

FOREWORD

This 1998 edition of the *Digest of Education Statistics* is the 34th 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 kindergarten 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). 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, employment and income of graduates, libraries, and international education. Supplemental information on population trends, attitudes on education comparisons, 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* is divided into 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 “Learning Resources and Tech-

nology.” To qualify for inclusion, material must be nationwide in scope and of current interest and value. The introduction includes a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. 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:

- Parental involvement in education-related activities, tables 25 and 26;
- Number of hours young children spend in day care programs, table 51;
- Performance of eighth-grade students in music, theatre, and visual arts, table 130;
- Finances of nonprofit institutions of higher education, tables 327 and 350;
- International comparisons of the performance of twelfth-grade students in mathematics and science, tables 405 and 406; and
- Percent of home computer users using specific applications, tables 426 and 427.

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INTRODUCTION

In the fall of 1998, about 67.3 million persons were enrolled in American schools and colleges (table 1). About 3.8 million were employed as elementary and secondary school teachers and as college faculty. Other professional, administrative, and support staff of educational institutions numbered 4.2 million. Thus about 75 million people were involved, directly or indirectly, in providing or receiving formal education. In a nation with a population of about 270 million, more than 1 out of every 4 persons participated in formal education.

Elementary/Secondary Enrollment

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 young people. Enrollment in public elementary and secondary schools rose 19 percent between 1985 and 1998. The fastest growth occurred in the elementary grades, where enrollment rose 24 percent over the same period, from 27.0 million to a record high of 33.5 million in 1998 (table 2). Secondary enrollments declined 8 percent from 1985 to 1990, but then rose by 17 percent from 1990 to 1998, for a net increase of 7 percent. 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 1998. As a result, the percentage of students enrolled in private schools declined slightly from 12 percent in 1985 to 11 percent in 1998. The National Center for Education Statistics (NCES) forecasts record levels of enrollment during the late 1990s. The fall 1998 public school enrollment marks a new record and new records are expected every year through the early 2000s (table 3). Public elementary enrollment is projected to grow slowly over the next few years and then decline slightly, so that the fall 2008 projection is almost the same as the 1998 enrollment. In contrast, public secondary school enrollment is expected to have a substantial increase of 11 percent between 1998 and 2008.

Higher Education

College enrollment hit a record level of 14.5 million in fall 1992 and was expected to reach a new high in 1998, after falling slightly between 1993 and 1995

(table 3). Despite decreases in the traditional college-age population during the 1980s and early 1990s, total enrollment has increased because of the high enrollment rate of older women and a rising rate of college attendance for recent high school graduates (tables 183 and 184). Since 1980, the number of part-time students has generally increased at a faster rate than full-time students (table 172).

Teachers

An estimated 3.1 million elementary and secondary school teachers were engaged in classroom instruction in the fall of 1998 (table 4). This number has risen in recent years, up about 17 percent since 1988. The number of public school teachers in 1998 was about 2.7 million and the number in private schools was about 0.4 million. About 1.9 million teachers taught in elementary schools, while about 1.2 million were teaching at the secondary level (table 4).

The number of public school teachers has risen at about the same rate as the number of students over the past 10 years, resulting in very small changes in the pupil/teacher ratio. In the fall of 1998, there were 17.2 public school pupils per teacher compared with 17.3 public school pupils per teacher 10 years earlier. During the same time period, the pupil/teacher ratio in private schools fell from 15.2 to 14.9 (table 65). Despite the historical trend towards lower pupil/teacher ratios, the fluctuations since 1990 suggest stability in the pupil/teacher ratio.

The salaries of public school teachers, which lost purchasing power to inflation during the 1970s, rose faster than the inflation rate in the 1980s. The rising salaries reflected an interest by state and local education agencies in boosting teacher salary schedules and, to some extent, an increase in teachers' experience and education levels (tables 70 and 78). Since 1990–91, salaries for teachers have fallen slightly after adjusting for inflation. The average salary for teachers in 1997–98 was \$39,385.

Public Perception

Public perception about problems facing the local public schools has shifted in the past several years. Between 1985 and 1990, an increasing proportion of people believed that drug use was a major problem facing schools. Then, the proportion of people who

felt drug use was a major problem facing schools fell, from 38 percent in 1990 to 10 percent in 1998. In the latest survey, lack of discipline was cited by 14 percent of the population; fighting, gangs, and violence was cited by 15 percent; and the lack of financial support was cited as a major problem by 12 percent of the population (table 23).

Faculty and Staff

During the fall of 1995, there were 932,000 faculty members in higher education institutions. Making up this figure were 551,000 full-time, and 381,000 part-time faculty (table 223). In 1992, full-time instructors generally taught more hours and more students than part-time instructors, with 61 percent of full-time instructors teaching 8 or more hours per week and two-thirds teaching 50 or more students. About 30 percent of part-time instructors taught 8 or more hours per week and 30 percent taught 50 or more students (tables 227 and 228).

White males constituted a disproportionate share of full-time college faculty in 1995. Overall, about 57 percent of full-time faculty are white males. However, this distribution varies substantially by rank of faculty. Among full professors, the proportion of white males is 75 percent. The proportion is somewhat lower among the lower ranked faculty, with white males making up 39 percent of the lecturers (table 230).

Student Performance

Reading

Overall, the reading achievement scores for the country's 9-, 13-, and 17-year-old students are mixed. Reading performance scores for 9- and 13-year-olds were somewhat higher in 1996 than they were in 1971. However, there has been little change since the mid-1980s. The reading performance of 17-year-olds was about the same in 1996 as it was in 1971. Black 13- and 17-year-olds exhibited higher reading performance in 1996 than in 1971. Black 9-year-olds' performance improved significantly between 1971 and 1980, but it has not improved further. The performance levels of white 9- and 13-year-olds also rose between 1971 and 1996. Separate data for Hispanics were not gathered in 1971, but changes between 1975 and 1996 indicate an increase among 9-year-olds. There was no significant difference between the 1975 and 1996 reading performance of 13- and 17-year-old Hispanics (table 109).

Mathematics

Results from assessments of mathematics proficiency indicate that 9- and 13-year-old students improved their performance between 1973 and 1996. However, there has been very little change for 9-

year-olds since 1990, and the performance of older students on advanced mathematical operations has been stable. The proportion of 17-year-olds who demonstrated skill with moderately complex procedures and reasoning rose from 52 percent in 1978 to 60 percent in 1996. During the same time period, the proportion of 17-year-olds with skill in multistep problem solving and algebra remain unchanged (tables 120 and 121).

White, black, and Hispanic students improved their mathematics performance between 1973 and 1996, among all three age groups. Mathematics scores for white, black, and Hispanic 9-, 13-, and 17-year-olds improved between 1986 and 1996 (table 120).

A 1996 voluntary assessment of the states found that mathematics proficiency varied widely among eighth-graders in the 42 jurisdictions (40 states, Guam, and the District of Columbia) that participated in the program (table 122). Overall, 62 percent of eighth-grade students performed at or above the basic level in mathematics. Only four states, the District of Columbia, and Guam had fewer than 50 percent of students performing at least at the basic level in math. Ten states had 70 percent or more of their students performing at or above the basic level.

Science

Long-term changes in science performance have been mixed, though changes over the past 10 years have been generally positive. In 1996, science performance among 17-year-olds was lower than in 1970, but higher than in 1986. The science performance level of 13-year-olds was higher in 1996 than in 1986, recouping the earlier declines. The science performance of 9-year-olds increased between 1986 and 1996, after showing no significant change between 1970 and 1986 (table 128).

The science performance of white 9- and 13-year-olds was about the same in 1996 as it was in 1970, and the performance of 17-year-olds was lower in 1996. However, the performance at each of the three age groups was higher in 1996 than in 1986. Black and Hispanic 9- and 13-year-olds had higher science performance in 1996 than in the 1970s. Black 17-year-olds showed a decline through 1982 and an increase by 1996. Despite significant gains by younger black and Hispanic students, their average performance remains lower than for white students. Although the performance gap between black and white students has narrowed, the science performance for black 13-year-olds was slightly lower than the average for white 9-year-olds in 1996 (table 128).

International Comparisons

The results of a 1995 international assessment in math and science show that U.S. 4th- and 8th-graders compare more favorably with other countries in

science than in mathematics. In mathematics, U.S. 8th-graders scored below the international average, falling below 20 of the 41 countries tested. Fourth-graders performed above the international average of 26 countries tested, scoring below seven countries, including Singapore, Korea, and Japan. Students at both the fourth- and eighth-grade levels scored above the international average in science. Eighth-grade students in the United States were outperformed by 4 out of 41 countries. Fourth-grade students once again compared more favorably with their international counterparts than 8th-grade students. Only one country outperformed the U.S. students in science out of 26 countries who participated in the fourth-grade assessment (tables 397, 399, 403, and 404).

The international standing of U.S. students was stronger at the 8th-grade than at the 12th-grade in both mathematics and science among the countries that participated in the assessments at both grade levels. U.S. 12th-graders performed below the international average and among the lowest of the 21 countries on the assessment of mathematics general knowledge. U.S. students were outperformed by those in 14 countries, and outperformed those in 2 countries. U.S. 12th-graders also performed below the international average and among the lowest scoring of the 21 countries on the assessment of science general knowledge. U.S. students were outperformed by students in 11 countries, and they outperformed students in 2 countries. Our students' scores were not significantly different from those of seven countries, including France, Germany, Italy and the Russian Federation (*Pursuing Excellence*, 12th grade, pages 17 and 18) (tables 405 and 406).

Graduates and Degrees

The number of high school graduates in 1997–98 totaled about 2.7 million. Approximately 2.4 million graduated from public schools and less than 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. The dropout rate declined over this period, from 14 percent of all 16- to 24-year-olds in 1977 to 11 percent in 1997 (tables 101 and 105). The number of degrees conferred by institutions of higher education during the 1997–98 school year by degree level has been projected: 520,000 associate degrees; 1,172,000 bachelor's degrees; 406,000 master's degrees; 78,400 first-professional degrees; and 45,200 doctor's degrees (table 244). The Bureau of the Census has collected annual statistics on the educational attainment of the population in terms of years of

school completed. Between 1980 and 1997, the proportion of the adult population 25 years of age and over with 4 years of high school or more rose from 69 percent to 82 percent, and the proportion of adults with at least 4 years of college increased from 17 percent to 24 percent. In contrast, the proportion of young adults (25- to 29-year-olds) completing high school showed a small increase of about 2 percentage points (table 8).

Expenditures

Expenditures for public and private education, from preprimary through graduate school, are estimated at \$584 billion for 1997–98. The expenditures of elementary and secondary schools are expected to total about \$351 billion for 1997–98, while those for institutions of higher education will be about \$233 billion. Viewed in another context, the total expenditures for education are expected to amount to about 7.2 percent of the gross domestic product in 1997–98, about the same percentage as in the recent past (table 31).

Summary

The statistical highlights in this section of the report provide a quantitative description of the current American education scene. Clearly, from the large number of participants, the number of years that people spend in school, and the large sums expended by educational institutions, it is evident that the American people have a high regard for education. Assessment data indicate that there have been improvements in mathematics and science performance between 1986 and 1996. A high proportion of high school graduates are going on to college. Yet, wide variations in student proficiency from state to state and mediocre mathematics scores of American students in international assessments pose challenges.

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 the National Center for Education Statistics are census-type surveys, all surveys are subject to design, reporting, and processing errors and errors due to non-response. 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 38.

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, and opinions about schools. Economic indicators and price indexes have been added to assist researchers in preparing comparative 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 17 or 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 National Center for Education Statistics. In addition, substantial contributions have been drawn from the work of other groups, both government and nongovernment, as shown in the source notes of the appropriate tables. Information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Enrollment, Teachers, and Schools

Enrollment in elementary and secondary schools grew rapidly during the 1950s and 1960s and peaked 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 28.5 million in fall 1988 to an estimated 33.5 million in fall 1998. Enrollment in the upper grades declined from 11.7 million in 1988 to 11.3 million in 1990, but then began rising, reaching 13.3 million in 1998.

The increase from 1988 to 1998 was most rapid in the elementary grades, but this pattern is expected to change. The growing numbers of young pupils that have been filling the elementary schools will cause significant increases at the secondary school level during the next decade. Between fall 1998 and fall 2008, public elementary enrollment is expected to remain fairly stable, while public secondary school enrollment is expected to rise by 11 percent. Public school enrollment is projected to set new records every year until 2006.

The proportion of students in private schools and colleges has changed little over the past 10 years. The percentage of private elementary and secondary students decreased slightly, from 12 percent in 1988 to 11 percent in 1998, and the percentage of college

students who attended private colleges and universities remained at 22 percent. In 1998, about 5.9 million students were enrolled in private schools at the elementary and secondary levels and 3.2 million students in institutions of higher education (table 3).

College enrollment fell from 14.5 million in fall 1992 to 14.3 million in fall 1996. However, total college enrollment is expected to increase during the remainder of the 1990s, as increasing numbers of high school graduates pursue higher education.

Although school attendance rates among 5- to 17-year-olds have remained relatively steady over the past 10 years, the proportion of 18- and 19-year-olds attending high school or college rose from 56 percent in 1987 to 62 percent in 1997. The proportion of 20- to 24-year-olds enrolled in school rose from 26 percent to 34 percent during the same time period (table 6).

Americans have become more educated. In 1997, 82 percent of the population 25 years old and over had completed high school and 24 percent had completed 4 or more years of college. This represents an increase from 1980, when 69 percent had completed high school and 17 percent had 4 years of college (table 8). In 1997, about 5 percent of persons, 25 years old or over, held a master's degree as their highest degree, slightly 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 3.1 million elementary and secondary school teachers were engaged in classroom instruc-

tion in the fall of 1998 (table 4). This number has risen about 17 percent since 1988. The number of public school teachers in 1998 was about 2.7 million and the number in private schools was estimated at 0.4 million. About 1.9 million teachers were teaching in elementary schools, while about 1.2 million were employed at the secondary level (table 4).

Expenditures

Education expenditures rose to an estimated high of \$584 billion in the 1997–98 school year. Elementary and secondary schools spent about 60 percent of this total, and colleges and universities accounted for the remaining 40 percent (table 31). An estimated 7.2 percent of the gross domestic product was spent by elementary and secondary schools and colleges and universities in 1997–98 (table 31).

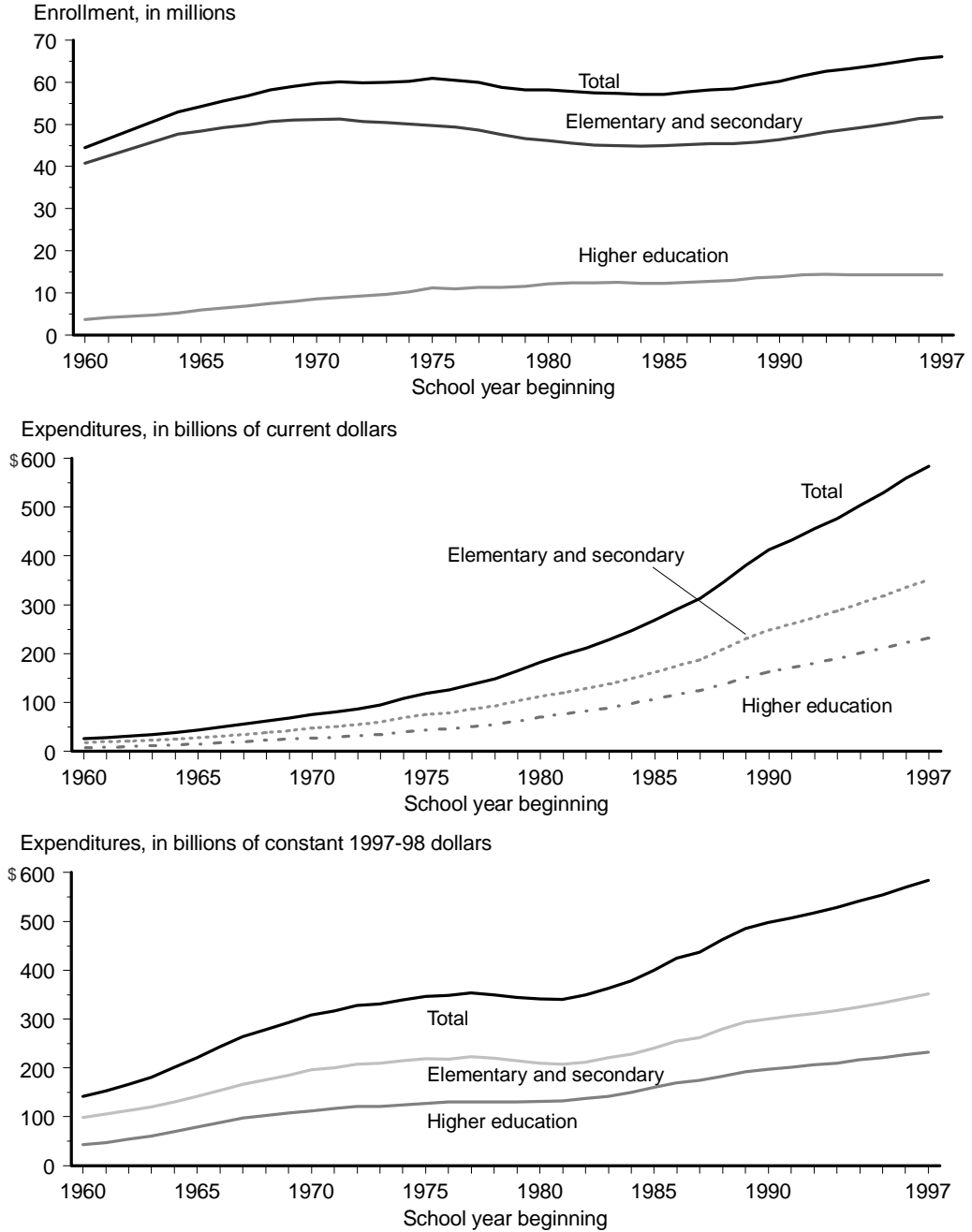
The proportion of total state and local government funds spent on education declined between 1980–81 and 1993–94, at least partly as a result of the drop in elementary and secondary enrollment in the early part of the decade, and the expansion of other governmental services. During this same time period, the proportion of federal funds spent on education rose (table 34). Of the 1994–95 state and local funds spent on education, about 70 percent went to elementary and secondary schools, 26 percent to colleges and universities, and 4 percent to other education programs (table 35).

insert fig 1 here

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.

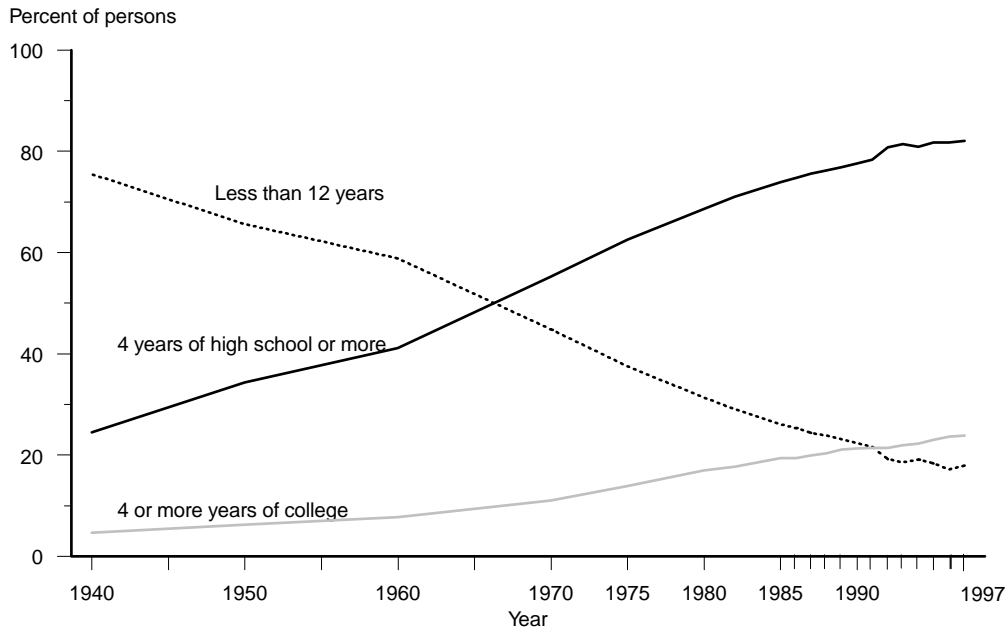
Figure 2.-Enrollment and total expenditures in current and constant dollars, by level of education: 1960-61 to 1997-98



NOTE.-Data for 1996-97 are preliminary and data for 1997-98 are estimates.

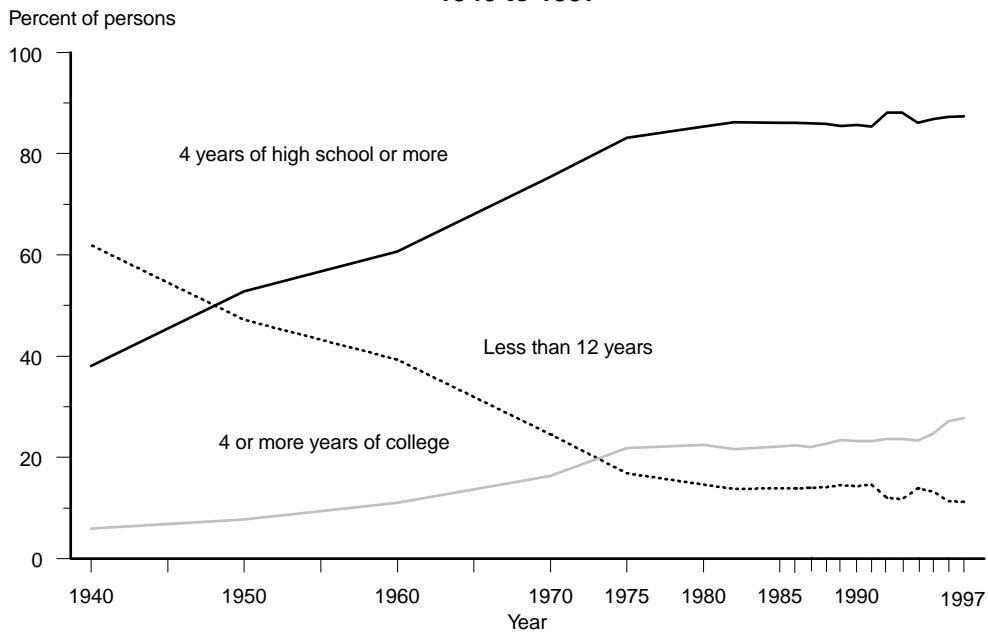
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Secondary Schools; Statistics of Nonpublic Elementary and Secondary Schools; Revenues and Expenditures 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 1997**



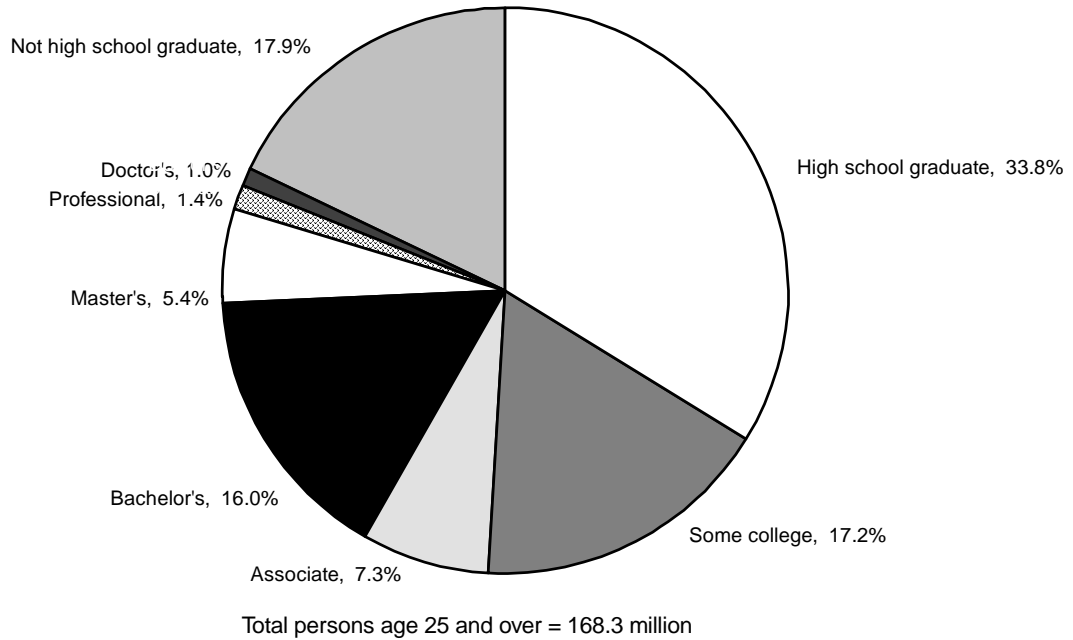
SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Vol. 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

**Figure 4.-Years of school completed by persons 25 to 29 years of age:
1940 to 1997**



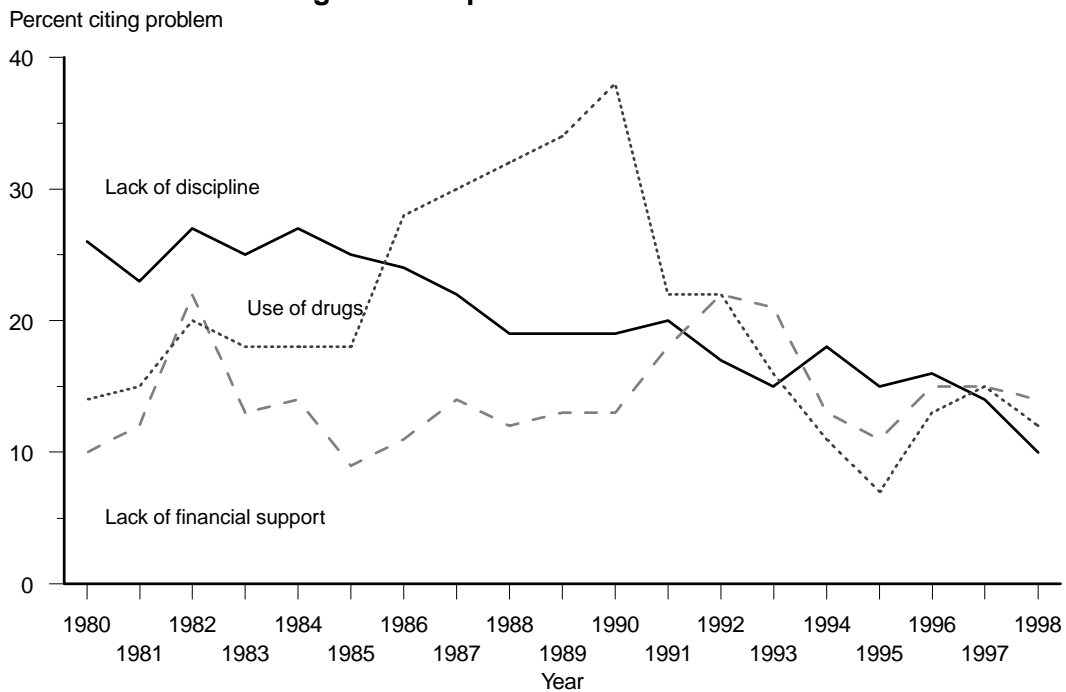
SOURCE: U.S. Department of Commerce, Bureau of the Census, *1960 Census of Population*, Vol. 1, part 1; and *Current Population Reports*, Series P-20; and Current Population Survey, unpublished data.

**Figure 5.—Highest level of education attained by persons 25 years and older:
March 1997**



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 1998



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 elementary and secondary education and in higher education:
Fall 1998**
[In millions]

Participants	All levels (elementary, secondary, and higher education)	Elementary and secondary schools			Institutions of higher education		
		Total	Public	Private	Total	Public	Private
1	2	3	4	5	6	7	8
Total	75.4	58.6	52.0	6.6	16.8	12.9	3.9
Enrollment ¹	67.3	52.7	46.8	5.9	14.6	11.4	3.2
Teachers and faculty	3.8	3.1	2.7	0.4	0.7	0.5	0.2
Other professional, administrative, and support staff	4.2	2.8	2.5	0.2	1.5	1.0	0.5

¹ 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. Higher education comprises full-time and part-time students enrolled in degree-credit and non-degree-credit programs in universities, other 4-year colleges, and 2-year colleges.

NOTE.—The enrollment figures include all students in elementary and secondary schools and colleges and universities. However, the 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. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, unpublished projections and estimates. (This table was prepared July 1998.)

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 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996 ¹	Projected fall 1997	Projected fall 1998	Projected fall 1999	Projected fall 2000	Projected fall 2005
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
All levels	58,305	57,226	60,267	61,605	62,686	63,241	63,986	64,803	65,674	66,170	67,309	67,871	68,334	69,942
Public	50,335	48,901	52,061	53,356	54,208	54,654	55,245	55,933	56,682	57,161	58,187	58,668	59,065	60,436
Private	7,971	8,325	8,206	8,248	8,478	8,587	8,741	8,869	8,993	9,010	9,121	9,203	9,269	9,506
Elementary and secondary education ²	46,208	44,979	46,448	47,246	48,198	48,936	49,707	50,540	51,375	51,821	52,718	53,112	53,445	54,426
Public	40,877	39,422	41,217	42,047	42,823	43,465	44,111	44,840	45,592	45,953	46,792	47,143	47,439	48,335
Private	5,331	5,557	5,232	5,199	5,375	5,471	³ 5,596	³ 5,700	³ 5,783	5,867	5,927	5,970	6,006	6,091
Grades K-8 ⁴	31,639	31,229	33,973	34,580	35,300	35,784	36,258	36,772	37,245	37,495	38,110	38,338	38,543	38,376
Public	27,647	27,034	29,878	30,506	31,088	31,504	31,898	32,341	32,759	32,951	33,522	33,722	33,903	33,756
Private	3,992	4,195	4,095	³ 4,074	³ 4,212	³ 4,280	³ 4,360	³ 4,431	³ 4,486	4,545	4,588	4,616	4,640	4,620
Grades 9-12	14,570	13,750	12,475	12,666	12,898	13,152	13,449	13,769	14,131	14,324	14,608	14,774	14,902	16,050
Public	13,231	12,388	11,338	11,541	11,735	11,961	12,213	12,500	12,834	13,003	13,270	13,420	13,537	14,579
Private	1,339	1,362	1,137	³ 1,125	³ 1,163	³ 1,191	³ 1,236	³ 1,269	³ 1,297	1,322	1,339	1,354	1,366	1,471
Higher education ⁵	12,097	12,247	13,819	14,359	14,487	14,305	14,279	14,262	14,300	14,350	14,590	14,758	14,889	15,516
Public	9,457	9,479	10,845	11,310	11,385	11,189	11,134	11,092	11,090	11,208	11,395	11,525	11,626	12,101
Undergraduate ⁶	8,442	8,477	9,710	10,148	10,216	10,012	9,945	9,904	9,905	10,024	10,213	10,345	10,452	10,910
First-professional	114	112	112	111	111	114	114	115	116	107	106	105	104	108
Graduate ⁷	901	890	1,023	1,050	1,058	1,064	1,075	1,074	1,068	1,076	1,077	1,075	1,070	1,084
Private	2,640	2,768	2,974	3,049	3,103	3,116	3,145	3,169	3,210	3,143	3,194	3,233	3,263	3,415
Undergraduate ⁶	2,033	2,120	2,250	2,291	2,321	2,312	2,317	2,328	2,354	2,333	2,387	2,428	2,462	2,601
First-professional	163	162	162	169	170	179	181	183	181	169	167	166	165	170
Graduate ⁷	443	486	563	589	611	625	647	659	675	640	639	636	644	

¹ Higher education data are preliminary.

² 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, federal schools, and home-schooled children. Based on Department estimates, the home-schooled children numbered approximately 800,000 to 1,000,000 in 1997-98. Excludes preprimary pupils in schools that do not offer first grade or above.

³ Estimated.

⁴ Includes kindergarten and some nursery school pupils.

⁵ Includes full-time and part-time students enrolled in degree-credit and nondegree-credit programs in universities and 2-year and 4-year colleges.

⁶ Includes unclassified students below the baccalaureate level.

⁷ Includes unclassified postbaccalaureate students.

NOTE.—Higher education enrollment projections are based on the middle alternative projections published by the National Center for Education Statistics. Because of rounding, details may not add to totals. 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 2008*. (This table was prepared July 1998.)

**Table 3.—Enrollment in educational institutions, by level and by control of institution:
1869–70 to fall 2008**

[In thousands]

Year	Total enrollment, all levels	Elementary and secondary, total	Public elementary and secondary schools			Private elementary and secondary schools ¹			Higher education 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 1964	52,996	47,716	41,416	30,025	11,391	³ 6,300	³ 5,000	1,300	5,280	3,468	1,812
Fall 1965	54,394	48,473	42,173	30,563	11,610	6,300	4,900	1,400	5,921	3,970	1,951
Fall 1966	55,629	49,239	43,039	31,145	11,894	³ 6,200	³ 4,800	³ 1,400	6,390	4,349	2,041
Fall 1967	56,803	49,891	43,891	31,641	12,250	³ 6,000	³ 4,600	³ 1,400	6,912	4,816	2,096
Fall 1968	58,257	50,744	44,944	32,226	12,718	5,800	4,400	1,400	7,513	5,431	2,082
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	58,254	45,488	40,008	27,933	12,076	5,479	4,232	1,247	12,767	9,973	2,793
Fall 1988	58,485	45,430	40,189	28,501	11,687	³ 5,241	³ 4,036	³ 1,206	13,055	10,161	2,894
Fall 1989	59,436	45,898	40,543	29,152	11,390	³ 5,355	³ 4,162	³ 1,193	13,539	10,578	2,961
Fall 1990	60,267	46,448	41,217	29,878	11,338	5,232	4,095	1,137	13,819	10,845	2,974
Fall 1991	61,605	47,246	42,047	30,506	11,541	³ 5,199	³ 4,074	³ 1,125	14,359	11,310	3,049
Fall 1992	62,686	48,198	42,823	31,088	11,735	³ 5,375	³ 4,212	³ 1,163	14,487	11,385	3,103
Fall 1993	63,241	48,936	43,465	31,504	11,961	³ 5,471	³ 4,280	³ 1,191	14,305	11,189	3,116
Fall 1994	63,986	49,707	44,111	31,898	12,213	³ 5,596	³ 4,360	³ 1,236	14,279	11,134	3,145
Fall 1995	64,803	50,540	44,840	32,341	12,500	³ 5,700	³ 4,431	³ 1,269	14,262	11,092	3,169
Fall 1996 ⁴	65,674	51,375	45,592	32,759	12,834	³ 5,783	³ 4,486	³ 1,297	14,300	11,090	3,210
Fall 1997 ⁵	66,170	51,821	45,953	32,951	13,003	5,867	4,545	1,322	14,350	11,208	3,143
Fall 1998 ⁵	67,309	52,718	46,792	33,522	13,270	5,927	4,588	1,339	14,590	11,395	3,194
Fall 1999 ⁵	67,871	53,112	47,143	33,722	13,420	5,970	4,616	1,354	14,758	11,525	3,233
Fall 2000 ⁵	68,334	53,445	47,439	33,903	13,537	6,006	4,640	1,366	14,889	11,626	3,263
Fall 2001 ⁵	68,728	53,736	47,698	34,055	13,643	6,038	4,661	1,376	14,992	11,705	3,287
Fall 2002 ⁵	69,040	53,987	47,924	34,124	13,800	6,063	4,671	1,392	15,053	11,751	3,303
Fall 2003 ⁵	69,338	54,153	48,075	34,124	13,951	6,078	4,671	1,407	15,185	11,849	3,335
Fall 2004 ⁵	69,657	54,308	48,221	33,958	14,263	6,087	4,648	1,439	15,349	11,975	3,374
Fall 2005 ⁵	69,942	54,426	48,335	33,756	14,579	6,091	4,620	1,471	15,516	12,101	3,415
Fall 2006 ⁵	70,160	54,457	48,368	33,584	14,785	6,088	4,597	1,491	15,703	12,242	3,461
Fall 2007 ⁵	70,305	54,425	48,342	33,489	14,854	6,082	4,584	1,498	15,880	12,378	3,502
Fall 2008 ⁵	70,351	54,268	48,201	33,455	14,746	6,067	4,579	1,488	16,083	12,534	3,549

¹ Beginning 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.

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

³ Estimated.

⁴ Preliminary data.

⁵ Projected.

—Data not available.

NOTE.—Elementary and secondary enrollment includes pupils in 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 Department esti-

mates, the home-schooled children numbered approximately 800,000 to 1,000,000 in 1997–98. Public elementary enrollment includes most preprimary school pupils. Private elementary enrollment includes some preprimary students. Higher education includes colleges, universities, professional schools, and 2-year colleges. Higher education enrollment projections are based on the middle alternative projections published by the National Center for Education Statistics. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

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 2008; 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 1998.)

Table 4.—Teachers in elementary and secondary schools, and senior instructional staff in institutions of higher education, by control of institution: Fall 1970 to fall 2008

[In thousands]

Fall	All levels			Elementary and secondary teachers ¹									Higher education senior instructional staff ²		
	Total	Public	Private	Total			Elementary teachers			Secondary teachers			Total	Public	Private
				Total	Public	Private	Total	Public	Private	Total	Public	Private			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1970	2,766	2,373	393	2,292	2,059	233	1,283	1,130	153	1,009	929	80	474	314	160
1975	3,081	2,641	440	2,453	2,198	³ 255	1,353	1,181	³ 172	1,100	1,017	³ 83	628	443	185
1980	3,171	2,679	492	2,485	2,184	301	1,401	1,189	212	1,084	995	89	³ 686	³ 495	³ 191
1981	3,145	2,636	509	2,440	2,127	³ 313	1,404	1,183	³ 221	1,037	945	³ 92	705	509	196
1982	3,168	2,639	529	2,458	2,133	³ 325	1,413	1,182	³ 231	1,045	951	³ 94	³ 710	³ 506	³ 204
1983	3,200	2,651	549	2,476	2,139	337	1,426	1,186	240	1,050	953	97	724	512	212
1984	3,225	2,673	552	2,508	2,168	³ 340	1,451	1,208	³ 243	1,057	960	³ 97	³ 717	³ 505	³ 212
1985	3,264	2,709	555	2,549	2,206	343	1,483	1,237	246	1,066	969	97	³ 715	³ 503	³ 212
1986	3,314	2,754	560	2,592	2,244	³ 348	1,521	1,271	³ 250	1,071	973	³ 98	³ 722	³ 510	³ 212
1987	3,424	2,831	593	2,631	2,279	³ 353	1,563	1,306	³ 257	1,068	973	³ 95	⁴ 793	⁴ 553	⁴ 240
1988	3,472	2,882	590	2,668	2,323	³ 345	1,604	1,353	³ 251	1,064	970	³ 94	³ 804	³ 559	³ 245
1989	3,558	2,934	624	2,734	2,357	³ 377	1,662	1,387	³ 275	1,072	970	³ 102	824	577	247
1990	3,570	2,972	599	2,753	2,398	³ 355	1,683	1,429	³ 254	1,070	969	³ 101	³ 817	³ 574	³ 244
1991	3,613	3,013	600	2,787	2,432	³ 355	1,722	1,468	³ 254	1,065	964	³ 101	826	581	245
1992	3,699	3,080	620	2,822	2,459	³ 363	1,752	1,492	³ 260	1,070	967	³ 103	³ 877	³ 621	³ 257
1993	3,785	3,154	631	2,870	2,504	³ 366	1,775	1,513	³ 262	1,095	991	³ 104	915	650	265
1994	3,849	3,205	644	2,926	2,552	³ 374	1,791	1,525	³ 266	1,135	1,027	³ 108	³ 923	³ 653	³ 270
1995	3,910	3,255	655	2,978	2,598	³ 380	1,794	1,525	³ 269	1,184	1,073	³ 111	932	657	275
1996	3,988	3,323	665	3,053	2,666	³ 387	1,856	1,582	³ 274	1,197	1,084	³ 113	³ 935	³ 657	³ 278
1997 ⁵	4,040	3,374	667	3,103	2,710	³ 394	1,882	1,604	³ 278	1,222	1,106	³ 116	³ 936	³ 664	³ 273
1998 ⁵	4,079	3,403	676	3,126	2,728	399	1,894	1,612	281	1,233	1,116	117	952	675	277
1999 ⁵	4,131	3,446	684	3,167	2,764	404	1,916	1,632	285	1,251	1,132	119	963	682	280
2000 ⁵	4,182	3,490	692	3,211	2,802	409	1,939	1,651	288	1,272	1,151	121	971	688	283
2001 ⁵	—	—	—	3,245	2,832	413	1,957	1,666	291	1,288	1,166	123	—	—	—
2002 ⁵	—	—	—	3,284	2,866	418	1,972	1,679	293	1,312	1,187	125	—	—	—
2003 ⁵	—	—	—	3,325	2,903	423	1,989	1,693	295	1,336	1,209	127	—	—	—
2004 ⁵	—	—	—	3,362	2,935	427	2,001	1,704	297	1,361	1,231	129	—	—	—
2005 ⁵	—	—	—	3,394	2,963	430	2,012	1,713	299	1,382	1,250	131	—	—	—
2006 ⁵	—	—	—	3,418	2,985	433	2,021	1,721	300	1,397	1,264	133	—	—	—
2007 ⁵	—	—	—	3,441	3,005	436	2,033	1,731	302	1,408	1,274	134	—	—	—
2008 ⁵	—	—	—	3,460	3,022	438	2,047	1,743	304	1,413	1,279	134	—	—	—

¹ Includes teachers 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. 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.

—Data not available.

NOTE.—Because of rounding, details may not add to totals. 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; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey; and U.S. Equal Employment Opportunity Commission, Higher Education General Information (EE0-6) Survey (HEGIS), and unpublished data. (This table was prepared July 1998.)

Table 5.—Educational institutions, by level and control of institution: 1980–81 to 1996–97

Level and control of institution	1980–81	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97
1	2	3	4	5	6	7	8	9	10	11	12	13
All institutions	117,707	121,433	122,111	—	—	119,242	—	—	121,855	—	124,773	—
Elementary and secondary schools	106,746	109,071	110,055	—	—	109,228	—	—	111,486	—	114,811	—
Elementary	72,659	74,104	74,511	—	—	74,716	—	—	75,591	—	77,909	—
Secondary	24,856	23,844	24,057	—	—	23,602	—	—	23,256	—	23,530	—
Combined	5,202	6,932	8,202	—	—	8,847	—	—	10,678	—	11,205	—
Other ¹	4,029	4,191	3,285	—	—	2,063	—	—	1,962	—	2,167	—
Public schools	85,982	83,455	83,248	83,165	83,425	84,538	84,578	84,497	85,393	86,221	87,125	88,223
Elementary	59,326	58,801	57,575	57,941	58,419	59,015	59,258	59,676	60,052	60,808	61,165	61,805
Secondary	22,619	21,406	21,662	21,403	21,181	21,135	20,767	20,671	20,705	20,904	20,997	21,307
Combined	1,743	1,983	2,179	2,235	2,280	2,325	2,481	2,549	2,674	2,764	2,796	2,980
Other ¹	2,294	1,265	1,832	1,586	1,545	2,063	2,072	1,601	1,962	1,745	2,167	2,131
Private schools	20,764	² 25,616	26,807	—	—	24,690	25,998	—	26,093	—	27,686	—
Elementary	13,333	² 15,303	16,936	—	—	15,701	15,716	—	15,539	—	16,744	—
Secondary	2,237	² 2,438	2,395	—	—	2,467	2,475	—	2,551	—	2,533	—
Combined	3,459	² 4,949	6,023	—	—	6,522	7,807	—	8,004	—	8,409	—
Other ¹	1,735	² 2,926	1,453	—	—	(³)	(³)	—	(³)	—	(³)	—
Postsecondary institutions	⁴ 10,961	12,362	12,056	11,389	10,606	10,014	9,983	10,601	10,369	10,246	9,962	9,837
Public	⁴ 2,393	2,363	2,250	2,169	2,120	2,096	2,129	2,146	2,152	2,179	2,189	2,169
Private nonprofit	⁴ 2,359	3,432	3,254	3,092	2,942	2,808	2,810	2,926	2,890	2,916	2,877	2,855
Proprietary	⁴ 6,209	6,567	6,552	6,128	5,544	5,110	5,044	5,529	5,327	5,151	4,896	4,813
Noncollegiate institutions ⁵	⁴ 7,730	8,956	8,469	7,824	7,071	6,455	6,382	6,963	6,737	6,558	6,256	5,828
Public	⁴ 896	830	659	587	557	529	531	522	527	538	534	467
Private nonprofit	⁴ 790	1,797	1,581	1,434	1,286	1,159	1,148	1,254	1,203	1,214	1,171	1,162
Proprietary	⁴ 6,044	6,329	6,229	5,803	5,228	4,767	4,703	5,187	5,007	4,806	4,551	4,199
Institutions of higher education ⁵	3,231	3,406	3,587	3,565	3,535	3,559	3,601	3,638	3,632	3,688	3,706	4,009
2-year colleges	1,274	1,336	1,452	1,436	1,408	1,418	1,444	1,469	1,442	1,473	1,462	1,742
Public	945	960	992	984	968	972	999	1,024	1,021	1,036	1,047	1,088
Private nonprofit	182	173	186	180	177	167	176	179	181	192	187	184
Proprietary	147	203	274	272	263	279	269	266	240	245	228	470
4-year colleges	1,957	2,070	2,135	2,129	2,127	2,141	2,157	2,169	2,190	2,215	2,244	2,267
Public	552	573	599	598	595	595	599	600	604	605	608	614
Private nonprofit	1,387	1,462	1,487	1,478	1,479	1,482	1,486	1,493	1,506	1,510	1,519	1,509
Proprietary	18	35	49	53	53	64	72	76	80	100	117	144

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 Data are for 1985–86. Data were collected from a sample survey that differed significantly from earlier surveys. The sample survey was designed to correct an undercount of about 10 percent that was known to have occurred in earlier surveys.

³ Included in other categories.

⁴ Because of changes in survey procedures, figures are not directly comparable with data for later years.

⁵ Includes those colleges designated as institutions of higher education by the Higher Education General Information Survey system, even if they have a less than 2-year program. Includes branch campuses. Beginning in 1980, total includes some schools ac-

credited by the Accrediting Commission of Career Schools and Colleges of Technology. 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. Institutions not meeting these criteria were classified as noncollegiate institutions. —Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data and 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 1998.)

**Table 6.—Percent of the population 3 to 34 years old enrolled in school,¹ by age:
April 1940 to October 1997**

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

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.

—Data not available.

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 August 1998.)

Table 7.—Percent of the population 3 to 34 years old enrolled in school,¹ by race/ethnicity, sex, and age: October 1980 to October 1997

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	53.0	57.7	54.8	56.1	55.2	60.4	58.1	51.5	50.8	55.3	51.7
3 and 4 years	31.5	31.0	34.4	27.3	30.9	31.1	31.4	26.7	32.1	30.9	37.5	27.9
5 and 6 years	94.7	95.1	94.4	92.1	94.4	94.8	94.8	89.7	95.1	95.4	94.0	94.4
7 to 9 years	99.3	99.4	99.3	99.6	99.2	99.2	99.4	99.6	99.5	99.6	99.2	99.5
10 to 13 years	99.3	99.3	99.1	99.2	98.9	99.0	98.9	98.8	99.6	99.6	99.3	99.7
14 and 15 years	98.2	98.5	97.4	95.6	98.4	98.6	97.6	97.4	98.0	98.4	97.2	93.8
16 and 17 years	89.0	89.5	86.8	86.2	90.7	91.2	88.1	88.3	87.2	87.8	85.5	84.0
18 and 19 years	46.9	46.8	46.9	44.0	49.9	49.4	49.6	51.9	44.2	44.2	44.6	37.1
20 and 21 years	31.2	32.1	26.7	27.5	35.3	36.7	28.4	31.3	27.4	27.8	25.3	24.3
22 to 24 years	16.2	16.4	13.9	14.1	20.0	20.8	14.5	15.9	12.6	12.2	13.4	12.5
25 to 29 years	10.1	10.1	9.4	8.3	13.1	13.2	11.6	11.9	7.2	7.2	7.6	5.3
30 to 34 years	6.6	6.6	7.1	5.5	7.7	7.5	8.7	7.2	5.6	5.8	5.9	4.1
1980												
Total, 3 to 34 years	49.7	48.8	54.0	49.8	50.9	50.0	56.2	49.9	48.5	47.7	52.1	49.8
3 and 4 years	36.7	37.4	38.2	28.5	37.8	39.2	36.4	30.1	35.5	35.5	40.0	26.6
5 and 6 years	95.7	95.9	95.5	94.5	95.0	95.4	94.1	94.0	96.4	96.5	97.0	94.9
7 to 9 years	99.1	99.1	99.4	98.4	99.0	99.0	99.5	97.7	99.2	99.2	99.3	99.0
10 to 13 years	99.4	99.4	99.4	99.7	99.4	99.4	99.4	99.4	99.4	99.3	99.3	99.9
14 and 15 years	98.2	98.7	97.9	94.3	98.7	98.9	98.4	96.7	97.7	98.5	97.3	92.1
16 and 17 years	89.0	89.2	90.7	81.8	89.1	89.4	90.7	81.5	88.8	89.0	90.6	82.2
18 and 19 years	46.4	47.0	45.8	37.8	47.0	48.5	42.9	36.9	45.8	45.7	48.3	38.8
20 and 21 years	31.0	33.0	23.3	19.5	32.6	34.8	22.8	21.4	29.5	31.3	23.7	17.6
22 to 24 years	16.3	16.8	13.6	11.7	17.8	18.7	13.4	10.7	14.9	15.0	13.7	12.6
25 to 29 years	9.3	9.4	8.8	6.9	9.8	9.8	10.6	6.8	8.8	9.1	7.5	6.9
30 to 34 years	6.4	6.4	6.9	5.1	5.9	5.6	7.2	6.2	7.0	7.2	6.6	4.1
1985												
Total, 3 to 34 years	48.3	47.8	50.8	47.7	49.2	48.7	52.6	47.5	47.4	46.9	49.2	47.9
3 and 4 years	38.9	40.3	42.8	27.0	36.7	39.1	34.6	26.4	41.2	41.6	50.3	27.7
5 and 6 years	96.1	96.6	95.7	94.5	95.3	95.6	94.5	95.3	97.0	97.6	97.1	93.7
7 to 9 years	99.1	99.4	98.6	98.4	99.0	99.3	98.4	98.9	99.2	99.4	98.9	98.0
10 to 13 years	99.3	99.3	99.5	99.4	99.2	99.2	99.1	99.1	99.4	99.3	99.9	99.7
14 and 15 years	98.1	98.3	98.1	96.1	98.3	98.4	98.5	96.2	97.9	98.1	97.6	96.0
16 and 17 years	91.7	92.5	91.8	84.5	92.4	92.9	92.0	88.9	90.9	92.2	91.6	80.0
18 and 19 years	51.6	53.7	43.5	41.8	52.2	53.4	49.4	38.6	51.0	54.0	37.8	44.7
20 and 21 years	35.3	37.2	27.7	24.0	36.5	38.8	29.9	20.3	34.1	35.7	25.8	27.4
22 to 24 years	16.9	17.5	13.8	11.6	18.8	19.8	13.5	12.6	15.1	15.4	14.0	10.4
25 to 29 years	9.2	9.6	7.4	6.6	9.4	9.7	5.8	8.2	9.1	9.4	8.7	4.9
30 to 34 years	6.1	6.2	5.2	5.7	5.4	5.6	3.9	4.0	6.8	6.9	6.2	7.5
1990												
Total, 3 to 34 years	50.2	49.8	52.2	47.2	50.9	50.4	54.3	46.8	49.5	49.2	50.3	47.7
3 and 4 years	44.4	47.2	41.8	30.7	43.9	47.9	38.1	28.0	44.9	46.6	45.5	33.6
5 and 6 years	96.5	96.7	96.5	94.9	96.5	96.8	96.2	95.8	96.4	96.7	96.9	93.9
7 to 9 years	99.7	99.7	99.8	99.5	99.7	99.7	99.9	99.5	99.6	99.7	99.8	99.4
10 to 13 years	99.6	99.7	99.9	99.1	99.6	99.6	99.9	99.0	99.7	99.7	99.8	99.1
14 and 15 years	99.0	99.0	99.4	99.0	99.1	99.2	99.7	99.1	98.9	98.9	99.1	98.8
16 and 17 years	92.5	93.5	91.7	85.4	92.6	93.4	93.0	85.5	92.4	93.7	90.5	85.3
18 and 19 years	57.2	59.1	55.0	44.0	58.2	59.7	60.4	40.7	56.3	58.5	49.8	47.2
20 and 21 years	39.7	43.1	28.3	27.2	40.3	44.2	31.0	21.7	39.2	42.0	25.8	33.1
22 to 24 years	21.0	21.9	19.7	9.9	22.3	23.7	19.3	11.2	19.9	20.3	20.0	8.4
25 to 29 years	9.7	10.4	6.1	6.3	9.2	10.0	4.7	4.6	10.2	10.7	7.3	8.1
30 to 34 years	5.8	6.2	4.5	3.6	4.8	5.0	2.3	4.0	6.9	7.4	6.3	3.1
1997												
Total, 3 to 34 years	55.6	55.6	58.6	50.8	55.8	55.9	59.7	49.0	55.4	55.2	57.5	52.7
3 and 4 years ²	52.6	54.9	60.0	36.6	51.9	54.9	57.4	35.5	53.2	55.0	62.9	37.7
5 and 6 years	96.5	96.9	95.7	96.6	96.7	97.3	94.0	97.7	96.4	96.4	97.1	95.7
7 to 9 years	98.8	98.9	99.2	98.6	98.6	98.8	98.7	97.7	99.1	99.0	99.8	99.6
10 to 13 years	99.3	99.2	99.4	99.6	99.4	99.3	99.1	99.8	99.3	99.1	99.7	99.5
14 and 15 years	98.9	98.9	99.2	98.4	99.1	99.0	99.5	99.5	98.7	98.8	98.9	97.3
16 and 17 years	94.3	95.1	93.5	91.1	94.2	94.5	93.8	92.5	94.4	95.7	93.2	89.6
18 and 19 years	61.5	64.0	57.8	49.4	60.5	63.3	56.2	45.4	62.4	64.9	59.4	53.9
20 and 21 years	45.9	49.9	36.0	28.9	44.4	48.5	35.1	27.6	47.4	51.3	36.7	30.4
22 to 24 years	26.4	27.8	25.7	16.4	25.4	27.5	21.8	14.0	27.4	28.1	28.9	19.2
25 to 29 years	11.8	12.2	10.6	7.3	11.7	12.0	10.1	5.9	11.9	12.4	10.9	8.8
30 to 34 years	5.7	5.6	6.5	3.7	4.7	4.6	5.8	2.7	6.6	6.6	7.2	4.9

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 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, Current Population Survey, unpublished data. (This table was prepared August 1998.)

