in this publication, university-administered federally funded research and development centers (FFRDCs) have been included in appropriate state totals.

The universe of academic institutions for this survey is based on the Integrated Postsecondary Education Data System conducted by the National Center for Education Statistics (see above). Institutions without federal support were excluded and some systems were combined into single reporting units.

Further information on *Federal Support to Universities, Colleges, and Nonprofit Institutions* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/fedsuppt/>

Survey of Scientific and Engineering Expenditures at Universities and Colleges

The National Science Foundation's annual academic survey collects data on research and development expenditures in the sciences and engineering from a sample of 573 institutions in the United States and outlying areas. Those institutions were selected from the universe of 595 schools that grant a graduate science or engineering degree and/or perform activities for which at least \$50,000 has been funded from separately budgeted R&D expenditures. In addition, the survey includes 19 university-affiliated, federally funded research and development centers (FFRDCs).

The 573 institutions sampled for FY 1998 include all doctorate-granting institutions, all historically black colleges and universities with any R&D expenditures, and a random sample of all other institutions. The response rate was 97 percent. Data presented are as-

sembled from the most recently completed survey and represent the latest totals available.

Further information on *Academic Science/Engineering, R&D Funds* may be obtained from:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
<http://www.nsf.gov/sbe/srs/sseeuc/start.htm>

Other Organization Sources

American College Testing Program

The American College Testing (ACT) Assessment is designed to measure educational development in the areas of English, mathematics, social studies, and natural sciences. The ACT Assessment is taken by college-bound high school students and the test results are used to predict how well students might perform in college.

Prior to the 1984–85 school year, national norms were based on a 10 percent sample of the students taking the test. Since then, national norms are based on the test scores of all students taking the test. Moreover, beginning with 1984–85, these norms have been based on the most recent ACT scores available from students scheduled to graduate in the spring of the year. Duplicate test records are no longer used to produce national figures.

Separate ACT standard scores are computed for English, mathematics, social studies, science reasoning, and, as of October 1989, reading. ACT standard scores are reported for each subject area on a scale from 1 to 36. The four ACT standard scores have a mean (average) of about 19 and a standard deviation of about 6 for college-bound students nationally. A composite score is obtained by taking the simple average of the four standard scores and is an indication of a student's overall academic development across these subject areas. Beginning with the October 1989 test date, a new version of the ACT was introduced.

It should be noted that college-bound students who take the ACT Assessment are not representative of college-bound students nationally. First, students who live in the Midwest, Rocky Mountains and Plains, and the South are overrepresented among ACT-tested students as compared with college-bound students nationally. Second, ACT-tested students tend to enroll in public colleges and universities more frequently than do college-bound students nationally.

Further information on the ACT may be obtained from:

The American College Testing Program
2201 North Dodge Street
P.O. Box 168
Iowa City, IA 52243
<http://www.act.org/news/data.html>

American Federation of Teachers

The American Federation of Teachers (AFT) has reported national and state average salaries and earnings for teachers, other school employees, government workers, and professional employees over the past 25 years. The AFT's survey of state departments of education obtains information on minimum salaries, experienced teachers reentering the classroom, and teacher age and experience. Most data from the survey are reported as received, although some data are confirmed by telephone. These data are available in the AFT's annual report *Survey and Analysis of Salary Trends*. While this serves as the primary vehicle for reporting the results of the AFT's annual survey of state departments of education, several other data sources are also used in the report.

Further information on *Survey and Analysis of Salary Trends* may be obtained from:

American Federation of Teachers
555 New Jersey Avenue NW
Washington, DC 20001
<http://www.aft.org/research/survey/index.html>

College Entrance Examination Board

The Admissions Testing Program of the College Board comprises a number of college admissions tests, including the Preliminary Scholastic Assessment Test (PSAT) and the Scholastic Assessment Test (SAT). High school students participate in the testing program as sophomores, juniors, or seniors—some more than once during these 3 years. If they have taken the tests more than once, only the most recent scores are tabulated. The PSAT and SAT report subscores in the areas of mathematics and verbal ability.

The SAT results are not representative of high school students or college-bound students nationally since the sample is self-selected. Generally, tests are taken by students who need the results to attend a particular college or university. The state totals are greatly affected by the requirements of its state colleges. Public colleges in a number of states require ACT scores rather than SAT scores. Thus, the proportion of students taking the SAT in these states is very low and is inappropriate for any comparison. In

recent years, more than 1 million high school students have taken the examination annually.

Further information on the SAT can be obtained from:

College Entrance Examination Board
Educational Testing Service
Princeton, NJ 08541
<http://www.collegeboard.org/>

Graduate Record Examinations Board

The Graduate Record Examinations (GRE) tests are taken by individuals applying to graduate or professional school. GRE offers three types of tests, the General Test, Subject Tests and the new Writing Assessment. The General Test, which is mainly offered on computer, measures verbal, quantitative, and analytical reasoning skills. These skills are not necessarily related to any particular field of study. In contrast, the Subject Tests measure achievement in 14 subject areas. Subject areas include Biochemistry, Cell and Molecular Biology, Biology, Chemistry, Computer Science, Economics, Engineering, Geology, History, Literature in English, Mathematics, Music, Physics, Psychology, and Sociology. Finally, the Writing Assessment, introduced in October 1999, consists of two analytical writing tasks. Each graduate institution or division of the institution determines which GRE tests are required for admission.

Individuals may take GRE tests more than once. Score reports only reflect scores earned within the past 5-year period.

Further information on the GRE may be obtained from:

Graduate Record Examinations Board
Educational Testing Service
Princeton, NJ 08541
<http://www.gre.org>

Council for Aid to Education

The Council for Aid to Education, Inc., (CFAE) is a not-for-profit corporation funded by contributions from businesses. CFAE largely provides consulting and research services on voluntary support to corporations and information services to education institutions. Each year CFAE conducts a survey of colleges and universities and private elementary and secondary schools to obtain information on the amounts, sources, and purposes of private gifts, grants, and bequests received during the academic year.

In the 1999–2000 study, approximately 2,973 colleges and universities were invited to participate and 1,040 responded. The response rates were much higher for the 4-year colleges than for the 2-year col-

leges. For example, 79 percent of the doctoral-level institutions, but only 7 percent of the 2-year colleges responded. CFAE estimates that about 85 percent of all voluntary support is reported in the survey because of the high participation of institutions receiving large amounts of funding.

Survey forms are reviewed by CFAE for internal consistency before preparing a computerized database. Institutional reports of voluntary support data from the CFAE Survey of Voluntary Support of Education are more comprehensive and detailed than the related data in the Integrated Postsecondary Education Data System, Finance Survey conducted by NCES. The results from the Survey of Voluntary Support of Education are published in the annual *Voluntary Support of Education*, which may be purchased from CFAE.

Further information on *Voluntary Support of Education* may be obtained from:

Director of Research
Council for Aid to Education, Inc.
51 Madison Avenue
Suite 2200
New York, NY 10010
<http://www.cae.org/VSE/vseindex.cfm>

National Catholic Educational Association

The National Catholic Educational Association (NCEA) is an organization devoted to providing leadership and service to Catholic education since 1904. NCEA began to publish *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment and Staffing* in 1970 because of the lack of educational data on the private sector. The report is based on data gathered by each of the 175 archdiocesan and diocesan offices of education in the United States. These data enable NCEA to present information on school enrollment and staffing patterns for grades PK–12. The first part of the report presents data concerning the context of American education, while the following segment focuses on statistical data of Catholic schools. Statistics include enrollment by grade level, ethnicity, and religious affiliation.

Further information on *The United States Catholic Elementary and Secondary Schools: Annual Statistical Report on Schools, Enrollment, and Staffing* may be obtained from:

Sister Dale McDonald
National Catholic Educational Association
1077 30th Street NW, Suite 100
Washington, DC 20007–6232
Mcdonald@ncea.org
<http://www.ncea.org>

Council of Chief State School Officers

The Council of Chief State School Officers (CCSSO) is a nonprofit organization of the 57 public officials who head departments of public education in every state, the outlying areas, the District of Columbia, and the U.S. Department of Defense Dependents Schools. In 1985, the CCSSO founded the State Education Assessment Center to provide a locus of leadership by the states to improve the monitoring and assessment of education. *State Education Indicators*, is the principal report of the Assessment Center's program of indicators on education. Most of the data are obtained from a member questionnaire, and the remainder of the data are from federal government agencies.

Further information on CCSSO publications may be obtained from:

Rolf Blank
State Education Assessment Center
Council of Chief State School Officers
One Massachusetts Avenue NW
7th Floor
Washington, DC 20001
<http://www.ccsso.org/>

Council of State Directors of Programs for the Gifted

The Council of State Directors of Programs for the Gifted is composed of the director or individual in the leadership position for gifted education in each of the 50 states, the District of Columbia, and the outlying areas. The Council has conducted many surveys in the past and most recently conducted two comprehensive state surveys in order to produce a profile of gifted education throughout the nation. These data are reported in the 1985, 1987, 1990, and 1994 *State of the States Gifted and Talented Education* reports. This edition of the *Digest* uses data from the 1995–96 school year.

Further information on *State of the States Gifted and Talented Education* reports is available from:

Michael Hall, Executive Director
Council of State Directors of Programs for the Gifted
c/o Office of Public Instruction
P.O. Box 202501
Helena, MT 59620–2501

Education Commission of the States

The Education Commission of the States (ECS) Clearinghouse collects information on laws and standards in the field of education and reports them periodically in *Clearinghouse Notes*. The Commission collects information about administrators, principals, and teachers. It also examines policy areas, such as assessment and testing, collective bargaining, early

childhood issues, quality education, and school schedules. The information is collected by reading state newsletters, tracking state legislation, and surveying state education agencies. Data are verified by the individual states when necessary. Even though ECS monitors state activity on a continuous basis, it updates the reports only when there is significant change in state activity.

Further information on *Clearinghouse Notes* is available from:

Kathy Christie
Education Commission of the States
707 17th Street, Suite 2700
Denver, CO 80202-3427
<http://www.ecs.org/ecs/ecsweb.nsf>

Gallup Poll

Phi Delta Kappa Survey

Each year the Gallup Poll conducts the "Public Attitudes Toward the Public Schools" survey, funded by Phi Delta Kappa. The survey includes interviews with adults representing the civilian noninstitutional population 18 years old and over.

The sample used in the 33rd annual survey was made up of a total of 1,108 respondents and is described as a modified probability sample of the nation. Personal, in-home interviewing was conducted in representative communities. Gallup uses an unclustered, directory-assisted, random-digit telephone sample, based on a proportionate stratified sampling design. In 1999, the final sample was weighted so that the distribution corresponded with the U.S. Census Bureau's Current Population Survey (CPS) estimates for adult population living in telephone households in the continental U.S.

The survey is a sample survey and is subject to sampling error. The size of error depends largely on the number of respondents providing data. Table A9 shows the approximate sampling errors associated with different percentages and sample sizes for the survey. Table A10 provides approximate sampling errors for comparisons of two sample percentages.

For example, an estimated percentage of about 10 percent based on the responses of 1,000 sample members maintains an approximate sampling error of 2 percent at the 95 percent confidence level. The sampling error for the difference in 2 percentages (50 percent versus 41 percent) based on 2 samples of 750 members and 400 members, respectively, is about 8 percent at the 95 percent confidence level.

Further information on the "Public Attitudes Toward the Public Schools" survey may be obtained from:

Pauline Gough
Phi Delta Kappa
P.O. Box 789
Bloomington, IN 47402-0789
<http://www.pdkintl.org/kappan/k0109gal.htm>

Independent Sector Survey

In 1988, The Independent Sector commissioned the Gallup Poll to conduct a national survey on the giving and volunteering behavior of Americans. This survey is part of a series of surveys taking place every 2 years. The 1999 information was obtained from in-home personal interviews conducted from May, June, and July 1999, with a representative national sample of 2,553 adult Americans 18 or more years old. Weighting procedures were used to ensure that the sample makeup corresponds with that of the adult population of the United States. The sampling procedure did not include those with incomes above \$200,000 because they constitute such a small percentage of the population. The sampling area for this survey was plus or minus 3 percent.

The results from this survey are published in *Giving and Volunteering in the United States* and may be purchased from:

Independent Sector
1828 L Street NW
Washington, DC 20036
<http://www.independentsector.org>

International Association for the Evaluation of Educational Achievement (IEA)

The International Association for the Evaluation of Educational Achievement, known as the IEA, is comprised of research centers and scholars from around the world whose aim is to investigate education problems common among countries. In 1988, the IEA General Assembly, composed of the research institutes participating in IEA projects, decided to undertake a study of reading literacy. The study held its first National Research Coordinator (NRC) meeting in November 1988. The construction and pilot testing of instruments was conducted in the period from November 1988 to July 1990. The main testing took place in the period from October 1990 to April 1991 depending on the school year in each country. Thirty-two school systems were involved in the IEA Reading Literacy Study. Data were collected from 210,059

students, 10,518 teachers, and 9,073 schools. All students took reading tests for 2 sessions totaling 75 minutes at the 9-year-old level and 2 sessions totaling 85 minutes at the 14-year-old population. All students responded to a background questionnaire about their reading at home and at school. Teachers and school principals responded to questionnaires about themselves, their teaching and the school organization. Each national center (NCES was the center for the United States) completed a National Case Study Questionnaire.

Further information on the IEA reading literacy study may be obtained from:

Marilyn Binkley, NRC USA
National Center for Education Statistics
1990 K Street NW
Washington, DC 20006
<http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=98053>

Institute of International Education

Each year the Institute of International Education (IIE) conducts a survey of the number of foreign students studying in American colleges and universities and reports these data in *Open Doors*. All of the regionally accredited institutions in the *Education Directory, Colleges, and Universities* published by NCES are surveyed by IIE. The data presented in the *Digest* are drawn from the IIE survey which requests the total enrollment of foreign students in an institution and information on student characteristics, such as country of origin. For the 1999–2000 survey, 2,696 (over 92 percent) institutions reported data for the survey.

Additional information can be obtained from the publication *Open Doors* or by contacting:

Todd M. Davis
Institute of International Education
809 United Nations Plaza
New York, NY 10017–3580
<http://www.iie.org/opendoors/>

National Association of College and University Business Officers

The National Association of College and University Business Officers (NACUBO) is a nonprofit professional organization representing chief administrative and financial officers at more than 2,100 colleges and universities across the country. Over two-thirds of all institutions of higher learning in the United States are members of NACUBO. Each year TIAA–CREF Trust Company, the premier pension system for educators and a manager of college endowments through its subsidiary, the Trust Company conducts an in-depth study of college and university endow-

ments for NACUBO. Endowment asset ranges for 2000 NACUBO Endowment Study participants are for the fiscal year ending June 30, 2000.

Endowments include stocks, bonds, cash, and real estate that colleges and universities receive as gifts. Colleges or universities receiving endowments may not spend the endowment principal, only investment income derived from the principal. Quasi-endowments—year-end surplus assets that institutions choose to treat as permanent capital—may also be included in an investment pool's endowment composition. Also, because donors frequently stipulate that their gifts support specific programs at colleges and universities, the overall size of the endowment can be misleading in terms of available income to support the education of undergraduate students. For example, the income from an endowment gift to a medical school or law school may only be spent on those schools. In such cases, the income would not be available to support undergraduate education. Thus, at some research universities with extensive graduate and professional schools, as little as one-third of the institution's endowment may actually be available to generate income to support undergraduate programs and students.

Of the 569 responding higher education institutions, 192 were public institutions and 377 were independent colleges and universities. The survey was mailed to over 720 colleges and universities, including both NACUBO member and non-member institutions. Only a limited number of not-for-profit higher education institutions in the United States have endowments.

Further information on the 2000 NACUBO Endowment Study may be obtained from:

National Association of College and University
Business Officers (NACUBO)
2501 M Street, NW, Suite 400
Washington, DC 20037
<http://www.nacubo.org>

National Association of State Student Grant and Aid Programs

The National Association of State Student Grant and Aid Programs (NASSGAP) is an association of states with general programs of scholarship or grant assistance for undergraduate study. Executive officers responsible for grant program administration represent each state in the Association. The *30th Annual Survey Report: 1998–99 Academic Year* is produced by the New York State Higher Education Services Corporation, and data are reported for all 50 states, the District of Columbia, and Puerto Rico.

Further information on the *30th Annual Survey Report: 1998–99 Academic Year* may be obtained from:

Charles Treadwell
New York State Higher Education Services
Corporation
99 Washington Avenue, Room 1438
Albany, NY 12255
Attention: NASSGAP
<http://www.nassgap.org/researchsurveys>

National Education Association

The National Education Association (NEA) reports enrollment, expenditure, revenue, graduate, teacher, and instructional staff salary data in its annual publication, *Estimates of School Statistics*. Each year NEA prepares regression-based estimates of financial and other education statistics and submits them to the states for verification. Generally, about 30 states adjust these estimates based on their own data. These preliminary data are published by NEA along with revised data from previous years. States are asked to revise previously submitted data as final figures become available. The most recent publication contains all changes reported to the NEA.

Status of the American Public School Teacher

The *Status of the American Public School Teacher* survey is conducted every 5 years by the National Education Association (NEA). The survey was designed by the NEA Research Division and initially administered in 1956. The intent of the survey is to solicit information covering various aspects of public school teachers' professional, family, and civic lives.

Participants for the survey are selected using a two-stage sample design, with the first-stage stratum determined by the number of students enrolled in the districts. Selection probabilities are determined so that the resulting sample is self-weighting. In 1990–91, questionnaires were sent to a sample of 1,981 of the nation's approximately 2.4 million public school teachers. With an initial and four followup mailings, 1,499 questionnaires were returned, of which 145 were not usable. The sample was adjusted to 1,836 to reflect the 145 unusable responses. The response rate was 73.7 percent. In the 1995–96 survey, 1,325 public school teachers responded. The results based on this survey have a margin of error of plus or minus 2.3 percent at the 90 percent confidence level.

Possible sources of nonsampling errors are non-responses, misinterpretation, and—when comparing data over years—changes in the sampling method and instrument. Misinterpretation of the survey items should be minimal, as the sample responding is not from the general population, but one knowledgeable about the area of concern. Also, the sampling proce-

dures changed after 1956 and some wording of items has changed over the different administrations.

Since sampling is used, sampling variability is inherent in the data. An approximation to the maximum standard error for estimating the population percentages is 1.4 percent. Approximations for significance for other comparisons appear on table A11. To estimate the 95 percent confidence interval for population percentages, the maximum standard error of 1.4 percent is multiplied by 2 (1.4 x 2). The resulting percentage (2.8) is added and subtracted from the population estimate to establish upper and lower bounds for the confidence interval. For example, if a sample percentage is 60 percent, there is a 95 percent chance that the population percentage lies between 57.2 percent and 62.8 percent (60 percent \pm 2.8 percent).

Further information on *Status of the American Public School Teacher* may be obtained from:

Brooke E. Whiting
National Education Association—Research
1201 16th Street NW
Washington, DC 20036
<http://www.nea.org/nr/nr970702.html>

Organization for Economic Cooperation and Development

The Organization for Economic Cooperation and Development (OECD) publishes analyses of national policies in education, training, and economics in about 30 countries. The countries surveyed are: Australia, Austria, Belgium, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Japan, Korea, Luxembourg, Mexico, Netherlands, New Zealand, Norway, Poland, Portugal, Spain, Sweden, Switzerland, Turkey, United Kingdom, and the United States. In addition to these OECD countries, a number of other countries are participating in the related World Education Indicators (WEI) project including: Argentina, Brazil, Chile, China, Indonesia, Jordan, Malaysia, Paraguay, Philippines, Russian Federation, Thailand, and Uruguay.

In the past several years, OECD has revised its data collection procedures to highlight current education issues and improve data comparability. The Centre for Educational Research and Innovation (CERI) has developed an Indicators of Education Systems (INES) project involving representatives of the OECD countries and the OECD Secretariat to improve international education statistics. Large improvements in data quality and comparability among OECD countries have resulted from the country to country interaction sponsored through the INES and WEI projects. The most recent publication in this se-

ries is *Education at a Glance, OECD Indicators, 2001*.

Further information on INES may be obtained from:

Andreas Schleicher
INES/OECD
2, rue Andre-Pascal
75775 Paris CEDEX 16
France
Andreas.SCHLEICHER@oecd.org
<http://www.oecd.org/>

Research Associates

Research Associates annually compiles the Higher Education Price Index (HEPI) which measures average changes in prices of goods and services purchased by colleges and universities through educational and general expenditures. Sponsored research and auxiliary enterprises are not priced by HEPI.