Table 8.—Years of school completed by persons age 25 and over and 25 to 29, by race/ethnicity and sex: 1910 to 1997

Age, year, and sex	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 1986	2.7	74.7	19.4	1.4	78.2	20.1	5.3	62.5	10.9	12.9	48.5	8.4
March 1987	2.4	75.6	19.9	1.3	79.0	20.5	4.9	63.6	10.8	11.9	50.9	8.6
March 1988	2.5	76.2	20.3	1.2	79.8	21.8	4.8	63.5	11.2	12.2	51.0	10.0
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
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 1986	0.9	86.1	22.4	0.4	89.6	25.2	0.5	83.5	11.8	5.6	59.1	9.0
March 1987	0.9	86.0	22.0	0.4	89.4	24.7	0.4	83.5	11.5	4.8	59.8	8.7
March 1988	1.0	85.9	22.7	0.3	89.7	25.1	0.3	80.9	12.0	6.0	62.3	11.3
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
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
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

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

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

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

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

—Data not available.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *U.S. Census of Population, 1960*, Vol. 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 July 1998.)

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

**Table 9.—Highest level of education attained by persons age 18 and over, by age, sex, and race/ethnicity:
March 1997**
[In thousands]

Age, sex, and race	Total population ¹	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	195,568	6,799	7,250	19,393	2,868	65,370	38,041	13,336	29,089	9,205	2,455	1,761
18 and 19 years old	7,498	71	101	2,646	425	2,312	1,916	17	9	1	—	—
20 to 24 years old	17,489	339	225	1,628	350	5,472	6,757	914	1,723	73	8	—
25 years old and over	170,581	6,389	6,924	15,119	2,093	57,586	29,367	12,406	27,357	9,132	2,447	1,761
25 to 29 years old	19,260	423	276	1,479	255	5,821	4,160	1,490	4,390	692	184	90
30 to 34 years old	20,996	509	298	1,591	299	6,889	3,883	1,991	4,099	972	291	174
35 to 39 years old	22,755	555	315	1,700	281	7,991	4,225	2,013	4,060	1,139	284	191
40 to 49 years old	39,559	995	744	2,531	370	13,061	7,351	3,540	6,972	2,766	743	486
50 to 59 years old	26,238	1,012	998	2,134	297	9,234	4,274	1,740	3,782	1,933	396	437
60 to 64 years old	9,896	572	622	1,151	132	3,657	1,370	487	1,083	540	149	132
65 years old and over	31,877	2,322	3,670	4,532	460	10,933	4,104	1,146	2,970	1,090	401	250
Males												
18 and over	94,154	3,471	3,434	9,464	1,551	30,196	18,183	5,731	14,387	4,809	1,711	1,218
18 and 19 years old	3,783	42	61	1,486	237	1,134	815	7	—	—	—	—
20 to 24 years old	8,751	189	136	846	233	2,836	3,335	425	716	33	2	—
25 years old and over	81,620	3,240	3,237	7,132	1,080	26,226	14,033	5,299	13,672	4,776	1,708	1,218
25 to 29 years old	9,613	229	159	805	173	2,970	2,088	660	2,069	311	111	38
30 to 34 years old	10,426	282	153	852	178	3,512	1,826	905	1,962	481	175	102
35 to 39 years old	11,323	321	157	904	163	4,053	2,007	851	1,972	599	187	107
40 to 49 years old	19,439	530	345	1,340	198	6,103	3,619	1,550	3,529	1,384	508	336
50 to 59 years old	12,725	544	548	979	127	4,077	2,031	726	2,002	1,069	291	332
60 to 64 years old	4,689	280	311	471	59	1,537	673	216	592	336	112	103
65 years old and over	13,404	1,054	1,564	1,782	181	3,974	1,789	392	1,546	596	325	200
Females												
18 and over	101,414	3,328	3,816	9,930	1,317	35,174	19,858	7,606	14,702	4,396	744	543
18 and 19 years old	3,715	29	40	1,160	187	1,178	1,101	10	9	1	—	—
20 to 24 years old	8,737	150	89	783	117	2,635	3,422	488	1,008	39	5	—
25 years old and over	88,961	3,149	3,687	7,987	1,013	31,360	15,335	7,107	13,685	4,356	739	543
25 to 29 years old	9,647	194	117	674	82	2,850	2,073	830	2,321	381	73	52
30 to 34 years old	10,570	228	145	739	120	3,377	2,057	1,086	2,137	491	116	72
35 to 39 years old	11,432	234	158	796	118	3,938	2,218	1,163	2,088	540	97	84
40 to 49 years old	20,120	465	400	1,192	172	6,959	3,732	1,990	3,443	1,383	235	150
50 to 59 years old	13,513	468	450	1,155	170	5,157	2,243	1,014	1,780	865	105	105
60 to 64 years old	5,207	293	311	681	73	2,120	697	270	491	204	37	30
65 years old and over	18,474	1,268	2,106	2,750	278	6,959	2,315	753	1,424	493	76	51
White, non-Hispanic												
18 and over	145,855	1,834	4,860	12,372	1,584	50,200	29,052	10,595	24,072	7,731	2,076	1,477
18 and 19 years old	4,971	4	61	1,647	242	1,598	1,399	11	7	1	—	—
20 to 24 years old	11,585	34	77	713	152	3,561	4,877	731	1,383	53	5	—
25 years old and over	129,299	1,797	4,722	10,012	1,190	45,042	22,775	9,853	22,681	7,677	2,071	1,477
25 to 29 years old	12,924	34	107	684	97	3,817	2,855	1,111	3,505	497	143	74
30 to 34 years old	14,486	35	101	824	137	4,870	2,677	1,488	3,270	748	213	122
35 to 39 years old	16,434	51	112	1,046	160	5,906	3,026	1,520	3,302	927	237	147
40 to 49 years old	30,010	180	332	1,501	182	9,995	5,716	2,912	5,767	2,375	633	417
50 to 59 years old	20,548	230	642	1,412	149	7,506	3,578	1,418	3,201	1,676	354	381
60 to 64 years old	7,864	157	437	829	93	3,116	1,190	393	927	465	135	123
65 years old and over	27,033	1,110	2,992	3,716	371	9,832	3,731	1,011	2,709	989	357	214
Black, non-Hispanic												
18 and over	22,186	789	830	3,395	581	8,060	4,604	1,312	1,904	564	84	62
18 and 19 years old	1,148	3	10	471	72	385	206	—	—	—	—	—
20 to 24 years old	2,425	15	13	334	76	950	841	63	127	5	—	—
25 years old and over	18,613	771	807	2,589	433	6,725	3,557	1,249	1,777	559	84	62
25 to 29 years old	2,529	15	3	258	55	1,019	672	147	301	48	5	6
30 to 34 years old	2,653	33	29	289	63	1,019	614	248	296	51	7	4
35 to 39 years old	2,812	17	41	298	56	1,090	680	243	323	45	17	2
40 to 49 years old	4,528	74	129	540	98	1,745	915	335	478	166	31	18
50 to 59 years old	2,576	123	131	429	82	921	360	164	205	145	1	14
60 to 64 years old	962	93	79	212	28	299	106	43	58	34	7	2
65 years old and over	2,553	416	394	562	52	632	211	69	115	71	15	15
Hispanic												
18 and over	19,103	3,683	1,324	3,017	607	5,005	2,892	889	1,228	282	103	73
18 and 19 years old	1,034	61	30	423	87	259	170	5	—	—	—	—
20 to 24 years old	2,592	283	130	500	112	735	668	79	75	7	3	—
25 years old and over	15,477	3,338	1,164	2,094	409	4,011	2,054	805	1,153	275	100	73
25 to 29 years old	2,778	342	141	479	99	791	459	161	256	37	9	4
30 to 34 years old	2,717	399	156	431	86	724	429	166	248	50	20	9
35 to 39 years old	2,453	463	145	301	55	704	365	153	208	37	8	15
40 to 49 years old	3,290	665	251	381	74	881	476	181	253	76	32	21
50 to 59 years old	2,042	571	195	244	55	499	201	98	106	45	18	10
60 to 64 years old	682	241	75	95	9	145	44	19	34	14	3	1
65 years old and over	1,516	657	203	162	32	267	81	26	49	16	9	13

¹ Civilian noninstitutional population.
—Data not applicable or not available.

ation, they are included in the table to permit various types of aggregations. Because of rounding, details may not add to totals.

NOTE.—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 vari-

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared May 1998.)

Table 10.—Number of persons age 18 and over who hold a bachelor's or higher degree, by field of study, sex, race, and age: Spring 1993
 [Numbers in thousands]

Field of study	Total	Sex		Race		Age					
		Males	Fe-males	White ¹	Black ¹	18 to 24 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	65 years old and over
1	2	3	4	5	6	7	8	9	10	11	12
Total population, 18 and over	188,683	90,555	98,128	159,940	21,391	25,507	42,162	41,094	28,657	20,524	30,739
Number of persons with bachelor's or higher degree	36,786	19,352	17,436	32,280	2,314	2,456	9,635	10,691	6,869	3,470	3,664
Percent of population	19.5	21.4	17.8	20.2	10.8	9.6	22.9	26.0	24.0	16.9	11.9
Agriculture and forestry	543	437	107	517	11	39	94	198	103	56	53
Biology	827	525	302	674	59	102	190	283	156	65	30
Business and management	6,739	4,524	2,215	5,947	458	472	2,091	1,839	1,250	595	490
Economics	815	551	263	695	42	58	236	213	144	96	67
Education	6,078	1,482	4,597	5,493	409	268	965	1,764	1,438	798	845
Engineering	3,425	2,986	439	2,874	164	197	1,165	906	489	353	315
English and journalism	1,356	519	837	1,163	97	109	363	383	285	86	130
Home economics	375	17	358	329	27	6	61	113	49	60	86
Law	1,167	865	301	1,045	53	56	279	372	226	110	124
Liberal arts and humanities	2,855	1,228	1,629	2,570	132	242	690	855	518	236	315
Mathematics and statistics	754	477	276	637	80	44	223	188	146	54	99
Medicine and dentistry	1,119	825	294	900	27	22	253	413	187	85	159
Nursing, pharmacy, and health technologies	2,166	352	1,814	1,845	137	156	649	665	329	180	186
Physical and earth sciences	918	650	270	837	31	48	270	198	192	77	133
Police science and law enforcement	363	251	112	309	30	19	149	114	57	14	9
Psychology	1,342	531	811	1,216	63	138	364	415	243	75	107
Religion and theology	577	484	93	525	48	9	112	172	95	88	101
Social sciences	2,341	1,023	1,318	2,028	232	226	576	689	440	210	200
Vocational and technical studies	202	140	62	165	17	20	82	38	29	20	13
Other fields	2,825	1,487	1,338	2,507	198	226	824	872	492	213	199
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	100.0	100.0
Agriculture and forestry	1.5	2.3	0.6	1.6	0.5	1.6	1.0	1.9	1.5	1.6	1.4
Biology	2.2	2.7	1.7	2.1	2.5	4.2	2.0	2.6	2.3	1.9	0.8
Business and management	18.3	23.4	12.7	18.4	19.8	19.2	21.7	17.2	18.2	17.1	13.4
Economics	2.2	2.8	1.5	2.2	1.8	2.4	2.4	2.0	2.1	2.8	1.8
Education	16.5	7.7	26.4	17.0	17.7	10.9	10.0	16.5	20.9	23.0	23.1
Engineering	9.3	15.4	2.5	8.9	7.1	8.0	12.1	8.5	7.1	10.2	8.6
English and journalism	3.7	2.7	4.8	3.6	4.2	4.4	3.8	3.6	4.1	2.5	3.5
Home economics	1.0	0.1	2.1	1.0	1.2	0.2	0.6	1.1	0.7	1.7	2.3
Law	3.2	4.5	1.7	3.2	2.3	2.3	2.9	3.5	3.3	3.2	3.4
Liberal arts and humanities	7.8	6.3	9.3	8.0	5.7	9.9	7.2	8.0	7.5	6.8	8.6
Mathematics and statistics	2.0	2.5	1.6	2.0	3.5	1.8	2.3	1.8	2.1	1.6	2.7
Medicine and dentistry	3.0	4.3	1.7	2.8	1.2	0.9	2.6	3.9	2.7	2.4	4.3
Nursing, pharmacy, and health technologies	5.9	1.8	10.4	5.7	5.9	6.4	6.7	6.2	4.8	5.2	5.1
Physical and earth sciences	2.5	3.4	1.5	2.6	1.3	2.0	2.8	1.9	2.8	2.2	3.6
Police science and law enforcement	1.0	1.3	0.6	1.0	1.3	0.8	1.5	1.1	0.8	0.4	0.2
Psychology	3.6	2.7	4.7	3.8	2.7	5.6	3.8	3.9	3.5	2.2	2.9
Religion and theology	1.6	2.5	0.5	1.6	2.1	0.4	1.2	1.6	1.4	2.5	2.8
Social sciences	6.4	5.3	7.6	6.3	10.0	9.2	6.0	6.4	6.4	6.1	5.5
Vocational and technical studies	0.5	0.7	0.4	0.5	0.7	0.8	0.9	0.4	0.4	0.6	0.4
Other fields	7.7	7.7	7.7	7.8	8.6	9.2	8.6	8.2	7.2	6.1	5.4

¹ Includes persons of Hispanic origin.

NOTE.—Data are based on a sample survey of the civilian noninstitutional population. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-70, No. 51, "What's It Worth? Educational Background and Economic Status: Spring 1993." (This table was prepared April 1996.)

Table 11.—Educational attainment of persons 25 years old and over, by state: April 1990

State	Number of persons 25 years old and over	Distribution of population, by highest level of education attained						
		Less than 9th grade	9th to 12th grade, no diploma	High school graduate	Some college, no degree	Associate degree	Bachelor's degree	Graduate or professional degree
1	2	3	4	5	6	7	8	9
United States	158,868,436	10.4	14.4	30.0	18.7	6.2	13.1	7.2
Alabama	2,545,969	13.7	19.4	29.4	16.8	5.0	10.1	5.5
Alaska	323,429	5.1	8.2	28.7	27.6	7.2	15.0	8.0
Arizona	2,301,177	9.0	12.3	26.1	25.4	6.8	13.3	7.0
Arkansas	1,496,150	15.2	18.4	32.7	16.6	3.7	8.9	4.5
California	18,695,499	11.2	12.6	22.3	22.6	7.9	15.3	8.1
Colorado	2,107,072	5.6	10.0	26.5	24.0	6.9	18.0	9.0
Connecticut	2,198,963	8.4	12.4	29.5	15.9	6.6	16.2	11.0
Delaware	428,499	7.2	15.3	32.7	16.9	6.5	13.7	7.7
District of Columbia	409,131	9.6	17.3	21.2	15.6	3.1	16.1	17.2
Florida	8,887,168	9.5	16.1	30.1	19.4	6.6	12.0	6.3
Georgia	4,023,420	12.0	17.1	29.6	17.0	5.0	12.9	6.4
Hawaii	709,820	10.1	9.8	28.7	20.1	8.3	15.8	7.1
Idaho	601,292	7.4	12.9	30.4	24.2	7.5	12.4	5.3
Illinois	7,293,930	10.3	13.5	30.0	19.4	5.8	13.6	7.5
Indiana	3,489,470	8.5	15.8	38.2	16.6	5.3	9.2	6.4
Iowa	1,776,798	9.2	10.7	38.5	17.0	7.7	11.7	5.2
Kansas	1,565,936	7.7	11.0	32.8	21.9	5.4	14.1	7.0
Kentucky	2,333,833	19.0	16.4	31.8	15.2	4.1	8.1	5.5
Louisiana	2,536,994	14.7	17.0	31.7	17.2	3.3	10.5	5.6
Maine	795,613	8.8	12.4	37.1	16.1	6.9	12.7	6.1
Maryland	3,122,665	7.9	13.7	28.1	18.6	5.2	15.6	10.9
Massachusetts	3,962,223	8.0	12.0	29.7	15.8	7.2	16.6	10.6
Michigan	5,842,642	7.8	15.5	32.3	20.4	6.7	10.9	6.4
Minnesota	2,770,562	8.6	9.0	33.0	19.0	8.6	15.6	6.3
Mississippi	1,538,997	15.6	20.1	27.5	16.9	5.2	9.7	5.1
Missouri	3,291,579	11.6	14.5	33.1	18.4	4.5	11.7	6.1
Montana	507,851	8.1	10.9	33.5	22.1	5.6	14.1	5.7
Nebraska	996,049	8.0	10.2	34.7	21.1	7.1	13.1	5.9
Nevada	789,638	6.0	15.2	31.5	25.8	6.2	10.1	5.2
New Hampshire	713,894	6.7	11.2	31.7	18.0	8.1	16.4	7.9
New Jersey	5,166,233	9.4	13.9	31.1	15.5	5.2	16.0	8.8
New Mexico	922,590	11.4	13.5	28.7	20.9	5.0	12.1	8.3
New York	11,818,569	10.2	15.0	29.5	15.7	6.5	13.2	9.9
North Carolina	4,253,494	12.7	17.3	29.0	16.8	6.8	12.0	5.4
North Dakota	396,550	15.0	8.3	28.0	20.5	10.0	13.5	4.5
Ohio	6,924,764	7.9	16.4	36.3	17.0	5.3	11.1	5.9
Oklahoma	1,995,424	9.8	15.6	30.5	21.3	5.0	11.8	6.0
Oregon	1,855,369	6.2	12.3	28.9	25.0	6.9	13.6	7.0
Pennsylvania	7,872,932	9.4	15.9	38.6	12.9	5.2	11.3	6.6
Rhode Island	658,956	11.1	16.9	29.5	15.0	6.3	13.5	7.8
South Carolina	2,167,590	13.6	18.1	29.5	15.8	6.3	11.2	5.4
South Dakota	430,500	13.4	9.5	33.7	18.8	7.4	12.3	4.9
Tennessee	3,139,066	16.0	17.0	30.0	16.9	4.2	10.5	5.4
Texas	10,310,605	13.5	14.4	25.6	21.1	5.2	13.9	6.5
Utah	897,321	3.4	11.5	27.2	27.9	7.8	15.4	6.8
Vermont	357,245	8.7	10.6	34.6	14.7	7.2	15.4	8.9
Virginia	3,974,814	11.2	13.7	26.6	18.5	5.5	15.4	9.1
Washington	3,126,390	5.5	10.7	27.9	25.0	7.9	15.9	7.0
West Virginia	1,171,766	16.8	17.3	36.6	13.2	3.8	7.5	4.8
Wisconsin	3,094,226	9.5	11.9	37.1	16.7	7.1	12.1	5.6
Wyoming	277,769	5.7	11.2	33.2	24.2	6.9	13.1	5.7

NOTE.—Because of rounding, details may not add to 100.0 percent.

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

**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	His-panic ²	Asian/ Pacific Islander ¹	American Indian or Alaskan Native ¹	Total	White ¹	Black ¹	His-panic 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	65.4	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: March 1996

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
	1	2	3	4	5	6	7	8	9
Alabama	2,771	1,273	1,498	75.7 (2.3)	76.2 (3.3)	75.2 (3.1)	18.0 (2.1)	18.6 (3.1)	17.5 (2.8)
Arizona	2,600	1,242	1,359	83.5 (2.0)	83.9 (2.8)	83.0 (2.7)	20.4 (2.1)	24.9 (3.3)	16.3 (2.7)
California	19,849	9,773	10,076	79.8 (0.8)	80.3 (1.2)	79.2 (1.2)	26.8 (0.9)	29.8 (1.4)	23.9 (1.2)
Florida	9,641	4,520	5,121	81.5 (1.0)	81.0 (1.4)	81.9 (1.3)	20.4 (1.0)	23.1 (1.6)	18.1 (1.3)
Georgia	4,645	2,173	2,472	76.5 (2.2)	76.5 (3.2)	76.6 (3.0)	22.4 (2.1)	24.8 (3.2)	20.3 (2.8)
Illinois	7,520	3,563	3,957	83.2 (1.1)	83.3 (1.6)	83.1 (1.5)	24.5 (1.3)	26.6 (1.9)	22.5 (1.7)
Indiana	3,728	1,783	1,945	83.7 (2.1)	84.6 (2.9)	82.8 (2.9)	16.2 (2.1)	17.6 (3.1)	14.8 (2.8)
Kentucky	2,565	1,223	1,343	74.0 (2.3)	74.4 (3.4)	73.7 (3.2)	17.5 (2.0)	19.4 (3.0)	15.8 (2.7)
Louisiana	2,697	1,274	1,424	74.6 (2.5)	74.2 (3.6)	75.0 (3.4)	19.2 (2.3)	20.9 (3.4)	17.8 (3.0)
Maryland	3,325	1,603	1,722	84.6 (2.0)	85.4 (2.8)	83.8 (2.9)	32.5 (2.6)	35.3 (3.9)	29.8 (3.6)
Massachusetts	4,110	2,011	2,099	84.9 (1.0)	84.5 (1.5)	85.2 (1.4)	32.4 (1.3)	35.2 (2.0)	29.8 (1.8)
Michigan	6,083	2,841	3,242	84.2 (1.0)	83.3 (1.6)	85.0 (1.4)	21.1 (1.2)	23.6 (1.8)	18.8 (1.5)
Minnesota	2,880	1,392	1,488	87.9 (1.8)	88.2 (2.6)	87.5 (2.6)	26.3 (2.5)	29.1 (3.6)	23.7 (3.3)
Missouri	3,384	1,599	1,785	83.9 (2.1)	84.8 (2.9)	83.0 (2.9)	24.3 (2.4)	24.3 (3.5)	24.4 (3.3)
New Jersey	5,231	2,487	2,745	84.9 (1.0)	85.4 (1.4)	84.4 (1.4)	28.3 (1.3)	31.4 (1.9)	25.5 (1.7)
New York	11,839	5,513	6,326	81.6 (0.8)	82.7 (1.2)	80.7 (1.2)	25.6 (0.9)	27.7 (1.4)	23.8 (1.3)
North Carolina	4,708	2,261	2,447	76.0 (1.1)	73.9 (1.7)	78.0 (1.5)	21.0 (1.1)	22.6 (1.6)	19.6 (1.5)
Ohio	7,186	3,430	3,756	84.9 (1.0)	86.1 (1.4)	83.8 (1.4)	22.3 (1.2)	25.5 (1.8)	19.4 (1.5)
Pennsylvania	7,941	3,685	4,256	81.6 (1.1)	81.3 (1.6)	81.9 (1.5)	22.3 (1.2)	25.4 (1.8)	19.6 (1.5)
South Carolina	2,318	1,088	1,230	73.8 (2.2)	75.5 (3.1)	72.3 (3.0)	18.1 (1.9)	19.7 (2.8)	16.6 (2.5)
Tennessee	3,466	1,646	1,819	79.0 (2.0)	77.8 (3.0)	80.0 (2.8)	19.5 (2.0)	21.0 (3.0)	18.0 (2.7)
Texas	11,411	5,524	5,887	76.4 (1.2)	76.5 (1.7)	76.3 (1.6)	21.9 (1.1)	24.2 (1.7)	19.8 (1.5)
Virginia	4,240	1,974	2,265	82.0 (1.8)	81.2 (2.7)	82.6 (2.5)	26.3 (2.1)	28.9 (3.1)	24.1 (2.8)
Washington	3,418	1,677	1,740	90.2 (1.6)	89.4 (2.3)	91.0 (2.1)	25.6 (2.3)	27.6 (3.3)	23.6 (3.1)
Wisconsin	3,259	1,569	1,690	88.7 (1.6)	90.4 (2.2)	87.1 (2.4)	24.0 (2.2)	26.2 (3.2)	22.0 (2.9)

NOTE.—Because of rounding, details may not add to totals. 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 1996." (This table was prepared September 1998.)

Table 14.—Educational attainment of persons 25 years old and over, for the 15 largest metropolitan areas: March 1995

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	Male	Female	Male	Female
1	2	3	4	5	6	7	8
Atlanta, GA	1,883	899	984	87.6 (3.7)	88.4 (3.5)	37.4 (5.5)	31.5 (5.1)
Boston-Lawrence-Salem, MA/NH	3,254	1,548	1,706	88.2 (1.5)	87.1 (1.5)	38.8 (2.3)	32.5 (2.1)
Chicago-Gary-Lake County, IL/IN/WI	5,306	2,506	2,800	83.7 (1.8)	83.8 (1.7)	31.4 (2.3)	25.6 (2.1)
Cleveland-Akron-Lorain, OH	2,016	925	1,091	81.0 (3.1)	79.3 (2.9)	24.9 (3.4)	16.4 (2.7)
Dallas-Fort Worth, TX	2,595	1,260	1,336	79.3 (3.3)	79.1 (3.2)	27.3 (3.6)	20.7 (3.2)
Detroit-Ann Arbor, MI	3,472	1,652	1,820	80.9 (2.1)	80.7 (2.1)	27.2 (2.4)	18.8 (2.0)
Houston-Galveston-Brazoria, TX	3,077	1,475	1,602	83.7 (2.8)	83.4 (2.7)	31.4 (3.5)	22.1 (3.0)
Los Angeles-Anaheim-Riverside, CA	9,467	4,605	4,862	77.5 (1.5)	75.2 (1.5)	28.4 (1.6)	19.7 (1.4)
Miami-Fort Lauderdale, FL	2,232	1,055	1,177	85.7 (2.7)	81.9 (2.8)	27.3 (3.4)	20.4 (2.9)
New York-Northern New Jersey-Long Island, NY/NJ/CT	12,525	5,770	6,754	84.4 (1.1)	82.5 (1.1)	32.8 (1.4)	25.3 (1.2)
Philadelphia-Wilmington-Trenton, PA/NJ/DE/MD	4,248	2,025	2,223	83.6 (2.0)	83.8 (1.9)	34.3 (2.6)	25.8 (2.3)
Pittsburgh-Beaver Valley, PA	1,911	926	985	81.1 (3.2)	81.4 (3.1)	26.6 (3.6)	19.8 (3.1)
San Francisco-Oakland-San Jose, CA	4,298	2,136	2,162	89.2 (2.1)	87.9 (2.2)	35.8 (3.2)	29.1 (3.0)
St. Louis, MO/IL	1,641	775	866	81.1 (4.9)	83.2 (4.4)	27.5 (5.6)	20.8 (4.8)
Washington, DC/MD/VA	2,872	1,460	1,411	85.5 (3.0)	85.8 (3.0)	38.6 (4.2)	28.1 (3.9)

NOTE.—Because of rounding, details may not add to totals. 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 1995." (This table was prepared July 1997.)

Table 15.—Estimates of resident population, by age group: July 1, 1970 to July 1, 1997

[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	249,440	122,645	7,355	7,238	24,754	13,319	7,700	7,886	11,251	21,233	21,909
1991	252,124	122,553	7,425	7,368	25,076	13,439	7,201	8,028	11,149	20,715	22,152
1992	255,002	122,571	7,577	7,403	25,503	13,679	6,934	7,793	11,293	20,152	22,237
1993	257,753	122,740	7,830	7,484	25,857	13,952	6,958	7,326	11,511	19,593	22,229
1994	260,292	122,856	8,008	7,639	26,028	14,443	7,005	7,057	11,394	19,142	22,141
1995	262,761	122,881	8,006	7,886	26,256	14,770	7,122	7,079	10,967	18,954	21,839
1996	265,179	122,809	7,905	8,063	26,487	15,149	7,320	7,120	10,442	18,993	21,328
1997	267,636	122,753	7,785	8,065	26,883	15,429	7,468	7,248	10,263	18,869	20,741

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-25, Nos. 1000, 1022, 1045, 1057, 1059, 1092, 1095, and *U.S. Population Estimates, by Age, Sex, Race, and Hispanic Origin: 1990–1997*, PPL-91R; and unpublished data. (This table was prepared April 1998.)

Table 16.—Estimates of school-age¹ resident population, by race and sex: July 1, 1970 to July 1, 1997

[In thousands]

Year	Total			White ²			Black ²			Other races ²		
	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	45,312	23,229	22,083	36,320	18,668	17,652	6,920	3,503	3,417	2,069	1,055	1,014
1991	45,884	23,531	22,353	36,734	18,888	17,846	7,013	3,552	3,461	2,131	1,086	1,045
1992	46,583	23,894	22,689	37,233	19,147	18,086	7,146	3,624	3,522	2,205	1,125	1,080
1993	47,292	24,259	23,033	37,717	19,396	18,321	7,292	3,699	3,593	2,288	1,165	1,123
1994	48,110	24,681	23,429	38,280	19,684	18,594	7,466	3,791	3,676	2,362	1,204	1,159
1995	48,911	25,095	23,816	38,842	19,975	18,867	7,615	3,869	3,749	2,453	1,250	1,202
1996	49,698	25,500	24,199	39,383	20,250	19,133	7,766	3,947	3,818	2,553	1,302	1,250
1997	50,378	25,846	24,532	39,850	20,486	19,366	7,887	4,011	3,876	2,641	1,349	1,291

¹ Includes persons 5 to 17 years of age.

² Includes persons of Hispanic origin.

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

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: 1990–1997*, PPL-91R; and unpublished data. (This table was prepared April 1998.)

Table 17.—Estimated total and school-age resident populations, by state: ¹ 1970 to 1997

[In thousands]

State	1970 ²		1980 ²		1985 ³		1990 ²		1995 ³		1996 ³		1997 ³	
	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 States	203,302	52,540	226,546	47,407	237,924	44,782	248,710	45,166	262,761	48,911	265,179	49,698	267,636	50,378
Alabama	3,444	934	3,894	866	3,973	798	4,041	774	4,262	781	4,287	781	4,319	779
Alaska	303	88	402	92	532	112	550	117	602	134	605	136	609	139
Arizona	1,775	486	2,718	578	3,184	601	3,665	686	4,308	823	4,434	864	4,555	904
Arkansas	1,923	498	2,286	496	2,327	461	2,351	455	2,481	478	2,506	483	2,523	486
California	19,971	4,999	23,668	4,681	26,441	4,752	29,760	5,337	31,558	5,963	31,858	6,157	32,268	6,291
Colorado	2,210	589	2,890	592	3,209	599	3,294	607	3,742	707	3,816	724	3,893	742
Connecticut	3,032	768	3,108	638	3,201	549	3,287	520	3,267	564	3,267	569	3,270	575
Delaware	548	148	594	125	618	113	666	114	716	125	723	127	732	128
District of Columbia ..	757	164	638	109	635	88	607	80	552	75	539	74	529	74
Florida	6,791	1,609	9,746	1,789	11,351	1,792	12,938	2,011	14,181	2,386	14,419	2,455	14,654	2,520
Georgia	4,588	1,223	5,463	1,231	5,963	1,195	6,478	1,230	7,192	1,367	7,334	1,399	7,486	1,430
Hawaii	770	204	965	198	1,040	194	1,108	196	1,179	211	1,183	213	1,187	214
Idaho	713	200	944	213	994	223	1,007	228	1,165	255	1,188	257	1,210	260
Illinois	11,110	2,859	11,427	2,401	11,400	2,192	11,431	2,095	11,795	2,201	11,845	2,240	11,896	2,271
Indiana	5,195	1,386	5,490	1,200	5,459	1,087	5,544	1,056	5,788	1,076	5,828	1,084	5,864	1,090
Iowa	2,825	743	2,914	604	2,830	543	2,777	525	2,841	538	2,848	539	2,852	542
Kansas	2,249	573	2,364	468	2,427	452	2,478	472	2,570	504	2,579	506	2,595	509
Kentucky	3,221	844	3,661	800	3,695	745	3,685	703	3,856	708	3,882	707	3,908	704
Louisiana	3,645	1,041	4,206	969	4,408	937	4,220	890	4,329	899	4,341	889	4,352	877
Maine	994	260	1,125	243	1,163	222	1,228	223	1,234	228	1,239	228	1,242	228
Maryland	3,924	1,038	4,217	895	4,413	788	4,781	803	5,027	902	5,060	912	5,094	922
Massachusetts	5,689	1,407	5,737	1,153	5,881	989	6,016	940	6,061	1,015	6,085	1,034	6,118	1,052
Michigan	8,882	2,450	9,262	2,067	9,076	1,824	9,295	1,754	9,655	1,843	9,731	1,850	9,774	1,852
Minnesota	3,806	1,051	4,076	865	4,184	796	4,375	828	4,607	918	4,649	925	4,686	935
Mississippi	2,217	635	2,521	599	2,588	576	2,573	550	2,691	550	2,711	551	2,731	551
Missouri	4,678	1,183	4,917	1,008	5,000	941	5,117	944	5,325	1,010	5,364	1,026	5,402	1,040
Montana	694	197	787	167	822	167	799	163	869	176	877	176	879	175
Nebraska	1,485	389	1,570	324	1,585	305	1,578	309	1,636	326	1,649	328	1,657	330
Nevada	489	127	800	160	951	166	1,202	204	1,530	276	1,601	294	1,677	313
New Hampshire	738	189	921	196	997	182	1,109	194	1,146	216	1,160	219	1,173	222
New Jersey	7,171	1,797	7,365	1,528	7,566	1,340	7,730	1,265	7,956	1,385	8,002	1,409	8,053	1,430
New Mexico	1,017	311	1,303	303	1,438	304	1,515	320	1,686	358	1,711	362	1,730	365
New York	18,241	4,358	17,558	3,552	17,792	3,173	17,990	3,000	18,146	3,166	18,134	3,212	18,137	3,246
North Carolina	5,084	1,323	5,882	1,254	6,254	1,175	6,629	1,147	7,187	1,280	7,309	1,317	7,425	1,355
North Dakota	618	175	653	136	677	133	639	127	641	128	643	126	641	125
Ohio	10,657	2,820	10,798	2,307	10,735	2,090	10,847	2,012	11,133	2,073	11,163	2,083	11,186	2,090
Oklahoma	2,559	640	3,025	622	3,271	635	3,146	609	3,271	644	3,295	648	3,317	652
Oregon	2,092	534	2,633	525	2,673	504	2,842	521	3,143	585	3,196	592	3,243	598
Pennsylvania	11,801	2,925	11,864	2,376	11,771	2,079	11,882	1,996	12,046	2,109	12,040	2,118	12,020	2,126
Rhode Island	950	225	947	186	969	163	1,003	159	990	170	988	171	987	171
South Carolina	2,591	720	3,122	703	3,303	663	3,487	663	3,683	681	3,717	693	3,760	702
South Dakota	666	187	691	147	698	139	696	144	735	153	738	150	738	148
Tennessee	3,926	1,002	4,591	972	4,715	903	4,877	882	5,235	942	5,307	953	5,368	963
Texas	11,199	3,002	14,229	3,137	16,273	3,318	16,987	3,437	18,738	3,782	19,091	3,879	19,439	3,969
Utah	1,059	312	1,461	350	1,643	418	1,723	457	1,974	489	2,018	491	2,059	492
Vermont	445	118	511	109	530	100	563	102	583	110	586	110	589	111
Virginia	4,651	1,197	5,347	1,114	5,715	1,039	6,187	1,060	6,601	1,154	6,666	1,173	6,734	1,192
Washington	3,413	881	4,132	826	4,400	816	4,867	893	5,436	1,027	5,520	1,047	5,610	1,068
West Virginia	1,744	442	1,950	414	1,907	383	1,793	337	1,822	318	1,820	314	1,816	308
Wisconsin	4,418	1,203	4,706	1,011	4,748	908	4,892	927	5,113	1,000	5,146	1,005	5,170	1,011
Wyoming	332	92	470	101	500	108	454	101	479	103	480	102	480	101

¹ Includes Armed Forces residing in each state.² As of April 1.³ Estimates as of July 1.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); and forthcoming state level P-25 Reports. (This table was prepared October 1998.)

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

Table 18.—Families, by family status and presence of own children under 18: 1970 to 1996

Family status	1970	1980	1985	1988	1989	1990	1992	1993	1994	1995	1996	Change, 1970 to 1980	Change, 1980 to 1996
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	65,133	65,837	66,090	67,173	68,144	68,490	69,305	69,594	15.7	16.9
Married-couple family	44,728	49,112	50,350	51,809	52,100	52,317	52,457	53,171	53,171	53,858	53,567	9.8	9.1
No own children under 18	19,196	24,151	26,140	27,209	27,365	27,780	28,037	28,464	28,113	28,617	28,647	25.8	18.6
With own children under 18	25,532	24,961	24,210	24,600	24,735	24,537	24,420	24,707	25,058	25,241	24,920	-2.2	-0.2
One own child under 18	8,163	9,671	9,640	9,904	9,829	9,583	9,520	9,466	9,452	9,564	9,352	18.5	-3.3
Two own children under 18	8,045	9,488	9,456	9,576	9,870	9,784	9,728	10,007	10,188	10,358	10,278	17.9	8.3
Three or more own children under 18	9,325	5,802	5,115	5,120	5,035	5,170	5,173	5,234	5,418	5,319	5,350	-37.8	-7.8
Other family, male householder, no spouse present	1,228	1,733	2,228	2,715	2,847	2,884	3,025	3,026	2,913	3,226	3,513	41.1	102.7
No own children under 18	887	1,117	1,331	1,669	1,779	1,731	1,742	1,702	1,599	1,786	1,885	25.9	68.8
With own children under 18	341	616	896	1,047	1,068	1,153	1,283	1,324	1,314	1,440	1,628	80.6	164.3
One own child under 18	179	374	584	657	619	723	768	799	805	891	1,005	108.9	168.7
Two own children under 18	87	165	213	296	326	307	391	397	368	405	471	89.7	185.5
Three or more own children under 18	75	77	100	94	121	123	123	128	141	144	152	2.7	97.4
Other family, female householder, no spouse present	5,500	8,705	10,129	10,608	10,890	10,890	11,692	11,947	12,406	12,220	12,514	58.3	43.8
No own children under 18	2,642	3,261	4,123	4,335	4,371	4,290	4,648	4,721	4,759	4,606	4,859	23.4	49.0
With own children under 18	2,858	5,445	6,006	6,273	6,519	6,599	7,043	7,226	7,647	7,615	7,656	90.5	40.6
One own child under 18	1,008	2,398	2,885	3,017	3,164	3,225	3,327	3,425	3,566	3,633	3,683	137.9	53.6
Two own children under 18	810	1,817	1,977	2,039	2,095	2,173	2,244	2,400	2,531	2,450	2,457	124.3	35.2
Three or more own children under 18	1,040	1,230	1,144	1,217	1,260	1,202	1,472	1,400	1,550	1,531	1,514	18.3	23.1
	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	—	—
Married-couple family	86.9	82.5	80.3	79.5	79.1	79.2	78.1	78.0	77.6	77.7	77.0	-4.5	-5.5
No own children under 18	37.3	40.6	41.7	41.8	41.6	42.0	41.7	41.8	41.0	41.3	41.2	3.3	0.6
With own children under 18	49.6	41.9	38.6	37.8	37.6	37.1	36.4	36.3	36.6	36.4	35.8	-7.7	-6.1
One own child under 18	15.9	16.2	15.4	15.2	14.9	14.5	14.2	13.9	13.8	13.8	13.4	0.4	-2.8
Two own children under 18	15.6	15.9	15.1	14.7	15.0	14.8	14.5	14.7	14.9	14.9	14.8	0.3	-1.2
Three or more own children under 18	18.1	9.7	8.2	7.9	7.6	7.8	7.7	7.7	7.9	7.7	7.7	-8.4	-2.1
Other family, male householder, no spouse present	2.4	2.9	3.6	4.2	4.3	4.4	4.5	4.4	4.3	4.7	5.0	0.5	2.1
No own children under 18	1.7	1.9	2.1	2.6	2.7	2.6	2.6	2.5	2.3	2.6	2.7	0.2	0.8
With own children under 18	0.7	1.0	1.4	1.6	1.6	1.7	1.9	1.9	1.9	2.1	2.3	0.4	1.3
One own child under 18	0.3	0.6	0.9	1.0	0.9	1.1	1.1	1.2	1.2	1.3	1.4	0.3	0.8
Two own children under 18	0.2	0.3	0.3	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.7	0.1	0.4
Three or more own children under 18	0.1	0.1	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	(¹)	0.1
Other family, female householder, no spouse present	10.7	14.6	16.2	16.3	16.5	16.5	17.4	17.5	18.1	17.6	18.0	3.9	3.4
No own children under 18	5.1	5.5	6.6	6.7	6.6	6.5	6.9	6.9	6.9	6.6	7.0	0.3	1.5
With own children under 18	5.6	9.1	9.6	9.6	9.9	10.0	10.5	10.6	11.2	11.0	11.0	3.6	1.9
One own child under 18	2.0	4.0	4.6	4.6	4.8	4.9	5.0	5.0	5.2	5.2	5.3	2.1	1.3
Two own children under 18	1.6	3.1	3.2	3.1	3.2	3.3	3.3	3.5	3.7	3.5	3.5	1.5	0.5
Three or more own children under 18	2.0	2.1	1.8	1.9	1.9	1.8	2.2	2.1	2.3	2.2	2.2	(¹)	0.1

¹ Less than .05 percent.
—Data not applicable.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20-495, *Household and Family Characteristics*, various years; and unpublished data. (This table was prepared May 1998.)

NOTE.—Because of rounding, details may not add to totals.

Table 19.—Characteristics of families with own children under 18, by family status and race/ethnicity: ¹ 1996

[Numbers in thousands]

Family characteristics	All races				White ²				Black 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	
			Male householder, no spouse present	Female householder, no spouse present			Male householder, no spouse present	Female householder, no spouse present			Male householder, no spouse present	Female householder, no spouse present			Male householder, no spouse present	Female householder, no spouse present
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total families	69,594	53,567	3,513	12,514	58,869	47,873	2,712	8,284	8,055	3,713	573	3,769	6,287	4,247	436	1,604
Total families with own children under 18	34,203	24,920	1,628	7,656	28,086	21,835	1,276	4,975	4,583	1,901	278	2,404	4,048	2,731	179	1,138
Percent of all families	49.1	46.5	46.3	61.2	47.7	45.6	47.1	60.1	56.9	51.2	48.5	63.8	64.4	64.3	41.1	70.9
Percent distribution	100.0	72.9	4.8	22.4	100.0	77.7	4.5	17.7	100.0	41.5	6.1	52.5	100.0	67.5	4.4	28.1
Families with—																
1 child under 18	14,041	9,352	1,005	3,683	11,455	8,132	786	2,537	1,958	778	173	1,007	1,450	896	93	462
2 children under 18	13,206	10,278	471	2,457	11,110	9,080	381	1,649	1,485	692	63	731	1,437	998	50	389
3 children under 18	4,913	3,804	109	1,000	4,006	3,348	81	577	729	309	26	394	742	533	27	183
4 children under 18	1,440	1,060	30	350	1,088	929	19	140	281	79	10	192	286	223	6	57
5 children under 18	416	298	6	112	296	236	4	56	88	38	3	47	95	54	3	38
6 or more under 18	188	128	7	52	131	111	5	16	42	7	2	33	37	—	—	10
Total own children under 18	63,783	47,467	2,425	13,890	51,694	41,349	1,852	8,493	9,027	3,721	461	4,845	8,904	6,169	335	2,400
Average number of children per family with children	1.86	1.90	1.49	1.81	1.84	1.89	1.45	1.71	1.97	1.96	1.66	2.02	2.20	2.26	1.87	2.11
Total families with own children under 6	15,450	11,782	624	3,043	12,656	10,341	474	1,841	2,084	876	113	1,095	2,138	1,525	101	512
Percent of all families	22.2	22.0	17.8	24.3	21.5	21.6	17.5	22.2	25.9	23.6	19.7	29.1	34.0	35.9	2.4	31.9
Percent distribution	100.0	76.3	4.0	19.7	100.0	81.7	3.7	14.5	100.0	42.0	5.4	52.5	100.0	71.3	4.7	23.9
Families with—																
1 child under 6	10,672	8,024	492	2,157	8,769	7,021	388	1,360	1,423	614	76	732	1,352	966	79	307
2 children under 6	4,081	3,287	107	687	3,387	2,899	72	416	501	236	26	240	654	475	14	164
3 children under 6	626	430	26	170	457	389	14	54	135	20	11	104	120	81	7	32
4 or more under 6	71	41	—	29	43	32	—	11	24	6	—	18	12	3	—	9
Total own children under 6	21,299	16,239	791	4,269	17,236	14,198	569	2,469	2,991	1,199	170	1,623	3,408	2,399	144	866
Average number of children per family with children	1.38	1.38	1.27	1.40	1.36	1.37	1.20	1.34	1.44	1.37	1.51	1.48	1.59	1.57	1.42	1.69
Total families with own children under 3	8,818	6,930	396	1,493	7,256	6,074	306	875	1,149	519	68	562	1,307	926	74	308
Percent of all families	12.7	12.9	11.3	11.9	12.3	12.7	11.3	10.6	14.3	14.0	11.9	14.9	20.8	21.8	17.0	19.2
Percent distribution	100.0	78.6	4.5	16.9	100.0	83.7	4.2	12.1	100.0	45.2	5.9	48.9	100.0	70.8	5.7	23.6
Families with—																
1 child under 3	7,874	6,228	353	1,293	6,498	5,451	275	772	1,025	482	58	485	1,130	816	65	249
2 or more under 3	944	702	43	199	758	623	31	103	124	37	11	77	177	110	8	59
Total own children under 3	10,191	7,918	451	1,822	8,289	6,907	337	1,046	1,382	597	89	696	1,699	1,184	94	421
Average number of children per family with children	1.16	1.14	1.14	1.22	1.14	1.14	1.10	1.20	1.20	1.15	(⁴)	1.24	1.30	1.28	(⁴)	1.37

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.

⁴ Averages and percents are shown only when the base is 75,000 or greater.

—Less than 500.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P20-495, *Household and Family Characteristics: March 1996*. (This table was prepared May 1998.)