HEPI is based on the prices (or salaries) of faculty and of administrators and other professional service personnel; clerical, technical, service, and other non-professional personnel; and contracted services, such as data processing, communication, transportation, supplies and materials, equipment, books and periodicals, and utilities. These represent the items purchased for current operations by colleges and universities. Prices for these items are obtained from salary surveys conducted by various national higher education associations, the American Association of University Professors, the Bureau of Labor Statistics, and the National Center for Education Statistics; and from components of the Consumer Price Index (CPI) and the Producer Price Index (PPI) published by the U.S. Department of Labor, Bureau of Labor Statistics.

The quantities of these goods and services have been kept constant based on the 1971–72 buying pattern of colleges and universities. The weights assigned the various items priced, which represent their relative importance in the current-fund educational and general budget, are estimated national averages. Variance in spending patterns of individual institutions from these national averages reduces only slightly the applicability of the HEPI to any given institutional situation. Modest differences in the weights attached to expenditure categories have little effect on overall index values. This is because the HEPI is dominated by the trend in faculty salaries and similar salary trends for other personnel hired by institutions, which absorbs or diminishes the effects of price changes in other items purchased in small quantities.

Further information on HEPI may be obtained from:

Kent Halstead
Research Associates
1200 North Nash Street, #225
Arlington, VA 22209
<http://www.rschassoc.com/inflation.html>

United Nations Educational, Scientific, and Cultural Organization

The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conducts annual surveys of education statistics of its member countries. Besides official surveys, data are supplemented by information obtained by UNESCO through other publications and sources. Each year more than 200 countries reply to the UNESCO surveys. In some cases, estimates are made by UNESCO for particular items such as world and continent totals. While great efforts are made to make them as comparable as possible, the data still reflect the vast differences among the countries of the world in the structure of education. While there is some agreement about the reporting of first- and second-level data, the third-level data (postsecondary education) presents numerous substantial problems. Some countries report only university enrollment while other countries report all postsecondary, including vocational and technical schools and correspondence programs. A very high proportion of some countries' third-level students attend institutions in other countries. While definition problems are many in this sort of study, other survey problems should not be overlooked. The member countries that provide data to UNESCO are responsible for their validity. Thus, data for particular countries are subject to nonsampling error and perhaps sampling error as well. Some countries may furnish only rough estimates, while data from other countries may be very accurate. Other difficulties are caused by the varying periodicity of data collection among the countries of the world. In spite of such problems, many researchers use UNESCO data because they are the best available for such a large group of countries. Users should examine footnotes carefully to recognize some of the data limitations.

Further information on the *Statistical Yearbook* may be obtained from:

UNESCO Institute for Statistics
C. P. 6128
Succursale, Centre-ville
Montreal, Quebec, H3C 3J7
Canada
<http://unesco.stat.unesco.org>

Table A1.—Respondent counts for selected High School and Beyond surveys

Classification variable and subgroup	followup survey of 1980 sophomores in 1982	followup survey of 1980 seniors in 1982	followup survey of 1980 sophomores in 1984	followup survey of 1980 seniors in 1984	followup survey of 1980 sophomores in 1986	followup survey of 1980 seniors in 1986
Total respondents (unweighted)	25,830	11,227	11,463	10,925	11,248	10,536
Sex						
Male	12,717	5,213	5,514	5,058	5,391	4,832
Female	13,113	6,014	5,949	5,867	5,857	5,704
Race/ethnicity						
White, non-Hispanic	17,295	5,180	7,285	5,057	7,194	5,246
Black, non-Hispanic	3,338	2,724	1,651	2,625	1,585	2,726
Hispanic	4,439	2,749	1,795	2,654	1,745	1,950
Asian or Pacific Islander	413	367	425	355	413	356
American Indian or Alaskan Native	248	191	253	185	246	200
Other or unclassified	97	16	54	49	65	58
Socioeconomic status composite (SES)¹						
Low	6,752	3,940	2,831	3,857	2,751	3,668
Low-middle	6,234	2,390	2,624	2,314	2,559	2,289
High-middle	6,134	2,168	2,849	2,107	2,817	1,995
High	6,341	1,988	3,086	1,936	3,044	1,900
Unclassified	369	741	73	711	77	684
Father's highest level of education						
Less than high school	5,179	—	—	—	—	—
High school graduate ²	11,961	—	—	—	—	—
College graduate ³	5,169	—	—	—	—	—
Don't know/missing	3,521	—	—	—	—	—
High school program (self-reported)						
Academic	10,152	4,145	6,547	4,007	—	3,899
General	8,789	3,829	3,468	3,764	—	3,602
Vocational	6,664	2,660	3,611	2,581	—	2,481
Unclassified	225	593	56	573	—	554
High school type						
Public	—	9,969	8,647	9,727	—	9,385
Catholic	—	964	2,479	911	—	876
Other private	—	294	337	287	—	275
Postsecondary education status⁴						
Full-time	—	—	4,466	—	—	—
Part-time	—	—	3,275	—	—	—
Never enrolled	—	—	3,678	—	—	—
Missing/unclassified	—	—	44	—	—	—
October 1980 postsecondary education attendance status						
Part-time 2-year public institution	—	—	—	—	—	352
Part-time 4-year public institution	—	—	—	—	—	152
Full-time 2-year public institution	—	—	—	—	—	1,312
Full-time 4-year public institution	—	—	—	—	—	1,986
Full-time 4-year private institution	—	—	—	—	—	1,015
Not a student	—	—	—	—	—	4,523
Other and missing	—	—	—	—	—	1,196
Postsecondary education plans						
No plans	—	—	—	—	—	1,623
Attend vocational/technical school	—	—	—	—	—	1,835
Attend college less than four years	—	—	—	—	—	1,528
Earn bachelor's degree	—	—	—	—	—	2,631
Earn advanced degree	—	—	—	—	—	2,265
Missing	—	—	—	—	—	654
Participation in high school extracurricular activities⁵						
Never participated	—	—	—	—	—	1,024
Participated as a member	—	—	—	—	—	4,104
Participated as a leader	—	—	—	—	—	4,457

—Not available.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

²Includes attendance at a vocational, trade, or business school, or 2-year college; or attendance at a 4-year college resulting in less than a bachelor's degree.

³Includes those with a bachelor's or higher level degree.

⁴Postsecondary education status was determined by students' enrollment in academic or vocational study during the four semesters—fall 1982, spring 1983, fall 1983, and spring 1984—following their scheduled high school graduation. Students who enrolled in full-time study in each of the four semesters were classified as full time. Students who were enrolled in part-time study in any of the four semesters and those who were enrolled in full-time study in fewer than four semesters were classified as part time. Stu-

dents who had neither enrolled on a full-time nor part-time basis in each of the four semesters were classified as never enrolled.

⁵Responses to questions concerning participation in each of 15 different extracurricular activity areas (i.e., varsity sports, debate, band, subject-matter clubs, etc.) were used to classify students' overall level of participation in extracurricular activities. The difference between the sum of the three category respondent counts and the total sample size is due to missing data.

NOTE: Data from students who dropped out of school between the 10th and 12th grades were not used in analyses of sophomore samples.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond surveys.

Table A2.—Design effects (DEFF) and root design effects (DEFT) for selected High School and Beyond surveys and subsamples

Classification variable and subgroup	followup survey of 1980 sophomores in 1984	followup survey of 1980 seniors in 1984	followup survey of 1980 sophomores in 1986	followup survey of 1980 seniors in 1986
Total sample	2.40 (1.54)	2.87 (1.69)	2.19 (1.47)	2.28 (1.50)
Sex				
Male	—	—	2.07 (1.43)	2.13 (1.45)
Female	—	—	2.06 (1.43)	2.26 (1.50)
Race/ethnicity				
White and other	2.06 (1.42)	2.09 (1.44)	1.92 (1.38)	1.70 (1.30)
Black	2.22 (1.47)	2.26 (1.50)	2.19 (1.47)	2.40 (1.54)
Hispanic	3.15 (1.73)	3.72 (1.92)	3.11 (1.76)	4.06 (2.01)
Socioeconomic status composite (SES) ¹				
Low	1.91 (1.37)	2.28 (1.50)	1.83 (1.35)	2.31 (1.51)
Middle	1.95 (1.39)	1.81 (1.34)	2.06 (1.42)	2.02 (1.42)
High	2.05 (1.42)	1.93 (1.38)	1.92 (1.38)	1.71 (1.30)

—Not available.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School and Beyond surveys.

NOTE: The average design effect for the 1980 sophomore cohort first followup (1982) survey is 3.59(1.89) and the average design effect for the 1980 senior first followup (1982) survey is 2.64(1.62).

Table A3.—Respondent counts for the National Education Longitudinal Study: 1988, 1990, and 1992

Classification variable and subgroup	Base Year, 1988	First followup, 1990	Second followup, 1992
Total respondents (unweighted)	24,599	20,706	21,188
Sex			
Male	12,241	10,462	10,713
Female	12,358	10,244	10,475
Race/ethnicity			
White, non-Hispanic	16,317	13,837	14,024
Black, non-Hispanic	3,009	2,218	2,260
Hispanic	3,171	2,751	2,922
Asian or Pacific Islander	1,527	1,302	1,406
American Indian or Alaskan Native	299	259	266
Other or unclassified	276	399	310
Socioeconomic status composite (SES) ¹			
Low	5,934	4,556	4,395
Low-middle	5,788	4,472	4,501
High-middle	5,836	4,378	4,516
High	7,030	5,262	5,437
Unclassified	11	2,038	2,339
High school program (self-reported)			
Academic	7,298	6,420	7,567
General	3,369	7,990	6,125
Vocational	4,161	1,806	1,911
Unclassified	9,771	4,490	5,585
High school type			
Public	19,396	16,813	15,145
Catholic	2,602	1,012	934
Other private	2,601	1,602	1,530
Not enrolled	(²)	1,043	2,725
Missing	(²)	236	854
Postsecondary education plans			
No plans	2,685	2,483	2,646
Attend vocational/technical school	2,102	2,323	2,072
Attend college less than 4 years	3,078	3,074	2,457
Earn bachelor's degree	10,251	5,874	5,631
Earn advanced degree	6,268	5,269	5,580
Missing	215	1,683	2,802
School academic clubs and extracurricular activities			
Never participated	21,516	15,292	17,117
Participated as a member	2,798	5,144	3,355
Participated as a leader	285	270	716

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

²Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Survey.