Table 20.—Household income and poverty rates, by state: 1990, 1995, and 1996

State	Median household income ¹			Percent of persons below the poverty level										Poverty status of related children 5- to 17-year-olds, 1996			
	1990 ²	1995	1996	1990 ²								1996		Number in poverty		Percent in poverty	
				Total	Under 5 years	5 years	6 to 11 years	12 to 17 years	18 to 64 years	65 to 74 years	75 years and over	Total	Stand-ard error	Num-ber (in thou-sands)	Stand-ard error	Per-cent	Stand-ard error
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
United States	\$37,888	\$35,082	\$35,492	13.1	20.1	19.7	18.3	16.3	11.0	10.4	16.5	13.7	0.39	9,590	259	18.9	0.49
Alabama	29,554	26,758	30,302	18.3	26.1	25.8	24.3	22.3	14.6	19.2	31.1	14.0	1.72	170	37	20.7	4.03
Alaska	49,725	49,370	52,779	9.0	13.6	10.6	10.9	9.8	7.9	6.4	10.6	8.2	1.33	17	5	9.8	2.48
Arizona	36,978	31,774	31,637	15.7	24.9	24.2	21.8	19.1	14.0	9.3	13.2	20.5	1.85	292	47	29.6	4.05
Arkansas	28,832	26,576	27,123	19.1	28.5	26.6	25.2	22.7	15.3	18.0	29.9	17.2	1.83	105	22	19.5	3.71
California	42,123	38,102	38,812	12.5	19.0	19.3	18.3	17.1	10.9	6.5	9.5	16.9	0.76	1,474	122	23.5	1.72
Colorado	38,887	41,908	40,950	11.7	17.9	16.5	15.3	12.5	10.3	8.5	15.1	10.6	1.54	88	26	11.2	3.08
Connecticut	49,183	41,431	42,119	6.8	11.7	11.9	11.2	8.9	5.3	5.6	9.7	11.7	1.79	159	36	23.5	4.60
Delaware	38,977	35,959	39,309	8.7	13.3	12.7	11.8	10.8	7.2	8.2	13.5	8.6	1.56	17	5	12.4	3.72
District of Columbia	34,660	31,656	31,966	16.9	27.0	25.5	25.0	24.4	14.3	15.5	19.7	24.1	2.38	31	6	38.1	6.06
Florida	33,765	30,623	30,641	12.7	20.3	20.1	18.8	16.8	11.0	9.0	13.5	14.2	0.92	458	59	19.8	2.31
Georgia	34,874	35,106	32,496	14.7	22.1	21.3	20.1	18.1	11.4	16.5	26.7	14.8	1.58	278	56	19.6	3.53
Hawaii	49,248	44,116	41,772	8.3	12.6	12.6	11.2	10.8	6.9	6.7	10.4	12.1	1.82	32	10	15.7	4.24
Idaho	32,019	33,641	34,709	13.3	19.6	18.9	15.9	13.3	12.0	8.7	15.6	11.9	1.57	40	9	16.3	3.48
Illinois	41,176	39,195	39,554	11.9	18.9	18.7	17.0	15.0	10.0	8.9	13.4	12.1	0.97	388	56	16.5	2.16
Indiana	34,073	34,371	39,554	10.7	16.8	15.8	14.1	11.8	9.1	8.7	14.0	7.5	1.33	79	29	7.9	2.83
Iowa	34,528	36,568	33,209	11.5	17.5	15.4	14.1	11.7	10.3	8.1	15.3	9.6	1.49	71	20	11.8	3.15
Kansas	37,855	31,237	32,585	11.5	16.8	16.5	14.1	11.6	10.1	8.5	16.8	11.2	1.61	56	17	10.7	3.09
Kentucky	31,355	30,690	32,413	19.0	27.9	26.5	24.6	22.4	16.2	17.5	25.3	17.0	1.86	203	39	27.0	4.39
Louisiana	28,350	28,774	30,262	23.6	33.4	33.0	31.1	29.7	19.6	20.5	30.1	20.5	1.94	235	42	27.7	4.23
Maine	34,751	34,858	34,696	10.8	15.7	15.9	14.0	11.5	8.9	11.0	18.3	11.2	1.78	26	9	14.0	4.36
Maryland	49,167	42,253	43,993	8.3	11.9	11.9	11.5	10.2	6.8	8.8	13.6	10.3	1.61	137	39	14.9	3.91
Massachusetts	45,864	39,713	39,494	8.9	14.5	14.8	13.8	11.0	7.3	7.3	12.6	10.1	1.12	144	31	13.1	2.58
Michigan	37,880	37,502	39,225	13.1	22.1	20.4	18.1	15.7	11.2	8.7	14.3	11.2	1.00	286	46	15.7	2.32
Minnesota	39,813	39,053	40,991	10.2	14.8	14.6	12.5	10.6	8.8	8.4	17.2	9.8	1.47	130	34	13.0	3.16
Mississippi	25,532	27,322	26,677	25.2	35.8	35.1	33.5	31.9	20.0	24.0	37.1	20.6	1.97	163	29	26.0	3.97
Missouri	34,584	35,853	34,265	13.3	20.4	19.2	17.8	15.1	11.1	11.3	19.7	9.5	1.52	120	36	11.4	3.24
Montana	29,577	28,577	28,684	16.1	24.3	23.0	20.3	17.1	14.7	9.9	16.6	17.0	1.80	46	9	24.9	4.01
Nebraska	34,774	33,901	34,014	11.1	17.3	15.4	13.4	10.8	9.7	8.6	16.8	10.2	1.55	41	12	12.0	3.21
Nevada	40,519	37,149	38,540	10.2	15.1	14.4	12.6	11.9	9.1	8.4	12.3	8.1	1.45	24	9	8.3	3.06
New Hampshire	51,631	40,328	39,407	6.4	8.5	8.7	7.3	6.2	5.4	7.7	13.9	6.4	1.44	13	6	6.8	3.14
New Jersey	49,011	45,221	47,468	7.6	11.7	12.6	11.7	10.4	6.0	6.8	11.3	9.2	0.95	181	34	13.9	2.45
New Mexico	31,682	26,758	25,086	20.6	30.3	30.6	27.6	25.2	17.8	13.7	21.2	25.5	2.07	136	21	32.2	4.07
New York	39,973	34,003	35,410	13.0	20.6	21.2	19.6	17.0	11.0	10.0	14.7	16.7	0.84	868	78	25.0	1.96
North Carolina	33,315	32,923	35,601	13.0	19.2	18.5	17.2	15.3	10.1	15.7	25.9	12.2	1.20	222	41	17.5	2.93
North Dakota	31,967	29,948	31,470	14.4	19.6	18.4	17.2	14.7	13.0	10.8	19.5	11.0	1.61	13	4	10.2	3.07
Ohio	37,976	35,973	34,070	12.5	21.1	19.9	17.8	14.6	10.7	8.7	13.8	12.7	1.02	367	55	16.7	2.28
Oklahoma	30,854	27,088	27,437	16.7	25.3	23.4	21.7	18.5	14.2	13.5	24.1	16.6	1.77	173	32	24.2	3.86
Oregon	37,050	37,448	35,492	12.4	19.7	16.1	14.8	13.3	11.5	8.1	13.1	11.8	1.70	112	28	18.4	4.12
Pennsylvania	36,701	35,543	34,899	11.1	17.5	17.0	15.7	13.8	9.5	8.7	13.5	11.6	0.93	349	52	15.8	2.15
Rhode Island	40,450	36,403	36,986	9.6	16.3	16.1	13.8	11.0	7.6	8.9	15.6	11.0	1.80	18	6	12.4	4.30
South Carolina	36,359	29,929	34,665	15.4	22.8	21.8	21.2	19.1	12.0	17.3	26.5	13.0	1.79	154	35	21.1	4.28
South Dakota	31,090	30,451	29,526	15.9	23.6	22.2	20.2	17.3	13.6	11.1	21.3	11.8	1.62	16	5	11.6	3.17
Tennessee	28,586	29,872	30,790	15.7	23.9	22.5	20.8	18.5	12.5	17.2	26.7	15.9	1.83	231	50	20.6	3.96
Texas	35,718	32,985	33,072	18.1	25.6	25.5	24.2	23.0	15.2	14.9	23.8	16.6	0.95	858	91	22.5	2.10
Utah	38,139	37,557	37,038	11.4	15.8	14.4	12.0	10.0	11.0	6.4	12.5	7.7	1.26	39	12	8.6	2.45
Vermont	39,349	34,823	32,358	9.9	13.5	13.7	12.5	9.8	8.5	9.7	16.3	12.6	1.87	19	5	16.3	4.15
Virginia	44,379	37,292	39,211	10.2	14.5	14.5	13.5	11.9	8.4	11.6	18.5	12.3	1.60	183	47	17.9	4.12
Washington	40,632	36,618	36,676	10.9	17.0	16.4	14.3	12.2	9.8	7.0	12.4	11.9	1.68	158	43	15.5	3.88
West Virginia	28,010	25,615	25,247	19.7	31.7	30.3	25.9	22.4	17.7	14.1	20.8	18.5	1.87	56	13	22.4	4.67
Wisconsin	38,859	42,164	40,001	10.7	17.7	16.4	15.0	11.9	9.2	6.6	12.6	8.8	1.41	105	32	10.4	3.01
Wyoming	37,276	32,460	30,953	11.9	18.3	16.2	14.1	11.2	10.8	8.4	14.3	11.9	1.64	9	3	9.2	2.84

¹ In 1996 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.

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.: 1996," P60-193. (This table was prepared June 1998.)

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Decennial Census, Minority Economic Profiles*, unpublished data; and *Current Population Reports*, Series P-

Table 21.—Poverty status of persons, families, and children under 18, by race/ethnicity: 1959 to 1996

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	Related children under 18	Total	Related children under 18		Total	House- holder	Related children under 18	Total	Related children under 18
1	2	3	4	5	6	7	8	9	10	11	12	13
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	25,232	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
White¹												
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
Black¹												
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	3,160	2,107	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
Hispanic origin²												
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
Asian and Pacific Islander²												
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	—

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

—Data not available.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60-198, "Poverty in the United States" and "Income, Poverty, and Valuation of Noncash Benefits," various years. (This table was prepared June 1998.)

NOTE.—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 1998

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	—

—Data not available.

SOURCE: "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," *Phi Delta Kappan*, various years. (This table was prepared September 1998.)

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 1998

Problems	Percent																	
	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Lack of discipline	18	23	26	27	25	24	22	19	19	19	20	17	15	18	15	15	15	14
Lack of financial support	17	14	10	14	9	11	14	12	13	13	18	22	21	13	11	13	15	12
Fighting/violence/gangs	—	—	—	—	—	—	—	—	—	—	—	9	13	18	9	14	12	15
Use of drugs	11	9	14	18	18	28	30	32	34	38	22	22	16	11	7	16	14	10
Standards/quality of education	—	—	—	—	—	—	—	—	—	—	—	—	—	8	4	—	8	6
Large schools/overcrowding	—	10	7	4	5	5	8	6	8	7	9	9	8	7	3	8	8	8
Lack of respect	—	—	—	—	—	—	—	—	—	—	—	—	—	3	3	2	—	—
Lack of family structure/problems of home life	—	—	—	—	—	—	—	—	—	—	—	—	—	5	3	4	—	—
Crime/vandalism	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	3	—	—
Getting good teachers	12	11	6	14	10	6	9	11	7	7	11	5	5	3	2	3	3	5
Parents' lack of interest	3	2	6	5	3	4	6	7	6	4	7	5	4	3	2	—	—	—
Poor curriculum/standards	6	5	11	15	11	8	8	11	8	8	10	9	9	3	2	3	—	—
Pupils' lack of interest/truancy	—	3	5	4	5	3	6	5	3	6	5	3	4	3	2	5	6	5
Integration/segregation/racial discrimination	17	15	10	6	4	3	4	4	4	5	5	4	4	3	2	2	—	—
Management of funds/programs	—	—	—	—	—	—	—	—	—	—	—	—	—	(¹)	2	—	—	—
Moral standards	—	—	—	1	2	5	7	6	3	3	3	4	3	—	—	—	—	—
Low teacher pay	—	—	—	4	2	3	5	4	4	6	4	3	3	—	—	—	—	—
Teachers' lack of interest	—	—	6	5	4	4	5	3	4	4	2	2	—	—	—	—	—	—
Drinking/alcoholism	—	—	2	4	3	5	6	5	4	4	2	2	—	—	—	—	—	—
Lack of proper facilities	11	3	2	2	1	1	2	1	1	2	—	—	—	—	—	—	—	—

¹ Less than .05 percent.
—Data not available.

SOURCE: "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," *Phi Delta Kappan*, various years. (This table was prepared September 1998.)

Table 24.—Public opinion of public and private school choice: 1989 to 1998

Question	Percent who favor position											
	1989	1990	1991	1993	1995	1996	1997	1998				
								Total	No children in school	Public school parents	Non-public school parents	
1	2	3	4	5	6	7	8	9	10	11	12	
Do you favor or oppose allowing students and their parents to choose which public schools in the community the students attend regardless of where they live?	60	62	62	65	69	—	—	—	—	—	—	—
Do you favor or oppose allowing students and parents to choose a private school to attend at public expense?	—	—	26	24	33	36	44	44	—	—	—	—
Do you think private schools that accept government tuition payments for these students should be accountable to public authorities or not?												
Yes, should be accountable	—	—	—	63	73	—	—	75	74	80	62	
No, should not be accountable	—	—	—	34	24	—	—	20	22	16	26	
Don't know	—	—	—	3	3	—	—	5	4	4	12	

—Data not available.

SOURCE: *Phi Delta Kappan*, "The Annual Gallup Poll of the Public's Attitudes Toward the Public Schools," various years. (This table was prepared September 1998.)

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

Characteristics of children, parents, and schools	Percent of children whose parents ¹ report that they—				Distribution of children, by parental reports of number of times spent helping with homework per week ²				Distribution of children, by parental reports of average grades in all subjects ^{2,3}			
	At- tended a general school meeting	At- tended parent-teacher conference	At- tended a class event	Volun- teered 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	Mostly A's	Mostly B's	Mostly C's	Mostly D's or F's
Total	76.4	70.6	66.1	39.6	26.7	35.1	25.8	12.3	39.5	37.7	18.5	4.2
Sex of child												
Male	75.6	71.9	64.5	38.7	27.4	33.5	26.2	12.9	32.5	38.3	23.5	5.7
Female	77.3	69.3	67.8	40.6	25.9	36.9	25.4	11.8	46.9	37.2	13.2	2.7
Race/ethnicity of child												
White, non-Hispanic	78.5	71.2	70.9	44.5	28.2	37.0	24.8	10.1	43.7	36.1	16.5	3.7
Black, non-Hispanic	71.9	68.0	56.0	29.5	21.9	30.0	28.6	19.5	27.0	41.0	26.2	5.8
Hispanic	72.7	70.7	54.8	27.7	25.4	31.1	27.9	15.6	31.9	43.6	19.6	4.9
Other, non-Hispanic	72.6	71.4	63.4	36.2	24.3	37.5	26.1	12.0	44.7	33.7	17.1	4.5
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	29.0	39.0	23.9	8.1
High school graduate	71.1	68.2	59.5	31.1	26.4	34.2	25.7	13.6	30.5	40.5	23.1	5.9
Some postsecondary	77.4	71.1	68.4	40.2	26.4	35.8	26.1	11.6	36.9	40.1	19.1	3.9
College graduate	86.1	75.1	75.5	52.2	25.4	38.8	25.3	10.5	52.5	32.9	12.7	1.9
Graduate/professional	87.6	75.1	81.0	56.8	27.9	35.1	26.8	10.2	58.2	30.9	9.8	1.1
Family Income												
Less than \$5,000	67.0	68.3	49.8	27.0	23.7	28.3	27.7	20.4	28.9	38.8	23.3	8.9
\$5,001 to \$10,000	63.8	67.4	49.6	24.4	26.7	32.1	27.6	13.7	26.6	41.9	24.6	6.9
\$10,001 to 15,000	67.4	66.9	60.3	29.9	26.8	36.0	22.7	14.6	28.0	39.8	26.0	6.2
\$15,001 to 20,000	69.1	67.4	55.8	26.8	27.7	33.3	23.4	15.6	32.7	38.4	21.6	7.3
\$20,001 to 25,000	69.0	68.7	58.5	29.2	25.9	34.9	26.5	12.7	34.4	40.8	20.6	4.2
\$25,001 to 30,000	72.0	69.2	61.7	33.0	28.1	34.8	27.3	9.8	33.0	42.0	19.8	5.2
\$30,001 to 35,000	79.0	69.1	68.8	41.6	27.9	35.6	24.8	11.6	40.0	38.0	18.1	3.9
\$35,001 to 40,000	78.9	72.8	69.6	41.7	24.9	37.3	27.0	10.7	40.4	37.3	19.4	2.8
\$40,001 to 50,000	80.7	73.9	72.8	45.3	27.1	35.3	25.3	12.4	43.2	36.0	16.8	4.0
\$50,001 to 75,000	83.9	72.2	75.0	49.1	25.9	37.0	26.3	10.8	50.2	32.7	14.9	2.2
Over \$75,000	88.2	73.8	79.1	57.3	28.3	36.6	25.1	9.9	51.0	36.8	10.9	1.3
Child attending public schools ⁴	75.3	70.6	64.8	35.4	26.6	35.9	25.4	12.1	38.2	37.9	19.3	4.6
Elementary (kindergarten to grade 8) ⁴	80.2	79.8	67.8	39.4	15.5	35.1	33.2	16.2	43.2	36.6	16.3	3.9
Secondary (grades 9 to 12) ⁴	63.2	47.7	57.5	25.5	52.0	37.7	7.7	2.5	29.6	40.2	24.5	5.7
Child attending private schools ⁴	90.2	82.3	82.8	66.4	27.2	28.7	29.2	14.9	50.8	36.1	11.8	1.3
Elementary (kindergarten to grade 8) ⁴	92.2	87.8	86.1	70.8	14.5	28.5	37.0	19.9	55.7	35.3	7.5	1.4
Secondary (grades 9 to 12) ⁴	85.0	67.4	73.7	54.4	57.4	29.0	10.8	2.8	40.9	37.7	20.4	1.0

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 children whose programs have no classes with lettered grades.

⁴ Excludes home-schooled children.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, 1996, unpublished data. (This table was prepared December 1998.)

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

Characteristics of children, parents, and schools	Percent of children ¹ whose parents report that they did the following things in the past month—						Percent of children ² whose families have rules about—			Percent of children whose parents involved them in the following activities during the past week 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	Talked about family history or ethnic heritage	Attended an event sponsored by a community, religious, or ethnic group	Time for bed on school nights	Amount of time child is allowed to watch television	Television programs child is allowed to watch	Told a story	Worked on art or crafts	Played a game or sport together	Built or made project or fixed something ³	Worked on household chores
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	48.7	32.5	21.2	15.7	56.4	53.3	97.2	80.0	92.0	70.4	67.0	91.3	65.0	96.5
Sex of child														
Male	48.5	30.3	20.6	15.3	55.8	52.6	97.8	80.3	92.0	69.8	64.2	91.9	66.6	96.1
Female	49.0	34.7	21.8	16.0	57.0	53.9	96.6	79.8	92.1	71.0	70.0	90.7	63.3	97.0
Race/ethnicity of child														
White, non-Hispanic	51.7	32.2	21.0	13.3	52.1	54.9	97.7	77.3	93.4	71.1	68.5	92.4	68.1	97.4
Black, non-Hispanic	43.9	38.1	22.2	21.6	69.5	54.6	97.3	88.5	90.8	66.9	63.5	92.5	59.6	97.0
Hispanic	38.9	26.6	19.6	19.3	58.4	44.3	95.1	83.5	88.0	70.0	63.3	84.7	56.9	91.8
Other, non-Hispanic	52.3	33.2	24.3	18.3	64.8	49.6	95.5	78.6	89.0	73.8	68.5	90.8	61.9	94.9
Highest education level of parents														
Less than high school	30.1	25.6	16.7	18.9	53.5	37.8	95.2	80.1	85.8	66.1	59.7	81.9	56.9	91.3
High school graduate	40.0	27.9	15.0	14.4	50.9	44.7	97.0	80.1	91.7	66.8	65.7	92.0	63.2	97.2
Some postsecondary	49.7	33.3	20.4	15.4	57.1	54.9	97.8	80.8	93.5	71.8	67.5	91.6	65.9	97.4
College graduate	60.1	35.8	27.3	16.3	59.5	63.6	97.7	77.7	93.3	72.7	71.1	93.9	69.1	96.7
Graduate/professional	65.3	41.6	32.5	16.3	65.4	67.2	97.2	81.0	92.6	75.4	69.0	92.5	68.2	96.3
Family Income														
Less than \$5,000	40.4	38.1	19.8	19.2	57.4	43.1	97.7	85.5	90.9	70.3	64.1	89.0	62.9	94.9
\$5,001 to \$10,000	37.2	27.3	16.1	17.0	58.2	41.9	93.6	81.0	88.7	67.1	67.3	89.3	60.4	95.9
\$10,001 to 15,000	37.3	29.6	16.8	15.6	57.5	48.0	95.8	78.1	88.7	65.3	60.9	86.6	53.6	95.2
\$15,001 to 20,000	41.1	25.7	13.9	16.8	55.7	47.0	98.0	79.2	89.8	66.7	60.5	88.5	64.8	97.1
\$20,001 to 25,000	42.3	30.8	20.9	14.9	58.2	48.4	97.3	82.1	93.3	73.1	64.5	91.8	62.1	95.6
\$25,001 to 30,000	43.3	27.1	17.7	16.0	54.6	50.4	97.1	80.3	90.5	69.3	67.1	91.7	65.1	95.2
\$30,001 to 35,000	50.5	30.0	21.3	15.9	54.4	56.9	98.1	78.6	91.4	72.0	69.3	92.4	68.1	97.7
\$35,001 to 40,000	56.4	32.6	17.3	13.2	53.5	55.8	97.8	81.3	95.0	71.8	69.3	92.4	70.0	96.8
\$40,001 to 50,000	55.1	32.7	21.1	13.2	54.1	58.3	98.6	80.1	93.9	69.2	69.6	93.5	66.6	97.7
\$50,001 to 75,000	55.5	33.3	25.1	13.4	54.9	59.7	97.8	78.9	94.4	71.7	68.5	92.0	67.3	97.5
Over \$75,000	59.6	42.6	31.4	19.0	60.5	62.2	97.3	77.7	92.2	73.9	70.0	93.8	68.8	96.6
Child attending public schools ⁴	48.3	31.7	19.9	14.7	57.1	51.9	97.3	79.9	91.5	66.7	64.4	90.5	63.9	97.3
Child attending private schools ⁴	58.2	37.2	27.8	16.9	61.3	66.9	96.3	79.6	95.5	74.2	67.2	91.7	70.9	96.5

¹ Includes children enrolled in nursery school through grade 5.

² Includes children enrolled in kindergarten through grade 5.

³ Includes children enrolled in 1st through 5th grade.

⁴ Excludes nursery school and home-schooled children.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, 1996, unpublished data. (This table was prepared December 1998.)

Table 27.—Teachers' perceptions about serious problems in their schools, by type and control of school: 1990–91 and 1993–94

Problem area	Percent of teachers indicating item is a serious problem									
	Public school teachers					Private school teachers				
	1990–91	1993–94				1990–91	1993–94			
	Total	Total	Elementary schools	Secondary schools	Combined schools	Total	Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9	10	11
Student tardiness	11.2	10.5	6.3	18.3	7.8	3.4	2.6	1.8	4.3	2.6
Student absenteeism	14.1	14.4	7.2	27.1	15.0	2.6	2.2	0.8	5.2	2.7
Teacher absenteeism	1.6	1.5	1.3	1.9	2.0	0.7	0.8	0.7	1.2	0.9
Students cutting class	4.6	5.1	1.3	11.9	4.6	0.7	0.7	0.2	2.4	0.7
Physical conflicts among students	6.5	8.2	7.8	8.6	8.1	1.1	1.5	0.9	2.1	2.1
Robbery or theft	3.4	4.1	3.0	5.8	3.6	0.8	0.8	0.4	1.4	1.1
Vandalism of school property	5.4	6.7	5.2	9.0	5.9	0.9	1.2	0.9	2.0	1.2
Student pregnancy	6.4	7.3	1.1	18.4	10.1	0.3	0.4	0.2	1.1	0.4
Student use of alcohol	8.2	9.3	1.6	23.1	14.2	2.4	3.1	0.3	11.0	2.7
Student drug abuse	4.2	5.7	1.0	14.2	7.1	0.5	1.3	0.2	4.0	1.4
Student possession of weapons ...	1.2	2.8	1.2	5.6	2.7	0.1	0.3	0.2	0.6	0.3
Verbal abuse of teachers	7.5	11.1	8.6	14.8	14.3	1.7	2.3	0.7	2.8	4.4
Student disrespect for teachers	13.0	18.5	15.3	23.6	20.3	2.9	3.4	2.2	4.2	4.7
Students dropping out	6.3	5.8	1.2	14.1	7.7	0.2	0.6	0.3	1.3	0.7
Student apathy	20.6	23.6	15.6	38.0	28.9	4.1	4.5	2.2	9.7	5.1
Lack of academic challenge	5.7	6.5	4.2	10.4	9.9	1.3	1.5	1.0	2.5	1.6
Lack of parental involvement	25.4	27.6	23.0	34.5	35.5	4.3	4.0	2.8	7.1	4.7
Parental alcoholism/drug abuse ...	12.0	13.1	12.9	12.3	18.7	2.2	2.6	1.6	4.2	3.4
Poverty	17.1	19.5	20.8	15.9	26.8	2.0	2.7	2.2	3.2	3.0
Racial tension	3.8	5.1	4.0	6.7	5.5	0.7	0.9	0.6	1.7	0.8
Students come unprepared to learn	—	28.8	24.3	36.0	30.9	—	4.1	2.6	7.6	4.6

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey," 1990–91 and 1993–94. (This table was prepared September 1996.)

Table 28.—Teachers’ perceptions about teaching and school conditions, by type and control of school: 1993–94

Statement	Percent of teachers somewhat agreeing or strongly agreeing with statement							
	Public school teachers				Private school teachers			
	Total	Elementary schools	Secondary schools	Combined schools	Total	Elementary schools	Secondary schools	Combined schools
1	2	3	4	5	6	7	8	9
The school administration’s behavior toward the staff is supportive ...	79.2	80.7	76.8	77.0	88.2	89.4	83.3	88.7
My principal enforces school rules for student conduct and backs me up when I need it	80.8	82.0	78.6	81.4	88.4	89.3	84.4	88.5
The principal lets staff members know what is expected of them	85.6	86.9	83.5	82.1	88.2	89.1	86.6	88.2
Principal talks to me frequently about my instructional practices	44.3	49.0	35.6	45.7	54.0	58.3	41.2	53.7
Goals and priorities for the school are clear	82.8	85.4	78.1	79.3	90.2	90.9	88.3	90.2
Teachers in this school are evaluated fairly	87.9	88.6	86.6	85.3	89.8	90.4	87.3	90.3
In this school, staff members are recognized for a job well done	67.9	71.7	61.7	62.6	81.1	82.4	74.7	82.1
Principal knows what kind of school he/she wants and has communicated it to the staff	80.5	82.8	76.7	77.1	88.6	89.1	85.5	89.9
Principal does a poor job in getting resources for this school	16.1	15.1	18.1	19.6	10.5	10.6	12.9	8.7
Most of my colleagues share my beliefs and values about what the central mission of the school should be	84.2	87.3	79.1	81.4	93.2	95.0	88.4	93.7
Teachers participate in making most of the important education decisions in this school	58.3	62.8	50.3	58.4	74.0	75.1	66.1	75.3
There is a great deal of cooperative effort among staff	77.5	80.9	71.8	76.3	90.5	90.3	86.2	93.0
I receive a great deal of support from parents for the work I do	52.5	58.4	43.2	47.4	84.6	87.3	77.7	83.1
I make a conscious effort to coordinate the content of my courses with that of other teachers	85.0	88.0	79.8	82.9	85.2	86.6	78.5	86.1
Routine duties and paperwork interfere with my job of teaching	70.8	70.9	71.4	65.7	40.1	40.5	45.2	36.2
I have to follow rules in this school that conflict with my best professional judgement	24.2	22.0	27.4	26.4	15.0	15.1	19.1	13.0
Level of student misbehavior in this school interferes with my teaching	44.1	42.9	45.5	43.9	22.4	22.7	20.2	25.1
Amount of student tardiness and class cutting in this school interferes with my teaching	27.9	18.4	45.3	24.6	8.6	6.4	13.4	9.2
Rules for student behavior are consistently enforced by teachers in this school, even for students who are not in their classes	61.8	70.9	45.8	59.5	77.6	83.1	63.6	77.0
I am satisfied with my class sizes	64.9	62.9	68.2	78.1	84.4	82.2	84.0	89.3
I am satisfied with my teaching salary	44.9	44.1	47.2	43.1	41.6	35.5	43.6	49.5
I sometimes feel it is a waste of time to try to do my best as a teacher	26.8	23.4	32.6	30.8	13.4	12.1	16.5	13.7
I plan with the librarian/media specialist for the integration of services into my teaching	66.9	67.8	65.8	64.5	60.6	58.6	65.4	61.2
Library/media materials are adequate to support my instructional objectives	65.6	64.9	67.7	59.9	61.0	56.4	67.2	63.4
Necessary materials are available as needed by staff	73.1	73.7	73.0	72.3	85.7	84.5	85.3	87.3

SOURCE: U.S. Department of Education, National Center for Education Statistics, “Schools and Staffing Survey, 1993–94.” (This table was prepared September 1996.)

Table 29.—Public's level of confidence in various institutions: 1996 and 1998

Institution	Percent of respondents by levels of confidence					Percent of respondents by levels of confidence				
	1996					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	—	—	—	—	—

Data 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 30.—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				
		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.

Percentage 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 1996*. (This table was prepared April 1997.)

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

Table 31.—Total expenditures of educational institutions related to the gross domestic product, by level of institution: 1959–60 to 1997–98

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
1959	\$507.2	1959–60	\$23,860	4.7	\$16,713	3.3	\$7,147	1.4
1961	544.8	1961–62	28,503	5.2	19,673	3.6	8,830	1.6
1963	617.4	1963–64	34,440	5.6	22,825	3.7	11,615	1.9
1965	719.1	1965–66	43,682	6.1	28,048	3.9	15,634	2.2
1967	833.6	1967–68	55,652	6.7	35,077	4.2	20,575	2.5
1969	982.2	1969–70	68,459	7.0	43,183	4.4	25,276	2.6
1970	1,035.6	1970–71	75,741	7.3	48,200	4.7	27,541	2.7
1971	1,125.4	1971–72	80,672	7.2	50,950	4.5	29,722	2.6
1972	1,237.3	1972–73	86,875	7.0	54,952	4.4	31,923	2.6
1973	1,382.6	1973–74	95,396	6.9	60,370	4.4	35,026	2.5
1974	1,496.9	1974–75	108,664	7.3	68,846	4.6	39,818	2.7
1975	1,630.6	1975–76	118,706	7.3	75,101	4.6	43,605	2.7
1976	1,819.0	1976–77	126,417	6.9	79,194	4.4	47,223	2.6
1977	2,026.9	1977–78	137,042	6.8	86,544	4.3	50,498	2.5
1978	2,291.4	1978–79	148,308	6.5	93,012	4.1	55,296	2.4
1979	2,557.5	1979–80	165,627	6.5	103,162	4.0	62,465	2.4
1980	2,784.2	1980–81	182,849	6.6	112,325	4.0	70,524	2.5
1981	3,115.9	1981–82	197,801	6.3	120,486	3.9	77,315	2.5
1982	3,242.1	1982–83	212,081	6.5	128,725	4.0	83,356	2.6
1983	3,514.5	1983–84	228,597	6.5	139,000	4.0	89,597	2.5
1984	3,902.4	1984–85	247,657	6.3	149,400	3.8	98,257	2.5
1985	4,180.7	1985–86	269,485	6.4	161,800	3.9	107,685	2.6
1986	4,422.2	1986–87	291,974	6.6	175,200	4.0	116,774	2.6
1987	4,692.3	1987–88	313,375	6.7	187,999	4.0	125,376	2.7
1988	5,049.6	1988–89	346,883	6.9	209,377	4.1	137,506	2.7
1989	5,438.7	1989–90	381,525	7.0	230,970	4.2	150,555	2.8
1990	5,743.8	1990–91	412,652	7.2	248,930	4.3	163,722	2.9
1991	5,916.7	1991–92	432,987	7.3	261,255	4.4	171,732	2.9
1992	6,244.4	1992–93	456,070	7.3	274,335	4.4	181,735	2.9
1993	6,558.1	1993–94	477,237	7.3	287,507	4.4	189,730	2.9
1994	6,947.0	1994–95	503,925	7.3	302,400	4.4	201,525	2.9
1995	7,269.6	¹ 1995–96	529,561	7.3	318,211	4.4	211,350	2.9
1996	7,661.6	² 1996–97	559,500	7.3	336,000	4.4	223,500	2.9
1997	8,110.9	² 1997–98	583,800	7.2	351,300	4.3	232,500	2.9

¹ Preliminary.² Estimated.

NOTE.—Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt, and capital outlay. Data for private elementary and secondary schools are estimated. Total expenditures for colleges and universities include current-fund expenditures and additions to plant value. Excludes expenditures of noncollegiate postsecondary institutions. Data for 1995–96 through 1997–98 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. Because of rounding, details may not add to totals.

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; Council of Economic Advisers, *Economic Indicators*; and National Education Association, *Estimates of School Statistics*, various years. (This table was prepared November 1998.)

**Table 32.—Total expenditures of educational institutions, by level and control of institution:
1899–1900 to 1997–98**
[In millions of current dollars]

School year	Total	Elementary and secondary schools			Colleges and universities		
		Total	Public	Private ¹	Total	Public	Private
1	2	3	4	5	6	7	8
1899–1900	—	—	\$215	—	—	—	—
1909–10	—	—	426	—	—	—	—
1919–20	—	—	1,036	—	—	—	—
1929–30	—	—	2,317	—	\$632	\$292	\$341
1939–40	—	—	2,344	—	758	392	367
1949–50	\$8,911	\$6,249	5,838	\$411	2,662	1,430	1,233
1951–52	10,735	7,861	7,344	517	2,874	1,565	1,309
1953–54	13,147	9,733	9,092	641	3,414	1,912	1,502
1955–56	15,907	11,727	10,955	772	4,180	2,348	1,832
1957–58	20,055	14,525	13,569	956	5,530	3,237	2,293
1959–60	23,860	16,713	15,613	1,100	7,147	3,904	3,244
1961–62	28,503	19,673	18,373	1,300	8,830	4,919	3,911
1963–64	34,440	22,825	21,325	1,500	11,615	6,558	5,057
1965–66	43,682	28,048	26,248	1,800	15,634	9,047	6,588
1967–68	55,652	35,077	32,977	2,100	20,575	12,750	7,824
1969–70	68,459	43,183	40,683	2,500	25,276	16,234	9,041
1970–71	75,741	48,200	45,500	2,700	27,541	18,028	9,513
1971–72	80,672	50,950	48,050	2,900	29,722	19,538	10,184
1972–73	86,875	54,952	51,852	3,100	31,923	21,144	10,779
1973–74	95,396	60,370	56,970	3,400	35,026	23,542	11,484
1974–75	108,664	68,846	64,846	4,000	39,818	26,966	12,852
1975–76	118,706	75,101	70,601	4,500	43,605	29,736	13,869
1976–77	126,417	79,194	74,194	5,000	47,223	31,997	15,226
1977–78	137,042	86,544	80,844	5,700	50,498	34,031	16,467
1978–79	148,308	93,012	86,712	6,300	55,296	37,110	18,187
1979–80	165,627	103,162	95,962	7,200	62,465	41,434	21,031
1980–81	182,849	112,325	104,125	8,200	70,524	46,559	23,965
1981–82	197,801	120,486	111,186	9,300	77,315	50,813	26,502
1982–83	212,081	128,725	118,425	10,300	83,356	54,338	29,018
1983–84	228,597	139,000	127,500	11,500	89,597	58,124	31,473
1984–85	247,657	149,400	137,000	12,400	98,257	63,705	34,553
1985–86	269,485	161,800	148,600	13,200	107,685	70,069	37,616
1986–87	291,974	175,200	160,900	14,300	116,774	74,552	42,222
1987–88	313,375	187,999	172,699	15,300	125,376	79,859	45,516
1988–89	346,883	209,377	192,977	16,400	137,506	87,107	50,398
1989–90	381,525	230,970	212,770	18,200	150,555	96,387	54,169
1990–91	412,652	248,930	229,430	19,500	163,722	104,433	59,288
1991–92	432,987	261,255	241,055	20,200	171,732	108,667	63,065
1992–93	456,070	274,335	252,935	21,400	181,735	115,169	66,566
1993–94	477,237	287,507	265,307	22,200	189,730	119,573	70,157
1994–95	503,925	302,400	279,000	23,400	201,525	127,594	73,930
1995–96 ²	529,561	318,211	293,611	24,600	211,350	132,752	78,597
1996–97 ¹	559,500	336,000	310,200	25,800	223,500	140,000	83,500
1997–98 ¹	583,800	351,300	324,300	27,000	232,500	145,500	87,000

¹ Estimated.² Preliminary.

—Data not available.

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 noncollegiate postsecondary institutions. Higher education data for 1995–96 through 1997–98 are for 4-year and 2-year degree-granting institutions that were eligible to par-

ticipate in Title IV federal financial aid programs. Some data have been revised from published figures. Because of rounding, details may not add to totals.

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 1998.)

Table 33.—Estimated total expenditures of educational institutions, by level, control of institution, and source of funds: 1979–80 to 1995–96

[In billions of current dollars]

Level and control of institution and source of funds	1979–80		1984–85		1989–90		1990–91		1994–95 ¹		1995–96 ²	
	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent	Amount	Percent
1	2	3	4	5	6	7	8	9	10	11	12	13
All levels												
Total public and private	\$165.6	100.0	\$247.7	100.0	\$381.5	100.0	\$412.7	100.0	\$503.9	100.0	\$529.6	100.0
Federal	18.9	11.4	21.3	8.6	31.6	8.3	34.1	8.3	43.7	8.7	45.0	8.5
State	64.3	38.8	96.1	38.8	142.2	37.3	151.6	36.7	177.9	35.3	188.6	35.6
Local	43.3	26.1	63.3	25.6	97.9	25.7	105.5	25.6	127.6	25.3	132.9	25.1
All other	39.1	23.6	66.9	27.0	109.8	28.8	121.5	29.4	154.7	30.7	163.1	30.8
Total public	137.4	100.0	200.7	100.0	309.2	100.0	333.9	100.0	406.6	100.0	426.4	100.0
Federal	14.8	10.8	15.8	7.9	23.0	7.4	24.9	7.5	33.1	8.1	34.2	8.0
State	63.9	46.5	95.5	47.6	140.8	45.5	150.3	45.0	176.3	43.4	187.0	43.9
Local	43.1	31.4	63.1	31.4	97.5	31.6	105.0	31.5	127.2	31.3	132.3	31.0
All other	15.6	11.3	26.3	13.1	47.9	15.5	53.7	16.1	70.0	17.2	72.8	17.1
Total private	28.2	100.0	47.0	100.0	72.4	100.0	78.8	100.0	97.3	100.0	103.2	100.0
Federal	4.1	14.5	5.5	11.7	8.6	11.9	9.2	11.6	10.6	10.9	10.8	10.5
State	0.4	1.6	0.7	1.4	1.4	1.9	1.3	1.7	1.6	1.6	1.5	1.5
Local	0.2	0.6	0.2	0.5	0.4	0.6	0.4	0.5	0.4	0.4	0.6	0.5
All other	23.5	83.4	40.6	86.4	62.0	85.6	67.9	86.1	84.7	87.0	90.3	87.5
Elementary and secondary schools												
Total public and private	103.2	100.0	149.4	100.0	231.0	100.0	248.9	100.0	302.4	100.0	318.2	100.0
Federal	9.4	9.1	9.1	6.1	13.0	5.6	14.2	5.7	19.0	6.3	19.5	6.1
State	44.7	43.3	66.8	44.7	100.6	43.6	108.2	43.5	130.5	43.1	139.5	43.8
Local	41.6	40.3	60.8	40.7	94.0	40.7	101.2	40.6	122.1	40.4	126.9	39.9
All other	7.5	7.3	12.8	8.6	23.3	10.1	25.4	10.2	30.9	10.2	32.4	10.2
Total public	96.0	100.0	137.0	100.0	212.8	100.0	229.4	100.0	279.0	100.0	293.6	100.0
Federal	9.4	9.8	9.1	6.6	13.0	6.1	14.2	6.2	19.0	6.8	19.5	6.6
State	44.7	46.6	66.8	48.7	100.6	47.3	108.2	47.2	130.5	46.8	139.5	47.5
Local	41.6	43.3	60.8	44.3	94.0	44.2	101.2	44.1	122.1	43.8	126.9	43.2
All other	0.3	0.3	0.4	0.3	³ 5.1	³ 2.4	³ 5.9	³ 2.6	³ 7.5	³ 2.7	³ 7.8	³ 2.6
Total private ⁴	7.2	100.0	12.4	100.0	18.2	100.0	19.5	100.0	23.4	100.0	24.6	100.0
All other	7.2	100.0	12.4	100.0	18.2	100.0	19.5	100.0	23.4	100.0	24.6	100.0
Institutions of higher education												
Total public and private	62.5	100.0	98.3	100.0	150.6	100.0	163.7	100.0	201.5	100.0	211.3	100.0
Federal	9.5	15.2	12.2	12.4	18.6	12.3	19.9	12.2	24.8	12.3	25.5	12.1
State	19.6	31.4	29.4	29.9	41.6	27.6	43.4	26.5	47.4	23.5	49.1	23.2
Local	1.7	2.7	2.5	2.6	3.9	2.6	4.3	2.6	5.5	2.7	6.0	2.8
All other	31.6	50.6	54.1	55.1	86.5	57.4	96.1	58.7	123.8	61.5	130.7	61.8
Total public	41.4	100.0	63.7	100.0	96.4	100.0	104.4	100.0	127.6	100.0	132.8	100.0
Federal	5.4	13.1	6.7	10.6	9.9	10.3	10.7	10.3	14.1	11.1	14.7	11.1
State	19.2	46.3	28.7	45.1	40.2	41.7	42.1	40.3	45.8	35.9	47.6	35.8
Local	1.5	3.7	2.3	3.6	3.5	3.7	3.9	3.7	5.1	4.0	5.5	4.1
All other	15.3	36.9	25.9	40.7	42.7	44.3	47.7	45.7	62.6	49.0	65.0	49.0
Total private	21.0	100.0	34.6	100.0	54.2	100.0	59.3	100.0	73.9	100.0	78.6	100.0
Federal	4.1	19.4	5.5	15.9	8.6	15.9	9.2	15.4	10.6	14.4	10.8	13.8
State	0.4	2.1	0.7	1.9	1.4	2.6	1.3	2.3	1.6	2.1	1.5	1.9
Local	0.2	0.8	0.2	0.6	0.4	0.7	0.4	0.7	0.4	0.6	0.6	0.7
All other	16.3	77.7	28.2	81.6	43.8	80.8	48.4	81.6	61.3	82.9	65.7	83.6

¹ Revised from previously published data.

² Preliminary data.

³ Revenues from individuals including fees for transportation and books and food service receipts. This expenditure includes only the individual contributions for these categories and excludes contributions from public sources.

⁴ Some private elementary and secondary school revenues come from federal, state, and local sources. However, comprehensive data are not available to delineate the sources of revenues for private schools.

NOTE.—Estimated distribution of expenditures by source of funds are obtained from distribution of revenue sources for current funds. Federally-supported student aid that goes to higher education institutions through students' tuition payments is shown under "All other" rather than "federal." Such payments would add substantial amounts and

several percentage points to the federal share. Other federal programs, not included in this table because they do not support regular educational institutions, would increase the federal share even further. Typical examples of these payments would be federal support for libraries and museums. Additionally, the federal contribution to education through tax expenditures is not reflected in this table. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data; Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS) "Finance" survey, unpublished data. (This table was prepared November 1998.)

Table 34.—Governmental expenditures, by level of government and function: 1970–71 to 1993–94

Expenditure, by function	All governments ¹					Federal government					State and local governments ²				
	1970–71	1980–81	1990–91	1992–93	1993–94	1970–71	1980–81	1990–91	1992–93	1993–94	1970–71	1980–81	1990–91	1992–93	1993–94
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	In millions														
General expenditures	\$301,096	\$827,877	\$1,804,005	\$1,902,366	\$1,963,558	\$150,422	\$422,301	\$1,060,407	\$1,083,257	\$1,107,501	\$150,674	\$407,449	\$908,108	\$1,027,488	\$1,077,665
Selected federal programs															
National defense and international relations	80,910	174,564	366,112	344,008	333,380	80,910	174,564	366,112	344,008	333,380	—	—	—	—	—
Postal service	8,683	20,466	43,102	44,528	46,110	8,683	20,466	43,102	44,528	46,110	—	—	—	—	—
Space research and technology	3,334	5,523	13,514	13,873	13,553	3,334	5,523	13,514	13,873	13,553	—	—	—	—	—
Education and libraries	64,042	158,012	334,333	373,411	381,991	4,629	12,408	46,025	55,365	50,502	60,174	147,649	313,744	347,236	358,241
Social services and income maintenance.															
Public welfare	20,446	74,643	167,681	218,655	236,033	2,220	22,395	119,135	157,130	171,112	18,226	54,121	130,402	167,046	179,829
Hospitals and health	14,835	47,378	102,817	118,969	125,596	3,630	11,277	28,207	32,654	34,424	11,205	36,101	81,110	94,651	100,429
Social insurance administration	2,031	5,075	8,193	5,920	6,506	1,086	2,799	4,943	5,642	5,790	945	2,276	3,250	3,945	4,071
Transportation	23,722	46,578	84,048	90,386	95,224	4,062	7,724	23,250	26,646	29,220	19,819	39,231	75,410	80,600	85,203
Public safety															
Police protection	5,706	16,851	38,942	42,778	45,231	478	1,904	6,170	7,356	7,328	5,228	14,947	32,772	36,146	38,645
Correction	1,979	7,806	29,297	31,768	34,603	94	413	1,941	2,422	2,587	1,885	7,393	27,356	29,614	32,270
Environment and housing															
Natural resources	13,740	43,599	56,949	64,446	66,778	10,658	38,896	48,415	53,859	55,568	3,082	6,175	12,575	13,168	13,987
Housing and community development	4,467	13,894	33,346	31,121	35,716	1,913	6,808	30,199	31,321	36,916	2,554	7,086	16,648	18,539	19,899
Governmental administration															
Financial administration	3,612	10,944	27,204	30,841	32,324	1,341	3,714	10,209	11,647	11,788	2,271	7,230	16,995	19,309	20,577
General control ³	3,567	11,514	36,977	39,450	41,609	540	1,973	5,511	6,357	6,470	4,432	12,771	31,466	33,093	35,139
Interest on general debt	21,688	97,641	247,376	253,878	257,623	16,599	80,510	195,142	198,795	202,663	5,089	17,131	52,234	55,083	54,960
Other and unallocable	28,334	93,389	214,115	198,332	211,280	10,245	30,927	118,532	91,654	100,090	15,764	55,338	114,147	129,057	134,414
	Percentage distribution														
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															
National defense and international relations	26.9	21.1	20.3	18.1	17.0	53.8	41.3	34.5	31.8	30.1	—	—	—	—	—
Postal service	2.9	2.5	2.4	2.3	2.3	5.8	4.8	4.1	4.1	4.2	—	—	—	—	—
Space research and technology	1.1	0.7	0.7	0.7	0.7	2.2	1.3	1.3	1.3	1.2	—	—	—	—	—
Education and libraries	21.3	19.1	18.5	19.6	19.5	3.1	2.9	4.3	5.1	4.6	39.9	36.2	34.5	33.9	33.4
Social services and income maintenance.															
Public welfare	6.8	9.0	9.3	11.5	12.0	1.5	5.3	11.2	14.5	15.5	12.1	13.3	14.4	16.3	16.7
Hospitals and health	4.9	5.7	5.7	6.3	6.4	2.4	2.7	2.7	3.0	3.1	7.4	8.9	8.9	9.2	9.4
Social insurance administration	0.7	0.6	0.5	0.3	0.3	0.7	0.7	0.5	0.5	0.5	0.6	0.6	0.4	0.4	0.4
Transportation	7.9	5.6	4.7	4.8	4.8	2.7	1.8	2.2	2.5	2.6	13.2	9.6	8.3	7.9	7.9
Public safety															
Police protection	1.9	2.0	2.2	2.2	2.3	0.3	0.5	0.6	0.7	0.7	3.5	3.7	3.6	3.5	3.6
Correction	0.7	0.9	1.6	1.7	1.8	0.1	0.1	0.2	0.2	0.2	1.3	1.8	3.0	2.9	3.0
Environment and housing															
Natural resources	4.6	5.3	3.2	3.4	3.4	7.1	9.2	4.6	5.0	5.0	2.0	1.5	1.4	1.3	1.3
Housing and community development	1.5	1.7	1.8	1.6	1.8	1.3	1.6	2.8	2.9	3.3	1.7	1.7	1.8	1.8	1.9
Governmental administration															
Financial administration	1.2	1.3	1.5	1.6	1.6	0.9	0.9	1.0	1.1	1.1	1.5	1.8	1.9	1.9	1.9
General control ³	1.2	1.4	2.0	2.1	2.1	0.4	0.5	0.5	0.6	0.6	2.9	3.1	3.5	3.2	3.3
Interest on general debt	7.2	11.8	13.7	13.3	13.1	11.0	19.1	18.4	18.4	18.3	3.4	4.2	5.8	5.4	5.1
Other and unallocable	9.4	11.3	11.9	10.4	10.8	6.8	7.3	11.2	8.5	9.0	10.5	13.6	12.6	12.6	12.5

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.

—Data not applicable.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared October 1998.)

Table 35.—Direct general expenditures of state and local governments for all functions and for education, by level and state: 1994–95

[In millions]

State	Total direct general expenditures ¹	Education expenditures							
		Total	Elementary and secondary education			Higher education			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	\$1,146,188	\$378,273	\$264,240	\$239,433	\$24,808	\$97,048	\$86,587	\$10,461	\$16,984
Alabama	15,736	5,269	3,021	2,774	248	1,877	1,705	172	370
Alaska	6,253	1,502	1,136	1,006	129	298	287	11	68
Arizona	15,853	5,706	3,814	3,137	677	1,696	1,532	164	197
Arkansas	8,020	2,938	1,879	1,714	165	757	675	82	302
California	145,425	41,155	28,351	26,019	2,332	10,967	9,842	1,124	1,838
Colorado	15,678	5,700	3,669	3,170	498	1,770	1,613	157	261
Connecticut	16,997	5,059	3,946	3,854	92	899	879	20	214
Delaware	3,492	1,293	756	705	50	438	434	4	99
District of Columbia	4,303	706	615	583	32	92	88	4	0
Florida	57,825	17,445	13,201	11,136	2,066	3,614	3,017	597	630
Georgia	29,098	10,067	7,057	6,098	959	2,384	1,872	512	625
Hawaii	6,713	1,646	959	799	160	665	557	107	23
Idaho	4,337	1,655	1,090	953	138	473	402	71	92
Illinois	48,722	15,936	11,242	9,863	1,379	3,826	3,332	494	867
Indiana	21,144	8,517	5,633	5,000	634	2,559	2,296	263	325
Iowa	11,960	4,402	2,680	2,510	169	1,509	1,412	97	213
Kansas	10,221	3,938	2,560	2,375	186	1,234	1,104	130	144
Kentucky	13,659	4,723	3,015	2,865	149	1,316	1,163	153	393
Louisiana	18,625	5,464	3,670	3,457	213	1,482	1,381	100	312
Maine	5,196	1,670	1,221	1,154	67	372	330	42	77
Maryland	21,190	7,415	5,158	4,698	460	1,931	1,761	170	327
Massachusetts	29,857	7,943	6,095	5,658	438	1,421	1,364	56	427
Michigan	41,503	16,360	11,099	10,404	695	4,643	4,042	601	619
Minnesota	23,797	8,152	5,913	5,143	770	1,892	1,719	173	347
Mississippi	9,635	3,468	2,190	1,963	227	1,096	993	104	182
Missouri	17,765	6,623	4,816	4,263	553	1,561	1,410	151	246
Montana	3,535	1,404	949	904	44	356	298	58	100
Nebraska	6,643	2,704	1,838	1,583	254	789	694	95	78
Nevada	6,436	1,806	1,297	1,176	121	466	401	65	43
New Hampshire	4,509	1,528	1,132	1,060	72	345	320	25	51
New Jersey	42,219	14,188	11,046	10,365	682	2,623	2,309	315	518
New Mexico	7,370	2,574	1,492	1,327	165	965	871	94	117
New York	118,702	33,375	26,001	23,887	2,114	6,039	5,588	452	1,335
North Carolina	27,438	9,764	6,102	5,504	598	3,230	2,906	325	431
North Dakota	2,765	1,008	564	526	38	394	357	36	50
Ohio	44,033	15,494	10,930	10,244	686	3,874	3,433	441	690
Oklahoma	11,230	4,452	3,082	2,804	278	1,207	1,074	133	163
Oregon	14,429	4,878	3,263	3,064	199	1,424	1,263	161	191
Pennsylvania	50,375	16,420	11,334	10,402	933	3,910	3,474	436	1,176
Rhode Island	4,849	1,462	1,038	1,019	19	319	303	16	106
South Carolina	14,286	4,902	3,232	2,965	267	1,427	1,275	152	243
South Dakota	2,817	942	678	611	66	222	205	17	42
Tennessee	19,063	6,121	3,968	3,546	422	1,929	1,556	373	224
Texas	67,965	25,785	18,266	16,488	1,778	6,919	6,323	596	600
Utah	7,662	3,211	1,994	1,649	346	1,109	965	144	108
Vermont	2,502	984	619	586	32	298	271	27	67
Virginia	25,106	9,315	6,322	5,725	597	2,524	2,274	250	470
Washington	26,411	9,044	6,078	5,070	1,008	2,547	2,189	358	419
West Virginia	7,141	2,601	1,779	1,649	131	620	576	44	202
Wisconsin	23,079	8,610	5,825	5,398	426	2,461	2,204	257	324
Wyoming	2,622	947	625	577	48	283	253	30	39

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 institutions for elementary, secondary, and higher education, as well as miscellaneous education expenditures.

—Data not applicable.

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. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared February 1999.)