Table A4.—Design effects (DEFF) and root design effects (DEFT) for selected National Education Longitudinal Survey samples

Subsample characteristic	Base year, 1988		First followup, 1990		Second followup, 1992	
	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT	Mean DEFF	Mean DEFT
All students	2.54	1.56	3.802	1.912	3.668	1.881
Dropouts	—	—	4.705	1.997	2.919	1.686
Sex						
Male	1.98	1.39	3.456	1.817	3.094	1.729
Female	1.93	1.38	3.324	1.783	3.238	1.785
Race/ethnicity						
White and other	2.25	1.48	3.101	1.729	3.084	1.737
Black	1.65	1.27	3.804	1.867	2.938	1.654
Hispanic	2.06	1.41	2.643	1.591	2.772	1.626
Asian/Pacific Islander	2.00	1.40	2.758	1.609	2.511	1.562
American Indian/Alaskan Native	—	—	2.066	1.362	3.292	1.687
Socioeconomic status composite (SES) ¹						
Low	1.58	1.25	2.797	1.644	2.931	1.680
Middle	1.66	1.28	3.138	1.732	2.516	1.569
High	1.84	1.34	3.576	1.817	3.849	1.921
High school type						
Public	2.27	1.48	3.147	1.736	3.116	1.733
Catholic	2.70	1.59	2.619	1.513	2.545	1.564
Other private	8.80	1.83	6.529	2.391	6.049	2.334
Community type						
Urban	—	—	3.463	1.842	3.742	1.897
Suburban	—	—	3.412	1.788	2.998	1.705
Rural	—	—	2.634	1.571	3.311	1.687

—Not available.

¹The SES index is a composite of five equally weighted measures: father's education, mother's education, family income, father's occupation, and presence of certain items in the respondent's household.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Education Longitudinal Survey.

Table A5.—Respondent counts of full-time workers from the Recent College Graduates survey: 1976 to 1991

Field of study	Number employed full time				
	1974–75 graduates in May 1976	1979–80 graduates in May 1981	1983–84 graduates in April 1985	1985–86 graduates in April 1987	1989–90 graduates in April 1991
Total respondents (unweighted)	2,464	5,521	6,799	15,024	9,451
Professions	1,840	4,260	3,730	8,987	3,825
Arts and sciences	514	811	2,586	4,869	2,256
Other	110	450	483	1,168	3,370
Newly qualified to teach	1,337	2,469	1,109	2,546	1,966
Not newly qualified to teach	1,127	3,052	5,690	12,478	7,485
Professions	601	1,841	2,809	7,043	2,549
Engineering	80	270	601	915	411
Business and management	290	749	1,532	2,407	1,598
Health	72	252	387	3,106	281
Education ¹	141	464	146	521	188
Public affairs and services	18	106	143	94	71
Arts and sciences	433	770	2,430	4,369	2,006
Biological sciences	83	116	243	380	179
Physical sciences and mathematics	40	103	1,062	1,782	466
Psychology	64	105	189	366	316
Social sciences	107	252	449	780	813
Humanities	139	194	487	1,061	232
Other	93	441	451	1,066	2,930
Communications	7	73	240	392	217
Miscellaneous	86	368	211	674	2,713

¹Includes those who had not finished all requirements for teaching certification or were previously qualified to teach.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Recent College Graduates surveys.

Table A6.—Estimated standard errors for enrollment rates in the October Current Population Survey: 1996 or 1997

Base of percentage, in thousands	Estimated percentage				
	2 or 98	5 or 95	10 or 90	25 or 75	50
Total or white persons					
100	2.2	3.4	4.6	6.7	7.7
250	1.4	2.1	2.9	4.2	4.9
500	1.0	1.5	2.1	3.0	3.4
1,000	0.7	1.1	1.5	2.1	2.4
2,500	0.4	0.7	0.9	1.3	1.5
5,000	0.3	0.5	0.7	0.9	1.1
10,000	0.2	0.3	0.5	0.7	0.8
25,000	0.1	0.2	0.3	0.4	0.5
50,000	0.1	0.2	0.2	0.3	0.3
100,000	0.1	0.1	0.1	0.2	0.2
150,000	0.1	0.1	0.1	0.2	0.2
Black persons					
75	2.6	4.1	5.7	8.2	9.5
100	2.3	3.6	4.9	7.1	8.2
250	1.4	2.3	3.1	4.5	5.2
500	1.0	1.6	2.2	3.2	3.7
1,000	0.7	1.1	1.6	2.2	2.6
2,500	0.5	0.7	1.0	1.4	1.6
5,000	0.3	0.5	0.7	1.0	1.2
10,000	0.2	0.4	0.5	0.7	0.8
15,000	0.2	0.3	0.4	0.6	0.7
20,000	0.2	0.3	0.3	0.5	0.6
Hispanic persons					
75	2.8	4.4	6.1	8.7	10.1
100	2.4	3.8	5.2	7.6	8.7
250	1.5	2.4	3.3	4.8	5.5
500	1.1	1.7	2.3	3.4	3.9
1,000	0.8	1.2	1.7	2.4	2.8
2,500	0.5	0.8	1.0	1.5	1.7
5,000	0.3	0.5	0.7	1.1	1.2
10,000	0.2	0.4	0.5	0.8	0.9
15,000	0.2	0.3	0.4	0.6	0.7
20,000	0.2	0.3	0.4	0.5	0.6

SOURCE: U.S. Department of Commerce Bureau of the Census, *School Enrollment: Social and Economic Characteristics of Students*.

Table A7.—Estimated educational attainment rates and standard errors in the March Current Population Survey

Estimate	Base of percentage in thousands	Standard error	90 percent confidence interval ¹		95 percent confidence interval ¹	
			Lower bound	Upper bound	Lower bound	Upper bound
2 or 98	100	2.15	0.0	5.5	0.0	6.2
	100,000	0.07	1.9	2.1	1.9	2.1
10 or 90	100	4.61	2.4	17.6	1.0	19.0
	100,000	0.15	9.8	10.2	9.7	10.3
50	100	7.68	37.3	62.7	34.9	65.1
	100,000	0.24	49.6	50.4	49.5	50.5

¹ The confidence interval for the larger values can be found by taking the complement of that shown, e.g., for 98 it would be 93.8 to 100 for 95 percent confidence.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Educational Attainment in the United States*.

Table A8.—Standard errors for the proportion of seniors who had used drugs in the previous 12 months: 1975 to 1997

Drug	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996	1997
Alcohol	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3
Marijuana/hashish	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4
Any illicit drug other than marijuana	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
LSD	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Cocaine	0.2	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2

SOURCE: University of Michigan, Survey Research Center, Institute for Social Research, *Monitoring the Future Study*.

Table A9.—Sampling errors (95 percent confidence level) for percentages estimated from the Gallup Poll: 1992 and 1993

Percent	Size of sample						
	1,500	1,000	750	600	400	200	100
	Recommended allowance for sampling error of a percentage						
Percentages near 10 or 90	2	2	3	3	4	5	8
Percentages near 20 or 80	3	3	4	4	5	7	10
Percentages near 30 or 70	3	4	4	5	6	8	12
Percentages near 40 or 60	3	4	5	5	6	9	12
Percentages near 50	3	4	5	5	6	9	13

SOURCE: Phi Delta Kappan, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools."

Table A10.—Sampling errors (95 percent confidence level) for the difference in 2 percentages estimated from the Gallup Poll: 1992 and 1993

Size of sample	Size of sample					
	1,500	1,000	750	600	400	200
	Recommended allowance for sampling error of a difference in percentages (percentages near 80 or 20)					
1,500	4					
1,000	4	5				
750	5	5	5			
600	5	5	6	6		
400	6	6	6	7	7	
200	8	8	8	8	9	10
	Recommended allowance for sampling error of a difference in percentages (percentages near 50)					
1,500	5					
1,000	5	6				
750	6	6	7			
600	6	7	7	7		
400	7	8	8	8	9	
200	10	10	10	10	11	13

SOURCE: Phi Delta Kappan, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools."

Table A11.—Maximum differences required for significance (90 percent confidence level) between sample subgroups from the "Status of the American Public School Teacher" survey

Size of one subgroup	Size of other subgroup						
	100	200	300	400	500	600	700
100	11.6	10.1	9.5	9.2	9.0	8.9	8.8
200	10.1	8.2	7.5	7.1	6.9	6.7	6.6
300	9.5	7.5	6.7	6.3	6.0	5.8	5.7
400	9.2	7.1	6.3	5.8	5.5	5.3	5.2
500	9.0	6.9	6.0	5.5	5.2	5.0	4.8
600	8.9	6.7	5.8	5.3	5.0	4.7	4.6
700	8.8	6.6	5.7	5.2	4.8	4.6	4.4

SOURCE: National Education Association, "Status of the American Public School Teacher." (Copyright by the National Education Association. All rights reserved.)

Definitions

Academic support This category of college expenditures includes expenditures for support services that are an integral part of the institution's primary missions of instruction, research, or public service. Includes expenditures for libraries, galleries, audio/visual services, academic computing support, ancillary support, academic administration, personnel development, and course and curriculum development.

Achievement test An examination that measures the extent to which a person has acquired certain information or mastered certain skills, usually as a result of specific instruction.

Administrative support staff Includes personnel dealing with salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

Agriculture Courses designed to improve competencies in agricultural occupations. Included is the study of agricultural production, supplies, mechanization and products, agricultural science, forestry, and related services.

American College Testing Program (ACT) The ACT assessment program measures educational development and readiness to pursue college-level coursework in English, mathematics, natural science, and social studies. Student performance on the tests does not reflect innate ability and is influenced by a student's educational preparedness.

Appropriation (federal funds) Budget authority provided through the congressional appropriation process that permits federal agencies to incur obligations and to make payments.

Appropriation (institutional revenues) An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Associate degree A degree granted for the successful completion of a sub-baccalaureate program of studies, usually requiring at least 2 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Auxiliary enterprises This category includes those essentially self-supporting operations which exist to

furnish a service to students, faculty, or staff, and which charge a fee that is directly related to, although not necessarily equal to, the cost of the service. Examples are residence halls, food services, college stores, and intercollegiate athletics.