Table 36.—Direct general expenditures per capita of state and local governments for all functions and for education, by level and state: 1994–95

State	Total, all direct general expenditures per capita ¹	Education expenditures							
		Total		Elementary and secondary education		Higher education		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	\$4,362	\$1,440	33.0	\$1,006	23.1	\$369	8.5	\$65	1.5
Alabama	3,692	1,236	33.5	709	19.2	440	11.9	87	2.4
Alaska	10,393	2,496	24.0	1,888	18.2	495	4.8	114	1.1
Arizona	3,680	1,325	36.0	885	24.1	394	10.7	46	1.2
Arkansas	3,233	1,184	36.6	757	23.4	305	9.4	122	3.8
California	4,608	1,304	28.3	898	19.5	348	7.5	58	1.3
Colorado	4,190	1,523	36.4	981	23.4	473	11.3	70	1.7
Connecticut	5,203	1,549	29.8	1,208	23.2	275	5.3	65	1.3
Delaware	4,879	1,807	37.0	1,056	21.6	612	12.5	139	2.8
District of Columbia	7,792	1,279	16.4	1,113	14.3	166	2.1	—	—
Florida	4,078	1,230	30.2	931	22.8	255	6.3	44	1.1
Georgia	4,046	1,400	34.6	981	24.3	331	8.2	87	2.1
Hawaii	5,695	1,396	24.5	813	14.3	564	9.9	19	0.3
Idaho	3,723	1,421	38.2	936	25.1	406	10.9	79	2.1
Illinois	4,131	1,351	32.7	953	23.1	324	7.9	74	1.8
Indiana	3,653	1,472	40.3	973	26.6	442	12.1	56	1.5
Iowa	4,210	1,550	36.8	943	22.4	531	12.6	75	1.8
Kansas	3,978	1,532	38.5	996	25.0	480	12.1	56	1.4
Kentucky	3,542	1,225	34.6	782	22.1	341	9.6	102	2.9
Louisiana	4,303	1,262	29.3	848	19.7	342	8.0	72	1.7
Maine	4,211	1,353	32.1	989	23.5	301	7.2	62	1.5
Maryland	4,215	1,475	35.0	1,026	24.3	384	9.1	65	1.5
Massachusetts	4,926	1,311	26.6	1,006	20.4	234	4.8	70	1.4
Michigan	4,298	1,694	39.4	1,149	26.7	481	11.2	64	1.5
Minnesota	5,166	1,770	34.3	1,284	24.8	411	7.9	75	1.5
Mississippi	3,581	1,289	36.0	814	22.7	407	11.4	68	1.9
Missouri	3,336	1,244	37.3	904	27.1	293	8.8	46	1.4
Montana	4,069	1,616	39.7	1,092	26.8	409	10.1	115	2.8
Nebraska	4,060	1,653	40.7	1,123	27.7	482	11.9	48	1.2
Nevada	4,208	1,180	28.1	848	20.2	305	7.2	28	0.7
New Hampshire	3,933	1,333	33.9	987	25.1	301	7.6	44	1.1
New Jersey	5,307	1,783	33.6	1,388	26.2	330	6.2	65	1.2
New Mexico	4,370	1,526	34.9	885	20.2	572	13.1	70	1.6
New York	6,542	1,839	28.1	1,433	21.9	333	5.1	74	1.1
North Carolina	3,818	1,359	35.6	849	22.2	449	11.8	60	1.6
North Dakota	4,312	1,571	36.4	879	20.4	614	14.2	78	1.8
Ohio	3,955	1,392	35.2	982	24.8	348	8.8	62	1.6
Oklahoma	3,433	1,361	39.6	942	27.4	369	10.7	50	1.5
Oregon	4,591	1,552	33.8	1,038	22.6	453	9.9	61	1.3
Pennsylvania	4,182	1,363	32.6	941	22.5	325	7.8	98	2.3
Rhode Island	4,898	1,477	30.2	1,049	21.4	322	6.6	107	2.2
South Carolina	3,878	1,331	34.3	877	22.6	388	10.0	66	1.7
South Dakota	3,833	1,282	33.4	922	24.1	302	7.9	58	1.5
Tennessee	3,641	1,169	32.1	758	20.8	368	10.1	43	1.2
Texas	3,627	1,376	37.9	975	26.9	369	10.2	32	0.9
Utah	3,881	1,627	41.9	1,010	26.0	562	14.5	55	1.4
Vermont	4,292	1,688	39.3	1,061	24.7	511	11.9	116	2.7
Virginia	3,803	1,411	37.1	958	25.2	382	10.1	71	1.9
Washington	4,859	1,664	34.2	1,118	23.0	468	9.6	77	1.6
West Virginia	3,919	1,428	36.4	977	24.9	340	8.7	111	2.8
Wisconsin	4,514	1,684	37.3	1,139	25.2	481	10.7	63	1.4
Wyoming	5,478	1,979	36.1	1,307	23.9	591	10.8	82	1.5

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 assistance and subsidies to individuals and private institutions for elementary, secondary, and higher education, as well as miscellaneous education expenditures. —Data not applicable.

NOTE.—Per capita amounts are based on population figures as of July 1, 1995, and are computed on the basis of amounts rounded to the nearest thousand. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, unpublished data. (This table was prepared February 1999.)

Table 37.—Gross domestic product, state and local expenditures, personal income, disposable personal income, median family income, and population: 1929 to 1997

Year	Gross domestic product, in billions		State and local expenditures, ¹ in millions		Personal income, in billions	Disposable personal income, in billions of chained 1992 dollars	Disposable personal income per capita		Median family income	Total population in thousands	
	Current dollars	Chained 1992 dollars	All general expenditures	Education expenditures			Current dollars	Chained 1992 dollars		Annual averages of quarterly data ²	As of July 1 ³
1	2	3	4	5	6	7	8	9	10	11	12
1929	\$103.8	790.9	—	—	\$85.2	\$635.3	\$680	\$5,213	—	—	121,878
1933	56.2	577.3	—	—	46.8	481.6	363	3,831	—	—	125,690
1939	91.9	866.5	—	—	72.8	687.9	539	5,250	—	—	131,028
1940	101.2	941.2	\$9,229	\$2,638	78.3	734.3	575	5,558	—	—	132,122
1941	126.7	1,101.8	—	—	96.0	845.6	697	6,339	—	—	133,402
1942	161.6	1,308.9	9,190	2,586	123.3	952.8	872	7,065	—	—	134,860
1943	198.3	1,523.0	—	—	151.8	995.8	982	7,282	—	—	136,739
1944	219.7	1,644.7	8,863	2,793	165.7	1,031.3	1,062	7,452	—	—	138,397
1945	223.2	1,626.7	—	—	171.3	1,016.8	1,077	7,267	—	—	139,928
1946	222.6	1,447.7	11,028	3,356	179.0	1,011.0	1,136	7,150	—	—	141,389
1947	244.6	1,430.7	—	—	191.8	974.1	1,185	6,759	\$3,031	—	144,126
1948	269.7	1,491.0	17,684	5,379	210.7	1,025.6	1,297	6,994	3,187	—	146,631
1949	267.8	1,479.8	—	—	207.8	1,031.6	1,272	6,915	3,107	—	149,188
1950	294.6	1,611.3	22,787	7,177	229.7	1,124.7	1,382	7,415	3,319	—	151,684
1951	339.7	1,734.0	—	—	258.6	1,157.3	1,492	7,501	3,709	—	154,287
1952	358.6	1,798.7	26,098	8,318	276.0	1,194.8	1,545	7,613	3,890	—	156,954
1953	379.7	1,881.4	27,910	9,390	292.9	1,254.3	1,617	7,861	4,242	—	159,565
1954	381.3	1,868.2	30,701	10,557	255.7	1,270.2	1,625	7,822	4,167	—	162,391
1955	415.1	2,001.1	33,724	11,907	317.3	1,355.6	1,710	8,202	4,418	—	165,275
1956	438.0	2,040.2	36,711	13,220	340.5	1,418.5	1,794	8,432	4,780	—	168,221
1957	461.0	2,078.5	40,375	14,134	359.6	1,452.6	1,859	8,481	4,966	—	171,274
1958	467.3	2,057.5	44,851	15,919	370.3	1,466.4	1,892	8,421	5,087	—	174,882
1959	507.2	2,210.2	48,887	17,283	394.4	1,530.1	1,971	8,641	5,417	177,073	177,830
1960	526.6	2,262.9	51,876	18,719	412.5	1,565.4	2,008	8,660	5,620	180,760	180,671
1961	544.8	2,314.3	56,201	20,574	430.0	1,615.8	2,062	8,794	5,735	183,742	183,691
1962	585.2	2,454.8	60,206	22,216	457.0	1,693.7	2,151	9,077	5,956	186,590	186,538
1963	617.4	2,559.4	63,977	23,729	480.0	1,755.5	2,225	9,274	6,249	189,300	189,242
1964	663.0	2,708.4	69,302	26,286	514.5	1,881.9	2,384	9,805	6,569	191,927	191,889
1965	719.1	2,881.1	74,678	28,563	556.7	2,000.2	2,541	10,292	6,957	194,347	194,303
1966	787.8	3,069.2	82,843	33,287	605.7	2,106.6	2,715	10,715	7,532	196,599	196,560
1967	833.6	3,147.2	93,350	37,919	650.7	2,198.4	2,877	11,061	7,933	198,752	198,712
1968	910.6	3,293.9	102,411	41,158	714.5	2,298.2	3,096	11,448	8,632	200,745	200,706
1969	982.2	3,393.6	116,728	47,238	779.3	2,373.6	3,297	11,708	9,433	202,736	202,677
1970	1,035.6	3,397.6	131,332	52,718	837.1	2,465.6	3,545	12,022	9,867	205,089	205,052
1971	1,125.4	3,510.0	150,674	59,413	900.2	2,564.0	3,805	12,345	10,285	207,692	207,661
1972	1,237.3	3,702.3	168,550	65,814	988.8	2,680.8	4,074	12,770	11,116	209,924	209,896
1973	1,382.6	3,916.3	181,357	69,714	1,107.5	2,869.4	4,553	13,539	12,051	211,939	211,909
1974	1,496.9	3,891.2	198,959	75,833	1,215.9	2,847.0	4,928	13,310	12,902	213,898	213,854
1975	1,630.6	3,873.9	230,721	87,858	1,319.0	2,895.0	5,367	13,404	13,719	215,981	215,973
1976	1,819.0	4,082.9	256,731	97,216	1,459.4	3,008.0	5,837	13,793	14,958	218,086	218,035
1977	2,026.9	4,273.6	274,215	102,780	1,616.1	3,105.1	6,362	14,095	16,009	220,289	220,239
1978	2,291.4	4,503.0	296,984	110,758	1,825.9	3,264.2	7,097	14,662	17,640	222,629	222,585
1979	2,557.5	4,630.6	327,517	119,448	2,055.8	3,353.9	7,861	14,899	19,587	225,106	225,055
1980	2,784.2	4,615.0	369,086	133,211	2,293.0	3,373.3	8,665	14,813	21,023	227,726	227,726
1981	3,115.9	4,720.7	407,449	145,784	2,568.5	3,452.3	9,566	15,009	22,388	230,008	229,966
1982	3,242.1	4,620.3	436,733	154,282	2,724.1	3,483.0	10,108	14,999	23,433	232,218	232,188
1983	3,514.5	4,803.7	466,516	163,876	2,894.4	3,579.9	10,764	15,277	24,674	234,332	234,307
1984	3,902.4	5,140.1	505,008	176,108	3,211.4	3,841.9	11,887	16,252	26,433	236,394	236,348
1985	4,180.7	5,323.5	553,899	192,686	3,440.9	3,958.6	12,587	16,597	27,735	238,506	238,466
1986	4,422.2	5,487.7	605,623	210,819	3,639.6	4,087.0	13,244	16,981	29,458	240,682	240,651
1987	4,692.3	5,649.5	657,134	226,619	3,877.8	4,154.1	13,849	17,106	⁴ 30,970	242,842	242,804
1988	5,049.6	5,865.2	704,921	242,683	4,178.9	4,318.1	14,857	17,621	⁴ 32,191	245,061	245,021
1989	5,438.7	6,062.0	762,360	263,898	4,496.4	4,403.7	15,742	17,801	⁴ 34,213	247,387	247,342
1990	5,743.8	6,136.3	834,818	288,148	4,796.2	4,484.6	16,670	17,942	⁴ 35,353	249,956	249,949
1991	5,916.7	6,079.4	908,108	309,302	4,965.6	4,483.5	17,179	17,744	⁴ 35,939	252,680	252,636
1992	6,244.4	6,244.4	981,253	324,652	5,255.7	4,605.1	18,029	18,029	⁴ 36,573	255,432	255,382
1993	6,558.1	6,389.6	1,033,167	342,287	5,481.0	4,666.7	18,558	18,077	⁴ 36,959	258,161	258,089
1994	6,947.0	6,610.7	1,077,665	353,287	5,757.9	4,772.9	19,251	18,308	⁴ 38,782	260,705	260,602
1995	7,269.6	6,761.7	1,149,863	378,273	6,072.1	4,906.0	20,050	18,640	⁴ 40,611	263,194	263,039
1996	7,661.6	6,994.8	1,193,276	398,859	6,425.2	5,043.0	20,840	18,989	⁴ 42,300	265,579	265,453
1997	8,110.9	7,269.8	—	—	6,784.0	5,183.1	21,633	19,349	⁴ 44,568	267,880	267,901

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 Population of the United States including Armed Forces overseas; includes Alaska and Hawaii beginning 1958. Includes revisions based on the 1990 Census.

⁴ Revised methodology.

—Data not available.

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: Executive Office of the President, *Economic Report of the President, February 1998*, and *Economic Indicators, September 1998*; and 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*. (This table was prepared February 1999.)

Table 38.—Gross domestic product deflator, Consumer Price Index, education price indexes, and federal budget composite deflator: 1919 to 1998

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	—	17.1	1929–30	17.1	—	—	—	1929	—
1934	—	13.4	1934–35	13.6	—	—	—	1934	—
1939	—	13.9	1939–40	14.0	—	—	—	1939	—
1940	—	14.0	1940–41	14.2	—	—	—	1940	0.0909
1941	—	14.7	1941–42	15.6	—	—	—	1941	0.0954
1942	—	16.3	1942–43	16.9	—	—	—	1942	0.1048
1943	—	17.3	1943–44	17.4	—	—	—	1943	0.1199
1944	—	17.6	1944–45	17.8	—	—	—	1944	0.1218
1945	—	18.0	1945–46	18.2	—	—	—	1945	0.1195
1946	—	19.5	1946–47	21.2	—	—	—	1946	0.1148
1947	—	22.3	1947–48	23.3	—	—	—	1947	0.1296
1948	—	24.1	1948–49	24.1	—	—	—	1948	0.1331
1949	—	23.8	1949–50	23.7	—	—	—	1949	0.1344
1950	—	24.1	1950–51	25.1	—	—	—	1950	0.1414
1951	—	26.0	1951–52	26.3	—	—	—	1951	0.1473
1952	—	26.5	1952–53	26.7	—	—	—	1952	0.1513
1953	—	26.7	1953–54	26.9	—	—	—	1953	0.1588
1954	—	26.9	1954–55	26.8	—	—	—	1954	0.1640
1955	—	26.8	1955–56	26.9	—	—	—	1955	0.1664
1956	—	27.2	1956–57	27.7	—	—	—	1956	0.1749
1957	—	28.1	1957–58	28.6	—	—	—	1957	0.1833
1958	—	28.9	1958–59	29.0	—	—	—	1958	0.1925
1959	23.0	29.1	1959–60	29.4	—	—	—	1959	0.1987
1960	23.3	29.6	1960–61	29.8	25.6	26.7	—	1960	0.1994
1961	23.6	29.9	1961–62	30.1	26.5	27.5	—	1961	0.2046
1962	23.9	30.2	1962–63	30.4	27.6	28.5	—	1962	0.2077
1963	24.2	30.6	1963–64	30.8	28.6	29.5	—	1963	0.2154
1964	24.6	31.0	1964–65	31.2	29.8	30.7	—	1964	0.2192
1965	25.0	31.5	1965–66	31.9	31.3	32.0	—	1965	0.2224
1966	25.7	32.4	1966–67	32.9	32.9	33.8	—	1966	0.2293
1967	26.6	33.4	1967–68	34.0	34.9	35.7	—	1967	0.2365
1968	27.7	34.8	1968–69	35.7	37.1	38.0	—	1968	0.2465
1969	29.0	36.7	1969–70	37.8	39.5	40.3	—	1969	0.2597
1970	30.6	38.8	1970–71	39.7	42.1	42.7	—	1970	0.2753
1971	32.1	40.5	1971–72	41.2	44.3	45.0	—	1971	0.2925
1972	33.5	41.8	1972–73	42.8	46.7	47.1	—	1972	0.3118
1973	35.4	44.4	1973–74	46.6	49.9	50.1	—	1973	0.3277
1974	38.5	49.3	1974–75	51.8	54.3	54.8	—	1974	0.3454
1975	42.2	53.8	1975–76	55.5	57.8	59.0	57.3	1975	0.3545
1976	44.6	56.9	1976–77	58.7	61.5	62.7	61.6	1976	0.4196
1977	47.5	60.6	1977–78	62.6	65.7	66.8	65.8	1977	0.4539
1978	50.9	65.2	1978–79	68.5	70.5	71.7	71.4	1978	0.4855
1979	55.3	72.6	1979–80	77.6	77.5	78.3	78.5	1979	0.5265
1980	60.4	82.4	1980–81	86.6	85.8	86.6	86.1	1980	0.5817
1981	66.1	90.9	1981–82	94.1	93.9	94.0	94.0	1981	0.6421
1982	70.2	96.5	1982–83	98.2	100.0	100.0	100.0	1982	0.6867
1983	73.2	99.6	1983–84	101.8	104.8	104.3	105.1	1983	0.7198
1984	75.9	103.9	1984–85	105.8	110.8	109.8	111.2	1984	0.7544
1985	78.6	107.6	1985–86	108.8	116.3	115.2	117.6	1985	0.7828
1986	80.6	109.6	1986–87	111.2	120.9	120.0	124.2	1986	0.8049
1987	83.1	113.6	1987–88	115.8	126.1	126.8	130.0	1987	0.8271
1988	86.1	118.3	1988–89	121.2	132.8	132.1	138.6	1988	0.8544
1989	89.7	124.0	1989–90	127.0	140.8	139.0	147.4	1989	0.8901
1990	93.6	130.7	1990–91	133.9	148.2	145.8	155.7	1990	0.9257
1991	97.3	136.2	1991–92	138.2	153.5	150.6	163.3	1991	0.9695
1992	100.0	140.3	1992–93	142.5	158.0	155.2	169.8	1992	1.0000
1993	102.6	144.5	1993–94	146.2	163.3	160.1	176.7	1993	1.0252
1994	105.1	148.2	1994–95	150.4	168.3	165.4	183.9	1994	1.0495
1995	107.5	152.4	1995–96	154.5	173.3	170.8	192.6	1995	1.0767
1996	109.5	156.9	1996–97	158.9	—	—	—	1996	1.1052
1997	111.6	160.5	1997–98	161.7	—	—	—	1997	1.1324
1998	—	163.0	1998–99	—	—	—	—	1998	1.1574

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).
—Data not available.

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

SOURCE: Council of Economic Advisers, *Economic Indicators*, February 1991 and September 1998, and *Economic Report of the President*, February 1999; 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 1999*. (This table was prepared February 1999.)

CHAPTER 2

Elementary and Secondary Education

This chapter contains a variety of statistics on public and private elementary and secondary education. Data are presented for enrollments, teachers, schools, student performance, graduates, and expenditures. These data are derived from surveys conducted by the National Center for Education Statistics (NCES) and other public and private organizations. The variety of information ranges from simple counts of students and schools, to opinions of teachers and students concerning the state of education today.

Enrollments

Public elementary and secondary school enrollments increased by 15 percent from 1987 to 1997, but when examined separately, enrollment at the elementary and secondary levels exhibited different patterns. Between 1987 and 1997, public elementary enrollment rose by 18 percent, while secondary enrollment increased by 8 percent. Secondary enrollment declined during the beginning of this period (tables 3 and 39).

Preprimary education enrollment has grown substantially. Between 1987 and 1997, preprimary enrollment of 3- to 5-year-olds rose by 33 percent. An important feature of the increasing participation of young children in preprimary schools is the increasing proportion in full-day programs. In 1997 about 50 percent of the children attended school all day compared with 35 percent in 1987 (table 46).

Slightly increasing numbers and proportions of children are being served in programs for the disabled. During the 1980–81 school year, 10 percent of students were served in these programs compared with 13 percent in 1996–97. Much of the rise since 1980–81 may be attributed to the increasing proportion of children identified as learning disabled, which rose from 4 percent of enrollment in 1980–81 to 6 percent of enrollment in 1996–97 (table 53).

Tuition at Private Schools

The average full tuition (highest tuition charged) for private schools was \$3,116 in 1993–94. Schools with religious orientation charged significantly lower tuition than nonsectarian schools. Students at Catholic schools paid \$2,178 on average and students at

schools with other religious orientations paid \$2,915 on average, compared with the average tuition of \$6,631 for nonsectarian private schools. Mean tuition paid for private elementary school students was lower than that paid by other schools' students, with Catholic school students paying \$1,628. Students at schools with other religious orientations paid \$2,606, and students at nonsectarian schools paid \$4,693. Mean tuition paid for private secondary school students was substantially higher than that for private elementary school students, averaging \$3,643 at Catholic schools, \$5,261 at other religiously oriented schools, and \$9,525 at nonsectarian schools (table 62).

Teachers and Other School Staff

During the 1970s and early 1980s, public school enrollment decreased, while the number of teachers rose. As a result, the pupil/teacher ratio fell from 22.3 in 1970 to 17.9 in 1985. After 1985, the number of pupils per teacher continued downward, reaching 17.2 in 1990. Between 1990 and 1998, enrollment rose at about the same rate as the number of teachers, and the pupil/teacher ratio was estimated at 17.2 in fall 1998 (table 65).

In 1993–94, 73 percent of public school teachers were women, 33 percent were under 40, and more than 47 percent had a master's degree or above. By comparison, about 75 percent of the 378,000 full-time and part-time private school teachers were women. About 42 percent of the private school teachers were under age 40, and 34 percent had a master's or higher degree (table 68).

Principals tended to be older and have higher level credentials than teachers. Also, they were more likely to be male. About 7 percent of the public school principals were under age 40 and 99 percent had a master's degree or above. About 35 percent of the principals were women (table 88).

In general, public school teachers have higher salaries than private school teachers. In 1993–94, the average base salary for public school teachers was \$34,153, compared with \$21,968 for private school teachers (table 74). The average salary for public school teachers grew slowly during the 1990s, reaching \$39,385 in 1997–98. After adjustment for infla-

tion, teachers' salaries rose one percent between 1987–88 and 1997–98 (table 78).

The number of nonteaching staff employed by public schools grew at a faster rate than the number of pupils and teachers in the 1970s. During the 1970s, the proportion of the total staff who were teachers declined from 60 percent to 52 percent in fall 1980. From the 1980s through the mid-1990s, the number of teachers grew at about the same rate as other public school staff. In 1980, there were 9.8 pupils per staff member (total staff) compared with 8.9 pupils per staff member in 1996. In 1993–94, the number of pupils per staff member at private schools was 9.3 (tables 61 and 83).

Schools

Over the past several decades, the trend to consolidate small schools has brought a large decline in the total number of public schools in the United States. In 1930, there were more than 262,000 public schools, compared with around 88,000 today. But this number has grown in recent years, with an increase of about 4,800 schools between 1989–90 and 1996–97 (table 90).

The shift in structure of public school systems toward middle schools (grades 4, 5, or 6 to 6, 7, or 8) is continuing. The number of elementary schools rose by 5 percent to 62,000 between 1986–87 and 1996–97, but middle schools accounted for a disproportionate share of this increase, rising by 41 percent. Meanwhile, the number of junior high schools (grades 7 to 8 and 7 to 9) declined by 28 percent (table 96).

Elementary enrollment has risen faster than the number of schools, with the average elementary school size increasing as a result. Elementary schools grew from an average of 403 students in 1984–85 to 478 in 1996–97. During the same time period, the average secondary school size fell from 721 to 703. To some extent, the average size of secondary schools has been affected by increasing numbers of alternative schools, which tend to be small. Schools tend to be smaller in predominantly rural states, such as Nebraska, South Dakota, and Montana, and larger in states with large urban populations, such as California, Hawaii, and Florida (tables 97, 99, and 100).

Completions and Achievement

The dropout rate among 16- to 24-year-olds (which counts GED recipients and special program completers as graduates) suggests some improvements have been made over the past 20 years. This dropout rate includes all persons in the 16- to 24-year-old age group regardless of when they dropped out. Between 1977 and 1987, the dropout rate fell

from 14.1 percent to 12.6 percent. The dropout rate for 1997 was 11.0, which is lower than the 1987 figure. The dropout rate statistic is based on the civilian noninstitutionalized population, which excludes persons in prisons and persons not living in households (table 103). Comparisons of the number of public and private high school graduates with the 17-year-old population suggest that the proportion of young people earning regular high school diplomas has not increased over the past 20 years. At its highest point in 1968–69, there were 77 graduates for every 100 persons 17 years of age. This ratio declined during the 1970s, falling to 71 in 1979–80. The ratio has fluctuated since then and was 69 in 1997–98. This indicator is not a completion rate, however, because many students complete their high school education through alternative programs, such as night schools and the General Educational Development (GED) program (tables 101 and 104).

Student achievement has improved in a number of areas. An overall increase was seen in reading proficiency scores for 9- and 13-year-olds since 1971, with 17-year-olds scoring about the same in 1996 as in 1971. After significant gains during the 1970s, 9-year-old reading proficiency fell during the 1980s, but the 1996 score remained above the 1971 level. The increase in reading ability was reflected by higher average proficiencies in other subjects for 9- and 13-year-old students. Significant gaps in performance continue to exist between racial/ethnic subgroups and between male and female students. Gender gaps favoring female students in reading were essentially the same in 1996 as in 1971 (table 109).

The results of assessments in average writing achievement from 1984 to 1996 reveal a shift at grades 4 and 8. After declining between 1984 and 1990, average performance at grade 8 increased, and by 1996 had again returned to the earlier level. Also, at grade 4 there was an increase in performance between 1990 and 1996, countering downward fluctuations in the 1980s, so that performance was essentially unchanged between 1984 and 1996. Overall grade 11 writing performance declined between 1984 and 1996. Females outperformed males at the 4th, 8th, and 11th grade levels (table 115).

Results from national assessments of mathematics achievement indicated a significant improvement at ages 9 and 13, between 1973 and 1996. Performance of 17-year-olds declined between 1973 and 1982, but an upturn during the following decade returned average performance back up to 1973 levels. For 9-, 13-, and 17-year-olds, there were increases in average mathematics proficiency between 1986 and 1996, including increases among black and Hispanic 9- and 17-year-olds. Gender gaps in mathematics among 17-year-olds narrowed between 1973 and 1996. However, the gap among 9- and 13-year-

olds favoring females in 1973 reversed, and in 1996 the gap favored males (table 120).

Average science proficiency increased for 9-, 13-, and 17-year-old black students between 1970 and 1996. Although the average science proficiency of white students at all three age groups (ages 9, 13, and 17) remained significantly higher than the average proficiencies of black and Hispanic students, there was some evidence of gaps narrowing between 1970 and 1996. The performance gap between white and black students decreased for 9-year-olds and 13-year-olds between 1970 and 1996, but the gaps for 17-year-olds remained about the same. The performance gaps among white and Hispanic 9- and 17-year-olds was about the same in 1996 as they were in 1977 (table 128). Gender gaps favoring 9-year-old and 13-year-old males in science did not narrow significantly between 1970 and 1996, but there was a narrowing of the gap between 17-year-old males and females (table 128).

The Scholastic Assessment Test (SAT, formerly known as the Scholastic Aptitude Test) was not designed as an indicator of student achievement, but rather to help predict how well students will do in college. Between 1986–87 and 1996–97, mathematics SAT scores increased by 10 points, while verbal scores fell by 2 points (table 131).

Over the past 12 years, the average number of science and mathematics courses completed by public high school graduates increased substantially. The mean number of mathematics courses (Carnegie units) completed in high school rose from 2.6 in 1982 to 3.4 in 1994, and the number of science courses rose from 2.2 to 3.0. The average number of courses in vocational-technical areas completed by all high school graduates dropped gradually, from 4.7 units in 1982 to 3.9 units in 1994. As a result of the increased academic course load, the proportion of students completing the recommendations of the National Commission on Excellence (4 units of English, 3 units of social studies, 3 units of science, 3 units of mathematics, and .5 units of computer science) rose from 3 percent in 1982 to 32 percent in 1994 (tables 136 and 139).

Drugs and Violence

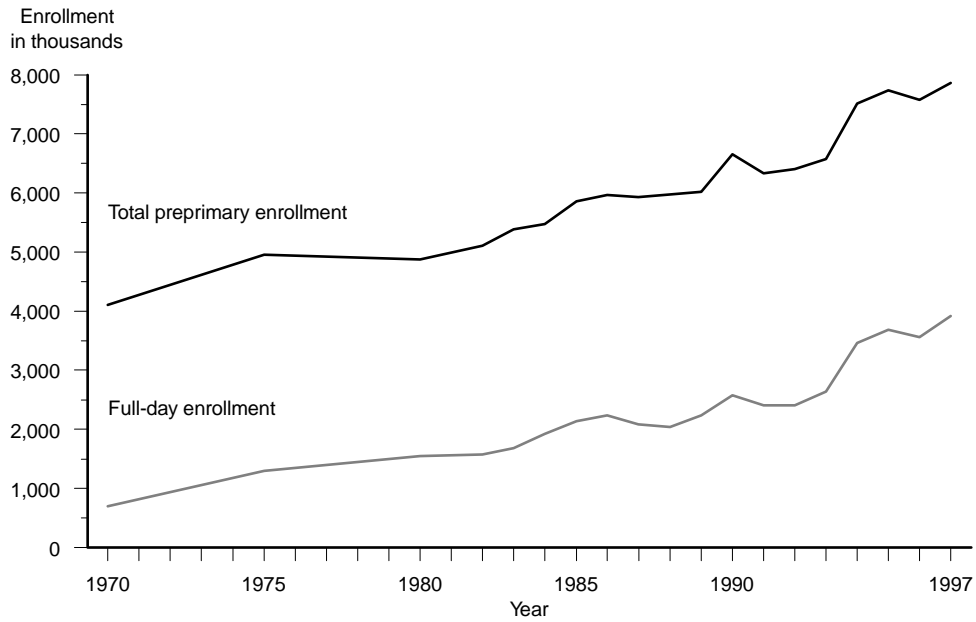
Twelfth-grade students at public schools were less likely to feel safe at school and were more likely to report fights between racial/ethnic groups and gangs at school than students at Catholic and other private schools. About 10 percent of all 1992 high school seniors reported that they did not feel safe at school and 23 percent reported that there were often fights between different racial/ethnic groups (table 142). The proportion of public and private high school seniors who reported ever using an illicit drug rose from 55 percent in 1975 to 66 percent in 1981. After 1981, the proportion of seniors who had ever used drugs fell. After reaching 41 percent in 1992, the proportion rose again to 51 percent in 1996. Also, the proportion of high school seniors who had ever used cocaine fell from 17 percent in 1985 to 7 percent in 1996. Alcohol remained the most often used drug. The proportion of seniors who had used alcohol within the previous 30 days declined from 72 percent in 1980 to 51 percent in 1996 (table 150).

Resources and Expenditures

The state share of revenues for public elementary and secondary schools had grown steadily for many decades, but this trend began to reverse in the late 1980s. Between 1986–87 and 1995–96, the state share declined from 49.7 percent of all revenues to 47.5 percent, while the local share rose from 43.9 percent to 45.9 percent. The federal share was 6.6 percent in 1995–96, after fluctuating slightly over the period (table 157).

The expenditure per student in public schools rose significantly during the late 1980s, but increased more slowly during the first part of the 1990s. Between 1985–86 and 1990–91, current expenditures per student in average daily attendance grew 14 percent, after adjustment for inflation. From 1990–91 to 1997–98, expenditures per student grew by 4 percent. In 1997–98, the estimated current expenditure per student in average daily attendance was \$6,624 (table 169).

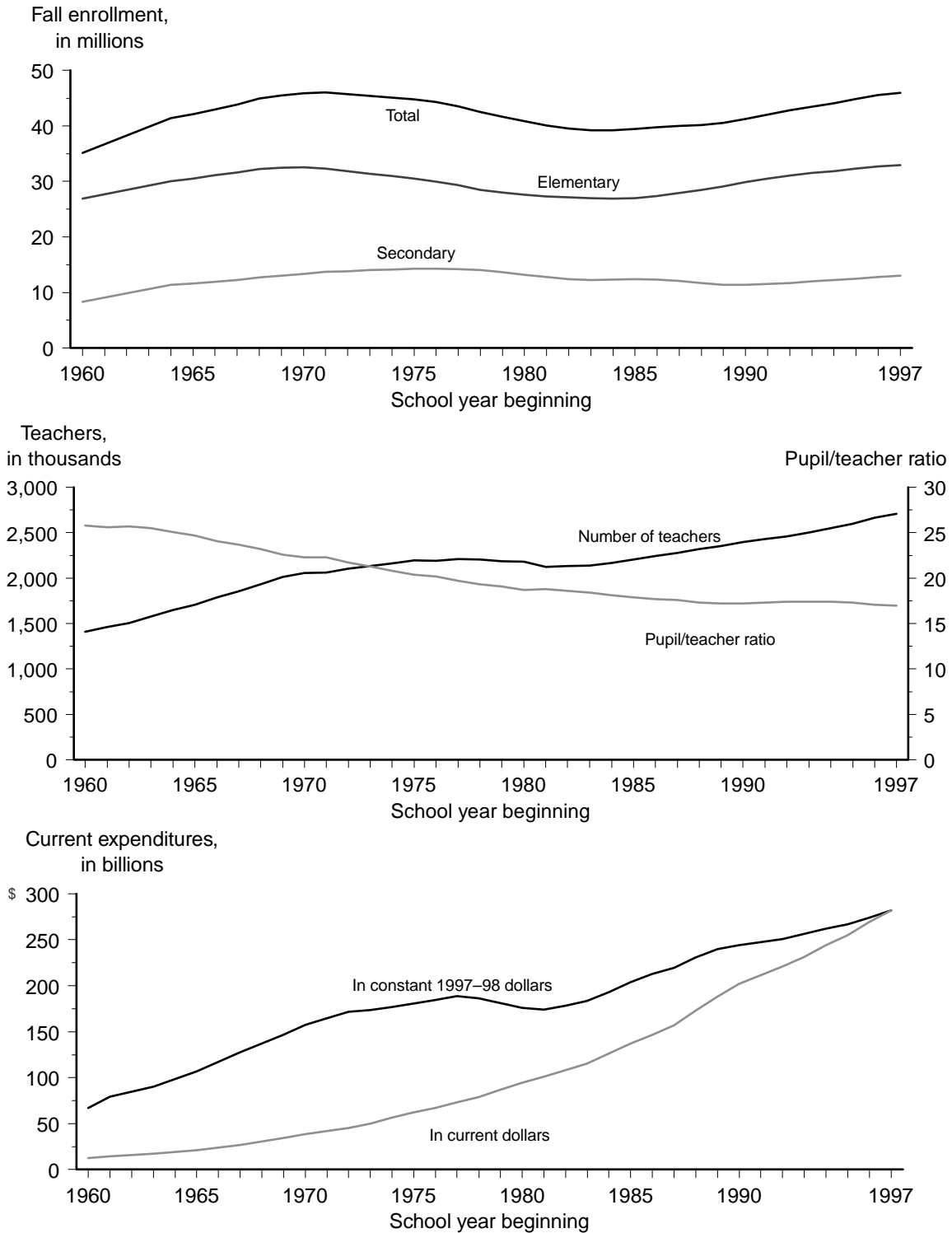
Figure 7.-Preprimary enrollment of 3- to 5-year-olds, by attendance status: October 1970 to October 1997



NOTE.—Data for 1994 and later years were collected using new procedures and may not be comparable with figures for earlier years.

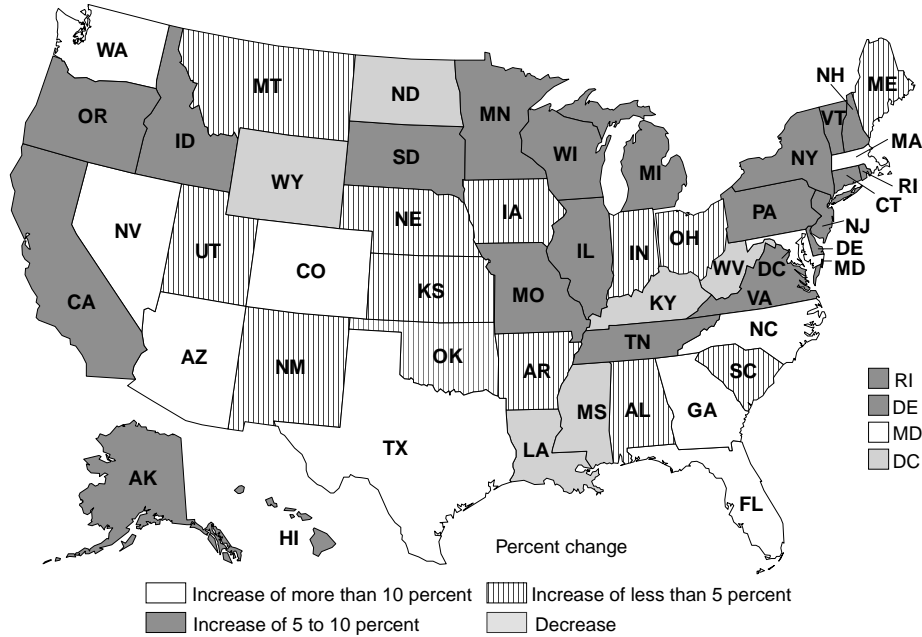
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data.

Figure 8.-Enrollment, number of teachers, pupil/teacher ratios, and expenditures in public schools: 1960-61 to 1997-98



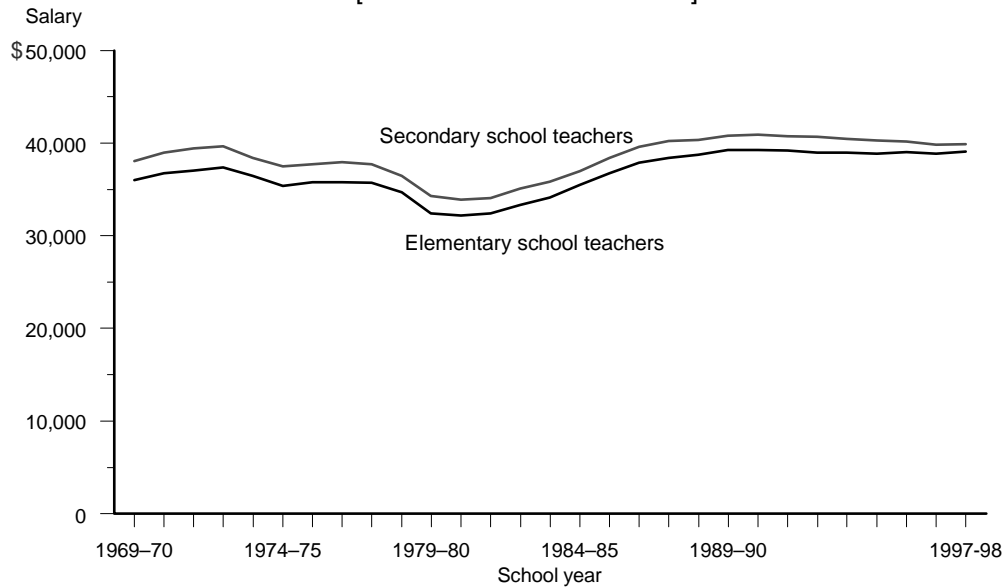
SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; *Statistics of Public Elementary and Secondary School Systems*; *Revenues and Expenditures for Public Elementary and Secondary Education*; and Common Core of Data surveys.

Figure 9.—Percentage change in public elementary and secondary enrollment, by state: Fall 1992 to fall 1997



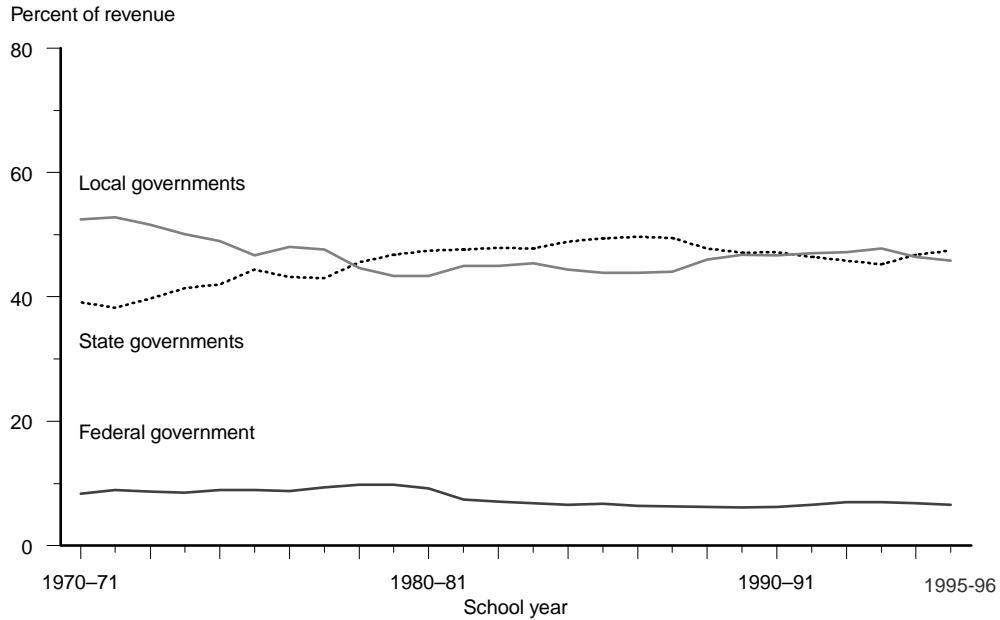
SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys.

Figure 10.—Average annual salary for public elementary and secondary school teachers: 1969–70 to 1997–98
[In constant 1997–98 dollars]



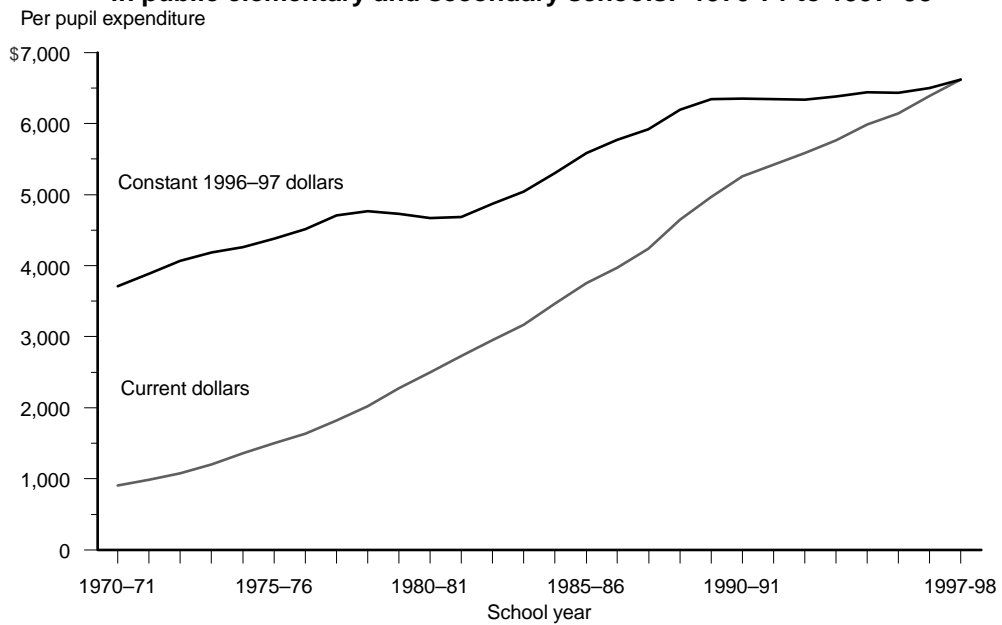
SOURCE: National Education Association, *Estimates of School Statistics*, latest edition 1997-98. Copyright 1998 by the National Education Association. (All rights reserved.)

Figure 11.-Sources of revenue for public elementary and secondary schools: 1970-71 to 1995-96



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*; and Common Core of Data surveys.

Figure 12.-Current expenditure per pupil in average daily attendance in public elementary and secondary schools: 1970-71 to 1997-98



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*; and Common Core of Data surveys.

Table 39.—Historical summary of public elementary and secondary school statistics: 1869–70 to 1995–96—Continued

Item	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1990–91	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Amounts in current dollars																
Annual salary of instructional staff ¹¹	\$189	\$195	\$252	\$325	\$485	\$871	\$1,420	\$1,441	\$3,010	\$5,174	\$9,047	¹² \$16,715	¹² \$32,638	¹² \$34,401	¹² \$38,441	¹² \$39,451
Personal income per member of labor force ¹	—	—	—	—	—	—	1,732	1,318	3,391	5,769	9,653	19,586	36,337	38,177	44,193	46,490
Total school expenditures per capita of total population	1.59	1.56	2.23	2.83	4.71	9.91	19.01	17.89	39	88	202	427	862	920	1,072	1,117
National income ¹ per capita	—	—	—	—	—	—	710	556	1,456	2,328	3,999	9,256	17,816	18,650	21,479	22,501
Current expenditure ^{6,13} per pupil in A.D.A. ¹⁴	—	—	13.99	16.67	27.85	53.32	86.70	88.09	210	375	816	2,272	4,980	5,258	5,989	6,146
Total expenditure ¹⁵ per pupil in A.D.A.	15.55	12.71	17.23	20.21	33.23	64.16	108.49	105.74	260	471	955	2,491	5,550	5,885	6,725	6,961
National income per pupil in A.D.A.	—	—	—	—	—	—	4,068	3,303	9,747	12,744	19,206	54,285	116,333	121,065	137,294	142,460
Current expenditure per day ¹⁶ per pupil in A.D.A. ⁶	—	—	0.10	0.12	0.18	0.33	0.50	0.50	1.17	2.11	4.56	12.73	—	—	—	—
Total expenditure per day per pupil in A.D.A.	0.12	0.10	0.13	0.14	0.21	0.40	0.63	0.60	1.46	2.65	5.34	13.95	—	—	—	—
Amounts in constant 1995–96 dollars																
Annual salary of instructional staff ¹¹	—	—	—	—	—	\$7,061	\$12,817	\$15,931	\$19,636	\$27,206	\$37,002	¹² \$33,265	¹² \$39,713	¹² \$39,688	¹² \$39,487	¹² \$39,451
Personal income per member of labor force ¹	—	—	—	—	—	—	15,637	14,572	22,120	30,333	39,480	38,979	44,214	44,045	45,396	46,490
Total school expenditures per capita of total population	—	—	—	—	—	80	172	198	255	462	826	850	1,049	1,061	1,101	1,117
National income ¹ per capita	—	—	—	—	—	—	6,406	6,142	9,498	12,238	16,357	18,420	21,678	21,517	22,063	22,501
Current expenditure ^{6,13} per pupil in A.D.A. ¹⁴	—	—	—	—	—	432	783	974	1,370	1,973	3,337	4,521	6,059	6,066	6,152	6,146
Total expenditure ¹⁵ per pupil in A.D.A.	—	—	—	—	—	520	979	1,169	1,699	2,477	3,906	4,957	6,753	6,789	6,908	6,961
National income per pupil in A.D.A.	—	—	—	—	—	—	36,716	36,514	63,586	67,012	78,554	108,034	141,551	139,672	141,029	142,460
Current expenditure per day ¹⁶ per pupil in A.D.A. ⁶	—	—	—	—	—	2.68	4.51	5.53	7.63	11.09	18.65	25.33	—	—	—	—
Total expenditure per day per pupil in A.D.A.	—	—	—	—	—	2.81	4.93	5.75	8.26	12.08	18.93	24.06	—	—	—	—

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

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

³ Data for 1870–71.

⁴ Estimated by the National Center for Education Statistics.

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

⁶ Prior to 1919–20, includes interest on school debt.

⁷ Because of the modification of the scope of "current expenditures for elementary and secondary schools," data for 1959–60 and later years are not entirely comparable with prior years.

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

⁹ Includes summer schools, community colleges, and adult education. Beginning in 1959–60, also includes community services, formerly classified with "current expenditures for elementary and secondary schools."

¹⁰ Excludes community colleges and adult education.

¹¹ Average includes supervisors, principals, teachers, and other nonsupervisory instructional staff.

¹² Estimated by the National Education Association.

¹³ Excludes current expenditures not allocable to pupil costs.

¹⁴ "ADA" means average daily attendance in elementary and secondary schools.

¹⁵ Expenditure figure is the sum of current expenditures allocable to pupil costs, capital outlay, and interest on school debt.

¹⁶ Per-day rates derived by dividing annual rates by average length of term.

—Data not collected.

NOTE.—Kindergarten enrollment includes a relatively small number of nursery school pupils. Because of rounding, details may not add to totals. Some data have been revised from previously published figures. Beginning in 1959–60, data include Alaska and Hawaii.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Revenues and Expenditures for Public Elementary and Secondary Education, FY 1980*; Common Core of Data surveys; and Council of Economic Advisers, *Economic Report of the President*. (This table was prepared June 1998.)