Average daily attendance (ADA) The aggregate attendance of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered days in session.

Average daily membership (ADM) The aggregate membership of a school during a reporting period (normally a school year) divided by the number of days school is in session during this period. Only days on which the pupils are under the guidance and direction of teachers should be considered as days in session. The average daily membership for groups of schools having varying lengths of terms is the average of the average daily memberships obtained for the individual schools.

Bachelor's degree A degree granted for the successful completion of a baccalaureate program of studies, usually requiring at least 4 years (or equivalent) of full-time college-level study. This includes degrees granted in a cooperative or work-study program.

Books Non-periodical printed publications bound in hard or soft covers, or in loose-leaf format, of at least 49 pages, exclusive of the cover pages; juvenile non-periodical publications of any length found in hard or soft covers.

Budget authority (BA) Authority provided by law to enter into obligations that will result in immediate or future outlays. It may be classified by the period of availability (1-year, multiple-year, no-year), by the timing of congressional action (current or permanent), or by the manner of determining the amount available (definite or indefinite).

Business Program of instruction that prepares individuals for a variety of activities in planning, organizing, directing, and controlling business office systems and procedures.

Capital outlay Funds for the acquisition of land and buildings; building construction, remodeling, and additions; the initial installation or extension of service systems and other built-in equipment; and site improvement. The category also encompasses architectural and engineering services including the development of blueprints.

Carnegie unit A standard of measurement that represents one credit for the completion of a 1-year course.

Catholic school A private school over which a Roman Catholic church group exercises some control or provides some form of subsidy. Catholic schools for the most part include those operated or supported by: a parish, a group of parishes, a diocese, or a Catholic religious order.

Central cities The largest cities, with 50,000 or more inhabitants, in a Metropolitan Statistical Area (MSA). A smaller city within a MSA may also qualify if it has at least 25,000 inhabitants or has a population of one-third or more of that of the largest city and a minimum population of 25,000. An exception occurs where two cities have contiguous boundaries and constitute, for economic and social purposes, a single community of at least 50,000, the smaller of which must have a population of at least 15,000.

Class size The membership of a class at a given date.

Classroom teacher A staff member assigned the professional activities of instructing pupils in self-contained classes or courses, or in classroom situations. Usually expressed in full-time equivalents.

Cohort A group of individuals that have a statistical factor in common, for example, year of birth.

College A postsecondary school which offers general or liberal arts education, usually leading to an associate, bachelor's, master's, doctor's, or first-professional degree. Junior colleges and community colleges are included under this terminology.

Combined elementary and secondary school A school which encompasses instruction at both the elementary and the secondary levels. Includes schools starting with grade 6 or below and ending with grade 9 or above.

Computer science A group of instructional programs that describes computer and information sciences, including computer programming, data processing, and information systems.

Constant dollars Dollar amounts that have been adjusted by means of price and cost indexes to elimi-

nate inflationary factors and allow direct comparison across years.

Consumer, personal, and miscellaneous services

A group of instructional programs that describes the fundamental skills a person is normally thought to need in order to function productively in society. Some examples are child development, consumer education, and family relations.

Consumer Price Index (CPI) This price index measures the average change in the cost of a fixed market basket of goods and services purchased by consumers.

Consumption That portion of income which is spent on the purchase of goods and services rather than being saved.

Control of institutions A classification of institutions of elementary/secondary or higher education by whether the institution is operated by publicly elected or appointed officials (public control) or by privately elected or appointed officials and derives its major source of funds from private sources (private control).

Credit The unit of value, awarded for the successful completion of certain courses, intended to indicate the quantity of course instruction in relation to the total requirements for a diploma, certificate, or degree. Credits are frequently expressed in terms such as "Carnegie units," "semester credit hours," and "quarter credit hours."

Current dollars Dollar amounts that have not been adjusted to compensate for inflation.

Current expenditures (elementary/secondary)

The expenditures for operating local public schools, excluding capital outlay and interest on school debt. These expenditures include such items as salaries for school personnel, fixed charges, student transportation, school books and materials, and energy costs. Beginning in 1980-81, expenditures for state administration are excluded.

Current expenditures per pupil in average daily attendance

Current expenditures for the regular school term divided by the average daily attendance of full-time pupils (or full-time equivalency of pupils) during the term. See also Current expenditures and Average daily attendance.

Current-fund expenditures (higher education)

Money spent to meet current operating costs, including salaries, wages, utilities, student services, public services, research libraries, scholarships and fellowships, auxiliary enterprises, hospitals, and inde-

pendent operations. Excludes loans, capital expenditures, and investments.

Current-fund revenues (higher education) Money received during the current fiscal year from revenue which can be used to pay obligations currently due, and surpluses reappropriated for the current fiscal year.

Current Population Survey See Guide to Sources.

Degree-granting institutions Postsecondary institutions that are eligible for Title IV federal financial-aid programs and grant an associate's or higher degree. For an institution to be eligible to participate in Title IV financial-aid programs it must offer a program of at least 300 clock hours in length, have accreditation recognized by the U.S. Department of Education, have been in business for at least 2 years, and have signed a participation agreement with the Department.

Disposable personal income Current income received by persons less their contributions for social insurance, personal tax, and nontax payments. It is the income available to persons for spending and saving. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by the government. See also Personal income.

Doctor's degree An earned degree carrying the title of Doctor. The Doctor of Philosophy degree (Ph.D.) is the highest academic degree and requires mastery within a field of knowledge and demonstrated ability to perform scholarly research. Other doctorates are awarded for fulfilling specialized requirements in professional fields, such as education (Ed.D.), musical arts (D.M.A.), business administration (D.B.A.), and engineering (D.Eng. or D.E.S.). Many doctor's degrees in academic and professional fields require an earned master's degree as a prerequisite. First-professional degrees, such as M.D. and D.D.S., are not included under this heading.

Educational and general expenditures The sum of current funds expenditures on instruction, research, public service, academic support, student services, institutional support, operation and maintenance of plant, and awards from restricted and unrestricted funds.

Educational attainment The highest grade of regular school attended and completed.

Elementary education/programs Learning experiences concerned with the knowledge, skills, appreciations, attitudes, and behavioral characteristics which are considered to be needed by all pupils in

terms of their awareness of life within our culture and the world of work, and which normally may be achieved during the elementary school years (usually kindergarten through grade 8 or kindergarten through grade 6), as defined by applicable state laws and regulations.

Elementary school A school classified as elementary by state and local practice and composed of any span of grades not above grade 8. A preschool or kindergarten school is included under this heading only if it is an integral part of an elementary school or a regularly established school system.

Elementary/secondary school As reported in this publication, includes only regular schools (i.e., schools that are part of state and local school systems, and also most not-for-profit private elementary/secondary schools, both religiously affiliated and nonsectarian). Schools not reported include subcollegiate departments of institutions of higher education, residential schools for exceptional children, federal schools for American Indians, and federal schools on military posts and other federal installations.

Employment Includes civilian, noninstitutional persons who: (1) worked during any part of the survey week as paid employees; worked in their own business, profession, or farm; or worked 15 hours or more as unpaid workers in a family-owned enterprise; or (2) were not working but had jobs or businesses from which they were temporarily absent due to illness, bad weather, vacation, labor-management dispute, or personal reasons whether or not they were seeking another job.

Endowment A trust fund set aside to provide a perpetual source of revenue from the proceeds of the endowment investments. Endowment funds are often created by donations from benefactors of an institution, who may designate the use of the endowment revenue. Normally, institutions or their representatives manage the investments, but they are not permitted to spend the endowment fund itself, only the proceeds from the investments. Typical uses of endowments would be an endowed chair for a particular department or for a scholarship fund. Endowment totals tabulated in this book also include funds functioning as endowments, such as funds left over from the previous year and placed with the endowment investments by the institution. These funds may be withdrawn by the institution and spent as current funds at any time. Endowments are evaluated by two different measures, book value and market value. Book value is the purchase price of the endowment investment. Market value is the current worth of the endowment investment. Thus, the book value of a stock held in an endowment fund would be the pur-

chase price of the stock. The market value of the stock would be its selling price as of a given day.

Engineering Instructional programs that describe the mathematical and natural science knowledge gained by study, experience, and practice and applied with judgment to develop ways to utilize the materials and forces of nature economically for the benefit of mankind. Include programs that prepare individuals to support and assist engineers and similar professionals.

English A group of instructional programs that describes the English language arts, including composition, creative writing, and the study of literature.

Enrollment The total number of students registered in a given school unit at a given time, generally in the fall of a year.

Expenditures Charges incurred, whether paid or unpaid, which are presumed to benefit the current fiscal year. For elementary/secondary schools, these include all charges for current outlays plus capital outlays and interest on school debt. For institutions of higher education, these include current outlays plus capital outlays. For government, these include charges net of recoveries and other correcting transactions other than for retirement of debt, investment in securities, extension of credit, or as agency transactions. Government expenditures include only external transactions, such as the provision of perquisites or other payments in kind. Aggregates for groups of governments exclude intergovernmental transactions among the governments.

Expenditures per pupil Charges incurred for a particular period of time divided by a student unit of measure, such as average daily attendance or average daily membership.

Extracurricular activities Activities that are not part of the required curriculum and that take place outside of the regular course of study. As used here, they include both school-sponsored (e.g., varsity athletics, drama, and debate clubs) and community-sponsored (e.g., hobby clubs and youth organizations like the Junior Chamber of Commerce or Boy Scouts) activities.

Family A group of two persons or more (one of whom is the householder) related by birth, marriage, or adoption and residing together. All such persons (including related subfamily members) are considered as members of one family.

Federal funds Amounts collected and used by the federal government for the general purposes of the government. There are four types of federal fund ac-

counts: the general fund, special funds, public enterprise funds, and intragovernmental funds. The major federal fund is the general fund, which is derived from general taxes and borrowing. Federal funds also include certain earmarked collections, such as those generated by and used to finance a continuing cycle of business-type operations.

Federal sources Includes federal appropriations, grants, and contracts, and federally-funded research and development centers (FFRDCs). Federally subsidized student loans and Pell Grants are not included.

First-professional degree A degree that signifies both completion of the academic requirements for beginning practice in a given profession and a level of professional skill beyond that normally required for a bachelor's degree. This degree usually is based on a program requiring at least 2 academic years of work prior to entrance and a total of at least 6 academic years of work to complete the degree program, including both prior-required college work and the professional program itself. By NCES definition, first-professional degrees are awarded in the fields of dentistry (D.D.S. or D.M.D.), medicine (M.D.), optometry (O.D.), osteopathic medicine (D.O.), pharmacy (D.Pharm.), podiatric medicine (D.P.M.), veterinary medicine (D.V.M.), chiropractic (D.C. or D.C.M.), law (J.D.), and theological professions (M.Div. or M.H.L.).

First-professional enrollment The number of students enrolled in a professional school or program which requires at least 2 years of academic college work for entrance and a total of at least 6 years for a degree. By NCES definition, first-professional enrollment includes only students in certain programs. (See First-professional degree for a list of programs.)

Fiscal year The yearly accounting period for the federal government, which begins on October 1 and ends on the following September 30. The fiscal year is designated by the calendar year in which it ends; e.g., fiscal year 1988 begins on October 1, 1987, and ends on September 30, 1988. (From fiscal year 1844 to fiscal year 1976, the fiscal year began on July 1 and ended on the following June 30.)

Foreign languages A group of instructional programs that describes the structure and use of language that is common or indigenous to people of the same community or nation, the same geographical area, or the same cultural traditions. Programs cover such features as sound, literature, syntax, phonology, semantics, sentences, prose, and verse, as well as the development of skills and attitudes used in communicating and evaluating thoughts and feelings through oral and written language.

Full-time enrollment The number of students enrolled in higher education courses with total credit load equal to at least 75 percent of the normal full-time course load.

Full-time-equivalent (FTE) enrollment For institutions of higher education, enrollment of full-time students, plus the full-time equivalent of part-time students. The full-time equivalent of the part-time students is estimated using different factors depending on the type and control of institution and level of student.

Full-time instructional faculty Those members of the instruction/research staff who are employed full time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full time counts exclude faculty who are employed to teach less than two semesters, three quarters, two trimesters, or two 4-month sessions; replacements for faculty on sabbatical leave or those on leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.

Full-time worker In educational institutions, an employee whose position requires being on the job on school days throughout the school year at least the number of hours the schools are in session. For higher education, a member of an educational institution's staff who is employed full time.

General administration support services Includes salary, benefits, supplies, and contractual fees for boards of education staff and executive administration. Excludes state administration.

General Educational Development (GED) program Academic instruction to prepare persons to take the high school equivalency examination. See GED recipient.

GED recipient A person who has obtained certification of high school equivalency by meeting state requirements and passing an approved exam, which is intended to provide an appraisal of the person's achievement or performance in the broad subject matter areas usually required for high school graduation.

General program A program of studies designed to prepare students for the common activities of a cit-

izen, family member, and worker. A general program of studies may include instruction in both academic and vocational areas.

Geographic region (1) One of four regions used by the Bureau of Economic Analysis of the U.S. Department of Commerce, the National Assessment of Educational Progress, and the National Education Association, as follows: (The National Education Association designated the Central region as Middle region in its classification.)

Northeast

Connecticut
Delaware
District of Columbia
Maine
Maryland
Massachusetts
New Hampshire
New Jersey
New York
Pennsylvania
Rhode Island
Vermont

Central (Middle)

Illinois
Indiana
Iowa
Kansas
Michigan
Minnesota
Missouri
Nebraska
North Dakota
Ohio
South Dakota
Wisconsin

Southeast

Alabama
Arkansas
Florida
Georgia
Kentucky
Louisiana
Mississippi
North Carolina
South Carolina
Tennessee
Virginia
West Virginia

West

Alaska
Arizona
California
Colorado
Hawaii
Idaho
Montana
Nevada
New Mexico
Oklahoma
Oregon
Texas
Utah
Washington
Wyoming

(2) One of the regions or divisions used by the U.S. Bureau of the Census in Current Population Survey tabulations, as follows:

Northeast

(*New England*)
Maine
New Hampshire
Vermont
Massachusetts
Rhode Island
Connecticut

Midwest

(*East North Central*)
Ohio
Indiana
Illinois
Michigan
Wisconsin

(*Middle Atlantic*)
New York
New Jersey
Pennsylvania

South

(*South Atlantic*)
Delaware
Maryland
District of Columbia
Virginia
West Virginia
North Carolina
South Carolina
Georgia
Florida

(*East South Central*)
Kentucky
Tennessee
Alabama
Mississippi

(*West South Central*)
Arkansas
Louisiana
Oklahoma
Texas

Government appropriation An amount (other than a grant or contract) received from or made available to an institution through an act of a legislative body.

Government grant or contract Revenues from a government agency for a specific research project or other program.

Graduate An individual who has received formal recognition for the successful completion of a prescribed program of studies.

Graduate enrollment The number of students who hold the bachelor's or first-professional degree, or the equivalent, and who are working towards a master's or doctor's degree. First-professional students are counted separately. These enrollment data measure those students who are registered at a particular time during the fall. At some institutions, graduate enrollment also includes students who are in postbaccalaureate classes, but not in degree programs. In specified tables, graduate enrollment includes all students in regular graduate programs and all students in postbaccalaureate classes, but not in degree programs (unclassified postbaccalaureate students).

(*West North Central*)
Minnesota
Iowa
Missouri
North Dakota
South Dakota
Nebraska
Kansas

West

(*Mountain*)
Montana
Idaho
Wyoming
Colorado
New Mexico
Arizona
Utah
Nevada

(*Pacific*)
Washington
Oregon
California
Alaska
Hawaii

Graduate Record Examination (GRE) Multiple-choice examinations administered by the Educational Testing Service and taken by college students who are intending to attend certain graduate schools. The tests are offered in a variety of subject areas. Ordinarily, a student will take only the exam that applies to the intended field of study.

Graduation Formal recognition given an individual for the successful completion of a prescribed program of studies.

Gross domestic product (GDP) The total national output of goods and services valued at market prices. GDP can be viewed in terms of expenditure categories which include purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing. GDP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents.

Handicapped Those children evaluated as having any of the following impairments, who because of these impairments need special education and related services. (These definitions apply specifically to data from the U.S. Office of Special Education and Rehabilitative Services presented in this publication.)

Deaf Having a hearing impairment which is so severe that the student is impaired in processing linguistic information through hearing (with or without amplification) and which adversely affects educational performance.

Deaf-blind Having concomitant hearing and visual impairments which cause such severe communication and other developmental and educational problems that the student cannot be accommodated in special education programs solely for deaf or blind students.

Hard of hearing Having a hearing impairment, whether permanent or fluctuating, which adversely affects the student's educational performance, but which is not included under the definition of "deaf" in this section.

Mentally retarded Having significantly subaverage general intellectual functioning, existing concurrently with defects in adaptive behavior and manifested during the developmental period, which adversely affects the child's educational performance.

Multihandicapped Having concomitant impairments (such as mentally retarded-blind, mentally

retarded-orthopedically impaired, etc.), the combination of which causes such severe educational problems that the student cannot be accommodated in special education programs solely for one of the impairments. Term does not include deaf-blind students, but does include those students who are severely or profoundly mentally retarded.

Orthopedically impaired Having a severe orthopedic impairment which adversely affects a student's educational performance. The term includes impairment resulting from congenital anomaly, disease, or other causes.

Other health impaired Having limited strength, vitality, or alertness due to chronic or acute health problems, such as a heart condition, tuberculosis, rheumatic fever, nephritis, asthma, sickle cell anemia, hemophilia, epilepsy, lead poisoning, leukemia, or diabetes which adversely affects the student's educational performance.

Seriously emotionally disturbed Exhibiting one or more of the following characteristics over a long period of time, to a marked degree, and adversely affecting educational performance: an inability to learn which cannot be explained by intellectual, sensory, or health factors; an inability to build or maintain satisfactory interpersonal relationships with peers and teachers; inappropriate types of behavior or feelings under normal circumstances; a general pervasive mood of unhappiness or depression; or a tendency to develop physical symptoms or fears associated with personal or school problems. This term does not include children who are socially maladjusted, unless they also display one or more of the listed characteristics.

Specific learning disabled Having a disorder in one or more of the basic psychological processes involved in understanding or in using spoken or written language, which may manifest itself in an imperfect ability to listen, think, speak, read, write, spell, or do mathematical calculations. The term includes such conditions as perceptual handicaps, brain injury, minimal brain dysfunction, dyslexia, and developmental aphasia. The term does not include children who have learning problems which are primarily the result of visual, hearing, or environmental, cultural, or economic disadvantage.

Speech impaired Having a communication disorder, such as stuttering, impaired articulation, language impairment, or voice impairment, which adversely affects the student's educational performance.

Visually handicapped Having a visual impairment which, even with correction, adversely affects

the student's educational performance. The term includes partially seeing and blind children.

Higher education Study beyond secondary school at an institution that offers programs terminating in an associate, baccalaureate, or higher degree.

Higher education institutions (alternative classification)

Doctoral-granting Characterized by a significant level and breadth of activity in commitment to doctoral-level education as measured by the number of doctorate recipients and the diversity in doctoral-level program offerings.

Comprehensive Characterized by diverse post-baccalaureate programs (including first-professional), but not engaged in significant doctoral-level education.

General baccalaureate Characterized by primary emphasis on general undergraduate, baccalaureate-level education. Not significantly engaged in postbaccalaureate education.

Specialized Baccalaureate or postbaccalaureate institution emphasizing one area (plus closely related specialties), such as business or engineering. The programmatic emphasis is measured by the percentage of degrees granted in the program area.

2-year Conferring at least 75 percent of its degrees and awards for work below the bachelor's level.

New These institutions, though not necessarily newly organized, are new additions to the Integrated Postsecondary Education Data survey universe. When degree and award data become available, they will be reclassified.

Nondegree-granting Offering undergraduate or graduate study, but not conferring degrees or awards. In this volume, these institutions are included under Specialized.

Higher education institutions (traditional classification)

4-year institution An institution legally authorized to offer and offering at least a 4-year program of college-level studies wholly or principally creditable toward a baccalaureate degree. In some tables, a further division between universities and other 4-year institutions is made. A "university" is a postsecondary institution which typically comprises one or more graduate professional schools (also see University). For purposes of trend com-

parisons in this volume, the selection of universities has been held constant for all tabulations after 1982. "Other 4-year institutions" would include the rest of the nonuniversity 4-year institutions.