**Table 40.—Enrollment in public elementary and secondary schools, by level and state:
Fall 1982 to fall 1997**

State or other area	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total
1	2	3	4	5	6	7	8	9	10	11	12
United States	39,565,610	39,252,308	39,208,252	39,421,961	39,753,172	40,008,213	40,188,690	40,542,707	41,216,683	42,046,878	42,823,312
Alabama	724,037	721,901	712,586	730,460	733,735	729,234	724,751	723,743	721,806	722,004	731,634
Alaska ³	89,413	98,206	104,599	107,345	107,848	106,869	106,481	109,280	113,903	118,680	122,487
Arizona	510,296	506,682	530,062	548,252	534,538	572,421	574,890	607,615	639,853	656,980	673,477
Arkansas	432,565	432,120	432,668	433,410	437,438	437,036	436,387	434,960	436,286	438,518	441,490
California	4,065,486	4,089,017	4,151,110	4,255,554	4,377,989	4,488,398	4,618,120	4,771,978	4,950,474	5,107,145	5,254,844
Colorado	545,209	542,196	545,427	550,642	558,415	560,236	560,081	562,755	574,213	593,030	612,635
Connecticut ⁵	486,470	477,585	468,145	462,026	468,847	465,465	460,637	461,560	469,123	481,050	488,476
Delaware	92,646	91,406	91,767	92,901	94,410	95,659	96,678	97,808	99,658	102,196	104,321
District of Columbia	91,105	88,843	87,397	87,092	85,612	86,435	84,792	81,301	80,694	80,618	80,937
Florida	1,484,734	1,495,543	1,524,107	1,562,283	1,607,320	1,664,774	1,720,930	1,789,925	1,861,592	1,932,131	1,981,407
Georgia	1,053,689	1,050,859	1,062,315	1,079,594	1,096,425	1,110,947	1,107,994	1,126,535	1,151,687	1,177,569	1,207,186
Hawaii	162,024	162,241	163,860	164,169	164,640	166,160	167,488	169,493	171,708	174,747	177,448
Idaho	202,973	206,352	208,080	208,669	208,391	212,444	214,615	214,932	220,840	225,680	231,668
Illinois	1,880,289	1,853,316	1,834,355	1,826,478	1,825,185	1,811,446	1,794,916	1,797,355	1,821,407	1,848,166	1,873,567
Indiana	999,542	984,384	972,659	966,106	966,780	964,129	960,994	954,165	954,525	956,988	960,630
Iowa	504,983	497,287	491,011	485,332	481,286	480,826	478,200	478,486	483,652	491,363	494,839
Kansas	407,074	405,222	405,347	410,229	416,091	421,112	426,596	430,864	437,034	445,390	451,536
Kentucky	651,084	647,414	644,421	643,833	642,778	642,696	637,627	630,688	636,401	646,024	655,041
Louisiana	784,027	800,193	800,941	788,349	795,188	793,093	786,683	783,025	784,757	794,128	797,985
Maine	211,986	209,753	207,537	206,101	211,752	211,817	212,902	213,775	215,149	216,400	216,453
Maryland	699,201	683,491	673,840	671,560	675,747	683,797	688,947	698,806	715,176	736,238	751,850
Massachusetts	908,984	878,844	859,391	844,330	833,918	825,320	823,428	825,588	834,314	846,155	859,948
Michigan	1,674,697	1,635,963	1,609,448	1,602,747	1,597,154	1,589,287	1,582,785	1,576,785	1,584,431	1,593,561	1,603,610
Minnesota	715,190	705,236	701,697	705,140	711,134	721,481	726,950	739,553	756,374	773,571	793,724
Mississippi	468,294	467,744	466,058	471,195	498,639	505,550	503,326	502,020	502,417	504,127	506,668
Missouri	802,535	795,453	793,793	795,107	800,606	802,060	806,639	807,934	816,558	842,965	859,357
Montana	152,335	153,646	154,412	153,869	153,327	152,207	152,191	151,265	152,974	155,779	160,011
Nebraska	269,009	266,998	265,599	265,819	267,139	268,100	269,434	270,920	274,081	279,552	282,414
Nevada	151,104	150,442	151,633	154,948	161,239	168,353	176,474	186,834	201,316	211,810	222,974
New Hampshire	160,197	159,030	158,614	160,974	163,717	166,045	169,413	171,696	172,785	177,138	181,247
New Jersey	1,172,520	1,147,841	1,129,223	1,116,194	1,107,467	1,092,982	1,080,871	1,076,005	1,089,646	1,109,796	1,130,560
New Mexico	268,632	269,711	272,478	277,551	281,943	287,229	292,425	296,057	301,881	308,667	316,668
New York	2,718,678	2,674,818	2,645,811	2,621,378	2,607,719	2,594,070	2,573,715	2,565,841	2,598,337	2,643,993	2,689,686
North Carolina	1,096,815	1,089,606	1,088,724	1,086,165	1,085,248	1,085,976	1,083,156	1,080,744	1,086,871	1,097,598	1,114,083
North Dakota	117,078	117,213	118,711	118,570	118,703	119,004	118,809	117,816	117,825	118,376	118,734
Ohio	1,860,245	1,827,300	1,805,440	1,793,965	1,793,508	1,793,431	1,778,544	1,764,410	1,771,089	1,783,767	1,795,199
Oklahoma	593,825	591,389	589,690	592,327	593,183	584,212	580,426	578,580	579,087	588,263	597,096
Oregon	448,184	447,109	446,884	447,527	449,307	455,895	461,752	472,394	472,394	498,614	510,122
Pennsylvania	1,783,969	1,737,952	1,701,880	1,683,221	1,674,161	1,668,542	1,659,714	1,655,279	1,667,834	1,692,797	1,717,613
Rhode Island	139,959	136,412	134,610	133,949	134,690	134,800	133,585	135,729	138,813	142,144	143,798
South Carolina	608,518	604,553	602,718	606,643	611,629	614,921	615,774	616,177	622,112	627,470	640,464
South Dakota	123,897	123,060	123,314	124,291	125,458	126,817	126,910	127,329	129,164	131,576	134,573
Tennessee	828,264	822,057	817,212	813,753	818,073	823,783	821,580	819,660	824,595	833,651	855,231
Texas	2,985,659	2,989,796	3,040,305	3,131,705	3,209,515	3,236,787	3,283,707	3,328,514	3,382,887	3,464,371	3,541,769
Utah	370,183	378,208	390,141	403,305	415,994	423,386	431,119	438,554	446,652	456,430	463,870
Vermont	91,454	90,416	90,089	90,157	92,112	92,755	93,381	94,779	95,762	97,137	98,558
Virginia	975,727	966,110	965,222	968,104	975,135	979,417	982,393	985,346	998,601	1,016,204	1,031,925
Washington	739,215	736,239	741,177	749,706	761,428	775,755	790,918	810,232	839,709	869,327	896,475
West Virginia	375,115	371,251	362,941	357,923	351,837	344,236	335,912	327,540	322,389	320,249	318,296
Wisconsin	784,830	774,646	767,542	768,234	767,819	772,363	774,857	782,905	797,621	814,671	829,415
Wyoming	101,665	99,254	101,261	102,779	100,955	98,455	97,793	97,172	98,226	102,074	100,313
Outlying areas											
American Samoa	—	10,124	—	—	11,055	11,248	11,764	12,258	12,463	13,365	13,994
Guam	25,676	26,249	—	26,043	25,676	25,936	26,041	26,493	26,391	28,334	30,077
Northern Marianas	—	4,499	4,841	—	—	5,819	6,079	6,101	6,449	7,096	8,086
Puerto Rico	708,794	701,925	692,923	686,914	679,489	672,837	661,693	651,225	644,734	642,392	637,034
Virgin Islands	25,699	26,126	26,122	25,448	24,435	24,020	23,492	21,193	21,750	22,346	22,887

**Table 40.—Enrollment in public elementary and secondary schools, by level and state:
Fall 1982 to fall 1997—Continued**

State or other area	Fall 1993	Fall 1994			Fall 1995			Fall 1996			Estimated fall 1997 ¹
	Total	Total	Kinder- garten through grade 8 ²	Grades 9 to 12	Total	Kinder- garten through grade 8 ²	Grades 9 to 12	Total	Kinder- garten through grade 8 ²	Grades 9 to 12	Total
1	13	14	15	16	17	18	19	20	21	22	23
United States	43,464,916	44,111,482	31,898,249	12,213,233	44,840,481	32,340,501	12,499,980	45,592,213	32,758,548	12,833,665	45,953,018
Alabama	734,288	736,531	535,246	201,285	746,149	539,309	206,840	748,156	540,176	207,980	738,473
Alaska ³	125,948	127,057	93,719	33,338	127,618	93,434	34,184	129,919	94,362	35,557	132,258
Arizona	709,453	737,424	542,904	194,520	743,566	548,526	195,040	799,250	588,409	210,841	⁴ 859,104
Arkansas	444,271	447,565	319,282	128,283	453,257	322,440	130,817	457,349	324,448	132,901	⁴ 461,478
California	5,327,231	5,407,475	3,955,868	1,451,607	5,536,406	4,041,224	1,495,182	5,687,901	4,131,084	1,556,817	5,640,269
Colorado	625,062	640,521	469,755	170,766	656,279	478,881	177,398	673,438	487,304	186,134	688,438
Connecticut ⁵	496,298	506,824	375,638	131,186	517,935	384,274	133,661	527,129	389,374	137,755	535,000
Delaware	105,547	106,813	76,819	29,994	108,461	77,028	31,433	110,549	77,981	32,568	⁶ 111,960
District of Columbia	80,678	80,450	62,126	18,324	79,802	61,836	17,966	78,648	61,138	17,510	⁴ 77,511
Florida	2,040,763	2,111,188	1,569,666	541,522	2,176,222	1,613,510	562,712	2,242,212	1,653,162	589,050	⁶ 2,291,681
Georgia	1,235,304	1,270,948	934,650	336,298	1,311,126	965,707	345,419	1,346,761	990,850	355,911	1,375,918
Hawaii	180,410	183,795	133,675	50,120	187,180	135,671	51,509	187,653	136,184	51,469	⁶ 189,281
Idaho	236,774	240,448	168,887	71,561	243,097	169,556	73,541	245,252	169,419	75,833	250,300
Illinois	1,893,078	1,916,172	1,368,041	548,131	1,943,623	1,390,475	553,148	1,973,040	1,412,176	560,864	2,000,550
Indiana	965,633	969,022	678,970	290,052	977,263	684,348	292,915	983,415	689,578	293,837	988,750
Iowa	498,519	500,440	345,865	154,575	502,343	343,997	158,346	502,941	341,630	161,311	503,540
Kansas	457,614	460,838	329,211	131,627	463,008	328,701	134,307	466,293	328,023	138,270	469,740
Kentucky	655,265	657,642	467,005	190,637	659,821	468,242	191,579	656,089	466,177	189,912	639,579
Louisiana	800,560	797,933	583,892	214,041	797,366	580,348	217,018	793,296	575,318	217,978	⁶ 780,758
Maine	216,995	212,601	155,903	56,698	213,569	156,016	57,553	213,593	155,611	57,982	217,081
Maryland	772,638	790,938	580,903	210,035	805,544	590,155	215,389	818,583	596,643	221,940	833,489
Massachusetts	877,726	893,727	658,507	235,220	915,007	674,588	240,419	933,898	687,693	246,205	954,335
Michigan	1,599,377	1,614,784	1,170,251	444,533	1,641,456	1,191,671	449,785	1,684,386	1,221,755	462,631	1,728,500
Minnesota	810,233	821,693	581,426	240,267	835,166	586,080	249,086	847,204	588,752	258,452	845,700
Mississippi	505,907	505,962	366,846	139,116	506,272	366,186	140,086	503,967	363,864	140,103	504,995
Missouri	866,378	878,541	628,286	250,255	889,881	635,771	254,110	900,042	643,053	256,989	⁴ 910,319
Montana	163,009	164,341	116,748	47,593	165,547	116,403	49,144	164,627	114,672	49,955	163,999
Nebraska	285,097	287,100	203,055	84,045	289,744	203,022	86,722	291,967	202,846	89,121	292,681
Nevada	235,800	250,747	185,336	65,411	265,041	195,892	69,149	282,131	207,724	74,407	⁶ 296,621
New Hampshire	185,360	189,319	138,851	50,468	194,171	141,721	52,450	198,308	143,880	54,428	⁶ 196,647
New Jersey	1,151,307	1,174,206	862,331	311,875	1,197,381	880,350	317,031	⁴ 1,208,179	⁴ 884,389	⁴ 323,790	⁴ 1,231,059
New Mexico	322,292	327,248	229,168	98,080	329,640	229,239	100,401	332,632	230,012	102,620	⁶ 316,754
New York	2,733,813	2,766,208	1,949,245	816,963	2,813,230	1,980,208	833,022	2,843,131	2,000,001	843,130	2,831,900
North Carolina	1,133,231	1,156,767	847,463	309,304	1,183,090	871,320	311,770	1,210,108	886,153	323,955	⁶ 1,226,293
North Dakota	119,127	119,288	83,419	35,869	119,100	82,333	36,767	120,123	82,171	37,952	116,813
Ohio	1,807,319	1,814,290	1,295,289	519,001	1,836,015	1,297,313	538,702	1,844,389	1,298,719	545,670	1,845,000
Oklahoma	604,076	609,718	442,607	167,111	616,393	445,780	170,613	620,695	445,496	175,199	625,011
Oregon	516,611	521,945	371,967	149,978	527,914	375,966	151,948	537,854	380,239	157,615	⁶ 540,584
Pennsylvania	1,744,082	1,764,946	1,243,983	520,963	1,787,533	1,256,621	530,912	1,804,256	1,263,576	540,680	1,812,880
Rhode Island	145,676	147,487	107,913	39,574	149,799	109,815	39,984	151,324	110,476	40,848	152,042
South Carolina	643,696	648,725	468,850	179,875	645,586	463,305	182,281	653,011	467,885	185,126	647,430
South Dakota	142,825	143,482	101,805	41,677	144,685	101,491	43,194	143,331	99,160	44,171	141,390
Tennessee	866,557	881,425	640,604	240,821	893,770	650,601	243,169	905,089	657,541	247,548	905,860
Texas	3,608,262	3,677,171	2,720,623	956,548	3,748,167	2,757,273	990,894	3,828,975	2,800,017	1,028,958	3,905,256
Utah	471,365	474,675	328,482	146,193	477,121	327,790	149,331	481,812	327,981	153,831	479,150
Vermont	102,755	104,533	75,590	28,943	105,565	75,227	30,338	106,341	76,076	30,265	105,687
Virginia	1,045,471	1,060,809	774,319	286,490	1,079,854	787,945	291,909	1,096,093	796,302	299,791	⁶ 1,110,815
Washington	915,952	938,314	673,107	265,207	956,572	680,009	276,563	974,504	687,445	287,059	⁶ 991,235
West Virginia	314,383	310,511	212,808	97,703	307,112	211,008	96,104	304,052	208,970	95,082	⁶ 300,737
Wisconsin	844,001	860,581	601,215	259,366	870,175	602,964	267,211	879,259	605,322	273,937	891,588
Wyoming	100,899	100,314	70,130	30,184	99,859	68,931	30,928	99,058	67,331	31,727	⁶ 96,579
Outlying areas											
American Samoa	14,484	14,445	11,054	3,391	14,576	11,207	3,369	14,766	11,346	3,420	⁶ 15,220
Guam	30,920	32,185	24,189	7,996	32,960	24,877	8,083	33,393	25,217	8,176	32,923
Northern Marianas	8,188	8,429	6,559	1,870	8,809	6,825	1,984	9,041	7,077	1,964	⁶ 9,246
Puerto Rico	631,460	621,121	455,653	165,468	627,620	460,585	167,035	618,861	454,132	164,729	617,157
Virgin Islands	22,752	23,126	16,659	6,467	22,737	16,342	6,395	22,385	15,703	6,682	21,714

¹ Data estimated by state education agencies.
² Includes a number of prekindergarten students.
³ Beginning in 1983, data include students enrolled in public schools on federal bases and other special arrangements.
⁴ Data imputed by the National Center for Education Statistics based on previous year's data.
⁵ Beginning in 1986, data include state vocational/technical schools.

⁶ Actual data.
 —Data not available.
 NOTE.—Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared May 1998.)

Table 41.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1996

State or other area	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekindergarten ¹	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	45,592,213	32,758,548	673,581	3,534,098	3,768,600	3,595,878	3,517,594	3,446,576	3,447,099
Alabama	748,156	540,176	² 9,857	60,949	63,665	58,683	57,435	57,098	56,550
Alaska	129,919	94,362	2,186	10,451	10,670	10,453	10,361	10,055	10,268
Arizona	799,250	588,409	4,495	64,613	70,180	65,505	64,627	62,793	63,375
Arkansas	457,349	324,448	1,980	36,442	37,370	35,236	34,021	33,855	34,270
California	5,687,901	4,131,084	² 74,936	469,965	491,159	463,864	452,225	435,217	427,682
Colorado	673,438	487,304	12,520	50,707	54,565	52,947	52,377	52,524	53,400
Connecticut	527,129	389,374	9,147	43,213	46,391	44,172	43,092	41,969	41,354
Delaware	110,549	77,981	597	8,002	8,831	8,480	8,752	8,329	8,618
District of Columbia ...	78,648	61,138	5,044	7,469	7,912	7,114	6,271	5,442	5,332
Florida	2,242,212	1,653,162	53,979	176,512	185,614	181,795	178,378	175,240	175,623
Georgia	1,346,761	990,850	25,522	112,385	114,978	110,641	107,050	105,333	104,059
Hawaii	187,653	136,184	694	16,129	16,683	15,789	15,104	14,864	14,455
Idaho	245,252	169,419	1,689	17,562	18,805	18,262	18,366	18,085	17,950
Illinois	1,973,040	1,412,176	50,857	152,268	162,304	154,385	151,499	145,919	146,745
Indiana	983,415	689,578	5,263	74,803	82,221	77,275	75,069	72,250	72,737
Iowa	502,941	341,630	5,042	37,101	36,614	35,706	35,004	34,918	36,450
Kansas	466,293	328,023	3,723	32,890	36,285	34,777	35,003	35,077	36,134
Kentucky	656,089	466,177	19,428	46,450	48,209	47,697	54,703	47,018	46,850
Louisiana	793,296	575,318	20,066	61,170	64,136	59,025	58,244	59,082	59,815
Maine	213,593	155,611	828	15,864	17,116	16,601	16,826	16,621	17,421
Maryland	818,583	596,643	19,639	61,856	68,645	66,645	64,728	63,693	62,178
Massachusetts	933,898	687,693	15,695	76,519	81,375	77,953	75,468	73,659	72,121
Michigan	1,684,386	1,221,755	16,510	137,978	140,553	130,494	124,399	123,233	122,404
Minnesota	847,204	588,752	8,902	62,383	64,508	63,465	63,203	63,024	65,090
Mississippi	503,967	363,864	1,052	39,459	43,401	39,406	38,145	37,315	37,795
Missouri	900,042	643,053	16,099	69,239	70,822	69,002	67,308	67,529	68,653
Montana	164,627	114,672	500	11,757	12,706	11,916	12,317	12,479	12,968
Nebraska	291,967	202,846	4,104	21,874	22,224	21,443	21,158	21,440	22,120
Nevada	282,131	207,724	1,868	22,875	25,398	24,090	23,154	22,597	22,570
New Hampshire	198,308	143,880	1,535	8,569	18,322	16,744	16,620	16,643	16,367
New Jersey ³	1,208,179	884,389	10,127	93,772	104,405	97,608	92,629	88,378	86,801
New Mexico	332,632	230,012	3,894	24,324	26,283	25,132	24,163	25,029	23,933
New York	2,843,131	2,000,001	31,566	210,795	235,237	223,231	214,604	205,572	200,936
North Carolina	1,210,108	886,153	8,535	102,435	105,756	102,288	98,400	94,840	93,888
North Dakota	120,123	82,171	619	8,464	8,788	8,702	8,698	8,736	9,170
Ohio	1,844,389	1,298,719	21,317	140,222	149,371	142,259	139,219	137,711	139,054
Oklahoma	620,695	445,496	4,600	50,387	54,554	47,182	46,451	46,526	47,647
Oregon	537,854	380,239	878	39,829	42,819	42,299	41,405	41,373	42,301
Pennsylvania	1,804,256	1,263,576	3,005	133,608	147,895	139,897	138,776	136,710	138,106
Rhode Island	151,324	110,476	666	11,366	13,177	12,390	12,136	11,829	11,518
South Carolina	653,011	467,885	² 8,603	47,374	49,497	53,547	51,849	50,598	51,214
South Dakota	143,331	99,160	1,192	10,284	10,625	10,454	10,264	10,668	10,905
Tennessee	905,089	657,541	² 11,924	74,529	77,450	71,962	69,451	67,330	68,002
Texas	3,828,975	2,800,017	133,303	285,002	312,533	299,334	295,300	294,431	294,703
Utah	481,812	327,981	3,784	34,882	35,848	34,914	35,088	34,227	34,890
Vermont	106,341	76,076	2,318	7,530	8,256	8,255	8,060	8,152	8,319
Virginia	1,096,093	796,302	3,917	86,542	91,234	87,710	83,443	82,571	82,768
Washington	974,504	687,445	5,353	73,577	78,077	76,008	74,718	74,697	75,883
West Virginia	304,052	208,970	4,433	22,485	23,092	22,233	21,615	21,944	22,224
Wisconsin	879,259	605,322	19,790	62,455	64,925	63,921	63,286	64,670	65,943
Wyoming	99,058	67,331	—	6,782	7,116	6,987	7,132	7,283	7,540
Outlying areas									
American Samoa	14,766	11,346	1,494	1,136	1,210	1,181	1,115	1,174	1,079
Guam	33,393	25,217	453	3,022	3,162	3,038	2,846	2,762	2,713
Northern Marianas ...	9,041	7,077	590	692	872	771	810	784	679
Puerto Rico	618,861	454,132	373	42,399	54,821	51,137	49,959	49,998	49,308
Virgin Islands	22,385	15,703	—	1,626	1,760	1,559	1,594	1,691	1,646

Table 41.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1996—Continued

State or other area	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	3,486,295	3,456,871	3,398,117	433,839	12,833,665	3,792,818	3,316,015	2,925,139	2,581,941	217,752
Alabama	57,332	60,302	58,305	—	207,980	64,205	52,848	48,417	42,510	—
Alaska	10,176	10,115	9,627	—	35,557	10,621	9,426	8,140	7,370	—
Arizona	62,791	62,140	60,514	7,376	210,841	64,566	56,109	47,573	42,041	552
Arkansas	35,288	36,779	37,064	2,143	132,901	37,160	35,335	31,889	27,613	904
California	423,701	416,268	406,456	69,611	1,556,817	450,820	413,725	362,404	298,669	31,199
Colorado	52,942	52,486	52,269	567	186,134	55,219	49,058	44,244	37,179	434
Connecticut	40,511	39,816	37,991	1,718	137,755	41,003	35,800	32,068	28,882	2
Delaware	8,610	8,942	8,820	—	32,568	10,057	8,956	7,108	6,447	—
District of Columbia ...	4,742	4,875	4,625	2,312	17,510	4,951	4,554	3,694	3,042	1,269
Florida	179,951	176,413	169,657	—	589,050	193,153	161,606	128,822	105,469	—
Georgia	104,926	103,601	102,355	—	355,911	119,617	92,630	78,137	65,527	—
Hawaii	14,612	14,016	13,786	52	51,469	16,265	13,265	11,431	10,466	42
Idaho	18,806	19,896	19,998	—	75,833	21,023	19,458	18,277	17,075	—
Illinois	157,949	146,397	141,348	2,505	560,864	157,259	145,471	132,762	123,783	1,589
Indiana	74,331	76,300	76,573	2,756	293,837	83,587	75,447	69,453	62,923	2,427
Iowa	37,604	37,890	38,801	6,500	161,311	40,892	40,277	38,093	35,650	6,399
Kansas	37,046	36,890	37,164	3,034	138,270	39,108	36,064	32,702	29,244	1,152
Kentucky	48,695	49,675	49,641	7,811	189,912	55,989	48,867	43,346	38,460	3,250
Louisiana	61,493	61,343	57,344	13,600	217,978	68,328	54,975	47,525	41,759	5,391
Maine	17,512	17,481	17,124	2,217	57,982	15,849	15,010	13,562	12,851	710
Maryland	61,962	61,268	59,236	6,793	221,940	65,307	56,261	49,695	44,232	6,445
Massachusetts	71,768	69,867	67,029	6,239	246,205	70,811	64,182	58,643	52,569	—
Michigan	124,160	121,529	118,292	62,203	462,631	130,936	114,485	102,613	90,348	24,249
Minnesota	66,003	66,293	65,881	—	258,452	68,569	66,904	62,566	60,413	—
Mississippi	38,102	40,558	38,879	9,752	140,103	43,295	35,243	29,357	25,711	6,497
Missouri	69,619	68,903	69,187	6,692	256,989	72,441	67,015	60,653	54,437	2,443
Montana	13,164	13,307	13,183	375	49,955	13,957	13,013	11,826	11,018	141
Nebraska	22,548	23,023	22,912	—	89,121	24,047	23,790	21,498	19,786	—
Nevada	22,064	21,432	21,041	635	74,407	21,162	19,999	17,912	15,316	18
New Hampshire	16,626	15,955	15,738	761	54,428	15,999	14,321	12,875	11,158	75
New Jersey ³	86,348	84,287	82,628	57,406	323,790	86,418	77,521	72,807	67,781	19,263
New Mexico	25,474	25,763	26,017	—	102,620	29,906	25,242	21,061	17,073	9,338
New York	200,565	200,259	196,724	80,512	843,130	241,927	206,802	173,915	146,738	73,748
North Carolina	94,929	93,141	91,793	148	323,955	105,771	85,120	71,471	61,593	—
North Dakota	9,352	9,699	9,943	—	37,952	10,230	9,785	9,251	8,686	—
Ohio	141,355	139,994	140,245	7,972	545,670	160,479	140,454	127,673	117,064	—
Oklahoma	48,635	48,856	49,065	1,593	175,199	51,709	40,757	45,970	36,113	650
Oregon	42,643	42,215	42,862	1,615	157,615	44,713	40,751	36,762	34,794	595
Pennsylvania	136,933	136,632	136,746	15,268	540,680	152,058	136,714	124,788	114,183	12,937
Rhode Island	11,472	11,758	11,104	3,060	40,848	12,191	10,609	9,453	8,428	167
South Carolina	52,384	52,194	50,625	—	185,126	61,962	48,314	39,304	35,546	—
South Dakota	11,235	11,430	11,377	726	44,171	12,497	11,313	10,521	9,552	288
Tennessee	68,216	68,098	66,465	14,114	247,548	75,906	65,631	55,679	50,332	—
Texas	298,077	296,668	290,666	—	1,028,958	343,867	264,238	225,778	195,075	—
Utah	35,307	36,225	36,860	5,956	153,831	38,742	38,071	37,623	34,795	4,600
Vermont	8,331	8,481	8,374	—	30,265	8,486	7,697	7,130	6,622	330
Virginia	85,407	82,668	80,842	29,200	299,791	88,721	77,806	68,649	64,497	118
Washington	76,591	76,508	76,033	—	287,059	81,336	75,648	67,840	62,235	—
West Virginia	22,709	23,478	24,150	607	95,082	25,994	24,561	22,787	21,215	525
Wisconsin	67,317	66,527	66,488	—	273,937	75,097	71,308	66,990	60,542	—
Wyoming	7,981	8,230	8,270	10	31,727	8,612	8,366	7,615	7,129	5
Outlying areas										
American Samoa	1,035	1,010	912	—	3,420	1,004	876	731	739	70
Guam	2,502	2,341	2,370	8	8,176	3,285	2,133	1,500	1,258	—
Northern Marianas	662	637	580	—	1,964	617	487	497	363	—
Puerto Rico	48,425	50,640	47,449	9,623	164,729	45,691	44,692	37,755	32,361	4,230
Virgin Islands	1,642	1,959	1,517	709	6,682	2,429	1,204	1,402	1,063	584

¹ Data include imputations for nonrespondents.² Includes imputations for underreporting.³ Data imputed by the National Center for Education Statistics based on previous year's data.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 1998.)

Table 42.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1995

State or other area	Total, all levels	Prekindergarten through grade 8 and elementary unclassified							
		Total	Prekin- der- garten ¹	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
1	2	3	4	5	6	7	8	9	10
United States	44,840,481	32,340,501	636,846	3,536,227	3,670,903	3,507,022	3,444,740	3,430,583	3,437,943
Alabama	746,149	539,309	² 9,324	59,739	61,694	57,452	57,732	56,486	57,142
Alaska	127,618	93,434	2,419	10,567	10,444	10,352	10,030	10,222	10,112
Arizona	743,566	548,526	4,027	61,420	64,215	61,418	59,828	60,202	59,894
Arkansas	453,257	322,440	1,525	36,731	36,369	34,257	33,621	33,955	34,875
California	5,536,406	4,041,224	² 69,182	472,334	466,167	453,020	435,380	428,553	424,838
Colorado	656,279	478,881	10,472	50,316	52,767	51,786	52,030	52,783	52,646
Connecticut	517,935	384,274	8,093	44,148	45,969	43,030	42,010	41,365	40,650
Delaware	108,461	77,028	670	7,775	8,579	8,721	8,425	8,527	8,362
District of Columbia ...	79,802	61,836	5,387	7,736	7,931	6,533	6,063	5,852	5,332
Florida	2,176,222	1,613,510	51,123	176,767	180,182	175,891	172,039	173,169	175,358
Georgia	1,311,126	965,707	22,621	111,462	110,955	105,752	103,936	103,072	102,516
Hawaii	187,180	135,671	609	16,562	16,013	15,546	15,106	14,867	14,489
Idaho	243,097	169,556	1,665	17,750	18,260	18,285	17,952	17,640	18,626
Illinois	1,943,623	1,390,475	45,947	151,485	154,534	149,128	142,500	142,660	142,836
Indiana	977,263	684,348	4,901	73,833	80,279	74,964	71,585	72,356	73,101
Iowa	502,343	343,997	5,957	37,629	36,107	35,029	34,884	36,431	37,204
Kansas	463,008	328,701	3,209	33,925	35,538	35,037	35,100	36,004	36,596
Kentucky	659,821	468,242	20,290	45,038	47,250	45,845	56,613	46,834	48,572
Louisiana	797,366	580,348	19,440	61,323	63,719	59,414	59,552	61,315	61,232
Maine	213,569	156,016	821	16,826	17,250	17,003	16,568	17,419	17,397
Maryland	805,544	590,155	19,092	63,232	67,348	65,055	63,940	62,207	61,814
Massachusetts	915,007	674,588	14,792	79,163	79,565	75,647	73,380	71,800	71,606
Michigan	1,641,456	1,191,671	8,870	141,238	134,513	125,809	124,197	122,266	123,894
Minnesota	835,166	586,080	8,340	63,896	63,268	62,511	62,564	64,545	65,191
Mississippi	506,272	366,186	1,083	39,632	42,510	39,015	37,304	38,004	38,332
Missouri	889,881	635,771	16,225	68,513	69,659	67,080	66,928	68,159	68,889
Montana	165,547	116,403	519	12,214	12,519	12,279	12,535	12,899	13,200
Nebraska	289,744	203,022	3,853	22,282	21,748	21,082	21,210	21,886	22,351
Nevada	265,041	195,892	1,631	22,074	23,301	22,368	21,752	21,784	21,253
New Hampshire	194,171	141,721	1,357	8,859	17,973	16,601	16,566	16,275	16,480
New Jersey	1,197,381	880,350	9,301	93,978	102,521	95,581	91,352	88,686	86,889
New Mexico	329,640	229,239	3,426	24,329	26,152	24,703	24,395	24,200	24,407
New York	2,813,230	1,980,208	32,087	216,112	231,136	218,744	209,174	203,089	200,446
North Carolina	1,183,090	871,320	9,013	100,525	101,945	96,229	92,552	90,795	90,445
North Dakota	119,100	82,333	551	8,573	8,824	8,678	8,590	9,017	9,201
Ohio	1,836,015	1,297,313	18,997	141,589	148,354	140,090	138,135	138,942	140,465
Oklahoma	616,393	445,780	5,470	48,635	54,178	46,642	46,456	47,407	48,073
Oregon	527,914	375,966	855	39,875	41,952	40,802	40,790	41,721	42,083
Pennsylvania	1,787,533	1,256,621	3,502	134,584	146,077	139,562	136,887	137,850	135,565
Rhode Island	149,799	109,815	531	10,947	13,868	12,343	12,053	11,596	11,439
South Carolina	645,586	463,305	² 8,067	39,964	55,944	51,837	50,451	50,860	51,338
South Dakota	144,685	101,491	1,475	10,609	10,700	10,365	10,675	10,937	11,234
Tennessee	893,770	650,601	² 11,168	73,962	76,015	69,266	67,326	67,705	67,859
Texas	3,748,167	2,757,273	133,754	281,708	303,928	294,298	291,993	292,191	293,834
Utah	477,121	327,790	3,455	34,645	34,857	34,782	33,937	34,598	34,976
Vermont	105,565	75,227	1,111	7,953	8,371	8,067	8,200	8,287	8,327
Virginia	1,079,854	787,945	3,111	87,618	89,183	83,414	82,713	82,797	83,955
Washington	956,572	680,009	5,984	73,581	75,721	73,810	73,888	75,186	75,599
West Virginia	307,112	211,008	3,499	22,577	22,875	21,610	21,991	22,178	22,478
Wisconsin	870,175	602,964	18,045	62,859	64,574	63,141	64,541	65,427	66,577
Wyoming	99,859	68,931	—	7,135	7,102	7,148	7,311	7,577	7,965
Outlying areas									
American Samoa	14,576	11,207	1,458	1,162	1,189	1,142	1,181	1,089	1,052
Guam	32,960	24,877	962	2,961	2,994	2,856	2,739	2,722	2,549
Northern Marianas	8,809	6,825	560	598	781	781	805	683	667
Puerto Rico	627,620	460,585	255	44,566	54,545	50,423	49,531	49,762	49,863
Virgin Islands	22,737	16,342	—	1,638	1,647	1,654	1,717	1,655	1,712

Table 42.—Enrollment in public elementary and secondary schools, by grade and state: Fall 1995—Continued

State or other area	Prekindergarten through grade 8 and elementary unclassified				Grades 9 through 12 and secondary unclassified					
	Grade 6	Grade 7	Grade 8	Elementary unclassified	Total	Grade 9	Grade 10	Grade 11	Grade 12	Secondary unclassified
1	11	12	13	14	15	16	17	18	19	20
United States	3,395,307	3,422,290	3,356,338	502,302	12,499,980	3,704,455	3,237,391	2,826,023	2,487,135	244,976
Alabama	58,704	61,122	59,914	—	206,840	65,299	53,780	46,780	40,981	—
Alaska	9,870	9,845	9,573	—	34,184	10,263	9,045	7,765	7,111	—
Arizona	58,281	58,829	56,407	4,005	195,040	59,346	52,654	43,547	39,197	296
Arkansas	35,104	37,023	36,696	2,284	130,817	37,005	35,209	30,566	27,083	954
California	413,776	409,978	399,039	68,957	1,495,182	437,974	396,020	343,419	287,428	30,341
Colorado	51,856	52,282	51,180	763	177,398	52,472	47,128	41,751	35,480	567
Connecticut	39,468	38,253	37,320	3,968	133,661	39,380	34,797	31,198	28,282	4
Delaware	8,520	8,883	8,566	—	31,433	10,112	8,325	6,785	6,211	—
District of Columbia ...	4,980	5,052	4,749	2,221	17,966	5,159	4,896	3,700	2,972	1,239
Florida	174,079	171,381	163,521	—	562,712	182,980	154,030	126,183	99,519	—
Georgia	103,015	102,287	100,091	—	345,419	117,429	90,117	74,137	63,736	—
Hawaii	14,617	14,022	13,793	47	51,509	16,277	13,274	11,442	10,478	38
Idaho	19,392	19,857	20,129	—	73,541	20,195	19,349	17,904	16,093	—
Illinois	138,679	133,484	132,678	56,544	553,148	149,289	139,115	122,384	107,244	35,116
Indiana	74,734	77,279	78,278	3,038	292,915	83,436	76,232	67,902	62,659	2,686
Iowa	37,117	38,833	38,715	6,091	158,346	41,385	39,680	36,861	34,565	5,855
Kansas	36,534	37,317	36,782	2,659	134,307	38,484	35,290	31,064	28,491	978
Kentucky	49,131	51,000	50,091	7,578	191,579	56,572	49,429	43,614	38,797	3,167
Louisiana	60,647	62,873	57,918	12,915	217,018	68,655	55,225	47,422	40,663	5,053
Maine	17,280	17,206	16,771	1,475	57,553	16,007	14,636	13,773	12,670	467
Maryland	61,099	60,747	58,835	6,786	215,389	64,468	54,286	47,345	42,974	6,316
Massachusetts	69,122	67,176	65,724	6,613	240,419	68,623	62,856	57,029	51,911	—
Michigan	120,347	120,121	118,996	51,420	449,785	129,820	112,588	99,551	87,840	19,986
Minnesota	64,439	65,677	65,649	—	249,086	67,226	64,478	59,589	57,793	—
Mississippi	38,737	41,223	39,809	10,537	140,086	43,241	35,552	28,587	25,741	6,965
Missouri	67,847	69,368	66,493	6,610	254,110	72,575	66,804	59,378	52,939	2,414
Montana	13,153	13,407	13,342	336	49,144	13,921	12,569	11,635	10,897	122
Nebraska	22,777	22,817	23,016	—	86,722	23,813	23,184	20,450	19,275	—
Nevada	20,616	20,449	19,970	694	69,149	19,661	18,773	16,553	14,143	19
New Hampshire	15,805	15,798	15,487	520	52,450	15,420	13,597	12,387	10,996	50
New Jersey	84,950	83,920	81,997	61,175	317,031	84,649	76,042	70,493	65,647	20,200
New Mexico	25,300	26,434	25,893	—	100,401	29,164	24,981	20,195	17,078	8,983
New York	197,470	199,440	194,347	78,163	833,022	235,320	205,305	178,043	142,841	71,513
North Carolina	88,925	89,747	88,056	23,088	311,770	100,505	82,512	69,100	59,653	—
North Dakota	9,270	9,770	9,859	—	36,767	9,927	9,377	8,950	8,513	—
Ohio	137,737	141,979	142,469	8,556	538,702	159,777	138,771	125,275	114,879	—
Oklahoma	48,683	49,709	49,012	1,515	170,613	49,992	45,289	38,997	35,733	602
Oregon	41,735	42,449	42,141	1,563	151,948	42,438	39,326	36,420	33,202	562
Pennsylvania	133,770	137,376	136,069	15,379	530,912	150,460	134,653	121,885	111,050	12,864
Rhode Island	11,586	11,515	11,032	2,905	39,984	11,922	10,530	9,113	8,263	156
South Carolina	51,322	52,214	51,308	—	182,281	60,808	48,165	38,508	34,800	—
South Dakota	11,143	11,583	11,654	1,116	43,194	12,176	11,388	10,090	9,116	424
Tennessee	66,227	68,309	66,513	16,251	243,169	74,398	64,144	55,308	49,319	—
Texas	288,502	292,190	284,875	—	990,894	335,819	255,132	213,714	186,229	—
Utah	35,877	36,693	38,090	5,880	149,331	37,941	38,485	36,487	32,006	4,412
Vermont	8,553	8,352	8,006	—	30,338	8,125	7,465	6,909	6,507	1,332
Virginia	82,996	81,619	81,254	29,285	291,909	86,779	76,045	66,764	62,204	117
Washington	75,313	75,875	75,052	—	276,563	78,514	73,402	65,035	59,612	—
West Virginia	22,825	24,521	25,089	1,365	96,104	26,261	24,769	22,052	21,844	1,178
Wisconsin	65,289	66,723	65,788	—	267,211	74,700	70,262	64,458	57,791	—
Wyoming	8,108	8,283	8,302	—	30,928	8,293	8,430	7,526	6,679	—
Outlying areas										
American Samoa	1,042	941	951	—	3,369	915	837	796	756	65
Guam	2,384	2,342	2,368	—	8,083	2,862	2,122	1,666	1,433	—
Northern Marianas	642	712	596	—	1,984	575	536	406	467	—
Puerto Rico	47,978	51,731	48,934	12,997	167,035	45,673	44,939	38,184	32,535	5,704
Virgin Islands	1,577	2,285	1,607	850	6,395	1,774	1,629	1,251	1,102	639

¹ Data include imputations for nonrespondents.

² Includes imputations for underreporting.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared April 1997.)

Table 43.—Enrollment in public elementary and secondary schools, by grade: Fall 1982 to fall 1996

Grade	Fall 1982	Fall 1983	Fall 1984	Fall 1985	Fall 1986	Fall 1987	Fall 1988	Fall 1989	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
In thousands															
All grades	39,566	39,252	39,208	39,422	39,753	40,008	40,189	40,543	41,217	42,047	42,823	43,465	44,111	44,840	45,592
Elementary	27,161	26,981	26,905	27,034	27,420	27,933	28,501	29,152	29,878	30,506	31,088	31,504	31,898	32,341	32,759
Prekindergarten	106	105	109	151	183	193	225	262	303	375	505	545	603	637	674
Kindergarten	2,740	2,754	2,900	3,041	3,127	3,196	3,208	3,225	3,306	3,311	3,313	3,377	3,444	3,536	3,534
1st grade	2,937	3,080	3,113	3,239	3,358	3,407	3,460	3,485	3,499	3,556	3,542	3,529	3,593	3,671	3,769
2nd grade	2,790	2,781	2,904	2,941	3,054	3,173	3,223	3,289	3,327	3,360	3,431	3,429	3,440	3,507	3,596
3rd grade	2,763	2,772	2,765	2,895	2,933	3,046	3,167	3,235	3,297	3,334	3,361	3,437	3,439	3,445	3,518
4th grade	2,798	2,758	2,772	2,771	2,896	2,938	3,051	3,182	3,248	3,315	3,342	3,361	3,426	3,431	3,447
5th grade	2,912	2,798	2,761	2,776	2,775	2,901	2,945	3,067	3,197	3,268	3,325	3,350	3,372	3,438	3,447
6th grade	3,142	2,928	2,831	2,789	2,806	2,811	2,937	2,987	3,110	3,239	3,303	3,356	3,381	3,395	3,486
7th grade	3,288	3,247	3,036	2,938	2,899	2,910	2,905	3,027	3,067	3,181	3,299	3,355	3,404	3,422	3,457
8th grade	3,123	3,222	3,186	2,982	2,870	2,839	2,853	2,853	2,979	3,020	3,129	3,249	3,302	3,356	3,398
Elementary ungraded	563	535	528	511	520	520	527	540	543	545	539	515	494	502	434
Secondary	12,405	12,271	12,304	12,388	12,333	12,076	11,687	11,390	11,338	11,541	11,735	11,961	12,213	12,500	12,834
9th grade	3,248	3,330	3,440	3,439	3,256	3,143	3,106	3,141	3,169	3,313	3,352	3,487	3,604	3,704	3,793
10th grade	3,137	3,103	3,145	3,230	3,215	3,020	2,895	2,868	2,896	2,915	3,027	3,050	3,131	3,237	3,316
11th grade	2,917	2,861	2,819	2,866	2,954	2,936	2,749	2,629	2,612	2,645	2,656	2,751	2,748	2,826	2,925
12th grade	2,787	2,678	2,599	2,550	2,601	2,681	2,650	2,473	2,381	2,392	2,431	2,424	2,488	2,487	2,582
Secondary ungraded	315	299	300	303	308	296	288	279	282	275	269	248	242	245	218
Percent															
All grades	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
Elementary	68.6	68.7	68.6	68.6	69.0	69.8	70.9	71.9	72.5	72.6	72.6	72.5	72.3	72.1	71.9
Prekindergarten	0.3	0.3	0.3	0.4	0.5	0.5	0.6	0.6	0.7	0.9	1.2	1.3	1.4	1.4	1.5
Kindergarten	6.9	7.0	7.4	7.7	7.9	8.0	8.0	8.0	8.0	7.9	7.7	7.8	7.8	7.9	7.8
1st grade	7.4	7.8	7.9	8.2	8.4	8.5	8.6	8.6	8.5	8.5	8.3	8.1	8.1	8.2	8.3
2nd grade	7.1	7.1	7.4	7.5	7.7	7.9	8.0	8.1	8.1	8.0	8.0	7.9	7.8	7.8	7.9
3rd grade	7.0	7.1	7.1	7.3	7.4	7.6	7.9	8.0	8.0	7.9	7.8	7.9	7.8	7.7	7.7
4th grade	7.1	7.0	7.1	7.0	7.3	7.3	7.6	7.8	7.9	7.9	7.8	7.7	7.8	7.7	7.6
5th grade	7.4	7.1	7.0	7.0	7.0	7.2	7.3	7.6	7.8	7.8	7.8	7.7	7.6	7.7	7.6
6th grade	7.9	7.5	7.2	7.1	7.1	7.0	7.3	7.4	7.5	7.7	7.7	7.7	7.7	7.6	7.6
7th grade	8.3	8.3	7.7	7.5	7.3	7.3	7.2	7.5	7.4	7.6	7.7	7.7	7.7	7.6	7.6
8th grade	7.9	8.2	8.1	7.6	7.2	7.1	7.1	7.0	7.2	7.2	7.3	7.5	7.5	7.5	7.5
Elementary ungraded	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1	1.1	1.0
Secondary	31.4	31.3	31.4	31.4	31.0	30.2	29.1	28.1	27.5	27.4	27.4	27.5	27.7	27.9	28.1
9th grade	8.2	8.5	8.8	8.7	8.2	7.9	7.7	7.7	7.7	7.9	7.8	8.0	8.2	8.3	8.3
10th grade	7.9	7.9	8.0	8.2	8.1	7.5	7.2	7.1	7.0	6.9	7.1	7.0	7.1	7.2	7.3
11th grade	7.4	7.3	7.2	7.3	7.4	7.3	6.8	6.5	6.3	6.3	6.2	6.3	6.2	6.3	6.4
12th grade	7.0	6.8	6.6	6.5	6.5	6.7	6.6	6.1	5.8	5.7	5.7	5.6	5.6	5.5	5.7
Secondary ungraded	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.5	0.5	0.5

NOTE.—Because of changes in reporting practices and imputation of data for non-respondents in later years, data for prekindergarten enrollment are not comparable over time. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary School Systems*; and Common Core of Data surveys. (This table was prepared May 1998.)

**Table 44.—Average daily attendance in public elementary and secondary schools, by state:
1969–70 to 1995–96**

State or other area	1969–70	1979–80	1980–81	1985–86	1989–90	1990–91	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10
United States	41,934,376	38,288,911	37,703,744	36,523,103	37,799,296	38,426,543	40,146,393	40,720,763	41,501,596
Alabama	777,123	711,432	701,925	686,716	683,833	682,524	696,071	687,047	687,076
Alaska	72,489	79,945	83,745	98,535	98,213	102,585	112,869	113,874	115,958
Arizona	391,526	481,905	476,149	494,504	557,252	573,140	631,450	658,084	684,740
Arkansas	414,158	423,610	417,080	408,601	403,025	408,145	416,479	420,229	423,520
California ¹	4,418,423	4,044,736	4,014,917	4,245,090	4,893,341	5,065,647	5,108,907	5,198,308	5,351,475
Colorado	500,388	513,475	508,750	507,876	519,419	521,899	579,682	594,019	608,633
Connecticut	618,881	507,362	501,085	452,058	439,524	450,808	465,487	481,742	495,188
Delaware	120,819	94,058	89,609	84,936	89,838	91,052	97,247	98,793	99,941
District of Columbia ...	138,600	91,576	85,773	76,241	71,468	69,092	70,079	71,446	71,001
Florida	1,312,693	1,464,461	1,389,487	1,442,921	1,646,583	1,714,394	1,873,199	1,927,172	1,947,777
Georgia	1,019,427	989,433	988,612	1,004,799	1,054,097	1,075,728	1,148,319	1,181,724	1,232,852
Hawaii	168,140	151,563	151,713	151,174	157,360	160,193	169,779	169,254	171,977
Idaho	170,920	189,199	190,144	198,141	203,987	209,085	223,489	225,986	228,371
Illinois	2,084,844	1,770,435	1,765,357	1,604,265	1,587,733	1,618,101	1,709,915	1,734,175	1,750,417
Indiana	1,111,043	983,444	944,424	870,463	884,568	888,177	899,585	900,017	909,553
Iowa	624,403	510,081	501,403	454,341	450,224	456,614	477,916	478,285	477,053
Kansas	470,296	382,019	374,451	371,655	388,986	397,609	410,862	413,699	416,674
Kentucky	647,970	619,868	614,676	577,190	569,795	569,713	578,020	572,952	571,934
Louisiana	776,555	727,601	715,844	732,230	727,125	720,551	732,202	730,148	710,925
Maine	225,146	211,400	207,554	198,358	195,089	196,229	199,125	199,387	200,700
Maryland	785,989	686,336	664,866	592,383	620,617	637,370	687,455	701,594	719,433
Massachusetts	1,056,207	935,960	950,675	745,991	763,231	770,802	810,028	831,918	845,270
Michigan	1,991,235	1,758,427	1,711,139	1,481,068	1,446,996	1,452,700	1,474,413	1,492,653	1,554,358
Minnesota	864,595	748,606	710,836	669,385	699,001	714,072	756,725	770,549	786,241
Mississippi	524,623	454,401	446,515	448,117	476,048	474,029	471,367	470,974	470,657
Missouri	906,132	777,269	756,536	714,230	729,693	733,680	778,605	794,177	805,404
Montana	162,664	144,608	141,641	138,829	135,406	138,341	146,849	148,325	148,616
Nebraska	314,516	270,524	263,797	250,975	254,754	257,587	267,931	268,732	270,938
Nevada	113,421	134,995	138,481	143,941	173,149	185,755	217,681	229,862	243,718
New Hampshire	140,203	154,187	150,316	147,561	154,915	156,579	175,968	179,892	187,067
New Jersey	1,322,124	1,140,111	1,121,272	1,029,797	997,561	1,016,159	1,079,653	1,102,565	1,125,877
New Mexico	259,997	253,453	240,496	252,892	290,245	291,215	310,610	314,822	330,851
New York	3,099,192	2,530,289	2,475,055	2,276,842	2,244,110	2,278,531	2,404,426	2,388,973	2,463,349
North Carolina	1,104,295	1,072,150	1,055,651	1,014,795	1,012,274	1,012,613	1,051,295	1,071,640	1,096,812
North Dakota	141,961	118,986	111,759	108,947	109,659	109,691	111,770	111,502	111,870
Ohio	2,246,282	1,849,283	1,801,914	1,660,718	1,584,735	1,603,025	1,609,855	1,627,984	1,661,014
Oklahoma	560,993	548,065	542,800	553,370	543,170	548,387	566,155	570,381	574,538
Oregon	436,736	418,593	417,009	401,476	419,771	431,806	455,492	458,107	462,108
Pennsylvania	2,169,225	1,808,630	1,754,782	1,560,746	1,524,839	1,542,077	1,609,125	1,629,877	1,651,741
Rhode Island	163,205	139,195	135,096	122,109	125,934	129,856	135,016	136,229	137,870
South Carolina	600,292	569,612	580,132	558,716	569,029	573,138	586,178	608,699	605,526
South Dakota	158,543	124,934	121,663	118,269	119,823	121,403	127,550	128,335	127,754
Tennessee	836,010	806,696	797,237	762,225	761,766	767,738	796,744	806,895	819,831
Texas	2,432,420	2,608,817	2,647,288	2,923,741	3,075,333	3,085,648	3,306,297	3,364,830	3,435,010
Utah	287,405	312,813	323,048	379,249	408,917	417,609	439,484	442,617	444,679
Vermont	97,772	95,045	90,884	85,875	87,832	88,901	97,550	98,608	100,166
Virginia	995,580	955,105	938,794	904,347	989,197	1,011,513	1,065,071	1,079,496	1,098,862
Washington	764,735	710,929	704,655	696,372	755,141	781,371	850,813	870,163	888,142
West Virginia	372,278	353,264	351,823	330,145	301,947	300,067	291,238	287,937	285,548
Wisconsin	880,609	770,554	743,505	694,351	711,466	731,088	769,717	782,395	799,391
Wyoming	81,293	89,471	91,381	95,547	91,277	92,506	94,650	93,691	93,190
Outlying areas									
American Samoa	—	—	—	10,816	11,448	12,272	14,094	14,000	14,074
Guam	20,315	—	22,343	23,220	23,883	25,330	31,711	31,779	31,998
Northern Marianas ...	—	—	—	4,921	6,809	6,062	7,278	7,351	7,511
Puerto Rico	—	656,709	671,661	636,268	597,436	597,418	588,484	547,561	548,788
Virgin Islands	—	—	23,312	23,811	18,924	19,984	20,381	20,339	19,867

¹ Data for California are not strictly comparable with those for other states because California's attendance figures through 1990–91 include excused absences.
—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education; Statistics of State School Systems*; and Common Core of Data survey. (This table was prepared May 1998.)