2-year institution An institution legally authorized to offer and offering at least a 2-year program of college-level studies which terminates in an associate degree or is principally creditable toward a baccalaureate degree. Also includes some institutions that have a less than 2-year program, but were designated as institutions of higher education in the Higher Education General Information Survey.

Higher Education Price Index A price index which measures average changes in the prices of goods and services purchased by colleges and universities through current-fund education and general expenditures (excluding expenditures for sponsored research and auxiliary enterprises).

High school A secondary school offering the final years of high school work necessary for graduation, usually includes grades 10, 11, 12 (in a 6–3–3 plan) or grades 9, 10, 11, and 12 (in a 6–2–4 plan).

High school program A program of studies designed to prepare students for their postsecondary education and occupation. Three types of programs are usually distinguished—academic, vocational, and general. An academic program is designed to prepare students for continued study at a college or university. A vocational program is designed to prepare students for employment in one or more semiskilled, skilled, or technical occupations. A general program is designed to provide students with the understanding and competence to function effectively in a free society and usually represents a mixture of academic and vocational components.

Historically black colleges and universities Accredited institutions of higher education established prior to 1964 with the principal mission of educating black Americans. Federal regulations (20 USC 1061 (2)) allow for certain exceptions of the founding date.

Household All the persons who occupy a housing unit. A house, apartment, or other group of rooms, or a single room, is regarded as a housing unit when it is occupied or intended for occupancy as separate living quarters, that is, when the occupants do not live and eat with any other persons in the structure, and there is direct access from the outside or through a common hall.

Housing unit A house, an apartment, a mobile home, a group of rooms, or a single room that is occupied as separate living quarters.

Imaginative writing This type of writing can take a variety of forms, such as stories, poems, plays, or lyrics. It represents a special approach to sharing experiences and understanding the world and ourselves. In this form of writing, special attention is given to rhythm and tone; the use of anecdote; the presence of metaphor and simile; shifts in plots; and the unexpected use of words, phrases, or punctuation.

Income tax Taxes levied on net income, that is, on gross income less certain deductions permitted by law. These taxes can be levied on individuals or on corporations or unincorporated businesses where the income is taxed distinctly from individual income.

Independent operations A group of self-supporting activities under control of a college or university. For purposes of financial surveys conducted by the National Center for Education Statistics, this category is composed principally of federally funded research and development centers (FFRDC).

Informative writing This type of writing is used to share information and to convey messages, directions, and ideas. It often involves reporting or retelling events or experiences that have already occurred.

Institutional support The category of higher education expenditures that includes day-to-day operational support for colleges, excluding expenditures for physical plant operations. Examples of institutional support include general administrative services, executive direction and planning, legal and fiscal operations, and community relations.

Instruction That category including expenditures of the colleges, schools, departments, and other instructional divisions of higher education institutions and expenditures for departmental research and public service which are not separately budgeted. Includes expenditures for both credit and noncredit activities. Excludes expenditures for academic administration where the primary function is administration (e.g., academic deans).

Instruction (elementary and secondary) Instruction encompasses all activities dealing directly with the interaction between teachers and students. Teaching may be provided for students in a school classroom, in another location such as a home or hospital, and in other learning situations such as those involving co-curricular activities. Instruction may be provided through some other approved medium, such as television, radio, telephone, and correspondence. Instruction expenditures include: salaries, employee benefits, purchased services, supplies, and tuition to private schools.

Instructional staff Full-time-equivalent number of positions, not the number of different individuals occupying the positions during the school year. In local schools, includes all public elementary and secondary (junior and senior high) day-school positions that are in the nature of teaching or in the improvement of the teaching-learning situation. Includes consultants or supervisors of instruction, principals, teachers, guidance personnel, librarians, psychological personnel, and other instructional staff. Excludes administrative staff, attendance personnel, clerical personnel, and junior college staff.

Instructional support services Includes salary, benefits, supplies, and contractual fees for staff providing instructional improvement, educational media (library and audiovisual), and other instructional support services.

Junior high school A separately organized and administered secondary school intermediate between the elementary and senior high schools, usually includes grades 7, 8, and 9 (in a 6-3-3 plan) or grades 7 and 8 (in a 6-2-4 plan).

Labor force Persons employed as civilians, unemployed (but looking for work), or in the armed services during the survey week. The "civilian labor force" comprises all civilians classified as employed or unemployed.

Land-grant colleges The First Morrill Act of 1862 facilitated the establishment of colleges through grants of land or funds in lieu of land. The Second Morrill Act in 1890 provided for money grants and for the establishment of black land-grant colleges and universities in those states with dual systems of higher education.

Local education agency See School district.

Mandatory transfer A transfer of current funds that must be made in order to fulfill a binding legal obligation of the institution. Included under mandatory transfers are debt service provisions relating to academic and administrative buildings, including (1) amounts set aside for debt retirement and interest and (2) required provisions for renewal and replacement of buildings to the extent these are not financed from other funds.

Master's degree A degree awarded for successful completion of a program generally requiring 1 or 2 years of full-time college-level study beyond the bachelor's degree. One type of master's degree, including the Master of Arts degree, or M.A., and the Master of Science degree, or M.S., is awarded in the liberal arts and sciences for advanced scholarship in

a subject field or discipline and demonstrated ability to perform scholarly research. A second type of master's degree is awarded for the completion of a professionally oriented program, for example, an M.Ed. in education, an M.B.A. in business administration, an M.F.A. in fine arts, an M.M. in music, an M.S.W. in social work, and an M.P.A. in public administration. A third type of master's degree is awarded in professional fields for study beyond the first-professional degree, for example, the Master of Laws (L.L.M.) and Master of Science in various medical specializations.

Mathematics A group of instructional programs that describes the science of numbers and their operations, interrelations, combinations, generalizations, and abstractions and of space configurations and their structure, measurement, transformations, and generalizations.

Mean test score The score obtained by dividing the sum of the scores of all individuals in a group by the number of individuals in that group.

Metropolitan population The population residing in Metropolitan Statistical Areas (MSAs). See Metropolitan Statistical Area.

Metropolitan Statistical Area (MSA) A large population nucleus and the nearby communities which have a high degree of economic and social integration with that nucleus. Each MSA consists of one or more entire counties (or county equivalents) that meet specified standards pertaining to population, commuting ties, and metropolitan character. In New England, towns and cities, rather than counties, are the basic units. MSAs are designated by the Office of Management and Budget. An MSA includes a city and, generally, its entire urban area and the remainder of the county or counties in which the urban area is located. An MSA also includes such additional outlying counties which meet specified criteria relating to metropolitan character and level of commuting of workers into the central city or counties. Specified criteria governing the definition of MSAs recognized before 1980 are published in *Standard Metropolitan Statistical Areas: 1975*, issued by the Office of Management and Budget. New MSAs were designated when 1980 counts showed that they met one or both of the following criteria:

1. Included a city with a population of at least 50,000 within their corporate limits, or
2. Included a Census Bureau-defined urbanized area (which must have a population of at least 50,000) and a total MSA population of at least 100,000 (or, in New England, 75,000).

Migration Geographic mobility involving a change of usual residence between clearly defined geo-

graphic units, that is, between counties, states, or regions.

Minimum-competency testing Measuring the acquisition of competence or skills to or beyond a certain specified standard.

National Assessment of Educational Progress (NAEP) See Guide to Sources.

Newly qualified teacher Persons who: (1) first became eligible for a teaching license during the period of the study referenced or who were teaching at the time of survey, but were not certified or eligible for a teaching license; and (2) had never held full-time, regular teaching positions (as opposed to substitute) prior to completing the requirements for the degree which brought them into the survey.

Nonmetropolitan residence group The population residing outside Metropolitan Statistical Areas. See Metropolitan Statistical Area.

Nonprofit institution A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk. Nonprofit institutions may be either independent nonprofit (i.e., having no religious affiliation) or religiously affiliated.

Nonresident alien A person who is not a citizen of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

Nonsupervisory instructional staff Persons such as curriculum specialists, counselors, librarians, remedial specialists, and others possessing education certification, but not responsible for day-to-day teaching of the same group of pupils.

Normal school A normal school was an institution which was engaged primarily in the preparation of teachers for positions in elementary and secondary schools. Prior to 1900, normal schools were often secondary schools with teacher training programs. During the early 20th century, normal schools gradually developed into higher education institutions.

Obligations Amounts of orders placed, contracts awarded, services received, or similar legally binding commitments made by federal agencies during a given period that will require outlays during the same or some future period.

Occupational home economics Courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge and skills.

Occupied housing unit Separate living quarters with occupants currently inhabiting the unit.

Off-budget federal entities Organizational entities, federally owned in whole or in part, whose transactions belong in the budget under current budget accounting concepts, but that have been excluded from the budget totals under provisions of law.

Operation and maintenance services Includes salary, benefits, supplies, and contractual fees for supervision of operations and maintenance, operating buildings (heating, lighting, ventilating, repair, and replacement), care and upkeep of grounds and equipment, vehicle operations and maintenance (other than student transportation), security, and other operations and maintenance services.

Other foreign languages and literatures Any instructional program in foreign languages and literatures not described in table 253, including language groups and individual languages, such as the non-Semitic African languages, Native American languages, the Celtic languages, Pacific language groups, the Ural-Altai languages, Basque, and others.

Other support services Includes salary, benefits, supplies, and contractual fees for business support services, central support services, and other support services not otherwise classified.

Other support services staff All staff not reported in other categories. This group includes media personnel, social workers, bus drivers, security, cafeteria workers, and other staff.

Outlays The value of checks issued, interest accrued on the public debt, or other payments made, net of refunds and reimbursements.

Part-time enrollment The number of students enrolled in higher education courses with a total credit load less than 75 percent of the normal full-time credit load.

Per capita income The mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.

Personal income Current income received by persons from all sources, minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from govern-

ment and business such as social security benefits and military pensions, but excludes transfers among persons.

Persuasive writing This type of writing attempts to bring about some action or change. Its primary purpose is to influence others. It is concerned with the positions, beliefs, and attitudes of the readers.

Physical plant assets Includes the values of land, buildings, and equipment owned, rented, or utilized by colleges. Does not include those plant values which are a part of endowment or other capital fund investments in real estate. Excludes construction in progress.

Postbaccalaureate enrollment The number of graduate and first-professional students working towards advanced degrees and of students enrolled in graduate-level classes, but not enrolled in degree programs. See also Graduate enrollment and First-professional enrollment.

Postsecondary education The provision of formal instructional programs with a curriculum designed primarily for students who have completed the requirements for a high school diploma or equivalent. This includes programs of an academic, vocational, and continuing professional education purpose, and excludes avocational and adult basic education programs.

Private school or institution A school or institution which is controlled by an individual or agency other than a state, a subdivision of a state, or the federal government, which is usually supported primarily by other than public funds, and the operation of whose program rests with other than publicly elected or appointed officials. Private schools and institutions include both nonprofit and proprietary institutions.

Property tax The sum of money collected from a tax levied against the value of property.

Proprietary (for profit) institution A private institution in which the individual(s) or agency in control receives compensation other than wages, rent, or other expenses for the assumption of risk.

Public school or institution A school or institution controlled and operated by publicly elected or appointed officials and deriving its primary support from public funds.

Pupil-teacher ratio The enrollment of pupils at a given period of time, divided by the full-time-equivalent number of classroom teachers serving these pupils during the same period.

Racial/ethnic group Classification indicating general racial or ethnic heritage based on self-identification, as in data collected by the U.S. Bureau of the Census or on observer identification, as in data collected by the Office for Civil Rights. These categories are in accordance with the Office of Management and Budget standard classification scheme presented below:

White A person having origins in any of the original peoples of Europe, North Africa, or the Middle East. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Black A person having origins in any of the black racial groups in Africa. Normally excludes persons of Hispanic origin except for tabulations produced by the U.S. Bureau of the Census, which are noted accordingly in this volume.

Hispanic A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

Asian or Pacific Islander A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands. This area includes, for example, China, India, Japan, Korea, the Philippine Islands, and Samoa.

American Indian or Alaskan Native A person having origins in any of the original peoples of North America and maintaining cultural identification through tribal affiliation or community recognition.

Remedial education Instruction for a student lacking those reading, writing, or math skills necessary to perform college-level work at the level required by the attended institution.

Resident population Includes civilian population and armed forces personnel residing within the United States. Excludes armed forces personnel residing overseas.

Revenue All funds received from external sources, net of refunds, and correcting transactions. Noncash transactions, such as receipt of services, commodities, or other receipts in kind are excluded, as are funds received from the issuance of debt, liquidation of investments, and nonroutine sale of property.

Salary The total amount regularly paid or stipulated to be paid to an individual, before deductions, for personal services rendered while on the payroll of a business or organization.

Sales and services Revenues derived from the sales of goods or services that are incidental to the conduct of instruction, research, or public service. Examples include film rentals, scientific and literary publications, testing services, university presses, and dairy products.

Sales tax Tax imposed upon the sale and consumption of goods and services. It can be imposed either as a general tax on the retail price of all goods and services sold or as a tax on the sale of selected goods and services.

Scholarships and fellowships This category of college expenditures applies only to money given in the form of outright grants and trainee stipends to individuals enrolled in formal coursework, either for credit or not. Aid to students in the form of tuition or fee remissions is included. College work-study funds are excluded and are reported under the program in which the student is working. In the tabulations in this volume, Pell Grants are not included in this expenditure category.

Scholastic Assessment Test (SAT) An examination administered by the Educational Testing Service and used to predict the facility with which an individual will progress in learning college-level academic subjects.

School A division of the school system consisting of students in one or more grades or other identifiable groups and organized to give instruction of a defined type. One school may share a building with another school or one school may be housed in several buildings.

School administration support services Includes salary, benefits, supplies, and contractual fees for the office of the principal, full-time department chairpersons, and graduation expenses.

School climate The social system and culture of the school, including the organizational structure of the school and values and expectations within it.

School district An education agency at the local level that exists primarily to operate public schools or to contract for public school services. Synonyms are "local basic administrative unit" and "local education agency."

Science The body of related courses concerned with knowledge of the physical and biological world and with the processes of discovering and validating this knowledge.

Secondary instructional level The general level of instruction provided for pupils in secondary schools

(generally covering grades 7 through 12 or 9 through 12) and any instruction of a comparable nature and difficulty provided for adults and youth beyond the age of compulsory school attendance.

Secondary school A school comprising any span of grades beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12. Both junior high schools and senior high schools are included.

Secondary enrollment The total number of students registered in a school beginning with the next grade following an elementary or middle school (usually 7, 8, or 9) and ending with or below grade 12 at a given time.

Senior high school A secondary school offering the final years of high school work necessary for graduation.

Serial volumes Publications issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals, memoirs, proceedings, and transactions of societies.

Social studies A group of instructional programs that describes the substantive portions of behavior, past and present activities, interactions, and organizations of people associated together for religious, benevolent, cultural, scientific, political, patriotic, or other purposes.

Socioeconomic status (SES) For the High School and Beyond study and the National Longitudinal Study of the High School Class of 1972, the SES index is a composite of five equally weighted, standardized components: father's education, mother's education, family income, father's occupation, and household items. The terms high, middle, and low SES refer to the upper, middle two, and lower quartiles of the weighted SES composite index distribution.

Special education Direct instructional activities or special learning experiences designed primarily for students identified as having exceptionalities in one or more aspects of the cognitive process or as being underachievers in relation to general level or model of their overall abilities. Such services usually are directed at students with the following conditions: (1) physically handicapped; (2) emotionally handicapped; (3) culturally different, including compensatory education; (4) mentally retarded; and (5) students with learning disabilities. Programs for the mentally gifted and talented are also included in some special education programs. See also Handicapped.

Standardized test A test composed of a systematic sampling of behavior, administered and scored according to specific instructions, capable of being interpreted in terms of adequate norms, and for which there are data on reliability and validity.

Standardized test performance The weighted distributions of composite scores from standardized tests used to group students according to performance.

Standard Metropolitan Statistical Area (SMSA) See Metropolitan Statistical Area (MSA).

Student An individual for whom instruction is provided in an educational program under the jurisdiction of a school, school system, or other education institution. No distinction is made between the terms “student” and “pupil,” though “student” may refer to one receiving instruction at any level while “pupil” refers only to one attending school at the elementary or secondary level. A student may receive instruction in a school facility or in another location, such as at home or in a hospital. Instruction may be provided by direct student-teacher interaction or by some other approved medium such as television, radio, telephone, and correspondence.

Student support services Includes salary, benefits, supplies, and contractual fees for staff providing attendance and social work, guidance, health, psychological services, speech pathology, audiology, and other support to students.

Subject-matter club Organizations that are formed around a shared interest in a particular area of study and whose primary activities promote that interest. Examples of such organizations are math, science, business, and history clubs.

Supervisory staff Principals, assistant principals, and supervisors of instruction. Does not include superintendents or assistant superintendents.

Tax base The collective value of objects, assets, and income components against which a tax is levied.

Tax expenditures Losses of tax revenue attributable to provisions of the federal income tax laws that allow a special exclusion, exemption, or deduction from gross income or provide a special credit, preferential rate of tax, or a deferral of tax liability affecting individual or corporate income tax liabilities.

Technical education A program of vocational instruction that ordinarily includes the study of the sciences and mathematics underlying a technology, as well as the methods, skills, and materials com-

monly used and the services performed in the technology. Technical education prepares individuals for positions—such as draftsman or lab technician—in the occupational area between the skilled craftsman and the professional person.

Total expenditure per pupil in average daily attendance Includes all expenditures allocable to per pupil costs divided by average daily attendance. These allocable expenditures include current expenditures for regular school programs, interest on school debt, and capital outlay. Beginning in 1980–81, expenditures for state administration are excluded and expenditures for other programs (summer schools, community colleges, and private schools) are included.

Trade and industrial occupations The branch of vocational education which is concerned with preparing persons for initial employment or with updating or retraining workers in a wide range of trade and industrial occupations. Such occupations are skilled or semiskilled and are concerned with layout designing, producing, processing, assembling, testing, maintaining, servicing, or repairing any product or commodity.

Transcript An official list of all courses taken by a student at a school or college showing the final grade received for each course, with definitions of the various grades given at the institution.

Trust funds Amounts collected and used by the federal government for carrying out specific purposes and programs according to terms of a trust agreement or statute, such as the social security and unemployment trust funds. Trust fund receipts that are not anticipated to be used in the immediate future are generally invested in interest-bearing government securities and earn interest for the trust fund.

Tuition and fees A payment or charge for instruction or compensation for services, privileges, or the use of equipment, books, or other goods.

Unclassified students Students who are not candidates for a degree or other formal award, although they are taking higher education courses for credit in regular classes with other students.

Unadjusted dollars See *current dollars*.

Undergraduate students Students registered at an institution of higher education who are working in a program leading to a baccalaureate degree or other formal award below the baccalaureate, such as an associate degree.

Unemployed Civilians who had no employment but were available for work and: (1) had engaged in any

specific job seeking activity within the past 4 weeks; (2) were waiting to be called back to a job from which they had been laid off; or (3) were waiting to report to a new wage or salary job within 30 days.

U.S. Service Schools These institutions of higher education are controlled by the U.S. Department of Defense and the U.S. Department of Transportation. The 10 institutions counted in the NCES surveys of higher education institutions include: the Air Force Institute of Technology, Community College of the Air Force, Naval Postgraduate School, Uniformed Services University of the Health Sciences, U.S. Air Force Academy, U.S. Army Command and General Staff College, U.S. Coast Guard Academy, U.S. Merchant Marine Academy, U.S. Military Academy, and the U.S. Naval Academy.

University An institution of higher education consisting of a liberal arts college, a diverse graduate program, and usually two or more professional schools or faculties and empowered to confer de-

grees in various fields of study. For purposes of maintaining trend data in this publication, the selection of university institutions has not been revised since 1982.

Visual and performing arts A group of instructional programs that generally describes the historic development, aesthetic qualities, and creative processes of the visual and performing arts.

Vocational education Organized educational programs, services, and activities which are directly related to the preparation of individuals for paid or unpaid employment, or for additional preparation for a career, requiring other than a baccalaureate or advanced degree.

Vocational home economics Vocational courses of instruction emphasizing the acquisition of competencies needed for getting and holding a job or preparing for advancement in an occupational area using home economics knowledge or skills.

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