**Table 45.—Enrollment in public elementary and secondary schools, by race or ethnicity and state:
Fall 1986 and fall 1996**

State or other area	Percent distribution, fall 1986						Percent distribution, fall 1996					
	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12	13
United States²	100.0	70.4	16.1	9.9	2.8	0.9	100.0	64.2	16.9	14.0	3.8	1.1
Alabama	100.0	62.0	37.0	0.1	0.4	0.5	100.0	61.5	36.4	0.7	0.6	0.7
Alaska	100.0	65.7	4.3	1.7	3.3	25.1	100.0	63.1	4.7	2.9	4.5	24.8
Arizona	100.0	62.2	4.0	26.4	1.3	6.1	100.0	56.6	4.3	30.1	1.8	7.2
Arkansas	100.0	74.7	24.2	0.4	0.6	0.2	100.0	73.5	23.5	1.8	0.7	0.4
California	100.0	53.7	9.0	27.5	9.1	0.7	100.0	39.5	8.7	39.7	11.2	0.9
Colorado	100.0	78.7	4.5	13.7	2.0	1.0	100.0	72.0	5.5	18.8	2.6	1.1
Connecticut	100.0	77.2	12.1	8.9	1.5	0.2	100.0	71.7	13.6	11.9	2.5	0.3
Delaware	100.0	68.3	27.7	2.5	1.4	0.2	100.0	63.9	29.9	4.3	1.8	0.2
District of Columbia	100.0	4.0	91.1	3.9	0.9	0.1	100.0	4.0	87.3	7.2	1.4	0.1
Florida	100.0	65.4	23.7	9.5	1.2	0.2	100.0	56.7	25.4	15.9	1.8	0.2
Georgia	100.0	60.7	37.9	0.6	0.8	(³)	100.0	57.9	37.6	2.6	1.7	0.1
Hawaii	100.0	23.5	2.3	2.2	71.7	0.3	100.0	25.0	3.3	4.9	66.4	0.4
Idaho	100.0	92.6	0.3	4.9	0.8	1.3	100.0	88.0	0.7	8.9	1.2	1.3
Illinois	100.0	69.8	18.7	9.2	2.3	0.1	100.0	62.8	21.2	12.8	3.1	0.1
Indiana	100.0	88.7	9.0	1.7	0.5	0.1	100.0	85.4	11.2	2.4	0.8	0.2
Iowa	100.0	94.6	3.0	0.9	1.2	0.3	100.0	92.2	3.4	2.4	1.6	0.5
Kansas	100.0	85.6	7.6	4.4	1.9	0.6	100.0	81.9	8.6	6.5	1.9	1.1
Kentucky	100.0	89.2	10.2	0.1	0.5	(³)	100.0	88.9	9.9	0.5	0.6	0.1
Louisiana	100.0	56.5	41.3	0.8	1.1	0.3	100.0	50.6	46.4	1.2	1.3	0.6
Maine	100.0	98.3	0.5	0.2	0.8	0.2	100.0	97.2	0.9	0.4	0.9	0.6
Maryland	100.0	59.7	35.3	1.7	3.1	0.2	100.0	56.7	35.6	3.5	3.9	0.3
Massachusetts	100.0	83.7	7.4	6.0	2.8	0.1	100.0	77.9	8.4	9.6	4.0	0.2
Michigan	100.0	76.4	19.8	1.8	1.2	0.8	100.0	75.8	18.8	2.8	1.5	1.0
Minnesota	100.0	93.9	2.1	0.9	1.7	1.5	100.0	86.5	5.2	2.2	4.1	1.9
Mississippi	100.0	43.9	55.5	0.1	0.4	0.1	100.0	47.9	51.0	0.4	0.6	0.2
Missouri	100.0	83.4	14.9	0.7	0.8	0.2	100.0	81.1	16.5	1.1	1.0	0.3
Montana	100.0	92.7	0.3	0.9	0.5	5.5	100.0	87.2	0.6	1.5	0.8	9.9
Nebraska	100.0	91.4	4.4	2.4	0.8	1.0	100.0	86.4	6.0	4.9	1.3	1.4
Nevada	100.0	77.4	9.6	7.5	3.2	2.3	100.0	65.1	9.6	18.8	4.6	1.9
New Hampshire	100.0	98.0	0.7	0.5	0.8	0.1	100.0	96.4	1.0	1.3	1.1	0.2
New Jersey	100.0	69.1	17.4	10.7	2.7	0.1	—	—	—	—	—	—
New Mexico	100.0	43.1	2.3	45.1	0.8	8.7	100.0	38.8	2.4	47.7	1.0	10.2
New York	100.0	68.4	16.5	12.3	2.7	0.2	100.0	56.3	20.3	17.6	5.2	0.5
North Carolina	100.0	68.4	28.9	0.4	0.6	1.7	100.0	63.9	30.8	2.3	1.5	1.5
North Dakota	100.0	92.4	0.6	1.1	0.8	5.0	100.0	89.1	0.9	1.1	0.7	8.1
Ohio	100.0	83.1	15.0	1.0	0.7	0.1	100.0	82.0	15.4	1.4	1.0	0.1
Oklahoma	100.0	79.0	7.8	1.6	1.0	10.6	100.0	68.8	10.5	4.3	1.3	15.1
Oregon	100.0	89.8	2.2	3.9	2.4	1.7	100.0	84.6	2.6	7.4	3.4	2.0
Pennsylvania	100.0	84.4	12.6	1.8	1.2	0.1	100.0	80.2	14.2	3.7	1.8	0.1
Rhode Island	100.0	87.9	5.6	3.7	2.4	0.3	100.0	78.3	7.3	10.7	3.3	0.5
South Carolina	100.0	54.6	44.5	0.2	0.6	0.1	100.0	56.0	42.2	0.8	0.8	0.2
South Dakota	100.0	90.6	0.5	0.6	0.7	7.6	100.0	83.7	1.0	0.8	0.8	13.8
Tennessee	100.0	76.5	22.6	0.2	0.6	(³)	100.0	74.6	23.4	0.9	1.0	0.1
Texas	100.0	51.0	14.4	32.5	2.0	0.2	100.0	45.6	14.3	37.4	2.4	0.3
Utah	100.0	93.7	0.4	3.0	1.5	1.5	100.0	89.5	0.7	6.0	2.4	1.5
Vermont	100.0	98.4	0.3	0.2	0.6	0.6	100.0	97.3	0.8	0.4	1.0	0.6
Virginia	100.0	72.6	23.7	1.0	2.6	0.1	100.0	67.7	25.5	3.3	3.4	0.2
Washington	100.0	84.5	4.2	3.8	5.1	2.3	100.0	77.5	4.8	8.3	6.7	2.7
West Virginia	100.0	95.9	3.7	0.1	0.3	(³)	100.0	95.2	4.0	0.5	0.3	0.1
Wisconsin	100.0	86.6	8.9	1.9	1.7	1.0	100.0	82.6	9.6	3.5	2.9	1.3
Wyoming	100.0	90.7	0.9	5.9	0.6	1.9	100.0	89.0	1.2	6.2	0.8	2.8
Outlying areas												
American Samoa	—	—	—	—	—	—	100.0	—	—	—	100.0	—
Guam	—	—	—	—	—	—	100.0	5.3	1.2	0.9	92.6	0.1
Northern Marianas	—	—	—	—	—	—	100.0	0.8	—	0.0	99.2	—
Puerto Rico	—	—	—	—	—	—	100.0	—	—	100.0	—	—
Virgin Islands	—	—	—	—	—	—	100.0	1.1	84.6	14.0	0.2	—

¹ Excludes persons of Hispanic origin.² U.S. totals for 1996 include estimate for New Jersey.³ Less than 0.05 percent.

—Data not available.

SOURCE: U.S. Department of Education, Office for Civil Rights, *1986 State Summaries of Elementary and Secondary School Civil Rights Survey*; and National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 1998.)

NOTE.—The 1986–87 data were derived from the 1986 Elementary and Secondary School Civil Rights sample survey of public school districts. Because of rounding, details may not add to totals.

Table 46.—Enrollment of 3-, 4-, and 5-year-old children in preprimary programs, by level and control of program and by attendance status: October 1965 to October 1997

[In thousands]

Year and age	Total population, 3 to 5 years old	Enrollment by level and control						Enrollment by attendance		
		Total	Percent enrolled	Nursery school		Kindergarten		Full-day	Part-day	Percent full-day
				Public	Private	Public	Private			
1	2	3	4	5	6	7	8	9	10	11
Total, 3 to 5 years old										
1965	12,549	3,407	27.1	127	393	2,291	596	—	—	—
1970	10,949	4,104	37.5	332	762	2,498	511	698	3,405	17.0
1975	10,185	4,955	48.7	570	1,174	2,682	528	1,295	3,659	26.1
1980	9,284	4,878	52.5	628	1,353	2,438	459	1,551	3,327	31.8
1985	10,733	5,865	54.6	846	1,631	2,847	541	2,144	3,722	36.6
1986	10,866	5,971	55.0	829	1,715	2,859	567	2,241	3,730	37.5
1987	10,872	5,931	54.6	819	1,736	2,842	534	2,090	3,841	35.2
1988	10,993	5,978	54.4	851	1,770	2,875	481	2,044	3,935	34.2
1989	11,039	6,026	54.6	930	1,894	2,704	497	2,238	3,789	37.1
1990	11,207	6,659	59.4	1,199	2,180	2,772	509	2,577	4,082	38.7
1991	11,370	6,334	55.7	996	1,828	2,967	543	2,408	3,926	38.0
1992	11,545	6,402	55.5	1,073	1,783	2,995	550	2,410	3,992	37.6
1993	11,954	6,581	55.1	1,205	1,779	3,020	577	2,642	3,939	40.1
1994 ¹	12,328	7,514	61.0	1,848	2,314	2,819	534	3,468	4,046	46.2
1995 ¹	12,518	7,739	61.8	1,950	2,381	2,800	608	3,689	4,051	47.7
1996 ¹	12,378	7,580	61.2	1,830	2,317	2,853	580	3,562	4,019	47.0
1997 ¹	12,121	7,860	64.9	2,207	2,231	2,847	575	3,922	3,939	49.9
3 years old										
1965	4,149	203	4.9	41	153	5	4	—	—	—
1970	3,516	454	12.9	110	322	12	10	142	312	31.3
1975	3,177	683	21.5	179	474	11	18	259	423	37.9
1980	3,143	857	27.3	221	604	16	17	321	536	37.5
1985	3,594	1,035	28.8	278	679	52	26	350	685	33.8
1986	3,607	1,041	28.9	257	737	26	21	399	642	38.3
1987	3,569	1,022	28.6	264	703	24	31	378	644	37.0
1988	3,719	1,027	27.6	298	678	24	26	369	658	35.9
1989	3,713	1,005	27.1	277	707	3	18	390	615	38.8
1990	3,692	1,205	32.6	347	840	11	7	447	758	37.1
1991	3,811	1,074	28.2	313	702	38	22	388	687	36.1
1992	3,905	1,081	27.7	336	685	26	34	371	711	34.3
1993	4,053	1,097	27.1	369	687	20	20	426	670	38.9
1994 ¹	4,081	1,385	33.9	469	887	19	9	670	715	48.4
1995 ¹	4,148	1,489	35.9	511	947	15	17	754	736	50.6
1996 ¹	4,045	1,506	37.2	511	947	22	26	657	848	43.7
1997 ¹	3,947	1,528	38.7	643	843	25	18	754	774	49.4
4 years old										
1965	4,238	683	16.1	68	213	284	118	—	—	—
1970	3,620	1,007	27.8	176	395	318	117	230	776	22.8
1975	3,499	1,418	40.5	332	644	313	129	411	1,008	29.0
1980	3,072	1,423	46.3	363	701	239	120	467	956	32.8
1985	3,598	1,766	49.1	496	859	276	135	643	1,123	36.4
1986	3,616	1,772	49.0	498	903	257	115	622	1,150	35.1
1987	3,597	1,717	47.7	431	881	280	125	548	1,169	31.9
1988	3,598	1,768	49.1	481	922	261	124	519	1,249	29.4
1989	3,692	1,882	51.0	524	1,055	202	100	592	1,290	31.4
1990	3,723	2,087	56.1	695	1,144	157	91	716	1,371	34.3
1991	3,763	1,994	53.0	584	982	287	140	667	1,326	33.5
1992	3,807	1,982	52.1	602	971	282	126	632	1,350	31.9
1993	4,044	2,178	53.9	719	957	349	154	765	1,413	35.1
1994 ¹	4,202	2,532	60.3	1,020	1,232	198	82	1,095	1,438	43.2
1995 ¹	4,145	2,553	61.6	1,054	1,208	207	84	1,104	1,449	43.3
1996 ¹	4,148	2,454	59.2	1,029	1,168	180	77	1,034	1,420	42.1
1997 ¹	4,033	2,665	66.1	1,197	1,169	207	92	1,161	1,505	43.5
5 years old										
1965	4,162	2,521	60.6	18	27	2,002	474	—	—	—
1970	3,814	2,643	69.3	45	45	2,168	384	326	2,317	12.3
1975	3,509	2,854	81.3	59	57	2,358	381	625	2,228	21.9
1980	3,069	2,598	84.7	44	48	2,183	322	763	1,835	29.4
1985	3,542	3,065	86.5	73	94	2,519	379	1,151	1,914	37.6
1986	3,643	3,157	86.7	75	75	2,576	432	1,220	1,937	38.6
1987	3,706	3,192	86.1	124	152	2,538	378	1,163	2,028	36.4
1988	3,676	3,184	86.6	72	170	2,590	351	1,155	2,028	36.3
1989	3,633	3,139	86.4	129	132	2,499	378	1,255	1,883	40.0
1990	3,792	3,367	88.8	157	196	2,604	411	1,414	1,953	42.0
1991	3,796	3,267	86.0	100	143	2,642	382	1,354	1,913	41.4
1992	3,832	3,339	87.1	135	127	2,688	390	1,408	1,931	42.2
1993	3,857	3,306	85.7	116	136	2,651	403	1,451	1,856	43.9
1994 ¹	4,044	3,597	88.9	359	194	2,601	442	1,704	1,893	47.4
1995 ¹	4,224	3,697	87.5	385	226	2,578	507	1,830	1,867	49.5
1996 ¹	4,185	3,621	86.5	290	202	2,652	477	1,870	1,750	51.7
1997 ¹	4,141	3,667	88.5	368	219	2,616	465	2,007	1,660	54.7

¹ Data collected using new procedures. May not be comparable with figures prior to 1994.

—Data not available.

NOTE.—Data are based on sample surveys of the civilian noninstitutional population. Although cells with fewer than 75,000 children are subject to wide sampling variation, they are included in the table to permit various types of aggregations. Enrollment data for 5-year-olds include only those students in preprimary programs. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Preprimary Enrollment*, various years; and U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared September 1998.)

Table 47.—Children of prekindergarten through second grade age, by enrollment status, maternal characteristics, and household income: 1991, 1993, and 1995

Maternal characteristics and household income	3- to 5-year-olds, not enrolled in school ¹			Enrolled in nursery school or prekindergarten			Enrolled in kindergarten			Enrolled in 1st grade			Enrolled in 2nd grade		
	1991	1993	1995	1991	1993	1995	1991	1993	1995	1991	1993	1995	1991	1993	1995
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total children, in thousands	4,853	4,670	4,595	3,571	3,938	4,655	4,022	4,027	4,149	4,001	3,988	4,025	3,724	3,436	3,777
	Percent distribution														
Mother's highest education ²	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Less than high school	18	19	22	8	11	10	16	14	17	16	14	16	16	16	20
High school diploma ³	43	42	35	32	29	28	40	38	33	38	38	31	38	35	31
Some postsecondary	23	24	21	29	31	23	24	27	22	24	26	24	26	27	21
Associate degree	4	3	7	5	5	9	4	5	7	4	5	7	4	4	8
Bachelor's degree	9	8	10	17	14	19	11	10	14	12	11	14	10	10	13
Graduate/professional school	4	4	5	10	11	12	5	6	8	7	7	8	6	8	8
Mother's employment status ²	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Working 35 hours/week or more	34	30	33	34	35	38	35	38	36	38	38	39	39	37	41
Working less than 35 hours/week	21	19	18	27	23	24	22	20	21	24	22	21	22	22	21
Looking for work	7	8	7	5	6	6	6	6	6	6	7	5	7	6	5
Not in labor force	39	43	42	34	35	32	37	36	38	32	34	36	32	34	33
Household income	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
\$10,000 or less	20	19	23	15	17	16	18	19	19	19	18	17	18	17	19
\$10,001 to \$20,000	19	22	16	14	14	10	17	18	13	17	18	13	17	17	12
\$20,001 to \$30,000	23	21	19	17	14	13	21	17	16	20	17	17	19	18	16
\$30,001 to \$40,000	16	17	16	16	15	12	15	15	15	15	15	14	15	15	16
\$40,001 to \$50,000	10	9	11	12	11	12	11	10	12	11	11	11	12	11	11
\$50,000 to \$75,000	8	8	11	16	16	19	12	13	14	11	12	16	12	14	15
More than \$75,000	3	4	5	11	13	17	7	8	11	7	8	12	7	8	10

¹ Includes a very small number of older children of first and second grade age.

² Excludes data for households with no mother present.

³ Includes equivalency certificates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Household Education Survey (NHES)*, 1991, 1993, and 1995. (This table was prepared October 1997.)

NOTE.—Because of rounding, details may not add to totals.

Table 48.—Percent of public school kindergarten teachers indicating the importance of various factors for kindergarten readiness: Spring 1993

Kindergarten readiness factors	Not at all important	Not very important	Somewhat important	Very important	Essential	Percent rating readiness factor as "Very important" or "Essential," by percentage of school's students eligible for free or reduced-price lunches		
						Less than 20 percent	20 to 49 percent	50 percent or more
						7	8	9
1	2	3	4	5	6	7	8	9
Is physically healthy, rested, and well nourished	0	(¹)	4	24	72	97	95	95
Finishes tasks	3	11	47	31	9	43	40	37
Can count to 20 or more	33	34	26	5	3	8	6	9
Takes turns and shares	2	8	34	37	19	64	55	52
Has good problem-solving skills	8	23	44	20	5	29	23	23
Is enthusiastic and curious in approaching new activities	1	3	19	43	33	83	76	73
Is able to use pencils or paint brushes	15	27	38	16	5	23	21	19
Is not disruptive of the class	2	8	30	36	24	61	58	61
Knows the English language	13	12	33	24	17	40	45	39
Is sensitive to other children's feelings	1	6	35	41	17	61	58	56
Sits still and pays attention	3	12	43	30	12	46	37	43
Knows the letters of the alphabet	27	30	33	6	4	7	9	13
Can follow directions	2	7	31	41	19	61	61	58
Identifies primary colors and basic shapes	13	24	40	17	7	22	21	27
Communicates needs, wants, and thoughts verbally in child's primary language	1	1	15	41	43	85	84	83

¹ Less than 0.5 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Kindergarten Teacher Survey on Student Readiness*. (This table was prepared April 1994.)

Table 49.—Child care arrangements of preschool children, by age and household characteristics: 1991 and 1995

Characteristics	Children ¹		Percent in nonparental arrangements ²			Percent with parental care only
	Number, in thousands	Percent	Relative care	Nonrelative care	Center based program ³	
1	2	3	4	5	6	7
1991						
Age, total	8,428	100.0	16.9	14.8	52.8	31.0
3 years old	3,749	44.5	16.1	14.8	42.3	37.8
4 years old	3,636	43.1	18.1	14.8	60.4	25.9
5 years old	1,044	12.4	15.6	15.0	63.9	24.3
Race/ethnicity						
White, non-hispanic	5,867	69.6	14.8	17.3	54.0	30.6
Black, non-hispanic	1,239	14.7	24.1	7.9	58.2	25.0
Hispanic	1,002	11.9	19.5	9.7	38.9	40.6
Other	319	3.8	19.3	12.1	53.2	32.6
Household income						
\$10,000 or less	1,495	17.7	16.8	6.3	44.9	42.4
10,001 to 20,000	1,437	17.0	19.3	11.8	44.5	35.9
20,001 to 30,000	1,711	20.3	18.9	12.9	44.5	38.5
30,001 to 40,000	1,319	15.7	15.9	15.7	53.2	29.7
40,001 to 50,000	936	11.1	16.6	21.4	60.0	23.1
50,001 to 75,000	974	11.6	15.6	21.9	68.4	15.2
More than 75,000	556	6.6	9.6	25.9	80.4	8.8
1995						
Age, total	9,232	100.0	19.4	16.9	55.1	25.9
3 years old	4,126	44.7	21.4	18.5	40.7	32.0
4 years old	4,065	44.0	18.3	15.3	64.7	22.2
5 years old	1,041	11.3	15.1	17.2	74.5	16.2
Race/ethnicity						
White, non-hispanic	6,337	68.6	16.5	19.4	56.9	25.2
Black, non-hispanic	1,396	15.1	28.6	11.3	59.5	20.3
Hispanic	1,042	11.3	22.8	12.5	37.4	38.4
Other	457	5.0	22.6	10.5	56.7	24.2
Household income						
\$10,000 or less	1,795	19.4	18.1	10.5	48.8	34.4
10,001 to 20,000	1,204	13.0	25.2	15.1	44.6	32.7
20,001 to 30,000	1,484	16.1	20.7	13.5	45.5	34.2
30,001 to 40,000	1,319	14.3	20.0	20.3	46.1	29.7
40,001 to 50,000	1,037	11.2	18.1	19.8	55.5	23.1
50,001 to 75,000	1,381	15.0	18.8	19.1	71.1	11.8
More than 75,000	1,012	11.0	13.7	25.2	82.2	7.8

¹ Estimates are based only on children 3 to 5 years old who have not entered kindergarten.

² Columns do not add up to total because some children participated in more than one type of nonparental arrangement.

³ Center based programs include day care centers, nursery schools, prekindergarten, preschools and Head Start programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), 1991 and 1995. (This table was prepared July 1996.)

Table 50.—Participation of public kindergarten children in selected activities 5 days a week, by length and size of class and teacher preparation: Spring 1993

Activity	Total	Percent of kindergarten classes participating in activity every day					Teacher majored in early childhood education	
		Length of kindergarten class		Size of kindergarten class			Yes	No
		Full-day	Half-day	Less than 20	20 to 25	More than 25		
1	2	3	4	5	6	7	8	9
Listening to stories read aloud	90	91	90	87	92	91	91	89
Running, climbing, jumping, and other gross motor activities	58	72	48	55	57	64	60	56
Free play	66	72	62	64	67	67	67	66
Choosing from a set of specific options (like building blocks, objects, or books)	69	72	67	69	71	65	72	66
Using objects for math or science	49	61	41	48	51	48	53	45
Dramatic play, arts and crafts, music (creative activities)	64	66	63	62	65	66	68	60
Using worksheets for literary skills	14	25	13	21	18	17	19	18
Using worksheets for math or science	18	20	9	17	12	15	16	12

SOURCE: U.S. Department of Education, National Center for Education Statistics, Kindergarten Teacher Survey on Student Readiness. (This table was prepared April 1994.)

Table 51.—Number of hours children age 5 and under spend in center-based programs, by child and maternal characteristics, and household income: 1995

Child and maternal characteristics, and household income	Number of children, age 0 to 5, ¹ in thousands	Children in center-based programs ¹		Percentage distribution of children, by hours in center-based programs per week ¹				
		Number in thousands	Percent	1 to 10	11 to 20	21 to 30	31 to 40	Over 40
1	2	3	4	5	6	7	8	9
Total children	21,421	6,536	30.5	31.6	20.2	12.5	22.1	13.6
Age								
Under 1 year	4,158	270	6.5	9.2	17.9	11.7	47.9	13.2
1 year old	4,027	434	10.8	15.2	14.2	13.9	34.1	22.5
2 years old	4,007	749	18.7	23.7	13.2	10.8	29.2	23.1
3 years old	4,126	1,679	40.7	35.5	16.5	13.4	20.3	14.3
4 years old	4,065	2,631	64.7	37.3	25.3	11.4	16.4	9.6
5 years old	1,038	774	74.5	32.9	25.1	15.2	18.1	8.7
Sex								
Male	10,993	3,276	29.8	31.4	19.8	13.9	21.1	13.9
Female	10,429	3,260	31.3	31.8	20.6	11.1	23.2	13.3
Race/ethnicity of child								
White	13,996	4,600	32.9	37.6	20.2	12.2	17.6	12.4
Black	3,344	1,103	33.0	6.7	15.2	13.0	45.8	19.2
Hispanic	2,838	484	17.0	20.9	29.6	14.3	24.5	10.7
Other	1,243	349	28.1	20.9	21.5	13.8	23.8	20.0
Mother's highest education								
Less than high school	4,205	824	19.6	16.5	20.1	18.9	29.2	15.4
High school diploma ²	6,475	1,678	25.9	32.8	17.8	13.1	25.2	11.2
Some postsecondary	4,537	1,510	33.3	32.2	23.7	8.9	19.9	15.3
Associate degree	1,479	507	34.3	34.6	21.4	15.4	14.8	13.8
Bachelor's degree	3,069	1,262	41.1	36.3	19.6	9.3	20.1	14.8
Some graduate or master's degree	1,368	640	46.8	30.7	20.0	15.9	20.8	12.6
Doctor's or professional degree	288	115	39.9	23.9	12.5	19.7	36.0	7.9
Marital status of mother								
No mother in household	298	117	39.2	14.6	2.4	11.3	34.3	37.5
Married	15,141	4,678	30.9	36.7	22.1	11.1	18.7	11.5
Separated	725	207	28.6	13.3	23.1	15.3	18.9	29.4
Divorced	1,258	537	42.7	20.2	15.7	15.3	26.2	22.5
Widowed	172	63	36.4	29.9	16.8	20.9	5.5	26.9
Never married	3,826	934	24.4	13.9	13.5	18.2	40.7	13.7
Mother's employment status³								
In labor force	12,770	4,576	35.8	24.5	17.5	13.6	27.0	17.4
Working more than 35 hours/week	7,101	2,760	38.9	16.4	12.4	11.1	33.8	26.4
Working 35 hours/week or less	4,034	1,413	35.0	40.9	27.7	15.3	12.9	3.3
Looking for work	1,635	403	24.7	22.5	16.8	27.5	30.2	3.0
Not in labor force	8,354	1,842	22.1	51.2	28.4	9.6	8.6	2.3
Household income								
\$5,000 or less	2,066	509	24.6	17.1	26.5	15.3	32.2	8.9
\$5,001 to \$10,000	2,437	619	25.4	18.0	22.8	18.3	32.2	8.7
\$10,001 to \$15,001	1,521	342	22.5	17.5	19.1	17.6	27.2	18.6
\$15,001 to \$20,000	1,388	351	25.3	23.5	22.2	16.3	22.1	15.9
\$20,001 to \$25,000	1,603	347	21.6	23.9	11.1	14.6	31.4	19.0
\$25,001 to \$30,000	1,783	506	28.4	25.0	19.8	14.7	22.3	18.1
\$30,001 to \$35,000	1,453	371	25.6	37.6	15.9	11.1	27.5	8.0
\$35,001 to \$40,000	1,595	439	27.5	33.1	21.5	10.3	20.1	15.0
\$40,001 to \$50,000	2,304	743	32.2	41.3	19.2	7.1	21.7	10.7
\$50,001 to \$75,000	3,063	1,229	40.1	37.1	17.0	11.7	18.0	16.2
More than \$75,000	2,211	1,080	48.8	36.7	24.5	11.2	15.3	12.2

¹ Excludes children who have entered kindergarten.² Includes equivalency certificates.³ Excludes data for households with no mother present in household.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey (NHES), 1995. (This table was prepared March 1999.)

NOTE.—Details may not add to totals because of rounding.

Table 52.—Public school pupils transported at public expense and current expenditures for transportation: 1929–30 to 1995–96

School year	Average daily attendance, all students	Pupils transported at public expense		Expenditures for transportation (in current dollars)		Expenditures for transportation (in constant 1995–96 dollars)	
		Number	Percent of total	Total ¹ (in thousands)	Average per pupil transported	Total ¹ (in thousands)	Average per pupil transported
1	2	3	4	5	6	7	8
1929–30	21,265,000	1,902,826	8.9	\$54,823	\$29	\$494,839	\$260
1931–32	22,245,000	2,419,173	10.9	58,078	24	622,394	257
1933–34	22,458,000	2,794,724	12.4	53,908	19	628,967	225
1935–36	22,299,000	3,250,658	14.6	62,653	19	704,402	217
1937–38	22,298,000	3,769,242	16.9	75,637	20	815,771	216
1939–40	22,042,000	4,144,161	18.8	83,283	20	920,732	222
1941–42	21,031,000	4,503,081	21.4	92,922	21	920,757	204
1943–44	19,603,000	4,512,412	23.0	107,754	24	955,408	212
1945–46	19,849,000	5,056,966	25.5	129,756	26	1,098,964	217
1947–48	20,910,000	5,854,041	28.0	176,265	30	1,168,796	200
1949–50	22,284,000	6,947,384	31.2	214,504	31	1,399,353	201
1951–52	23,257,000	7,697,130	33.1	268,827	35	1,580,252	205
1953–54	25,643,871	8,411,719	32.8	307,437	37	1,766,288	210
1955–56	27,740,149	9,695,819	35.0	353,972	37	2,034,322	210
1957–58	29,722,275	10,861,689	36.5	416,491	38	2,253,234	207
1959–60	32,477,440	12,225,142	37.6	486,338	40	2,557,234	209
1961–62	34,682,340	13,222,667	38.1	576,361	44	2,962,532	224
1963–64	37,405,058	14,475,778	38.7	673,845	47	3,375,561	233
1965–66	39,154,497	15,536,567	39.7	787,358	51	3,812,424	245
1967–68	40,827,965	17,130,873	42.0	981,006	57	4,456,758	260
1969–70	41,934,376	18,198,577	43.4	1,218,557	67	4,983,906	274
1971–72	42,254,272	19,474,355	46.1	1,507,830	77	5,661,233	291
1973–74	41,438,054	21,347,039	51.5	1,858,141	87	6,157,272	288
1975–76	41,269,720	21,772,483	52.8	2,377,313	109	6,622,937	304
1977–78	40,079,590	² 21,800,000	54.4	2,731,041	125	6,736,797	² 309
1979–80	38,288,911	21,713,515	56.7	3,833,145	177	7,628,469	351
1980–81	37,703,744	² 22,272,000	59.1	² 4,408,000	198	² 7,862,000	² 353
1981–82	37,094,652	² 22,246,000	60.0	² 4,793,000	215	² 7,869,000	² 354
1982–83	36,635,868	² 22,199,000	60.6	² 5,000,000	225	² 7,871,000	² 355
1983–84	36,362,978	² 22,031,000	60.6	² 5,284,000	240	² 8,021,000	² 364
1984–85	36,404,261	² 22,320,000	61.3	² 5,722,000	256	² 8,358,000	² 374
1985–86	36,523,103	² 22,041,000	60.3	² 6,123,000	278	² 8,694,000	² 394
1986–87	36,863,867	² 22,397,000	60.8	² 6,551,000	292	² 9,099,000	² 406
1987–88	37,050,707	² 22,158,000	59.8	² 6,888,000	311	² 9,187,000	² 415
1988–89	37,268,072	² 22,635,000	60.7	² 7,550,000	334	² 9,625,000	² 425
1989–90	37,799,296	² 22,459,000	59.4	8,030,990	358	9,771,908	² 435
1990–91	38,426,543	² 22,000,000	57.3	8,678,954	394	10,012,907	² 455
1991–92	38,960,783	² 23,165,000	59.5	8,769,754	379	9,803,535	² 423
1992–93	39,570,462	² 23,439,000	59.2	9,252,300	395	10,029,682	² 428
1993–94	40,146,393	² 23,858,000	59.4	9,627,155	404	10,172,521	² 426
1994–95	40,720,763	² 23,693,000	58.2	9,889,034	417	10,158,075	² 429
1995–96	41,501,596	² 24,155,000	58.2	10,394,695	430	10,394,695	² 430

¹ Excludes capital outlay for years through 1979–80, and 1989–90 to 1995–96. From 1980–81 to 1988–89 total transportation figures include capital outlay.

² Estimate based on data appearing in January issues of *School Bus Fleet*.

NOTE.—Constant dollars are adjusted for inflation using the Consumer Price Index computed on a school year basis. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*, and unpublished data; and Bobit Publishing Co., *School Bus Fleet*, January issues. (This table was prepared September 1998.)

Table 53.—Children 0 to 21 years old served in federally supported programs for the disabled, by type of disability: 1976–77 to 1996–97

Type of disability	1976–77	1980–81	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number served, ¹ in thousands															
All disabilities	3,692	4,142	4,315	4,317	4,374	4,446	4,527	4,641	4,762	4,949	5,176	5,365	5,539	5,745	5,920
Specific learning disabilities	796	1,462	1,832	1,862	1,914	1,928	1,970	2,050	2,130	2,234	2,351	2,408	2,489	2,579	2,651
Speech or language impairments	1,302	1,168	1,126	1,125	1,136	953	967	973	985	997	994	1,014	1,015	1,022	1,045
Mental retardation	959	829	694	660	643	582	564	548	534	538	518	536	555	570	579
Serious emotional disturbance	283	346	372	375	383	373	376	381	390	399	400	414	427	438	446
Hearing impairments	87	79	69	66	65	56	56	57	58	60	60	64	64	67	68
Orthopedic impairments	87	58	56	57	57	47	47	48	49	51	52	56	60	63	66
Other health impairments	141	98	68	57	52	45	43	52	55	58	65	82	106	133	160
Visual impairments	38	31	28	27	26	22	23	22	23	24	23	24	24	25	25
Multiple disabilities	—	68	69	86	97	77	85	86	96	97	102	108	88	93	98
Deaf-blindness	—	3	2	2	2	1	2	2	1	1	1	1	1	1	1
Autism and other	—	—	—	—	—	—	—	—	—	5	19	24	30	38	45
Preschool disabled ²	(³)	(³)	(³)	(³)	(³)	363	394	422	441	484	590	634	680	717	737
Percentage distribution of children served															
All disabilities	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
Specific learning disabilities	21.6	35.3	42.4	43.1	43.8	43.4	43.6	44.2	44.7	45.1	45.4	44.9	44.9	44.9	44.8
Speech or language impairments	35.3	28.2	26.1	26.1	26.0	21.4	21.1	21.0	20.7	20.2	19.2	18.9	18.3	17.8	17.6
Mental retardation	26.0	20.0	16.1	15.3	14.7	13.1	12.7	11.8	11.2	10.9	10.0	10.0	10.0	9.9	9.8
Serious emotional disturbance	7.7	8.4	8.6	8.7	8.8	8.4	8.3	8.2	8.2	8.1	7.7	7.7	7.7	7.6	7.5
Hearing impairments	2.4	1.9	1.6	1.5	1.5	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1
Orthopedic impairments	2.4	1.4	1.3	1.3	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
Other health impairments	3.8	2.4	1.6	1.3	1.2	1.0	1.0	1.1	1.2	1.2	1.3	1.5	1.9	2.3	2.7
Visual impairments	1.0	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Multiple disabilities	—	1.6	1.6	2.0	2.2	1.7	1.8	1.9	2.0	2.0	2.0	2.0	1.6	1.6	1.7
Deaf-blindness	—	0.1	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Autism and other	—	—	—	—	—	—	—	—	—	0.1	0.4	0.4	0.5	0.7	0.8
Preschool disabled ²	(³)	(³)	(³)	(³)	(³)	8.2	8.7	9.1	9.3	9.8	11.4	11.8	12.3	12.5	12.4
Number served as a percent of total enrollment ⁵															
All disabilities	8.33	10.13	11.00	10.95	11.00	11.11	11.26	11.44	11.55	11.77	12.08	12.34	12.55	12.81	12.98
Specific learning disabilities	1.80	3.58	4.67	4.72	4.81	4.82	4.90	5.06	5.17	5.31	5.49	5.54	5.64	5.75	5.81
Speech or language impairments	2.94	2.86	2.87	2.85	2.86	2.38	2.41	2.40	2.39	2.37	2.32	2.33	2.30	2.28	2.29
Mental retardation	2.16	2.03	1.77	1.68	1.62	1.45	1.40	1.35	1.30	1.28	1.21	1.23	1.26	1.27	1.27
Serious emotional disturbance	0.64	0.85	0.95	0.95	0.96	0.93	0.94	0.94	0.95	0.95	0.94	0.95	0.97	0.98	0.98
Hearing impairments	0.20	0.19	0.18	0.17	0.16	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15
Orthopedic impairments	0.20	0.14	0.14	0.14	0.14	0.12	0.12	0.12	0.12	0.12	0.12	0.13	0.14	0.14	0.14
Other health impairments	0.32	0.24	0.17	0.14	0.13	0.11	0.11	0.13	0.13	0.14	0.15	0.19	0.24	0.30	0.35
Visual impairments	0.09	0.08	0.07	0.07	0.07	0.05	0.06	0.06	0.06	0.06	0.05	0.06	0.05	0.06	0.06
Multiple disabilities	—	0.17	0.17	0.22	0.24	0.19	0.21	0.21	0.23	0.23	0.24	0.25	0.20	0.21	0.21
Deaf-blindness	—	0.01	(⁶)	0.01	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)
Autism and other	—	—	—	—	—	—	—	—	—	0.01	0.04	0.06	0.07	0.09	0.10
Preschool disabled ²	(³)	(³)	(³)	(³)	(³)	0.91	0.98	1.04	1.07	1.15	1.38	1.46	1.54	1.60	1.62

¹ Includes students served under Chapter I and Individuals with Disabilities Education Act (IDEA), formerly the Education of the Handicapped Act.

² Includes preschool children 3–5 years and 0–5 years served under Chapter I and IDEA, respectively.

³ Prior to 1987–88, these students were included in the counts by handicapping condition. Beginning in 1987–88, states were no longer required to report preschool handicapped students (0–5 years) by handicapping condition.

⁴ Less than .05 percent.

⁵ Based on the enrollment in public schools, kindergarten through 12th grade, including a relatively small number of prekindergarten students.

⁶ Less than .005 percent.

—Data not available.

NOTE.—Counts are based on reports from the 50 states and District of Columbia only (i.e., figures from U.S. territories are not included). Increases since 1987–88 are due in part to new legislation enacted fall 1986, which mandates public school special education services for all handicapped children ages 3 through 5. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations; and National Center for Education Statistics, Common Core of Data survey. (This table was prepared May 1998.)

Table 54.—Percentage distribution of disabled persons 3 to 21 years old receiving education services for the disabled, by age group and educational environment: 1995–96

Type of disability	All environments	Regular class	Resource room	Separate class	Public separate school facility	Private separate school facility	Public residential facility	Private residential facility	Homebound/hospital environment
1	2	3	4	5	6	7	8	9	10
All persons, 3 to 21 years old	100.0	45.4	26.8	23.2	2.2	1.0	0.4	0.2	0.7
3 to 5 years old	100.0	50.7	9.3	31.7	4.1	1.5	0.1	0.1	2.5
6 to 21 years old	100.0	44.8	28.5	22.4	2.0	1.0	0.5	0.3	0.6
Mental retardation	100.0	9.9	26.9	56.0	5.2	1.0	0.4	0.2	0.5
Speech or language impairments	100.0	87.6	7.5	4.5	0.2	0.1	(¹)	(¹)	0.1
Visual impairments	100.0	46.8	20.1	17.4	2.9	1.9	9.4	0.9	0.5
Serious emotional disturbance	100.0	22.1	24.0	35.2	8.3	5.4	1.7	1.6	1.8
Orthopedic impairments	100.0	39.3	20.4	31.9	4.4	1.1	0.3	0.1	2.5
Other health impairments	100.0	42.8	28.8	18.5	1.1	0.6	0.1	0.2	7.9
Specific learning disabilities	100.0	41.3	39.3	18.4	0.3	0.3	0.1	(¹)	0.2
Deaf-blindness	100.0	9.7	8.7	37.2	17.7	3.8	17.8	2.7	2.3
Multiple disabilities	100.0	9.1	11.9	51.5	15.4	6.7	2.0	1.5	1.9
Hearing impairments	100.0	35.4	19.1	28.5	3.8	2.7	9.3	1.0	0.2
Autism	100.0	10.8	9.4	54.7	15.2	6.6	0.7	2.2	0.5
Traumatic brain injury	100.0	26.1	24.2	30.3	3.1	11.3	0.3	2.0	2.7

¹ Less than 0.05 percent.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*. (This table was prepared February 1998.)

NOTE.—There are some reporting variations, e.g., estimated or incomplete data and nonstandard definitions, from state to state. Data for 3- to 5-year-old children are no longer collected by type of disability. Because of rounding, details may not add to totals.

Table 55.—State legislation on gifted and talented programs and number and percent of students receiving services in public elementary and secondary schools, by state: 1993–94 and 1995–96

State	State-mandated gifted and talented programs, 1995–96 ¹	Discretionary state-supported gifted and talented, 1995–96 ²	Gifted and talented students receiving services, 1993–94	Gifted and talented students as a percent of enrollment, 1993–94	State	State-mandated gifted and talented programs, 1995–96 ¹	Discretionary state-supported gifted and talented, 1995–96 ²	Gifted and talented students receiving services, 1993–94	Gifted and talented students as a percent of enrollment, 1993–94
1	2	3	4	5	1	2	3	4	5
Alabama	X		16,522	2.4	Montana	X		—	—
Alaska	X		4,696	4.0	Nebraska	X		18,600	10.0
Arizona	X		39,200	—	Nevada		X	8,343	2.0
Arkansas	X		34,710	8.0	New Hampshire		X	—	—
California		X	290,000	5.0	New Jersey		—	—	—
Colorado		X	—	—	New Mexico		X	—	—
Connecticut	X		16,871	³ 3.5	New York		X	135,000	6.0
Delaware		X	—	5.0	North Carolina		X	88,450	8.0
District of Columbia	—	—	—	9.0	North Dakota		X	1,107	1.0
Florida	X		74,572	3.5	Ohio		X	244,670	13.0
Georgia	—	—	—	5.0	Oklahoma		X	61,082	10.0
Hawaii	X		18,000	11.0	Oregon		X	—	8.5
Idaho	X		—	1.3	Pennsylvania		X	79,756	4.6
Illinois	X		⁴ 166,234	5.0	Rhode Island		X	—	3.5–5.0
Indiana		X	85,192	8.9	South Carolina		X	52,000	10.0
Iowa	X		—	4.0	South Dakota		X	6,515	4.4
Kansas	X		—	3.1	Tennessee		X	18,626	2.0
Kentucky	X		52,600	5.0	Texas		X	248,769	7.0
Louisiana	X		24,000	3.2	Utah		X	—	—
Maine	X		10,100	5.0	Vermont		—	—	—
Maryland		X	90,222	12.0	Virginia		X	121,598	9.2
Massachusetts		X	—	—	Washington		X	38,781	1.5
Michigan		X	225,154	14.0	West Virginia		X	—	3.5
Minnesota		X	55,467	7.2	Wisconsin		X	—	15.0
Mississippi	X		21,678	4.3	Wyoming		X	—	3.0
Missouri		X	24,877	5.0	Guam		X	—	—

¹ Mandate requiring identification of and/or services for gifted/talented students.

² No mandate requiring identification of or services for gifted/talented students.

³ Grades 2 through 6 only.

⁴ Data for 1991–92.

—Data not available.

SOURCE: Council of State Directors of Programs for the Gifted, *The 1994 and 1996 State of the States Gifted and Talented Education Reports*. (This table was prepared July 1997.)

Table 56.—Number of children served under Individuals with Disabilities Education Act and Chapter 1 of the Education Consolidation and Improvement Act, State Operated Programs, by age group and state: 1990–91 to 1996–97

State	Birth to age 21				Percent of students that are disabled, 1996–97 ¹	Ages 0 to 5				Percent change, birth to 21, 1990–91 to 1996–97
	1990–91	1994–95	1995–96	1996–97		1990–91	1994–95	1995–96	1996–97	
1	2	3	4	5	6	7	8	9	10	11
United States	4,761,742	5,538,756	5,745,338	5,919,767	13.0	440,661	679,634	716,624	737,025	24.3
Alabama	94,945	100,473	99,594	99,302	13.3	7,498	9,800	9,922	9,798	4.6
Alaska	14,745	17,942	18,036	18,061	13.9	1,813	2,458	2,447	2,317	22.5
Arizona	57,235	73,914	77,688	81,099	10.1	4,936	8,748	9,479	9,357	41.7
Arkansas	47,835	54,279	56,055	57,475	12.6	5,274	8,543	9,695	9,903	20.2
California	469,282	563,489	583,789	604,075	10.6	40,489	71,461	72,914	75,802	28.7
Colorado	57,102	71,496	73,633	73,992	11.0	4,894	10,212	11,060	9,717	29.6
Connecticut	64,562	75,695	78,549	84,412	16.0	6,142	8,864	9,764	10,834	30.7
Delaware	14,294	16,701	17,012	16,421	14.9	1,579	3,287	3,293	2,578	14.9
District of Columbia	6,290	6,831	7,398	7,059	9.0	411	542	727	727	12.2
Florida	236,013	301,723	320,955	334,707	14.9	16,387	32,292	37,851	38,945	41.8
Georgia	101,997	132,451	138,514	144,512	10.7	7,333	16,028	16,786	17,656	41.7
Hawaii	13,169	19,020	19,903	20,350	10.8	1,273	5,082	5,180	4,851	54.5
Idaho	22,017	23,737	24,671	26,128	10.7	3,129	3,849	3,936	4,144	18.7
Illinois	239,185	258,461	265,456	275,198	13.9	26,122	32,195	33,461	35,783	15.1
Indiana	114,643	132,714	138,150	142,667	14.5	8,937	15,203	16,449	17,454	24.4
Iowa	60,695	65,034	66,914	69,060	13.7	6,329	6,679	6,800	6,899	13.8
Kansas	45,212	52,861	55,031	56,845	12.2	4,308	7,056	7,564	7,860	25.7
Kentucky	79,421	82,021	84,524	87,137	13.3	11,008	15,343	16,320	17,105	9.7
Louisiana	73,663	91,344	93,304	94,727	11.9	7,541	12,291	11,833	11,450	28.6
Maine	27,987	31,037	32,719	33,678	15.8	2,895	3,695	4,402	4,316	20.3
Maryland	91,940	100,565	104,558	108,453	13.2	10,409	12,846	13,181	13,613	18.0
Massachusetts	154,616	164,784	165,680	168,082	18.0	17,014	22,381	22,725	23,594	8.7
Michigan	166,927	186,431	193,152	198,772	11.8	14,963	21,262	22,625	23,553	19.1
Minnesota	80,896	96,539	100,888	103,929	12.3	10,529	13,324	13,399	13,576	28.5
Mississippi	60,934	65,912	67,520	66,161	13.1	5,704	6,871	7,323	6,881	8.6
Missouri	101,955	119,148	123,811	127,864	14.2	4,889	10,297	10,804	10,972	25.4
Montana	17,204	18,161	18,876	19,119	11.6	1,934	2,117	2,278	2,240	11.1
Nebraska	32,761	38,763	39,926	40,578	13.9	2,961	4,048	4,029	4,003	23.9
Nevada	18,440	27,091	29,043	30,913	11.0	1,742	3,628	4,007	4,202	67.6
New Hampshire	19,658	24,546	26,163	27,592	13.9	2,077	2,788	3,178	3,461	40.4
New Jersey	181,319	194,940	200,469	206,252	17.1	17,190	18,970	20,046	20,617	13.8
New Mexico	36,037	46,844	49,325	51,280	15.4	2,247	5,596	6,310	6,840	42.3
New York	307,458	383,822	407,421	427,907	15.1	26,353	54,470	61,289	64,822	39.2
North Carolina	123,126	145,510	151,414	158,272	13.1	10,700	21,130	21,007	21,259	28.5
North Dakota	12,504	12,386	12,581	12,991	10.8	1,374	1,329	1,434	1,437	3.9
Ohio	205,440	239,696	242,734	243,312	13.2	12,487	34,249	33,409	35,634	18.4
Oklahoma	65,653	72,496	73,495	75,601	12.2	5,359	6,657	7,079	7,035	15.2
Oregon	55,149	60,619	66,156	65,543	12.2	3,581	6,030	7,231	7,431	18.8
Pennsylvania	219,428	213,785	218,556	222,494	12.3	23,156	26,064	27,525	27,541	1.4
Rhode Island	21,076	24,494	26,048	27,354	18.1	2,112	2,932	3,309	3,210	29.8
South Carolina	77,765	84,217	88,419	92,787	14.2	8,346	11,495	12,216	12,518	19.3
South Dakota	14,987	16,114	15,888	15,485	10.8	2,366	2,586	2,552	2,587	3.3
Tennessee	104,898	126,909	129,617	128,672	14.2	7,536	12,981	13,307	13,400	22.7
Texas	350,636	430,010	451,590	472,661	12.3	30,955	40,117	42,304	43,802	34.8
Utah	47,747	52,778	54,527	55,848	11.6	4,565	6,128	6,925	7,189	17.0
Vermont	12,263	11,034	11,587	12,076	11.4	1,200	1,498	1,556	1,542	-1.5
Virginia	113,971	138,252	143,985	146,840	13.4	11,791	14,832	15,510	15,605	28.8
Washington	85,395	106,725	108,851	109,227	11.2	11,409	15,072	14,526	14,198	27.9
West Virginia	43,135	46,853	48,151	49,092	16.1	3,630	5,999	6,506	6,894	13.8
Wisconsin	86,930	105,536	110,029	114,407	13.0	12,213	16,391	17,161	17,918	31.6
Wyoming	11,202	12,573	12,983	13,298	13.4	1,571	1,918	1,990	1,955	18.7
Bureau of Indian Affairs ..	6,997	7,676	7,669	8,192	—	—	258	244	310	17.1
Outlying areas	39,445	49,139	51,823	55,243	7.9	—	8,050	9,011	9,915	40.1
American Samoa	363	479	400	415	2.8	—	87	93	88	14.3
Guam	1,750	1,909	1,980	2,099	6.3	—	307	301	336	19.9
Northern Marianas	411	256	331	379	4.2	—	53	80	107	-7.8
Palau	459	152	120	116	—	—	10	10	7	-74.7
Puerto Rico	35,129	44,693	47,230	50,726	8.2	—	7,514	8,338	9,140	44.4
Virgin Islands	1,333	1,650	1,762	1,508	6.7	—	79	189	237	13.1

¹Percent based on the enrollment in public schools, prekindergarten through 12th grade.

—Data not available.

NOTE.—Individuals with Disabilities Education Act (IDEA), formerly known as the Education of the Handicapped Act, now extends the right to a free and appropriate education to 3- to 5-year-old disabled children.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, various years, and unpublished tabulations. (This table was prepared March 1998.)

Table 57.—Enrollment in grades 9 to 12 in public and private schools compared with population 14 to 17 years of age: 1889–90 to fall 1997

[Numbers in thousands]

Year	Enrollment, grades 9 to 12 ¹			Population 14 to 17 years of age ³	Enrollment as a percent of population 14 to 17 years of age ⁴
	All schools	Public schools	Private schools ²		
1	2	3	4	5	6
1889–90	298	203	95	5,355	5.6
1899–1900	630	519	111	6,152	10.2
1909–10	1,032	915	117	7,220	14.3
1919–20	2,414	2,200	214	7,736	31.2
1929–30	4,741	4,399	⁵ 341	9,341	50.7
1939–40	7,059	6,601	⁶ 458	9,720	72.6
1949–50	6,397	5,725	672	8,405	76.1
1951–52	6,538	5,882	656	8,516	76.8
1953–54	7,038	6,290	747	8,861	79.4
1955–56	7,696	6,873	823	9,207	83.6
1957–58	8,790	7,860	931	10,139	86.7
Fall 1959	9,306	8,271	1,035	11,155	83.4
Fall 1961	10,489	9,369	1,120	12,046	87.1
Fall 1963	12,170	10,883	1,287	13,492	90.2
Fall 1965	13,010	11,610	1,400	14,146	92.0
Fall 1966	13,294	11,894	1,400	14,398	92.3
Fall 1967	13,650	12,250	1,400	14,727	92.7
Fall 1968	14,118	12,718	1,400	15,170	93.1
Fall 1969	14,337	13,037	1,300	15,549	92.2
Fall 1970	14,647	13,336	1,311	15,921	92.0
Fall 1971	15,053	13,753	⁷ 1,300	16,326	92.2
Fall 1972	15,148	13,848	⁷ 1,300	16,637	91.0
Fall 1973	15,344	14,044	⁷ 1,300	16,864	91.0
Fall 1974	15,403	14,103	⁷ 1,300	17,033	90.4
Fall 1975	15,604	14,304	⁷ 1,300	17,125	91.1
Fall 1976	15,656	14,314	1,342	17,117	91.5
Fall 1977	15,546	14,203	1,343	17,042	91.2
Fall 1978	15,441	14,088	1,353	16,944	91.1
Fall 1979	14,916	13,616	⁷ 1,300	16,610	89.8
Fall 1980	14,570	13,231	1,339	16,143	90.3
Fall 1981	14,164	12,764	⁷ 1,400	15,609	90.7
Fall 1982	13,805	12,405	⁷ 1,400	15,057	91.7
Fall 1983	13,671	12,271	⁷ 1,400	14,740	92.7
Fall 1984	13,704	12,304	⁷ 1,400	14,725	93.1
Fall 1985	13,750	12,388	1,362	14,888	92.4
Fall 1986	13,669	12,333	⁷ 1,336	14,824	92.2
Fall 1987	13,323	12,076	1,247	14,502	91.9
Fall 1988	12,893	11,687	⁷ 1,206	14,023	91.9
Fall 1989	12,583	11,390	⁷ 1,193	13,536	93.0
Fall 1990	12,475	11,338	⁷ 1,137	13,310	93.7
Fall 1991	12,666	11,541	⁷ 1,125	13,418	94.4
Fall 1992	12,898	11,735	⁷ 1,163	13,653	94.5
Fall 1993	13,152	11,961	⁷ 1,191	13,928	94.4
Fall 1994	13,449	12,213	⁷ 1,236	14,427	93.2
Fall 1995	13,769	12,500	⁷ 1,269	14,770	93.2
Fall 1996	14,131	12,834	⁷ 1,297	15,149	93.3
Fall 1997 ⁷	14,325	13,003	1,322	15,429	92.8

¹Includes a relatively small number of secondary ungraded and postgraduate students.

²Data for most years are partly estimated.

³Data for 1890 through 1950 are from the decennial censuses of population. The other figures are Bureau of the Census estimates as of July 1 preceding the opening of the school year.

⁴Gross enrollment ratio based on school enrollment of all ages in grades 9 to 12 divided by the 14- to 17-year-old population. Differs from enrollment rates in other tables which are based on the enrollment of persons in the given age group only.

⁵Data are for 1927–28.

⁶Data are for 1940–41.

⁷Estimated.

NOTE.—Includes enrollment in public schools that are a part of state and local school systems and also in most private schools, both religiously affiliated and nonsectarian. Excludes enrollment in subcollegiate departments of institutions of higher education, residential schools for exceptional children, and federal schools. Because of rounding, details may not add to totals. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Statistics of Public Elementary and Secondary School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Common Core of Data survey; and Projections of Education Statistics to 2008*. (This table was prepared February 1999.)

Table 58.—Enrollment in foreign language courses compared with enrollment in grades 9 to 12 in public secondary schools: Fall 1948 to fall 1994

[In thousands]

Language	Fall 1948	Fall 1960	Fall 1965	Fall 1968	Fall 1970	Fall 1974	Fall 1976	Fall 1978	Fall 1982	Fall 1985	Fall 1990	Fall 1994	Percent change in enrollment	
													1976 to 1990	1990 to 1994
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total enrollment, grades 9 to 12	15,602	8,589	11,610	12,718	13,336	14,103	14,314	14,088	12,405	12,388	11,338	12,213	-20.8	7.7
All foreign languages ²														
Number enrolled	1,170	2,522	3,659	3,890	3,779	3,295	3,174	3,200	2,910	4,029	4,257	5,002	34.1	17.5
Percent of all students	20.9	29.4	31.5	30.6	28.3	23.3	22.2	22.7	23.3	32.2	37.5	41.0	—	—
Modern foreign languages														
Number enrolled	741	1,867	3,068	3,518	3,514	3,127	3,023	3,048	2,740	3,852	4,093	4,813	35.4	17.6
Percent of all students	13.2	21.7	26.4	27.7	26.4	22.1	21.1	21.6	21.9	31.1	36.1	39.4	—	—
Spanish														
Number enrolled	443	933	1,427	1,698	1,811	1,678	1,717	1,631	1,563	2,334	2,611	3,220	52.1	23.3
Percent of all students	7.9	10.9	12.3	13.4	13.6	11.9	12.0	11.6	12.5	18.8	23.0	26.4	—	—
French														
Number enrolled	254	744	1,251	1,328	1,231	978	888	856	858	1,134	1,089	1,106	22.6	1.5
Percent of all students	4.5	8.7	10.8	10.4	9.2	6.9	6.2	6.1	6.9	9.2	9.6	9.1	—	—
German														
Number enrolled	43	151	328	423	411	393	353	331	267	312	295	326	-16.2	10.3
Percent of all students	0.8	1.8	2.8	3.3	3.1	2.8	2.5	2.3	2.1	2.5	2.6	2.7	—	—
Russian														
Number enrolled	—	10	27	24	20	15	11	9	6	6	16	16	46.6	-0.4
Percent of all students	—	0.1	0.2	0.2	0.2	0.1	0.1	0.1	(³)	(³)	0.1	0.1	—	—
Italian														
Number enrolled	—	20	25	27	27	40	46	46	44	47	40	44	-11.4	8.5
Percent of all students	—	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.4	0.4	0.4	—	—
Japanese ⁴														
Number enrolled	—	—	—	—	—	—	—	—	—	—	25	42	—	68.3
Percent of all students	—	—	—	—	—	—	—	—	—	—	0.2	0.3	—	—
Other modern foreign languages ⁵														
Number enrolled	1	9	9	18	15	23	9	176	3	18	15	59	73.0	296.1
Percent of all students	(³)	0.1	0.1	0.1	0.1	0.2	0.1	1.2	(³)	0.1	0.1	0.5	—	—
Latin														
Number enrolled	429	655	591	372	265	167	150	152	170	177	164	189	8.9	15.2
Percent of all students	7.7	7.6	5.1	2.9	2.0	1.2	1.1	1.1	1.4	1.4	1.4	1.5	—	—

¹ Estimated.² Includes enrollment in ancient Greek (not shown separately). Fewer than 1,000 students were enrolled in this language in each of the years shown.³ Less than 0.05 percent.⁴ Until 1990, student enrollment in Japanese courses was included in the Other modern foreign languages category.⁵ Includes students enrolled in unspecified modern foreign languages. In 1978, a relatively large number of students were not identified by field of study. Since 1990, enrollment in Japanese courses is reported as a separate category.

—Data not reported, not available, or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and American Council on the Teaching of Foreign Languages, *Foreign Language Enrollments in Public Secondary Schools, Fall 1989, Fall 1990, and Fall 1994*. (This table was prepared February 1999.)

Table 59.—Student participation in school programs and services, by control, level of school, and type of community: 1993–94

Control, level, and community type	Total students		Percent of students participating in program or service							
	Number	Percent distribution	Bilingual education	English as a second language	Remedial reading	Remedial mathematics	Programs for the disabled	Programs for the gifted and talented	Diagnostic and prescriptive	Extended day
1	2	3	4	5	6	7	8	9	10	11
Public total	41,621,660	100.0	3.07	3.97	10.88	6.90	6.88	6.43	0.27	2.50
School level ¹										
Elementary	26,886,026	64.6	3.98	4.75	13.46	7.77	6.76	6.25	0.31	3.58
Secondary	13,757,801	33.1	1.39	2.58	5.63	5.03	6.54	6.90	0.20	0.48
Combined	977,833	2.3	1.80	1.88	13.70	9.39	14.84	4.72	0.44	1.31
Community type										
Central city	12,163,036	29.2	6.30	7.13	12.86	8.34	7.05	6.55	0.23	3.82
Urban fringe/large town	13,559,662	32.6	2.04	3.90	8.84	5.60	6.34	7.26	0.23	2.69
Rural/small town	15,898,962	38.2	1.48	1.60	11.09	6.90	7.20	5.63	0.35	1.33
Private total	4,970,548	100.0	0.81	0.58	6.35	4.16	2.98	4.93	0.89	9.20
School level ¹										
Elementary	2,803,359	56.4	0.77	0.45	7.22	4.33	0.93	3.34	0.94	12.48
Secondary	811,087	16.3	0.19	0.62	4.24	3.06	3.43	8.56	0.47	0.23
Combined	1,356,102	27.3	1.25	0.83	5.82	4.46	6.95	6.05	1.03	7.76
Community type										
Central city	2,261,125	45.5	0.83	0.71	7.33	4.77	2.68	5.56	0.72	11.36
Urban fringe/large town	1,810,230	36.4	0.97	0.57	5.98	4.15	3.58	5.24	0.85	8.89
Rural/small town	899,193	18.1	0.42	0.27	4.63	2.62	2.50	2.75	1.48	4.39

¹ Elementary schools have grade 6 or lower or a low grade of ungraded and no grade higher than 8. Secondary schools have no grade lower than 7. Combined schools have grades lower than 7 and higher than 8.

kindergarten students. Totals differ from data appearing in other tables because of varying survey processing procedures and time period coverages.

NOTE.—Students may participate in more than one program or service. Includes only kindergarten pupils who attend schools that offer first grade or above. Excludes pre-

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996.)

Table 60.—Private elementary and secondary enrollment, teachers, and schools, by selected characteristics: Fall 1995

Selected school characteristics	Kindergarten to 12th grade enrollment ¹				Teachers				Schools			
	Total	Catholic	Other religious	Non-sectarian	Total	Catholic	Other religious	Non-sectarian	Total	Catholic	Other religious	Non-sectarian
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	5,032,200	2,519,205	1,743,791	769,204	361,909	140,941	136,513	84,455	27,686	8,248	13,081	6,357
Level of school												
Elementary	2,835,247	1,835,535	743,112	256,600	176,148	95,306	54,623	26,219	16,744	6,833	6,761	3,150
Secondary	811,422	606,239	121,259	83,924	59,880	38,863	10,390	10,628	2,533	1,149	662	722
Combined	1,385,531	77,430	879,420	428,680	125,881	6,773	71,499	47,609	8,409	266	5,657	2,486
School enrollment												
Less than 150	925,845	152,653	523,779	249,412	93,526	12,091	49,441	31,994	15,843	1,537	9,362	4,944
150 to 299	1,443,244	806,922	474,656	161,666	97,255	45,281	34,663	17,311	6,667	3,630	2,261	775
300 to 499	1,211,421	733,555	348,410	129,456	76,820	39,582	24,352	12,885	3,187	1,923	924	340
500 to 749	790,747	479,808	203,282	107,657	49,810	25,263	14,026	10,522	1,333	813	340	179
750 or more	660,942	346,265	193,664	121,013	44,498	18,725	14,030	11,744	657	344	193	120
Percent minority students												
None	333,914	68,327	238,108	27,479	28,099	4,264	21,278	2,557	4,256	465	3,265	525
1 to 9 percent	2,269,371	1,248,074	773,237	248,061	151,276	69,148	56,896	25,232	9,619	3,900	4,294	1,424
10 to 29 percent	1,257,774	560,629	396,103	301,042	100,786	33,279	32,381	35,125	6,517	1,712	2,680	2,126
30 to 49 percent	385,183	191,536	118,286	75,361	29,139	10,885	8,994	9,259	2,261	602	865	793
50 percent or more	785,958	450,639	218,058	117,260	52,609	23,364	16,963	12,282	5,033	1,569	1,976	1,488
Community type												
Central city	2,492,539	1,325,035	809,785	357,719	173,755	72,906	62,332	38,517	11,357	3,878	4,603	2,876
Urban fringe/large town	1,968,029	995,863	675,252	296,914	141,393	55,139	51,826	34,428	10,325	3,154	4,590	2,581
Rural/small town	571,632	198,307	258,754	114,571	46,761	12,897	22,354	11,510	6,003	1,216	3,888	900

¹ Includes only kindergarten pupils who attend schools that offer first or higher grade.

NOTE.—Includes only schools that offer first grade or above. Excludes prekindergarten students. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Private School Survey, 1995." (This table was prepared February 1999.)

Table 61.—Private elementary and secondary staff and student/staff ratios, by level and orientation of school: 1993–94

Orientation and type of staff	Full-time-equivalent staff				Students per full-time-equivalent staff member			
	Total	Elementary ¹	Secondary ²	Combined ³	Total	Elementary ¹	Secondary ²	Combined ³
1	2	3	4	5	6	7	8	9
Total	534,636	240,894	104,213	189,529	9.3	11.6	7.8	7.2
Principals	23,589	13,180	2,459	7,950	210.7	212.7	329.8	170.6
Assistant principals	8,361	3,094	2,113	3,154	594.5	906.1	383.9	430.0
Other managers	7,801	1,510	3,483	2,808	637.2	1,856.5	232.9	483.0
Instruction coordinators	6,063	1,837	1,293	2,933	819.8	1,526.1	627.3	462.4
Teachers	330,838	155,220	60,644	114,974	15.0	18.1	13.4	11.8
Teacher aides	33,905	16,516	2,566	14,823	146.6	169.7	316.1	91.5
Guidance counselors	8,640	1,713	3,758	3,169	575.3	1,636.5	215.8	428.0
Librarians/media specialists	8,946	4,320	1,950	2,676	555.6	648.9	415.9	506.8
Library/media center aides ..	3,768	1,942	588	1,238	1,319.2	1,443.5	1,379.4	1,095.5
Student support staff ⁴	11,003	2,207	2,684	6,112	451.8	1,270.2	302.2	221.9
Secretaries/clerical staff	37,634	15,170	9,061	13,403	132.1	184.8	89.5	101.2
Other employees ⁵	54,092	24,187	13,615	16,290	91.9	115.9	59.6	83.3
Catholic								
Total	206,094	135,831	59,239	11,024	12.2	13.6	10.0	6.9
Principals	8,186	6,702	1,177	307	307.4	275.8	503.0	247.1
Assistant principals	2,854	1,210	1,475	169	881.6	1,527.5	401.4	448.9
Other managers	3,139	717	2,168	254	801.6	2,577.8	273.1	298.7
Instruction coordinators	1,138	619	477	42	2,211.0	2,985.9	1,241.1	1,806.2
Teachers	132,240	88,524	37,132	6,584	19.0	20.9	15.9	11.5
Teacher aides	9,078	8,144	176	758	277.2	226.9	3,363.7	100.1
Guidance counselors	3,843	1,144	2,341	358	654.7	1,615.6	252.9	211.9
Librarians/media specialists	4,291	2,836	1,230	225	586.4	651.7	481.3	337.2
Library/media center aides ..	1,969	1,489	363	117	1,277.9	1,241.3	1,630.9	648.4
Student support staff ⁴	2,287	1,418	568	301	1,100.2	1,303.4	1,042.3	252.0
Secretaries/clerical staff	13,731	8,139	4,841	751	183.2	227.1	122.3	101.0
Other employees ⁵	23,338	14,889	7,291	1,158	107.8	124.1	81.2	65.5
Other religious orientation								
Total	184,521	72,798	16,970	94,753	9.1	9.9	7.3	8.9
Principals	9,917	4,535	573	4,809	170.0	158.4	217.2	175.4
Assistant principals	3,184	1,102	278	1,804	529.5	651.7	447.7	467.5
Other managers	1,932	584	340	1,008	872.7	1,229.7	366.0	836.8
Instruction coordinators	2,298	775	153	1,370	733.7	926.7	813.4	615.7
Teachers	120,253	46,973	10,366	62,914	14.0	15.3	12.0	13.4
Teacher aides	10,021	4,827	171	5,023	168.3	148.8	727.8	167.9
Guidance counselors	2,001	473	403	1,125	842.6	1,518.3	308.8	749.7
Librarians/media specialists	2,596	977	349	1,270	649.5	735.1	356.6	664.1
Library/media center aides ..	990	330	112	548	1,703.1	2,176.3	1,111.1	1,539.1
Student support staff ⁴	1,318	489	231	598	1,279.3	1,468.7	538.7	1,410.4
Secretaries/clerical staff	13,551	5,033	1,637	6,881	124.4	142.7	76.0	122.6
Other employees ⁵	16,460	6,700	2,357	7,403	102.4	107.2	52.8	113.9
Non-sectarian								
Total	144,025	32,267	28,005	83,753	5.3	7.3	3.4	5.2
Principals	5,486	1,943	709	2,834	140.1	121.9	133.5	154.2
Assistant principals	2,323	782	360	1,181	330.8	303.0	262.9	369.9
Other managers	2,730	209	975	1,546	281.5	1,133.6	97.1	282.6
Instruction coordinators	2,627	443	663	1,521	292.5	534.8	142.7	287.2
Teachers	78,345	19,723	13,146	45,476	9.8	12.0	7.2	9.6
Teacher aides	14,806	3,545	2,219	9,042	51.9	66.8	42.6	48.3
Guidance counselors	2,796	96	1,014	1,686	274.8	2,468.0	93.3	259.1
Librarians/media specialists	2,059	507	371	1,181	373.2	467.3	255.1	369.9
Library/media center aides ..	809	123	113	573	949.9	1,926.3	837.4	762.5
Student support staff ⁴	7,398	300	1,885	5,213	103.9	789.8	50.2	83.8
Secretaries/clerical staff	10,352	1,998	2,583	5,771	74.2	118.6	36.6	75.7
Other employees ⁵	14,294	2,598	3,967	7,729	53.8	91.2	23.9	56.5

¹ Includes schools beginning with grade 6 or below and with no grade higher than 8.
² Schools have no grade lower than 7.
³ Schools have grades lower than 7 and higher than 8.
⁴ Includes student support services professional staff, such as school psychologists, social workers, occupational therapists, speech therapists, and nurses.
⁵ Includes cafeteria workers and maintenance staff.

NOTE.—Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Includes only schools that offer first grade or above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared August 1995.)

Table 62.—Private elementary and secondary enrollment and schools, by amount of tuition, level, and orientation of school: 1993–94

Orientation and tuition	Kindergarten through 12th grade enrollment ¹				Schools				Average tuition paid by students ²			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	4,970,646	2,803,359	811,087	1,356,199	26,093	15,538	2,551	8,004	\$3,116	\$2,138	\$4,578	\$4,266
Catholic	2,516,130	1,848,257	592,011	75,862	8,351	6,924	1,161	266	2,178	1,628	3,643	4,153
Less than \$1,000	393,901	378,724	(³)	(³)	1,786	1,706	(³)	(³)	—	—	—	—
\$1,000 to \$2,499	1,368,046	1,274,601	81,955	(³)	4,834	4,542	235	(³)	—	—	—	—
\$2,500 to \$4,999	675,708	188,123	452,901	(³)	1,533	642	782	(³)	—	—	—	—
\$5,000 or more	71,929	(³)	(³)	(³)	(³)	(³)	(³)	(³)	—	—	—	—
Other religious	1,686,064	718,170	124,447	843,448	12,180	6,328	612	5,240	2,915	2,606	5,261	2,831
Less than \$1,000	113,382	66,259	(³)	45,878	2,435	1,386	(³)	1,044	—	—	—	—
\$1,000 to \$2,499	839,447	387,917	(³)	435,788	6,759	3,645	(³)	3,012	—	—	—	—
\$2,500 to \$4,999	513,773	187,164	62,993	263,615	2,198	970	316	913	—	—	—	—
\$5,000 or more	203,014	68,255	38,655	96,104	738	303	172	263	—	—	—	—
Non-sectarian	768,451	236,932	94,629	436,890	5,563	2,287	778	2,498	6,631	4,693	9,525	7,056
Less than \$1,000	49,128	(³)	(³)	(³)	912	(³)	(³)	(³)	—	—	—	—
\$1,000 to \$2,499	121,869	(³)	(³)	(³)	666	(³)	(³)	(³)	—	—	—	—
\$2,500 to \$4,999	200,857	119,326	(³)	74,395	1,810	1,301	(³)	465	—	—	—	—
\$5,000 or more	396,244	82,596	74,283	239,364	2,166	456	408	1,302	—	—	—	—

¹ Only includes kindergarten students who attend schools that offer first grade or above.
² Tuition weighted by the number of students enrolled in schools.
³ Too few sample cases (fewer than 30 schools) for reliable estimates.
 —Data not applicable.

higher than 8. Secondary schools have no grade lower than 7. Combined schools have grades lower than 7 and higher than 8. Excludes prekindergarten students. Because of rounding and missing values in cells with too few sample cases, details may not add to totals.

NOTE.—Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Elementary schools have grade 6 or lower and no grade

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared August 1995.)

Table 63.—Summary statistics on Catholic elementary and secondary schools, by level: 1919–20 to 1997–98

School year	Number of schools			Enrollment			Instructional staff		
	Total	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
1919–20	8,103	6,551	1,552	1,925,521	1,795,673	129,848	149,516	141,592	17,924
1929–30	10,046	7,923	2,123	2,464,467	2,222,598	241,869	172,552	158,245	14,307
1939–40	10,049	7,944	2,105	2,396,305	2,035,182	361,123	181,057	160,081	120,976
1949–50	8,589	6,589	2,189	3,066,387	2,560,815	505,572	194,295	166,525	127,770
Fall 1960	12,893	10,501	2,392	5,253,791	4,373,422	880,369	1151,902	1108,169	143,733
1969–70	11,771	9,695	2,076	4,658,098	3,607,168	1,050,930	2195,400	2133,200	262,200
1970–71	11,350	9,370	1,980	4,363,566	3,355,478	1,008,088	166,208	112,750	53,458
1974–75	10,127	8,437	1,690	3,504,000	2,602,000	902,000	150,179	100,011	50,168
1975–76	9,993	8,340	1,653	3,415,000	2,525,000	890,000	149,276	99,319	49,957
1979–80	9,640	8,100	1,540	3,139,000	2,293,000	846,000	147,294	97,724	49,570
1980–81	9,559	8,043	1,516	3,106,000	2,269,000	837,000	145,777	96,739	49,038
1981–82	9,494	7,996	1,498	3,094,000	2,266,000	828,000	146,172	96,847	49,325
1982–83	9,432	7,950	1,482	3,007,189	2,211,412	795,777	146,460	97,337	49,123
1983–84	9,401	7,937	1,464	2,969,000	2,179,000	790,000	146,913	98,591	48,322
1984–85	9,325	7,876	1,449	2,903,000	2,119,000	784,000	149,888	99,820	50,068
1985–86	9,220	7,790	1,430	2,821,000	2,061,000	760,000	146,594	96,741	49,853
1986–87	9,102	7,693	1,409	2,726,000	1,998,000	728,000	141,930	93,554	48,376
1987–88	8,992	7,601	1,391	2,623,031	1,942,148	680,883	139,887	93,199	46,688
1988–89	8,867	7,505	1,362	2,551,000	1,912,000	639,000	137,700	93,154	44,546
1989–90	8,719	7,395	1,324	2,499,000	1,894,000	606,000	136,900	94,197	42,703
1990–91	8,587	7,291	1,296	2,475,439	1,883,906	591,533	131,198	91,039	40,159
1991–92	8,508	7,239	1,269	2,442,924	1,856,302	586,622	153,334	109,084	44,250
1992–93	8,423	7,174	1,249	2,444,842	1,860,937	583,905	154,816	109,825	44,991
1993–94	8,345	7,114	1,231	2,444,609	1,859,947	584,662	157,201	112,199	45,002
1994–95	8,293	7,055	1,238	2,475,207	1,877,782	597,425	³ 164,219	³ 117,620	³ 46,599
1995–96	8,250	7,022	1,228	2,491,111	1,884,461	606,650	³ 166,759	³ 118,753	³ 48,006
1996–97	8,231	7,005	1,226	2,497,198	1,885,037	612,161	³ 153,276	³ 107,548	³ 45,728
1997–98	8,223	7,004	1,219	2,497,894	1,879,737	618,157	³ 152,259	³ 105,717	³ 46,542

¹ Includes part-time teachers.
² Includes estimates for the nonreporting schools.
³ Full-time equivalent.

SOURCE: National Catholic Educational Association, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967–68 to 1969–70*, as compiled from the Official Catholic Directory (Copyright © 1970 by the National Catholic Educational Association); *Catholic Schools in America* (1978 edition, Copyright © 1978 by the Franklin Press); and *United States Catholic Elementary and Secondary Schools, 1989–90, 1990–91, 1991–92, 1992–93, 1993–94, 1994–95, 1995–96, 1996–97 and 1997–98* (Copyright © 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, and 1998 by the National Catholic Educational Association. All rights reserved.) (This table was prepared August 1998.)

NOTE.—Data reported by the National Catholic Educational Association and data reported by the National Center for Education Statistics are not directly comparable because survey procedures and definitions differ. Excludes prekindergarten enrollment.

Table 64.—Private elementary and secondary schools, enrollment, teachers, and high school graduates,¹ by state: Fall 1995

State	Number of schools		Enrollment		Teachers		High school graduates, 1994–95	
	Total	Standard error	Total	Standard error	Total	Standard error	Total	Standard error
1	2	3	4	5	6	7	8	9
United States²	27,686	252	5,032,200	20,482	361,909	1,618	245,543	1,009
Alabama	287	—	66,958	—	4,814	—	3,581	—
Alaska	65	—	6,113	—	530	—	178	—
Arizona	296	39	44,134	3,181	3,070	205	2,221	208
Arkansas	245	50	27,454	547	2,081	108	1,081	—
California	3,470	51	629,344	12,386	41,073	695	26,353	103
Colorado	342	9	48,977	147	3,843	44	1,928	—
Connecticut	355	14	70,605	1,022	6,381	107	5,166	—
Delaware	112	17	25,528	1,850	1,878	147	1,436	—
District of Columbia	84	—	17,468	—	1,852	—	1,242	—
Florida	1,284	19	253,831	2,811	19,093	337	10,151	88
Georgia	525	20	97,807	983	8,282	117	5,075	—
Hawaii	127	—	34,541	—	2,532	—	2,603	—
Idaho	77	—	9,210	—	607	—	380	—
Illinois	1,470	52	300,981	1,597	18,617	194	14,681	115
Indiana	661	30	99,258	1,269	6,653	147	4,055	181
Iowa	274	26	49,461	1,041	3,309	78	2,601	—
Kansas	265	52	39,306	775	2,623	105	1,621	—
Kentucky	382	68	67,181	1,995	4,581	362	3,242	8
Louisiana	647	108	147,147	4,944	9,849	517	7,457	96
Maine	134	—	16,896	—	1,531	—	1,759	—
Maryland	606	11	125,092	427	10,142	64	6,235	—
Massachusetts	655	38	125,696	2,936	11,068	268	8,561	15
Michigan	1,034	—	189,065	—	11,550	—	8,805	—
Minnesota	570	36	86,477	430	5,835	72	3,373	—
Mississippi	182	—	50,166	—	3,447	—	3,174	—
Missouri	775	104	126,985	7,179	9,162	816	5,894	152
Montana	88	—	8,458	—	673	—	356	—
Nebraska	279	62	41,320	2,034	2,695	160	1,783	50
Nevada	63	—	12,251	—	711	—	381	—
New Hampshire	210	72	22,633	2,311	2,101	217	1,730	36
New Jersey	914	—	207,275	—	15,585	—	12,030	—
New Mexico	194	23	22,893	2,149	1,756	114	947	—
New York	1,997	35	466,239	936	35,328	234	25,489	—
North Carolina	542	37	81,437	5,583	6,990	442	3,144	—
North Dakota	55	—	7,321	—	523	—	381	—
Ohio	1,071	124	255,277	3,674	15,085	228	12,639	—
Oklahoma	135	—	24,653	—	2,014	—	1,296	—
Oregon	410	106	43,501	3,843	3,431	513	2,042	76
Pennsylvania	1,894	27	346,800	5,848	23,085	356	18,138	927
Rhode Island	128	—	23,543	—	1,941	—	1,354	—
South Carolina	282	—	50,162	—	3,943	—	2,378	—
South Dakota	93	—	10,056	—	724	—	436	—
Tennessee	504	47	80,701	2,337	6,388	184	4,427	27
Texas	1,593	120	229,353	6,768	19,042	717	8,767	209
Utah	97	28	12,840	2,439	1,013	134	590	—
Vermont	84	—	9,669	—	977	—	1,081	—
Virginia	493	24	86,507	782	7,723	142	4,463	—
Washington	504	44	74,890	2,546	5,132	231	2,998	—
West Virginia	135	—	13,241	—	1,113	—	698	—
Wisconsin	961	—	143,231	—	9,312	—	5,119	—
Wyoming	37	—	2,272	—	221	—	24	—

¹ Includes special education, vocational/technical education, and alternative schools. Excludes prekindergarten enrollment.

² NCES employed an area frame sample to account for noninclusion of schools at the national level. However, caution should be exercised in interpreting state by state characteristics since the samples were not designed to produce such numbers.

—Insufficient data to compute a standard error.

NOTE.—Tabulation includes only schools that offer first grade or above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Private School Survey, 1995–96." (This table was prepared July 1998.)

**Table 65.—Public and private elementary and secondary teachers and pupil/teacher ratios, by level:
Fall 1955 to fall 1998**

Year	Public and private elementary and secondary			Public elementary and secondary			Private elementary and secondary		
	Kindergarten to grade 12	Elementary	Secondary	Kindergarten to grade 12	Elementary	Secondary	Kindergarten to grade 12	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10
Number of teachers, in thousands									
1955	1,286	827	459	1,141	733	408	1 145	194	151
1960	1,600	991	609	1,408	858	550	1 192	1 133	1 59
1965	1,933	1,112	822	1,710	965	746	1 223	147	76
1968	2,161	1,223	938	1,936	1,076	860	1 225	147	78
1969	2,245	1,260	986	2,016	1,109	908	1 229	1 151	1 78
1970	2,292	1,283	1,009	2,059	1,130	929	1 233	153	80
1971	2,293	1,263	1,030	2,063	1,111	952	1 230	1 152	1 78
1972	2,337	1,296	1,041	2,106	1,142	964	1 231	1 154	1 77
1973	2,372	1,308	1,064	2,136	1,151	985	1 236	1 157	1 79
1974	2,410	1,330	1,079	2,165	1,166	998	1 245	1 164	1 81
1975	2,453	1,353	1,100	2,198	1,181	1,017	1 255	1 172	1 83
1976	2,457	1,351	1,106	2,189	1,168	1,021	1 268	183	85
1977	2,488	1,375	1,113	2,209	1,185	1,024	1 279	190	89
1978	2,479	1,376	1,103	2,207	1,191	1,016	1 272	185	87
1979	2,461	1,379	1,082	2,185	1,191	994	1 276	1 188	1 88
1980	2,485	1,401	1,084	2,184	1,189	995	1 301	212	89
1981	2,440	1,404	1,037	2,127	1,183	945	1 313	1 221	1 92
1982	2,458	1,413	1,045	2,133	1,182	951	1 325	1 231	1 94
1983	2,476	1,426	1,050	2,139	1,186	953	1 337	240	97
1984	2,508	1,451	1,057	2,168	1,208	960	1 340	1 243	1 97
1985	2,549	1,483	1,066	2,206	1,237	969	1 343	246	97
1986	2,592	1,521	1,071	2,244	1,271	973	1 348	1 250	1 98
1987	2,631	1,563	1,068	2,279	1,306	973	1 353	1 257	1 95
1988	2,668	1,604	1,064	2,323	1,353	970	1 345	1 251	1 94
1989	2,734	1,662	1,072	2,357	1,387	970	1 377	1 275	1 102
1990	2,753	1,683	1,070	2,398	1,429	969	1 355	1 254	1 101
1991	2,787	1,722	1,065	2,432	1,468	964	1 355	1 254	1 101
1992	2,822	1,752	1,070	2,459	1,492	967	1 363	1 260	1 103
1993	2,870	1,775	1,095	2,504	1,513	991	1 366	1 262	1 104
1994	2,926	1,791	1,135	2,552	1,525	1,027	1 374	1 266	1 108
1995	2,978	1,794	1,184	2,598	1,525	1,073	1 380	1 269	1 111
1996	3,053	1,856	1,197	2,666	1,582	1,084	1 387	1 274	1 113
1997 ²	3,103	1,882	1,222	2,710	1,604	1,106	1 394	1 278	1 116
1998 ³	3,126	1,894	1,233	2,728	1,612	1,116	1 399	281	117
Pupil/teacher ratios									
1955	27.4	31.4	20.3	26.9	30.2	20.9	1 31.7	1 40.4	1 15.7
1960	26.4	29.4	21.4	25.8	28.4	21.7	1 30.7	1 36.1	1 18.6
1965	25.1	28.4	20.6	24.7	27.6	20.8	1 28.3	1 33.3	1 18.4
1968	23.5	26.0	20.2	23.2	25.4	20.4	1 25.8	1 29.9	1 17.9
1969	22.7	25.1	19.7	22.6	24.7	20.0	1 24.0	1 27.8	1 16.7
1970	22.4	24.6	19.5	22.3	24.3	19.8	1 23.0	1 26.5	1 16.4
1971	22.4	25.0	19.1	22.3	24.9	19.3	1 22.6	1 25.7	1 16.7
1972	21.7	23.9	18.9	21.7	23.9	19.1	1 21.6	1 24.0	1 16.9
1973	21.3	23.0	19.1	21.3	23.0	19.3	1 21.2	1 23.6	1 16.5
1974	20.8	22.6	18.5	20.8	22.6	18.7	1 20.4	1 22.6	1 16.0
1975	20.3	21.7	18.6	20.4	21.7	18.8	1 19.6	1 21.5	1 15.7
1976	20.1	21.7	18.3	20.2	21.8	18.5	1 19.3	1 20.9	1 15.8
1977	19.6	20.9	17.9	19.7	21.1	18.2	1 18.4	1 20.0	1 15.1
1978	19.2	20.9	17.1	19.3	21.0	17.3	1 18.7	1 20.2	1 15.6
1979	19.0	20.5	17.0	19.1	20.6	17.2	1 18.1	1 19.7	1 14.8
1980	18.6	20.1	16.6	18.7	20.4	16.8	1 17.7	1 18.8	1 15.0
1981	18.7	20.0	16.8	18.8	20.3	16.9	1 17.6	1 18.6	1 15.2
1982	18.4	19.8	16.4	18.6	20.2	16.6	1 17.2	1 18.2	1 14.9
1983	18.2	19.6	16.2	18.4	19.9	16.4	1 17.0	1 18.0	1 14.4
1984	17.9	19.3	16.0	18.1	19.7	16.1	1 16.8	1 17.7	1 14.4
1985	17.6	19.1	15.6	17.9	19.5	15.8	1 16.2	1 17.1	1 14.0
1986	17.4	18.8	15.5	17.7	19.3	15.7	1 15.7	1 16.5	1 13.6
1987	17.3	18.8	15.0	17.6	19.3	15.2	1 15.5	1 16.5	1 13.1
1988	17.0	18.6	14.7	17.3	19.0	14.9	1 15.2	1 16.1	1 12.8
1989	16.8	18.4	14.3	17.2	19.0	14.6	1 14.2	1 15.1	1 11.7
1990	16.9	18.5	14.3	17.2	18.9	14.6	1 14.7	1 16.1	1 11.3
1991	17.0	18.4	14.6	17.3	18.8	15.0	1 14.6	1 16.0	1 11.1
1992	17.1	18.4	14.8	17.4	18.8	15.2	1 14.8	1 16.2	1 11.3
1993	17.1	18.5	14.7	17.4	18.9	15.1	1 14.9	1 16.3	1 11.5
1994	17.0	18.6	14.4	17.3	19.0	14.8	1 15.0	1 16.4	1 11.4
1995	17.0	18.9	14.1	17.3	19.3	14.4	1 15.0	1 16.5	1 11.4
1996	16.8	18.4	14.3	17.1	18.8	14.6	1 14.9	1 16.4	1 11.5
1997 ²	16.7	18.3	14.2	17.0	18.6	14.5	1 14.9	1 16.3	1 11.4
1998 ³	16.9	18.5	14.4	17.2	18.9	14.7	1 14.9	1 16.3	1 11.4

¹ Estimated.

² Preliminary data.

³ Projected.

small number of nursery school teachers and students. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

NOTE.—Data for teachers are expressed in full-time equivalents. Distribution of unclassified teachers by level is estimated. Distribution of elementary and secondary school teachers by level is determined by reporting units. Kindergarten includes a relatively

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*; Common Core of Data surveys; and *Projections of Education Statistics to 2008*. (This table was prepared July 1998.)

Table 66.—Public elementary and secondary teachers, by level and state: Fall 1992 to fall 1997
[In full-time equivalents]

State or other area	Fall 1992	Fall 1993	Fall 1994	Fall 1995				Fall 1996 ¹				Estimated, fall 1997 ²
				Total	Elementary	Secondary	Un-classified	Total	Elementary	Secondary	Un-classified	
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	2,458,956	2,503,901	2,551,875	2,598,220	1,428,852	952,189	217,179	2,666,034	1,485,683	955,052	225,299	2,709,872
Alabama	41,961	43,003	42,791	44,056	24,935	19,121	—	45,040	25,398	19,642	—	44,969
Alaska	7,282	7,193	7,205	7,379	4,780	2,599	—	7,418	4,806	2,612	—	7,826
Arizona	36,076	37,493	38,132	38,017	27,518	10,499	—	40,521	29,581	10,940	—	³ 43,931
Arkansas	26,017	26,014	26,181	26,449	13,882	12,370	197	26,680	14,007	12,399	274	⁴ 26,505
California	218,566	221,787	225,016	230,849	145,601	60,743	24,505	248,857	160,179	63,609	25,069	³ 248,234
Colorado	33,419	33,661	34,894	35,388	17,998	17,390	—	36,398	18,623	17,775	—	³ 37,352
Connecticut	34,193	34,526	35,316	36,070	21,230	9,445	5,395	36,551	21,418	10,812	4,321	28,814
Delaware	6,252	6,380	6,416	6,463	3,205	3,258	—	6,642	3,278	3,364	—	⁴ 6,850
District of Columbia	6,064	6,056	6,110	5,305	3,083	1,815	407	5,288	3,066	1,815	407	³ 5,256
Florida	107,590	110,653	110,674	114,938	50,660	42,745	21,533	120,471	52,755	44,902	22,814	⁴ 124,563
Georgia	66,942	74,172	77,914	79,480	40,888	38,592	—	79,091	56,860	22,231	—	84,235
Hawaii	10,083	10,111	10,240	10,500	5,843	4,616	41	10,576	6,020	4,513	43	10,600
Idaho	11,827	12,007	12,582	12,784	6,505	6,122	157	13,078	6,641	6,274	163	14,200
Illinois	111,461	110,874	110,830	113,538	67,972	29,208	16,358	116,274	69,592	29,826	16,856	119,814
Indiana	54,552	55,107	55,496	55,821	28,257	22,281	2,683	56,708	28,730	25,154	2,824	57,368
Iowa	31,403	31,616	31,726	32,318	19,151	12,063	1,104	32,593	19,420	11,997	1,176	33,266
Kansas	29,753	30,283	30,579	30,729	14,752	12,878	3,099	30,875	14,700	13,133	3,042	30,906
Kentucky	37,868	37,324	38,784	39,120	27,422	11,698	—	39,331	27,402	11,929	—	39,311
Louisiana	46,904	46,913	47,599	46,980	27,691	19,289	—	47,334	28,020	19,314	—	³ 46,985
Maine	15,375	15,344	15,404	15,392	10,553	4,839	—	15,551	10,638	4,913	—	14,700
Maryland	44,495	44,171	46,565	47,819	24,999	22,820	—	47,943	24,305	23,638	—	50,825
Massachusetts	57,225	58,766	60,489	62,710	33,121	30,891	8,698	64,574	23,850	31,983	8,741	66,944
Michigan	82,301	80,267	80,522	83,179	36,406	38,200	8,573	88,051	38,025	40,210	9,816	90,400
Minnesota	45,050	46,956	46,958	46,971	23,979	22,983	9	48,245	25,136	23,096	13	48,400
Mississippi	27,829	28,376	28,866	28,997	15,047	9,070	4,880	29,293	14,925	9,283	5,085	29,844
Missouri	52,984	54,860	56,606	57,951	29,386	27,817	748	59,436	30,120	28,596	720	60,403
Montana	10,135	9,949	10,079	10,076	6,974	3,102	—	10,268	7,002	3,266	—	10,150
Nebraska	19,323	19,616	19,774	20,028	11,452	8,506	70	20,174	11,570	8,523	81	⁴ 20,132
Nevada	11,953	12,579	13,414	13,878	7,057	5,210	1,611	14,805	7,570	5,330	1,905	15,600
New Hampshire	11,654	11,972	12,109	12,346	8,447	3,899	—	12,692	8,895	3,797	—	12,606
New Jersey	83,057	84,564	85,258	86,706	48,359	26,362	11,985	³ 88,903	³ 49,684	³ 26,699	³ 12,524	³ 90,172
New Mexico	17,912	18,404	19,025	19,398	11,311	4,518	3,569	19,971	11,676	4,599	3,696	21,000
New York	176,375	179,413	182,273	181,559	92,550	62,355	26,654	185,104	94,316	63,744	27,044	199,000
North Carolina	66,630	69,421	71,592	73,201	42,990	25,795	4,416	75,239	45,402	26,866	2,971	81,310
North Dakota	7,794	7,755	7,796	7,501	5,061	2,440	—	7,892	4,892	3,000	—	⁴ 7,884
Ohio	106,233	107,444	109,085	107,347	71,376	35,718	253	108,602	72,283	36,075	244	105,275
Oklahoma	38,433	39,031	39,406	39,364	18,582	16,601	4,181	39,491	18,428	16,868	4,195	39,809
Oregon	26,634	26,488	26,208	26,680	13,889	8,981	3,810	26,757	14,137	8,675	3,945	26,914
Pennsylvania	100,912	101,302	102,988	104,921	47,975	44,455	12,491	106,432	48,647	44,851	12,934	106,900
Rhode Island	10,069	9,823	10,066	10,482	4,540	4,477	1,465	10,656	4,897	4,280	1,479	10,764
South Carolina	37,295	38,620	39,437	39,922	27,122	12,800	—	41,463	28,381	13,082	—	41,360
South Dakota	8,767	9,557	9,985	9,641	5,889	2,676	1,076	9,625	5,902	2,700	1,023	9,749
Tennessee	43,566	46,066	47,406	53,403	37,969	13,939	1,495	54,790	39,498	13,762	1,530	51,976
Texas	219,385	224,830	234,213	240,371	118,881	88,843	32,647	247,650	121,146	88,160	38,344	254,185
Utah	19,191	19,053	19,524	20,039	9,162	8,390	2,487	19,734	9,250	7,958	2,526	20,500
Vermont	7,521	7,330	7,566	7,676	3,129	2,969	1,578	7,751	3,095	3,024	1,632	7,833
Virginia	68,181	70,859	72,505	74,731	46,225	28,506	—	74,523	45,735	28,788	—	³ 72,113
Washington	44,295	45,524	46,439	46,907	24,423	18,501	3,983	48,307	24,812	19,289	4,206	⁴ 48,892
West Virginia	20,961	21,029	21,024	21,073	10,600	6,788	3,685	20,888	10,286	7,087	3,515	20,641
Wisconsin	53,387	52,822	54,054	55,033	36,808	17,015	1,210	54,769	37,512	17,257	—	55,987
Wyoming	5,821	6,537	6,754	6,734	3,217	3,391	126	6,729	3,172	3,416	141	6,620
Outlying areas												
American Samoa	725	656	698	728	521	192	15	734	519	200	15	⁴ 822
Guam	1,628	1,644	1,826	1,802	801	825	176	1,552	698	703	151	1,731
Northern Marianas	425	431	406	422	240	182	—	441	260	181	—	⁴ 465
Puerto Rico	38,381	39,816	39,933	39,328	21,680	14,386	3,262	39,743	21,977	14,521	3,245	39,637
Virgin Islands	1,595	1,570	1,528	1,622	731	814	77	1,580	729	789	62	1,645

¹ Data have been revised from previously published figures.² Unless otherwise indicated, data were estimated by state education agencies.³ Data imputed by the National Center for Education Statistics based on previous year's data.⁴ Actual preliminary count by state.

— Data not available, not reported, or not applicable.

NOTE.—Distribution of elementary and secondary teachers determined by reporting units. Teachers reported in full-time equivalents.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared May 1998.)

Table 67.—Teachers, enrollment, and pupil/teacher ratios in public elementary and secondary schools, by state: Fall 1991 to fall 1996

State or other area	Pupil/ teacher ratio, fall 1991	Pupil/ teacher ratio, fall 1992	Pupil/ teacher ratio, fall 1993	Fall 1994			Fall 1995			Fall 1996		
				Teachers	Enrollment	Pupil/ teacher ratio	Teachers	Enrollment	Pupil/ teacher ratio	Teachers	Enrollment	Pupil/ teacher ratio
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	17.3	17.4	17.4	2,551,875	44,111,482	17.3	2,598,220	44,840,481	17.3	2,666,034	45,592,213	17.1
Alabama	17.8	17.4	17.1	42,791	736,531	17.2	44,056	746,149	16.9	45,040	748,156	16.6
Alaska	16.7	16.8	17.5	7,205	127,057	17.6	7,379	127,618	17.3	7,418	129,919	17.5
Arizona	19.3	18.7	18.9	38,132	737,424	19.3	38,017	743,566	19.6	40,521	799,250	19.7
Arkansas	17.0	17.0	17.1	26,181	447,565	17.1	26,449	453,257	17.1	26,680	457,349	17.1
California	22.8	24.0	24.0	225,016	5,407,475	24.0	230,849	5,536,406	24.0	248,857	5,687,901	22.9
Colorado	17.9	18.3	18.6	34,894	640,521	18.4	35,388	656,279	18.5	36,398	673,438	18.5
Connecticut	14.0	14.3	14.4	35,316	506,824	14.4	36,070	517,935	14.4	36,551	527,129	14.4
Delaware	16.8	16.7	16.5	6,416	106,813	16.6	6,463	108,461	16.8	6,642	110,549	16.6
District of Columbia	12.7	13.3	13.3	6,110	80,450	13.2	5,305	79,802	15.0	5,288	78,648	14.9
Florida	17.6	18.4	18.4	110,674	2,111,188	19.1	114,938	2,176,222	18.9	120,471	2,242,212	18.6
Georgia	18.5	18.0	16.7	77,914	1,270,948	16.3	79,480	1,311,126	16.5	79,091	1,346,761	17.0
Hawaii	18.5	17.6	17.8	10,240	183,795	17.9	10,500	187,180	17.8	10,576	187,653	17.7
Idaho	19.4	19.6	19.7	12,582	240,448	19.1	12,784	243,097	19.0	13,078	245,252	18.8
Illinois	16.8	16.8	17.1	110,830	1,916,172	17.3	113,538	1,943,623	17.1	116,274	1,973,040	17.0
Indiana	17.6	17.6	17.5	55,496	969,022	17.5	55,821	977,263	17.5	56,708	983,415	17.3
Iowa	15.7	15.8	15.8	31,726	500,440	15.8	32,318	502,343	15.5	32,593	502,941	15.4
Kansas	15.2	15.2	15.1	30,579	460,838	15.1	30,729	463,008	15.1	30,875	466,293	15.1
Kentucky	17.2	17.3	17.6	38,784	657,642	17.0	39,120	659,821	16.9	39,331	656,089	16.7
Louisiana	16.6	17.0	17.1	47,599	797,933	16.8	46,980	797,366	16.6	47,334	793,296	16.6
Maine	14.0	14.1	14.1	15,404	212,601	13.8	15,392	213,569	13.9	15,551	213,593	13.7
Maryland	16.9	16.9	17.5	46,565	790,938	17.0	47,819	805,544	16.8	47,943	818,583	17.1
Massachusetts	15.1	15.0	14.9	60,489	893,727	14.8	62,710	915,007	14.6	64,574	933,898	14.5
Michigan	19.2	19.5	19.9	80,522	1,614,784	20.1	83,179	1,641,456	19.7	88,051	1,684,386	19.1
Minnesota	17.2	17.6	17.3	46,958	821,693	17.5	46,971	835,166	17.8	48,245	847,204	17.6
Mississippi	17.9	18.2	17.8	28,866	505,962	17.5	28,997	506,272	17.5	29,293	503,967	17.2
Missouri	16.0	16.2	15.8	56,606	878,541	15.5	57,951	889,881	15.4	59,436	900,042	15.1
Montana	15.8	15.8	16.4	10,079	164,341	16.3	10,076	165,547	16.4	10,268	164,627	16.0
Nebraska	14.7	14.6	14.5	19,774	287,100	14.5	20,028	289,744	14.5	20,174	291,967	14.5
Nevada	18.6	18.7	18.7	13,414	250,747	18.7	13,878	265,041	19.1	14,805	282,131	19.1
New Hampshire	15.5	15.6	15.5	12,109	189,319	15.6	12,346	194,171	15.7	12,692	198,308	15.6
New Jersey	13.8	13.6	13.6	85,258	1,174,206	13.8	86,706	1,197,381	13.8	88,903	1,208,179	13.6
New Mexico	17.6	17.6	17.5	19,025	327,248	17.2	19,398	329,640	17.0	19,971	332,632	16.7
New York	15.4	15.2	15.2	182,273	2,766,208	15.2	181,559	2,813,230	15.5	185,104	2,843,131	15.4
North Carolina	16.8	16.7	16.3	71,592	1,156,767	16.2	73,201	1,183,090	16.2	75,239	1,210,108	16.1
North Dakota	15.3	15.2	15.4	7,796	119,288	15.3	7,501	119,100	15.9	7,892	120,123	15.2
Ohio	17.3	16.9	16.8	109,085	1,814,290	16.6	107,347	1,836,015	17.1	108,602	1,844,389	17.0
Oklahoma	15.6	15.5	15.5	39,406	609,718	15.5	39,364	616,393	15.7	39,491	620,695	15.7
Oregon	18.6	19.2	19.5	26,208	521,945	19.9	26,680	527,914	19.8	26,757	537,854	20.1
Pennsylvania	16.8	17.0	17.2	102,988	1,764,946	17.1	104,921	1,787,533	17.0	106,432	1,804,256	17.0
Rhode Island	14.6	14.3	14.8	10,066	147,487	14.7	10,482	149,799	14.3	10,656	151,324	14.2
South Carolina	16.9	17.2	16.7	39,437	648,725	16.4	39,922	645,586	16.2	41,463	653,011	15.7
South Dakota	14.8	15.3	14.9	9,985	143,482	14.4	9,641	144,685	15.0	9,625	143,331	14.9
Tennessee	19.4	19.6	18.8	47,406	881,425	18.6	53,403	893,770	16.7	54,790	905,089	16.5
Texas	15.8	16.1	16.0	234,213	3,677,171	15.7	240,371	3,748,167	15.6	247,650	3,828,975	15.5
Utah	24.9	24.2	24.7	19,524	474,675	24.3	20,039	477,121	23.8	19,734	481,812	24.4
Vermont	13.8	13.1	14.0	7,566	104,533	13.8	7,676	105,565	13.8	7,751	106,341	13.7
Virginia	15.7	15.1	14.8	72,505	1,060,809	14.6	74,731	1,079,854	14.4	74,523	1,096,093	14.7
Washington	20.2	20.2	20.1	46,439	938,314	20.2	46,907	956,572	20.4	48,307	974,504	20.2
West Virginia	15.3	15.2	14.9	21,024	310,511	14.8	21,073	307,112	14.6	20,888	304,052	14.6
Wisconsin	15.7	15.5	16.0	54,054	860,581	15.9	55,033	870,175	15.8	54,769	879,259	16.1
Wyoming	15.6	17.2	15.4	6,754	100,314	14.9	6,734	99,859	14.8	6,729	99,058	14.7
Outlying areas												
American Samoa	19.9	19.3	22.1	698	14,445	20.7	728	14,576	20.0	734	14,766	20.1
Guam	18.9	18.5	18.8	1,826	32,185	17.6	1,802	32,960	18.3	1,552	33,393	21.5
Northern Marianas	16.5	19.0	19.0	406	8,429	20.8	422	8,809	20.9	441	9,041	20.5
Puerto Rico	17.2	16.6	15.9	39,933	621,121	15.6	39,328	627,620	16.0	39,743	618,861	15.6
Virgin Islands	14.1	14.3	14.5	1,528	23,126	15.1	1,622	22,737	14.0	1,580	22,385	14.2

¹Data imputed by the National Center for Education Statistics based on previous year's data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared May 1998.)

NOTE.—Some data have been revised from previously published figures. Teachers reported in full-time equivalents.

Table 68.—Teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total ¹	Percent of teachers, by highest degree earned						Percent of teachers, by years of full-time teaching experience			
		No degree	Associate	Bachelor's	Master's	Educational specialist	Doctor's	Less than 3	3 to 9	10 to 20	Over 20
1	2	3	4	5	6	7	8	9	10	11	12
Public schools											
Total	2,561,294	0.6	0.2	52.0	42.0	4.6	0.7	9.7	25.5	35.0	29.8
Men	694,098	1.3	0.4	46.2	45.7	5.1	1.3	8.9	21.6	29.9	39.6
Women	1,867,195	0.3	0.1	54.1	40.6	4.4	0.5	10.0	26.9	37.0	26.1
Race/ethnicity											
White	2,216,605	0.5	0.1	51.8	42.5	4.4	0.7	9.4	25.5	35.1	30.0
Black	188,371	0.5	0.2	48.4	44.6	5.4	0.9	8.5	20.8	35.5	35.2
Hispanic	108,744	0.9	0.5	62.8	29.8	4.6	1.4	16.7	32.1	34.1	17.1
Asian or Pacific Islander	27,510	0.9	0.4	49.3	34.7	13.1	1.7	14.9	29.7	29.2	26.2
American Indian or Alaskan	20,064	0.8	0.3	54.9	39.1	4.3	0.6	11.3	27.6	34.5	26.6
Age											
Less than 30	280,342	0.5	0.1	83.9	14.5	1.0	0.1	47.8	52.2	(²)	(²)
30 to 39	573,444	0.5	0.2	59.4	36.6	3.0	0.3	10.5	48.7	40.8	(²)
40 to 49	1,070,459	0.4	0.1	46.3	47.0	5.4	0.7	4.3	16.9	47.5	31.3
50 to 59	540,491	0.7	0.2	40.6	51.2	6.1	1.2	1.4	7.8	25.0	65.7
60 or more	96,557	1.5	0.1	43.1	46.2	6.6	2.5	0.8	4.4	19.9	74.9
Level											
Elementary	1,331,281	0.2	(²)	55.5	39.7	4.1	0.4	9.7	27.1	35.5	27.7
General	938,636	0.3	(²)	58.0	38.0	3.5	0.3	9.2	26.5	34.9	29.4
English	2,093	(²)	(²)	46.0	52.3	1.0	0.8	12.5	11.2	17.9	58.4
Mathematics	3,372	(²)	(²)	74.6	24.4	(²)	1.0	11.6	13.1	40.9	34.3
Special education	127,877	(²)	(²)	45.1	46.9	7.2	0.9	11.1	34.1	39.9	15.0
Other elementary	259,304	0.3	0.1	51.3	42.6	4.9	0.8	11.1	25.8	35.6	27.5
Secondary	1,230,013	0.9	0.3	48.2	44.4	5.1	1.1	9.7	23.8	34.5	32.0
English	172,603	0.1	(²)	48.3	44.8	5.5	1.3	9.2	22.9	33.6	34.3
Mathematics	141,051	0.1	(²)	50.2	45.5	3.4	0.8	9.4	24.3	31.7	34.5
Science	132,179	0.2	(²)	47.9	45.8	4.8	1.2	9.5	26.1	31.2	33.2
Social studies	130,045	0.1	(²)	47.8	46.0	4.9	1.2	10.3	20.5	28.7	40.5
Special education	111,215	0.1	0.1	42.1	49.1	7.2	1.3	9.3	28.8	45.1	16.8
Vocational/technical	113,269	7.3	2.3	45.2	39.9	4.7	0.5	6.8	23.0	35.7	34.5
Other secondary	429,653	0.5	0.2	50.1	43.0	5.1	1.1	10.7	23.1	35.6	30.7
Private schools											
Total	378,365	5.2	1.5	59.0	29.8	2.9	1.7	20.9	33.9	29.6	15.6
Men	93,130	4.4	0.9	47.3	40.6	2.6	4.3	21.7	28.2	28.7	21.4
Women	285,235	5.4	1.7	62.8	26.3	3.0	0.8	20.6	35.8	29.9	13.7
Race/ethnicity											
White	347,811	4.8	1.3	59.4	30.2	2.6	1.6	20.4	33.6	30.0	16.0
Black	11,664	8.3	3.7	55.8	26.4	4.8	1.0	26.9	34.9	27.9	10.3
Hispanic	12,221	11.1	4.9	57.4	19.9	4.4	2.3	25.5	41.8	21.6	11.1
Asian or Pacific Islander	5,167	6.8	0.9	46.1	36.8	5.7	3.6	26.1	34.6	26.6	12.7
American Indian or Alaskan	1,502	3.4	6.0	49.4	16.1	25.1	(²)	29.4	42.8	17.9	9.9
Age											
Less than 30	65,168	7.7	1.6	78.8	10.8	1.0	0.2	54.9	44.9	0.1	(²)
30 to 39	93,999	5.9	1.2	63.1	25.7	2.6	1.4	21.7	51.2	27.1	(²)
40 to 49	131,492	3.9	1.6	54.0	35.1	3.4	2.0	12.6	29.8	45.5	12.1
50 to 59	65,691	4.0	1.8	49.7	38.4	3.5	2.5	7.4	15.7	35.7	41.2
60 or more	22,015	5.6	0.9	39.4	46.6	4.4	2.9	6.6	6.5	13.8	73.1
Level											
Elementary	221,036	7.0	1.7	65.9	21.8	2.8	0.8	21.9	36.0	29.0	13.1
General	153,691	6.1	1.3	69.4	19.5	3.2	0.4	17.7	37.4	31.0	14.0
Special education	7,652	5.0	0.2	46.4	45.0	3.4	0.0	18.2	46.8	26.5	8.5
Other elementary	59,692	9.3	2.9	59.3	24.7	1.6	2.0	33.3	31.2	24.2	11.3
Secondary	157,329	2.6	1.2	49.2	41.1	3.0	2.8	19.5	30.9	30.4	19.2
English	24,335	1.6	(²)	51.3	43.1	1.5	2.5	16.3	30.8	31.3	21.7
Mathematics	23,238	1.3	0.9	50.1	42.6	3.0	2.2	14.7	31.1	29.3	24.8
Science	18,399	0.1	(²)	49.5	42.3	4.2	4.0	21.3	27.7	31.2	19.9
Social studies	20,059	0.2	0.4	53.5	38.7	4.1	3.1	21.0	27.8	30.8	20.4
Special education	6,048	0.1	3.7	56.5	33.7	5.1	0.9	17.8	42.8	29.0	10.4
Vocational/technical	2,834	14.0	4.6	40.8	40.6	(²)	(²)	12.7	22.6	42.1	22.6
Other secondary	62,415	4.8	2.0	46.3	40.9	2.9	3.1	22.0	32.1	29.7	16.2

¹ Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere.

² Less than .05 percent.

NOTE.—Excludes prekindergarten teachers. Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers reported on other tables. Details may not add to totals because of survey item nonresponse and rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1997.)

Table 69.—Highest degree earned, number of years teaching experience, and average class size for teachers in public elementary and secondary schools, by state: 1993–94

State	Total ¹	Percent of teachers, by highest degree ²				Percent of teachers, by years of full-time teaching experience				Average class size ³	
		Bachelor's	Master's	Education specialist	Doctor's	Less than 3	3 to 9	10 to 20	Over 20	Elementary	Secondary
1	2	3	4	5	6	7	8	9	10	11	12
United States	2,561,294	52.0 (0.3)	42.0 (0.3)	4.6 (0.1)	0.7 (0.1)	9.7 (0.2)	25.5 (0.3)	35.0 (0.3)	29.8 (0.3)	24.1 (0.1)	23.6 (0.1)
Alabama	44,791	38.5 (1.9)	52.6 (1.7)	7.8 (0.8)	0.7 (0.3)	11.1 (0.8)	22.0 (1.5)	42.2 (1.9)	24.7 (1.5)	21.7 (0.4)	24.2 (0.2)
Alaska	8,152	59.0 (1.1)	35.3 (1.0)	4.2 (0.5)	0.2 (0.1)	8.0 (0.6)	29.3 (1.4)	42.7 (1.4)	20.0 (1.1)	22.6 (0.5)	22.0 (0.5)
Arizona	37,600	51.4 (1.8)	43.3 (1.7)	4.0 (0.6)	0.7 (0.2)	13.1 (1.0)	29.1 (1.6)	38.1 (1.7)	19.8 (1.4)	25.8 (0.4)	25.5 (0.3)
Arkansas	30,621	64.9 (2.1)	32.5 (1.7)	1.8 (0.6)	0.5 (0.1)	9.2 (0.8)	27.3 (1.7)	40.2 (1.8)	23.3 (1.6)	21.0 (0.4)	21.3 (0.3)
California	209,032	58.6 (1.8)	32.6 (1.8)	6.8 (0.7)	1.0 (0.2)	9.8 (0.8)	27.8 (1.9)	31.8 (1.7)	30.7 (1.7)	29.3 (0.3)	29.7 (0.4)
Colorado	35,723	46.5 (1.7)	49.4 (1.7)	2.5 (0.6)	0.5 (0.1)	9.4 (0.8)	26.1 (1.6)	38.7 (1.6)	25.7 (1.4)	24.7 (0.3)	24.5 (0.4)
Connecticut	35,465	19.6 (1.1)	62.4 (1.5)	15.7 (0.7)	1.4 (0.4)	6.4 (0.6)	19.8 (1.1)	35.5 (1.7)	38.3 (1.6)	21.4 (0.2)	19.7 (0.2)
Delaware	7,027	46.0 (1.6)	48.3 (1.8)	5.1 (0.9)	0.2 (0.1)	7.7 (1.0)	24.1 (1.9)	36.2 (2.3)	32.0 (2.1)	24.8 (0.4)	24.1 (0.4)
District of Columbia	5,185	41.2 (1.8)	54.4 (1.7)	2.4 (0.8)	2.0 (0.7)	10.8 (1.4)	14.7 (2.1)	30.6 (2.2)	43.9 (3.4)	21.8 (0.3)	20.7 (0.6)
Florida	106,535	57.2 (1.2)	37.0 (1.2)	3.3 (0.6)	1.4 (0.4)	8.7 (0.9)	29.4 (1.6)	37.8 (1.7)	24.0 (1.4)	26.0 (0.3)	26.6 (0.4)
Georgia	74,907	48.9 (1.5)	42.5 (1.6)	7.7 (0.8)	0.2 (0.1)	13.3 (1.1)	28.3 (1.4)	35.6 (1.4)	22.8 (1.3)	22.2 (0.2)	24.2 (0.3)
Hawaii	11,137	47.8 (2.1)	21.7 (1.5)	27.5 (2.2)	1.1 (0.4)	16.2 (1.4)	28.1 (1.6)	22.0 (1.4)	33.7 (2.2)	23.6 (0.3)	23.6 (0.8)
Idaho	12,166	74.4 (1.6)	21.7 (1.5)	2.6 (0.5)	0.6 (0.2)	12.4 (1.2)	33.3 (1.5)	33.7 (1.3)	20.6 (1.2)	24.0 (0.5)	23.7 (0.4)
Illinois	111,511	49.7 (1.3)	46.1 (1.4)	3.4 (0.5)	0.5 (0.2)	9.0 (0.6)	25.1 (1.0)	30.8 (1.3)	35.1 (1.3)	24.5 (0.3)	24.0 (0.3)
Indiana	57,732	21.4 (1.7)	72.9 (1.7)	4.9 (0.6)	0.1 (0.1)	5.6 (0.8)	24.7 (2.0)	37.1 (2.2)	32.6 (2.0)	21.9 (0.4)	23.0 (0.3)
Iowa	35,861	67.3 (1.8)	31.3 (1.9)	1.2 (0.5)	0.2 (0.1)	10.1 (1.0)	23.3 (1.7)	32.1 (2.1)	34.5 (2.3)	22.5 (0.6)	21.4 (0.5)
Kansas	31,164	53.5 (1.4)	42.8 (1.2)	2.3 (0.5)	1.1 (0.3)	12.3 (0.8)	28.2 (1.3)	35.2 (1.3)	24.3 (1.1)	20.6 (0.3)	20.7 (0.4)
Kentucky	41,571	23.4 (2.2)	56.8 (2.4)	18.7 (1.5)	0.8 (0.4)	9.5 (1.6)	26.8 (2.3)	32.9 (2.2)	30.8 (2.2)	24.4 (0.9)	23.5 (0.4)
Louisiana	48,948	60.5 (1.6)	31.2 (1.5)	6.9 (0.7)	0.5 (0.1)	9.7 (0.8)	29.8 (1.3)	35.1 (1.4)	25.5 (1.3)	22.9 (0.3)	23.7 (0.3)
Maine	15,658	68.4 (1.9)	28.4 (1.9)	1.6 (0.4)	0.2 (0.1)	7.0 (0.7)	28.7 (1.9)	37.4 (1.8)	26.9 (1.8)	21.5 (1.1)	18.5 (0.4)
Maryland	43,862	43.3 (1.9)	49.7 (2.3)	6.2 (1.1)	0.6 (0.2)	11.7 (0.9)	23.6 (1.6)	32.4 (1.4)	32.4 (1.5)	26.3 (0.7)	25.0 (0.3)
Massachusetts	58,416	38.8 (1.2)	54.8 (1.4)	3.9 (0.5)	0.9 (0.1)	8.4 (0.7)	17.1 (1.0)	33.6 (1.3)	41.0 (1.1)	23.1 (0.4)	20.9 (0.3)
Michigan	83,288	46.6 (1.9)	48.1 (1.8)	4.7 (0.8)	0.6 (0.3)	7.4 (1.0)	21.5 (1.8)	29.4 (2.1)	41.9 (2.2)	27.3 (1.9)	25.5 (0.3)
Minnesota	44,150	63.4 (2.1)	33.6 (2.0)	2.6 (0.6)	0.4 (0.2)	13.0 (1.1)	20.0 (1.5)	33.0 (1.7)	34.0 (1.8)	24.5 (1.0)	25.9 (0.4)
Mississippi	29,851	56.3 (1.5)	37.5 (1.7)	4.3 (0.9)	0.4 (0.2)	10.5 (0.8)	22.8 (1.4)	39.8 (1.8)	26.9 (1.2)	23.6 (0.4)	22.5 (0.4)
Missouri	62,454	54.3 (2.0)	42.4 (1.9)	2.2 (0.5)	0.6 (0.2)	10.6 (1.1)	26.9 (2.0)	37.2 (2.2)	25.3 (1.9)	23.7 (0.5)	22.5 (0.4)
Montana	12,851	71.3 (1.3)	26.0 (1.1)	1.8 (0.4)	0.5 (0.2)	11.1 (0.7)	27.5 (1.3)	39.0 (1.3)	22.5 (1.1)	21.2 (0.8)	19.3 (0.4)
Nebraska	20,411	61.5 (1.7)	36.0 (1.6)	1.9 (0.4)	0.4 (0.2)	10.1 (1.0)	24.4 (1.4)	39.0 (1.1)	26.5 (1.6)	20.0 (0.8)	18.7 (0.4)
Nevada	12,822	50.5 (2.2)	42.8 (2.3)	5.7 (0.9)	0.6 (0.3)	12.0 (1.1)	33.2 (2.4)	35.0 (1.8)	19.8 (1.8)	24.4 (0.7)	26.6 (0.6)
New Hampshire	12,299	60.2 (2.0)	35.9 (1.9)	2.6 (0.6)	0.7 (0.3)	10.6 (1.2)	26.8 (1.7)	38.2 (1.6)	24.4 (1.6)	21.8 (0.4)	20.5 (0.4)
New Jersey	83,935	56.2 (2.9)	37.4 (2.7)	4.8 (1.0)	1.0 (0.3)	5.8 (0.8)	21.1 (2.0)	34.6 (2.4)	38.5 (1.9)	23.2 (0.8)	20.5 (0.4)
New Mexico	19,265	53.2 (1.6)	43.6 (1.6)	2.2 (0.5)	0.4 (0.2)	12.5 (1.0)	32.5 (1.4)	33.9 (1.6)	21.1 (1.5)	21.9 (0.3)	24.5 (0.4)
New York	178,701	25.0 (1.9)	68.1 (1.9)	5.3 (0.8)	1.5 (0.6)	10.3 (1.2)	23.9 (1.7)	29.7 (1.6)	36.1 (2.0)	23.9 (0.4)	23.2 (0.4)
North Carolina	72,305	61.8 (1.5)	35.0 (1.6)	1.2 (0.4)	0.5 (0.3)	9.7 (0.7)	26.6 (1.4)	38.8 (1.3)	25.0 (1.3)	24.8 (0.2)	22.4 (0.3)
North Dakota	8,404	79.3 (1.1)	18.0 (0.9)	1.6 (0.3)	0.2 (0.1)	12.1 (1.0)	27.2 (1.0)	37.7 (1.5)	23.0 (1.4)	20.7 (0.7)	19.7 (0.5)
Ohio	111,518	53.2 (2.2)	41.8 (2.3)	3.1 (0.7)	0.4 (0.2)	6.8 (0.8)	23.2 (1.8)	38.6 (2.1)	31.4 (2.1)	25.0 (1.2)	22.3 (0.4)
Oklahoma	42,220	56.9 (1.8)	39.5 (1.9)	3.2 (0.5)	0.4 (0.2)	10.4 (0.8)	27.0 (1.7)	41.2 (1.8)	21.5 (1.1)	20.5 (0.4)	20.5 (0.3)
Oregon	25,706	51.5 (1.9)	43.1 (1.9)	4.0 (0.9)	0.8 (0.5)	7.4 (0.8)	27.0 (1.6)	39.6 (1.7)	26.0 (1.7)	24.4 (0.3)	23.9 (0.4)
Pennsylvania	114,571	46.7 (2.3)	45.6 (1.9)	6.9 (1.2)	0.3 (0.2)	6.9 (1.0)	18.3 (2.0)	33.0 (2.2)	41.8 (2.2)	25.2 (0.6)	24.1 (0.3)
Rhode Island	9,217	40.1 (2.5)	53.3 (2.4)	5.7 (0.9)	1.0 (0.5)	7.2 (1.1)	21.9 (1.8)	28.6 (1.7)	42.3 (2.0)	23.2 (0.6)	20.8 (0.5)
South Carolina	39,623	48.8 (2.5)	43.4 (2.6)	5.6 (0.9)	0.7 (0.3)	10.5 (1.4)	25.1 (1.9)	42.3 (1.9)	22.1 (1.7)	23.3 (0.7)	22.5 (0.4)
South Dakota	10,579	75.1 (1.2)	23.2 (1.1)	1.5 (0.3)	0.1 (0.1)	10.4 (0.7)	28.6 (1.2)	37.3 (1.1)	23.8 (1.2)	19.2 (0.3)	20.9 (0.4)
Tennessee	47,662	51.2 (2.0)	42.0 (2.0)	4.8 (0.8)	1.2 (0.4)	12.4 (1.1)	22.9 (1.9)	35.5 (2.0)	29.2 (2.2)	24.4 (1.2)	25.2 (0.4)
Texas	223,800	69.7 (1.3)	26.8 (1.5)	1.8 (0.4)	0.9 (0.5)	12.1 (0.9)	30.1 (1.5)	37.5 (1.4)	20.4 (1.4)	20.1 (0.2)	22.5 (0.4)
Utah	19,884	70.6 (1.4)	23.5 (1.3)	4.2 (0.7)	0.4 (0.1)	12.7 (0.8)	32.8 (1.4)	36.1 (1.4)	18.3 (1.0)	27.5 (0.4)	28.8 (0.2)
Vermont	7,327	49.4 (1.8)	47.5 (1.8)	2.1 (0.8)	0.5 (0.4)	12.3 (1.5)	25.3 (1.9)	34.4 (1.9)	28.0 (1.8)	19.7 (0.8)	19.2 (0.4)
Virginia	64,937	64.4 (2.1)	31.3 (2.0)	2.4 (0.6)	0.5 (0.2)	10.5 (1.2)	26.0 (2.2)	37.5 (2.0)	26.1 (1.9)	22.6 (0.3)	21.6 (0.3)
Washington	48,452	56.3 (1.9)	37.5 (2.2)	3.6 (0.9)	1.0 (0.3)	10.8 (0.9)	30.1 (2.0)	32.2 (1.9)	26.9 (1.6)	25.9 (1.3)	25.5 (0.2)
West Virginia	21,473	41.7 (1.7)	53.1 (1.7)	4.3 (0.6)	—	4.4 (0.8)	21.6 (1.6)	42.7 (1.5)	31.4 (1.7)	20.9 (0.5)	22.5 (0.3)
Wisconsin	62,958	59.3 (1.7)	38.1 (1.6)	1.7 (0.4)	0.6 (0.3)	9.1 (0.8)	24.7 (1.8)	29.5 (2.2)	36.7 (1.2)	23.1 (0.4)	23.1 (0.4)
Wyoming	7,567	71.3 (1.0)	26.5 (0.9)	1.4 (0.3)	0.4 (0.1)	9.4 (0.8)	22.6 (1.2)	41.6 (1.3)	26.5 (1.3)	21.0 (0.3)	19.3 (0.3)

¹Data are based on a head count of all teachers rather than on the number of full-time-equivalent teachers appearing in other tables.

²Teachers with less than a bachelor's degree are not shown.

³Elementary teachers are those who taught self-contained classes at the elementary level and secondary teachers are those who taught departmentalized classes (e.g., science, art, social science, or other course subjects) at the secondary level. Excludes special education teachers. Teachers were classified as elementary or secondary on the basis of the grades they taught, rather than on the level of the school in which they taught.

—Data not available.

NOTE.—Excludes prekindergarten teachers. Details may not add to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94;" and *Condition of Education, 1997, Supplemental Tables*. (This table was prepared February 1998.)

Table 70.—Selected characteristics of public school teachers: Spring 1961 to spring 1996

Item	1961	1966	1971	1976	1981	1986	1991	1996
1	2	3	4	5	6	7	8	9
Number of teachers, in thousands	1,408	1,710	2,055	2,196	2,185	2,206	2,398	2,164
Sex (percent)								
Men	31.3	31.1	34.3	32.9	33.1	31.2	27.9	25.6
Women	68.7	68.9	65.7	67.1	66.9	68.8	72.1	74.4
Median age (years)								
All teachers	41	36	35	33	37	41	42	44
Men	34	33	33	33	38	42	43	46
Women	46	40	37	33	36	41	42	44
Race (percent)								
White	—	—	88.3	90.8	91.6	89.6	86.8	90.7
Black	—	—	8.1	8.0	7.8	6.9	8.0	7.3
Other	—	—	3.6	1.2	0.7	3.4	5.2	2.0
Marital status (percent)								
Single	22.3	22.0	19.5	20.1	18.5	12.9	11.7	12.4
Married	68.0	69.1	71.9	71.3	73.0	75.7	75.7	75.9
Widowed, divorced, or separated	9.7	9.0	8.6	8.6	8.5	11.4	12.6	11.8
Highest degree held (percent) ¹								
Less than bachelor's	14.6	7.0	2.9	0.9	0.4	0.3	0.6	0.3
Bachelor's	61.9	69.6	69.6	61.6	50.1	48.3	46.3	43.6
Master's or specialist degree	23.1	23.2	27.1	37.1	49.3	50.7	52.6	54.5
Doctor's	0.4	0.1	0.4	0.4	0.3	0.7	0.5	1.7
College credits earned in last 3 years								
Percent who earned credits	—	—	60.7	63.2	56.1	53.1	50.3	50.2
Mean number of credits earned ²	—	—	14	—	9	4	4	—
Median years of teaching experience	11	8	8	8	12	15	15	15
Teaching for first year (percent)	8.0	9.1	9.1	5.5	2.4	3.1	3.0	2.1
Average number of pupils per class								
Elementary teachers, not departmentalized	29	28	27	25	25	24	24	24
Elementary teachers, departmentalized	—	—	25	23	22	—	—	—
Secondary teachers	28	26	27	25	23	25	26	31
Mean number of students taught per day by secondary teachers	138	132	134	126	118	94	93	97
Average number of hours in required school day	7.4	7.3	7.3	7.3	7.3	7.3	7.2	7.3
Average number of hours per week spent on all teaching duties								
All teachers	47	47	47	46	46	49	47	49
Elementary teachers	49	47	46	44	44	47	44	47
Secondary teachers	46	48	48	48	48	51	50	52
Average number of days of classroom teaching in school year	—	181	181	180	180	180	180	180
Average number of nonteaching days in school year	—	5	4	5	6	5	5	6
Average annual salary as classroom teacher	³ \$5,264	\$6,253	\$9,261	\$12,005	\$17,209	\$24,504	\$31,790	\$35,549
Total income, including spouse's (if married)	—	—	\$15,021	\$19,957	\$29,831	\$43,413	\$55,491	\$63,171
Willingness to teach again (percent)								
Certainly would	49.9	52.6	44.9	37.5	21.8	22.7	28.6	32.1
Probably would	26.9	25.4	29.5	26.1	24.6	26.3	30.5	30.5
Chances about even	12.5	12.9	13.0	17.5	17.6	19.8	18.5	17.3
Probably would not	7.9	7.1	8.9	13.4	24.0	22.0	17.0	15.8
Certainly would not	2.8	2.0	3.7	5.6	12.0	9.3	5.4	4.3

¹ Figures for curriculum specialist or professional diploma based on six years of college study are not included.

² Measured in semester hours.

³ Includes extra pay for extra duties.

—Data not available.

NOTE.—Data are based upon sample surveys of public school teachers. Data differ from figures appearing in other tables because of varying processing procedures and time period coverages. Because of rounding, percents may not add to 100.0.

SOURCE: National Education Association, "Status of the American Public School Teacher, 1995-96." (Copyright © 1997 by the National Education Association. All rights reserved.) (This table was prepared October 1997.)

Table 71.—Public secondary school teachers, by subject taught: Spring 1966 to spring 1996
[Percentage distribution]

Teaching field in which largest portion of time was spent	1966	1971	1976	1981	1986	1991	1996
1	2	3	4	5	6	7	8
Total secondary school teachers, in thousands	746	927	1,016	995	970	1,012	1,049
All fields	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Agriculture	1.6	0.6	0.6	1.1	0.6	0.3	0.5
Art	2.0	3.7	2.4	3.1	1.5	2.6	3.3
Business education	7.0	5.9	4.6	6.2	6.5	3.5	4.1
English	18.1	20.4	19.9	23.8	21.8	25.0	23.9
Foreign language	6.4	4.8	4.2	2.8	3.7	3.8	5.2
Health and physical education	6.9	8.3	7.9	6.5	5.6	7.5	5.9
Home economics	5.9	5.1	2.8	3.6	2.6	3.1	2.2
Industrial arts	5.1	4.1	3.9	5.2	2.2	2.1	0.5
Mathematics	13.9	14.4	18.2	15.3	19.2	14.5	17.2
Music	4.7	3.8	3.0	3.7	4.8	4.2	4.3
Science	10.8	10.6	13.1	12.1	11.0	13.3	12.6
Social studies	15.3	14.0	12.4	11.2	13.6	11.0	13.4
Special education	0.4	1.1	3.0	2.1	3.5	5.2	1.7
Other	1.9	3.1	4.0	3.3	3.4	3.9	5.2

NOTE.—Because of rounding, percents may not add to 100.0. Data are based upon sample surveys of public school teachers.

SOURCE: National Education Association, *Status of the American Public School Teacher, 1995–96*. (Copyright © 1997 by the National Education Association. All rights reserved.) (This table was prepared October 1997.)

Table 72.—Percent of vocational and nonvocational public school teachers of grades 9 to 12, by selected demographic and educational characteristics: 1993–94

Characteristics of teachers	Total	Teacher type		Characteristics of teachers	Total	Teacher type	
		Non-vocational	Vocational			Non-vocational	Vocational
1	2	3	4	1	2	3	4
Total	100.0	100.0	100.0				
Sex				Major field of study			
Male	48.3	46.2	63.2	Business and management	1.1	0.7	6.5
Female	51.7	53.8	36.8	Education	52.4	50.3	75.2
				Academic area	26.7	28.6	5.3
				English education	5.2	5.7	0.3
				Music education	3.4	3.7	0.2
				Physical education	9.1	9.5	3.8
				Other academic area	9.0	9.7	1.0
				Administration	5.3	5.1	7.0
				General	4.5	4.6	3.3
				Special education	6.8	7.3	1.3
				Vocational education	6.5	3.7	37.2
				Other education	7.9	6.7	21.5
				English	4.1	4.4	0.3
				Foreign language	4.7	5.1	0.1
				Mathematics	3.2	3.5	0.6
				Sciences	7.8	8.1	4.3
				Social sciences and history	10.0	10.7	1.8
				Visual and performing arts	2.6	2.7	1.0
				Other	6.1	6.2	5.5
				Age at which first began to teach full-time or part-time			
				25 or under	75.7	75.6	76.5
				26 to 35	22.1	22.1	21.7
				36 to 45	2.2	2.2	1.9
				46 to 55	0.1	0.1	0.0
Highest college degree							
Less than a bachelor's degree	1.7	0.5	10.3				
Bachelor's degree	46.6	47.0	43.5				
Master's degree	45.4	46.2	39.8				
Education specialist ¹	5.3	5.2	5.6				
Doctorate or first professional	1.1	1.1	0.7				

¹ Education specialist degrees or certificates are generally awarded for one year's work beyond the master's level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996.)

Table 73.—Mobility of public and private elementary and secondary teachers, by selected school and teacher characteristics: 1987–88 to 1994–95

Characteristic	Percentage distribution of public school teachers									Percentage distribution of private school teachers				
	1987–88 to 1988–89			1990–91 to 1991–92			1993–94 to 1994–95			1987–88 to 1988–89	1990–91 to 1991–92	1993–94 to 1994–95		
	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching	Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching			Re-remained teaching in the same school	Re-remained in teaching but changed schools	Left teaching
	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching	Left teaching		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	86.5	7.9	5.6	87.6	7.3	5.1	86.3	7.2	6.6	12.7	12.3	82.3	5.8	11.9
Sex														
Male	87.7	7.3	5.1	89.1	6.4	4.5	88.2	6.6	5.2	10.2	12.1	82.1	4.8	13.1
Female	86.1	8.1	5.8	87.1	7.6	5.3	85.6	7.4	7.1	13.4	12.3	82.4	6.1	11.6
Race/ethnicity														
White, non-Hispanic	86.5	7.8	5.7	87.6	7.3	5.1	86.7	6.8	6.5	12.1	12.0	82.5	5.7	11.7
Total minority	87.0	8.6	4.4	87.5	7.1	5.3	83.7	9.5	6.8	21.4	15.4	79.2	—	14.8
Black, non-Hispanic	86.2	8.8	5.1	85.5	8.3	6.1	84.9	8.5	6.6	34.7	19.3	82.3	—	12.6
Hispanic	88.9	8.2	2.9	89.6	6.0	4.4	79.4	11.5	9.1	21.3	13.6	77.2	—	14.6
Age														
Less than 25	78.7	17.0	4.3	73.8	17.2	9.1	81.1	15.2	3.8	19.0	23.8	67.4	12.6	20.0
25 to 29	75.0	16.1	9.0	76.6	14.3	9.0	76.3	13.7	10.0	17.6	17.8	76.1	10.8	13.1
30 to 39	85.2	9.0	5.8	85.9	9.9	4.2	84.8	8.6	6.7	12.4	13.7	77.6	7.5	14.9
40 to 49	91.2	6.4	2.4	92.5	5.5	2.0	89.9	6.1	3.9	10.5	7.7	87.2	4.1	8.7
50 to 59	90.4	3.9	5.7	89.3	4.0	6.7	88.9	4.8	6.3	11.3	9.6	89.3	2.4	8.2
60 to 64	72.0	4.5	23.4	71.0	2.2	26.8	68.0	1.5	30.5	16.9	17.8	84.9	2.0	13.1
65 and over	83.3	0.0	16.7	48.9	10.3	40.9	63.2	—	34.1	7.9	20.7	56.6	—	41.9
Full-time teaching experience														
Less than 1 year	76.9	11.5	11.6	51.5	31.3	17.2	79.7	11.1	9.3	27.4	28.4	70.3	7.6	22.1
1 to 3 years	77.4	14.3	8.3	79.7	13.1	7.2	79.6	12.7	7.8	15.9	16.7	72.3	10.3	17.3
1 year	77.3	14.2	8.5	79.0	12.6	8.4	81.2	12.4	6.4	18.8	18.8	66.7	11.6	21.7
2 years	78.8	13.6	7.6	78.7	14.1	7.1	76.4	14.6	9.1	14.6	15.8	71.9	11.2	17.0
3 years	76.0	15.2	8.8	81.6	12.4	5.9	81.4	10.8	7.8	14.3	14.7	79.8	7.8	12.4
4 to 9 years	82.9	11.1	6.0	84.8	9.9	5.3	83.0	9.9	7.1	12.8	12.7	81.2	7.0	11.9
10 to 19 years	89.3	6.7	4.0	91.0	6.5	2.4	89.1	6.6	4.4	11.4	6.2	89.7	2.4	7.9
20 to 24 years	93.6	4.1	2.2	93.3	3.3	3.4	92.5	2.8	4.6	7.4	4.7	92.3	2.5	5.2
25 years or more	84.9	4.1	11.0	85.9	3.1	11.0	84.9	4.1	11.1	7.4	14.6	85.5	2.9	11.6
Level taught														
Elementary	85.0	9.5	5.5	87.1	8.1	4.8	86.0	7.6	6.4	12.5	11.3	82.4	6.1	11.5
Secondary	88.1	6.2	5.6	88.2	6.4	5.5	86.6	6.7	6.7	12.9	13.3	82.2	5.2	12.6
School size														
Less than 150	85.6	9.8	4.5	86.6	8.1	5.3	78.6	10.3	11.1	19.4	17.0	76.0	7.9	16.2
150 to 299	84.6	9.9	5.4	88.0	7.7	4.3	85.8	7.0	7.1	12.1	13.8	79.6	8.0	12.4
300 to 499	86.9	7.5	5.6	85.8	8.5	5.7	86.2	7.3	6.5	10.2	7.7	84.3	3.2	12.5
500 to 749	86.8	7.5	5.7	87.7	7.6	4.7	85.3	7.1	7.6	9.2	9.8	89.6	3.3	7.1
750 or more	87.7	7.4	4.9	88.6	6.1	5.4	87.7	6.6	5.7	12.8	6.7	89.6	4.2	6.2
Percent minority enrollment														
Less than 5%	88.0	6.9	5.1	89.6	5.7	4.6	87.1	4.9	8.0	13.2	11.5	83.9	5.1	11.0
5 to 19%	86.6	7.6	5.8	88.1	6.4	5.5	87.3	6.7	6.0	10.3	12.2	84.8	4.2	11.1
20 to 49%	87.3	7.6	5.2	85.6	8.6	5.9	86.6	7.2	6.2	18.9	12.2	77.0	7.4	15.6
50% or more	85.0	9.7	5.3	86.2	8.9	4.9	83.6	9.6	6.8	13.6	13.1	75.8	10.9	13.2
Community type														
Central city	—	—	—	86.3	8.6	5.2	86.1	7.6	6.3	—	12.7	83.4	5.7	10.9
Urban fringe/small town	—	—	—	87.2	7.3	5.5	86.3	7.2	6.5	—	10.6	81.9	5.5	12.6
Rural/small town	—	—	—	88.8	6.4	4.8	86.4	6.8	6.8	—	13.9	80.0	6.4	13.6

—Data not available or not applicable.

NOTE.—Details may not add to 100 percent due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Characteristics of Stayers, Movers, and Leavers: Results from the Teacher Followup Survey: 1994–95*. (This table was prepared April 1997.)

Table 74.—Average salaries for full-time teachers in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total earned income	Base salary	Number of full-time teachers	School year supplemental contract		Supplemental contract during summer		Number of teachers with nonschool employment		
				Number of teachers	Supplemental salary	Number of teachers	Supplemental salary	Teaching or tutor	Education related	Not education related
1	2	3	4	5	6	7	8	9	10	11
Public schools										
Total	\$36,498	\$34,153	2,340,443	815,827	\$2,075	401,516	\$2,070	118,603	80,014	237,177
Men	41,031	36,182	642,807	348,855	2,923	147,299	2,530	37,297	39,150	124,487
Women	34,781	33,384	1,697,636	466,972	1,442	254,218	1,803	81,305	40,863	112,689
Race/ethnicity										
White, non-Hispanic	36,576	34,221	2,012,142	722,694	2,067	328,492	2,015	100,017	68,991	208,306
Black, non-Hispanic	36,200	33,889	181,896	48,968	2,325	40,819	2,221	10,734	5,490	16,336
Hispanic	35,197	32,996	102,965	31,653	1,930	24,122	2,477	5,817	3,644	7,337
Asian or Pacific Islander	38,292	36,134	25,383	6,391	1,873	5,381	2,285	1,298	910	2,327
American Indian or Alaskan Native	35,635	32,994	18,057	6,121	2,068	2,703	2,305	737	979	2,871
Age										
Less than 30	27,151	24,737	258,692	113,918	1,777	51,862	1,819	11,924	8,078	28,228
30 to 39	31,596	29,270	517,638	204,607	2,163	102,314	1,942	24,860	19,623	49,690
40 to 49	38,106	35,751	974,299	328,974	2,107	161,320	2,053	50,193	34,480	100,528
50 or more	42,243	39,931	589,815	168,328	2,109	86,021	2,404	31,625	17,833	58,730
Years of teaching experience										
First year	26,641	23,544	99,833	35,238	1,573	16,007	2,516	4,554	2,463	13,210
2 to 4 years	27,217	25,089	272,905	109,127	1,660	54,192	1,806	10,991	9,575	30,150
5 to 9 years	30,709	28,451	388,370	145,326	1,998	79,198	2,046	23,195	11,272	36,451
10 to 14 years	33,805	31,792	355,460	114,950	2,110	58,360	2,003	16,150	12,281	30,036
15 to 19 years	37,984	35,809	380,168	131,094	2,177	65,105	1,842	19,878	14,175	35,835
20 or more years	43,796	41,215	843,707	280,091	2,279	128,653	2,285	43,835	30,248	91,495
Level										
Elementary	34,944	33,517	1,193,257	254,890	1,503	170,059	1,801	47,820	27,084	90,749
Secondary	38,114	34,815	1,147,186	560,937	2,335	231,457	2,267	70,783	52,930	146,427
Private schools										
Total	\$24,053	\$21,968	302,431	64,063	\$1,894	62,847	\$2,122	20,237	11,424	34,099
Men	30,215	26,120	72,264	27,418	2,408	21,317	2,584	3,993	4,969	14,283
Women	22,118	20,669	230,167	36,645	1,509	41,530	1,885	16,244	6,456	19,816
Race/ethnicity										
White, non-Hispanic	24,084	22,000	278,749	59,475	1,903	55,950	2,109	18,461	10,677	31,724
Black, non-Hispanic	23,043	20,796	8,946	1,350	2,451	3,024	2,173	(¹)	(¹)	(¹)
Hispanic	22,256	20,672	9,862	2,013	1,209	2,269	2,298	(¹)	(¹)	(¹)
Asian or Pacific Islander	28,505	25,861	3,786	997	2,054	1,185	2,643	(¹)	(¹)	(¹)
American Indian or Alaskan Native	25,082	21,625	1,088	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Age										
Less than 30	19,438	17,010	56,709	14,802	1,572	15,865	1,781	4,600	2,373	8,982
30 to 39	23,334	20,925	73,855	16,590	1,947	17,227	2,161	4,636	3,247	10,087
40 to 49	25,230	23,224	102,226	21,284	1,915	20,355	2,196	6,965	3,794	9,580
50 or more	26,845	25,273	69,641	11,388	2,193	9,400	2,467	4,035	2,010	5,449
Years of teaching experience										
First year	19,408	16,318	22,922	4,832	1,539	4,545	1,973	1,798	(¹)	3,395
2 to 4 years	19,858	17,719	54,831	12,001	1,580	15,974	1,899	3,970	1,924	8,207
5 to 9 years	21,764	19,748	66,567	13,905	1,816	14,111	2,112	4,625	3,184	8,044
10 to 14 years	24,266	22,424	49,880	10,007	1,741	9,171	2,032	2,369	1,404	5,133
15 to 19 years	27,238	25,351	42,209	8,985	2,129	8,460	2,257	3,601	1,812	3,452
20 or more years	29,258	27,178	66,022	14,334	2,310	10,585	2,508	3,874	2,320	5,867
Level										
Elementary	21,485	19,977	179,936	23,015	1,514	33,338	1,846	11,805	5,645	18,137
Secondary	27,824	24,896	122,496	41,048	2,106	29,509	2,435	8,432	5,780	15,962

¹ Too few sample cases (fewer than 30) for a reliable estimate.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94," unpublished data. (This table was prepared November 1997.)

NOTE.—Details may not add to totals because of rounding or missing values in cells with too few cases, or survey item nonresponse.

Table 75.—Opinions of public school teachers on the overall quality of education that students received at their school, by selected characteristics: 1987 and 1997

Student characteristics	Percent of teachers							
	1987				1997			
	Excellent	Good	Fair	Poor	Excellent	Good	Fair	Poor
1	2	3	4	5	6	7	8	9
Total	26	64	9	1	37	55	7	1
Urbanicity								
Urban	18	65	15	1	30	56	12	2
Suburban	29	62	8	1	50	47	3	0
Small town	26	64	9	1	36	59	5	0
Rural	26	64	8	2	33	58	8	(1)
Median income of community where most students live								
\$30,000 or less	—	—	—	—	29	59	10	1
More than \$30,000	—	—	—	—	49	48	2	0

¹ Value less than .05 percent.
—Data not available.

SOURCE: Metropolitan Life/Louis Harris Associates, Inc., *The Metropolitan Life Survey of The American Teacher, 1998*. "Building Family-School Partnerships: Views of Teachers and Students." (This table was prepared September 1998.)

Table 76.—Percent of public school teachers who reported opinions on various aspects of their schools: 1987 and 1997

Aspect of school	1987				1997			
	Excellent	Good	Fair	Poor	Excellent	Good	Fair	Poor
The qualifications and competence of teachers in your school	45	48	7	—	54	41	4	—
The relations between parents and teachers in your school	15	53	25	6	13	58	24	4
The availability and responsiveness of parents when you need to contact them	14	38	37	11	16	47	27	10
The amount of support for the school shown by the parents	17	40	30	12	19	44	28	10
The overall quality of the education that students receive at your school	26	64	9	1	37	55	7	1

—Data not available.

SOURCE: Metropolitan Life/Louis Harris Associates, Inc., *The Metropolitan Life Survey of The American Teacher, 1998*. "Building Family-School Partnerships: Views of Teachers and Students." (This table was prepared September 1998.)

Table 77.—Percent of public school students who reported various levels of parental/guardian involvement in their education, by selected student characteristics: 1997

Student characteristics	Parental level of involvement			
	Very involved	Somewhat involved	Not very involved	Not at all involved
1	2	3	4	5
Total	40	43	11	4
Race/ethnicity				
White	37	45	13	3
Black	56	35	7	1
Hispanic	41	40	10	8
Poverty level				
Not enough/just enough money for basics	32	45	14	8
More than enough money for basics	43	43	11	2
At least one parent with college degree				
Yes	47	42	7	3
No	35	45	14	4
School level				
Grades 7–8	46	39	10	3
Grades 9–12	37	45	12	4
Student's grades				
Mostly A/B	44	43	9	3
Mostly B/C	39	43	13	4
Worse than C	25	44	19	6

SOURCE: Metropolitan Life/Louis Harris Associates, Inc., *The Metropolitan Life Survey of The American Teacher, 1998*. "Building Family-School Partnerships: Views of Teachers and Students." (This table was prepared September 1998.)

**Table 78.—Estimated average annual salary of teachers in public elementary and secondary schools:
1959–60 to 1997–98**

School year	Current dollars			Constant 1997–98 dollars ¹		
	All teachers	Elementary teachers	Secondary teachers	All teachers	Elementary teachers	Secondary teachers
1	2	3	4	5	6	7
1959–60	\$4,995	\$4,815	\$5,276	\$27,496	\$26,505	\$29,042
1961–62	5,515	5,340	5,775	29,676	28,735	31,075
1963–64	5,995	5,805	6,266	31,439	30,443	32,860
1965–66	6,485	6,279	6,761	32,873	31,828	34,272
1967–68	7,423	7,208	7,692	35,304	34,281	36,583
1969–70	8,626	8,412	8,891	36,934	36,018	38,069
1970–71	9,268	9,021	9,568	37,735	36,729	38,957
1971–72	9,705	9,424	10,031	38,146	37,041	39,427
1972–73	10,174	9,893	10,507	38,441	37,379	39,699
1973–74	10,770	10,507	11,077	37,361	36,449	38,426
1974–75	11,641	11,334	12,000	36,354	35,395	37,475
1975–76	12,600	12,280	12,937	36,748	35,814	37,730
1976–77	13,354	12,989	13,776	36,801	35,795	37,964
1977–78	14,198	13,845	14,602	36,665	35,753	37,708
1978–79	15,032	14,681	15,450	35,494	34,665	36,480
1979–80	15,970	15,569	16,459	33,272	32,437	34,291
1980–81	17,644	17,230	18,142	32,944	32,171	33,874
1981–82	19,274	18,853	19,805	33,126	32,402	34,039
1982–83	20,695	20,227	21,291	34,103	33,332	35,086
1983–84	21,935	21,487	22,554	34,857	34,145	35,840
1984–85	23,600	23,200	24,187	36,090	35,478	36,987
1985–86	25,199	24,718	25,846	37,455	36,740	38,417
1986–87	26,569	26,057	27,244	38,634	37,889	39,615
1987–88	28,034	27,519	28,798	39,142	38,423	40,209
1988–89	29,564	29,022	30,218	39,456	38,733	40,329
1989–90	31,367	30,832	32,049	39,956	39,274	40,824
1990–91	33,084	32,490	33,896	39,958	39,241	40,939
1991–92	34,063	33,479	34,827	39,863	39,180	40,757
1992–93	35,029	34,350	35,880	39,752	38,981	40,718
1993–94	35,737	35,233	36,566	39,531	38,974	40,448
1994–95	36,685	36,160	37,468	39,449	38,885	40,291
1995–96	37,716	37,295	38,371	39,484	39,043	40,170
1996–97	38,554	38,193	39,137	39,242	38,874	39,835
1997–98	39,385	39,075	39,889	39,385	39,075	39,889

¹Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor.

SOURCE: National Education Association, *Estimates of School Statistics*; and unpublished data. (Latest edition 1997–98. Copyright © 1998 by the National Education Association. All rights reserved.) (This table was prepared October 1998.)

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

Table 79.—Estimated average annual salary of teachers in public elementary and secondary schools, by state: 1969–70 to 1997–98

State	Current dollars							Constant 1997–98 dollars ¹						Percent change, 1979–80 to 1997–98 in constant dollars
	1969–70	1979–80	1989–90	1994–95	1995–96	1996–97	1997–98	1969–70	1979–80	1989–90	1994–95	1995–96	1996–97	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$8,626	\$15,970	\$31,367	\$36,685	\$37,716	\$38,554	\$39,385	\$36,934	\$33,272	\$39,956	\$39,449	\$39,484	\$39,242	18.4
Alabama	6,818	13,060	24,828	31,144	31,313	32,549	32,818	29,193	27,209	31,626	33,491	32,781	33,129	20.6
Alaska	10,560	27,210	43,153	47,951	49,171	50,647	51,738	45,215	56,690	54,969	51,564	51,476	51,550	-8.7
Arizona	8,711	15,054	29,402	32,574	33,300	33,300	33,850	37,298	31,364	37,453	35,029	34,861	33,894	7.9
Arkansas	6,307	12,299	22,352	28,934	29,533	30,319	30,578	27,005	25,624	28,472	31,114	30,917	30,860	19.3
California	10,315	18,020	37,998	41,078	42,259	42,992	43,725	44,166	37,543	48,402	44,173	44,240	43,759	16.5
Colorado	7,761	16,205	30,758	34,571	35,364	36,271	37,052	33,230	33,762	39,180	37,176	37,022	36,918	9.7
Connecticut	9,262	16,229	40,461	50,045	50,254	50,426	50,730	39,657	33,812	51,540	53,816	52,610	51,325	50.0
Delaware	9,015	16,148	33,377	39,076	40,533	41,436	42,439	38,600	33,643	42,516	42,021	42,433	42,175	26.1
District of Columbia	10,285	22,190	38,402	43,700	43,700	45,012	46,350	44,037	46,231	48,917	46,993	45,748	45,815	0.3
Florida	8,412	14,149	28,803	32,588	33,330	33,889	34,475	36,018	29,478	36,690	35,044	34,892	34,493	17.0
Georgia	7,276	13,853	28,006	32,291	34,002	35,596	37,378	31,154	28,862	35,674	34,724	35,596	36,231	29.5
Hawaii	9,453	19,920	32,047	38,518	35,807	35,842	38,377	40,475	41,502	40,822	41,421	37,485	36,481	-7.5
Idaho	6,890	13,611	23,861	29,783	30,891	31,818	32,775	29,501	28,357	30,394	32,027	32,339	32,385	15.6
Illinois	9,569	17,601	32,794	39,431	40,919	42,125	43,873	40,972	36,670	41,773	42,402	42,837	42,876	19.6
Indiana	8,833	15,599	30,902	36,785	37,675	38,845	39,682	37,820	32,499	39,363	39,557	39,441	39,538	22.1
Iowa	8,355	15,203	26,747	31,511	32,372	33,272	34,040	35,774	31,674	34,071	33,886	33,889	33,865	7.5
Kansas	7,612	13,690	28,744	34,652	35,023	35,739	36,811	32,592	28,522	36,614	37,263	36,665	36,376	29.1
Kentucky	6,953	14,520	26,292	32,257	33,080	33,797	34,525	29,771	30,251	33,491	34,688	34,631	34,400	14.1
Louisiana	7,028	13,760	24,300	26,461	27,530	29,025	29,650	30,092	28,668	30,954	28,455	28,820	29,543	3.4
Maine	7,572	13,071	26,881	31,972	32,869	33,676	34,349	32,421	27,232	34,241	34,381	34,410	34,277	26.1
Maryland	9,383	17,558	36,319	40,661	41,160	41,148	41,739	40,175	36,581	46,263	43,725	43,089	41,882	14.1
Massachusetts	8,764	17,253	34,712	40,718	41,408	42,650	43,930	37,525	35,945	44,216	43,786	43,349	43,411	22.2
Michigan	9,826	19,663	37,072	41,895	46,832	48,238	49,277	42,072	40,966	47,223	45,052	49,027	49,098	20.3
Minnesota	8,658	15,912	32,190	35,948	36,937	38,281	39,106	37,071	33,151	41,004	38,657	38,668	38,964	18.0
Mississippi	5,798	11,850	24,292	26,818	27,692	27,720	29,547	24,825	24,689	30,943	28,839	28,990	28,214	19.7
Missouri	7,799	13,682	27,094	31,189	32,322	33,155	33,975	33,393	28,505	34,513	33,539	33,837	33,746	19.2
Montana	7,606	14,537	25,081	28,785	29,364	29,958	30,617	32,567	30,287	31,948	30,954	30,740	30,492	1.1
Nebraska	7,375	13,516	25,522	30,922	31,496	31,768	32,668	31,578	28,159	32,510	33,252	32,972	32,335	16.0
Nevada	9,215	16,295	30,590	34,836	36,167	37,340	37,093	39,456	33,949	38,966	37,461	37,862	38,006	9.3
New Hampshire	7,771	13,017	28,986	34,720	35,792	36,029	36,640	33,273	27,120	36,923	37,336	37,470	36,672	35.1
New Jersey	9,130	17,161	35,676	47,038	48,751	49,786	50,442	39,092	35,754	45,444	50,583	51,036	50,674	41.1
New Mexico	7,796	14,887	24,756	28,493	29,074	30,131	30,152	33,380	31,016	31,534	30,640	30,437	30,668	-2.8
New York	10,336	19,812	38,925	47,612	48,115	48,000	49,034	44,256	41,277	49,583	51,200	50,370	48,856	18.8
North Carolina	7,494	14,117	27,883	30,793	30,411	31,167	33,315	32,087	29,412	35,518	33,113	31,836	31,723	13.3
North Dakota	6,696	13,263	23,016	26,327	26,969	27,711	28,230	28,670	27,632	29,318	28,311	28,233	28,205	2.2
Ohio	8,300	15,269	31,218	36,802	37,835	38,676	38,977	35,538	31,812	39,766	39,575	39,608	39,366	22.5
Oklahoma	6,882	13,107	23,070	28,172	28,404	30,369	30,606	29,467	27,307	29,387	30,295	29,735	30,911	12.1
Oregon	8,818	16,266	30,840	38,555	39,706	40,960	42,150	37,756	33,889	39,284	41,460	41,567	41,690	24.4
Pennsylvania	8,858	16,515	33,338	44,510	46,087	47,147	47,650	37,927	34,408	42,466	47,864	48,247	47,988	38.5
Rhode Island	8,776	18,002	36,057	40,729	41,765	43,019	44,300	37,576	37,506	45,930	43,798	43,723	43,786	18.1
South Carolina	6,927	13,063	27,217	30,279	31,622	32,830	33,608	29,659	27,216	34,669	32,561	33,104	33,415	23.5
South Dakota	6,403	12,348	21,300	25,994	26,346	26,764	27,341	27,416	25,726	27,132	27,953	27,581	27,241	6.3
Tennessee	7,050	13,972	27,052	32,477	33,126	34,222	35,340	30,186	29,110	34,459	34,924	34,679	34,832	21.4
Texas	7,255	14,132	27,496	31,223	32,000	33,038	33,648	31,064	29,443	35,025	33,576	33,500	33,627	14.3
Utah	7,644	14,909	23,686	29,082	30,588	31,867	32,950	32,729	31,062	30,171	31,273	32,022	32,435	6.1
Vermont	7,968	12,484	29,012	35,406	36,295	36,053	36,299	34,117	26,009	36,956	38,074	37,996	36,696	39.6
Virginia	8,070	14,060	30,938	33,987	34,792	35,691	36,654	34,553	29,293	39,409	36,548	36,423	36,328	25.1
Washington	9,225	18,820	30,457	36,151	37,853	37,815	38,788	39,499	39,210	38,796	38,875	39,627	38,489	-1.1
West Virginia	7,650	13,710	22,842	31,944	32,155	33,257	33,398	32,755	28,564	29,096	34,351	33,662	33,850	16.9
Wisconsin	8,963	16,006	31,921	37,746	38,182	39,057	39,899	38,377	33,347	40,661	40,590	39,972	39,754	19.6
Wyoming	8,232	16,012	28,141	31,285	31,571	31,715	32,022	35,247	33,360	35,846	33,642	33,051	32,281	-4.0

¹Based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor. Price index does not account for different rates of change in the cost of living among states.

SOURCE: National Education Association, *Estimates of School Statistics*; and unpublished data. (Latest edition 1997-98. Copyright © 1998 by the National Education Association. All rights reserved.) (This table was prepared October 1998.)

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

Table 82.—Estimated average annual salary of instructional staff¹ in public elementary and secondary schools and average annual earnings of full-time employees in all industries: 1929–30 to 1997–98

School year	Current dollars		Constant 1997–98 dollars ²		
	Average salary of instructional staff	Earnings per full-time employee working for wages or salary ³	Average salary of instructional staff	Earnings per full-time employee working for wages or salary ³	Ratio of instructional staff salary to earnings per full-time employee
1	2	3	4	5	6
1929–30	\$1,420	\$1,386	\$13,418	\$13,097	1.02
1931–32	1,417	1,198	15,897	13,440	1.18
1933–34	1,227	1,070	14,987	13,069	1.15
1935–36	1,283	1,160	15,101	13,653	1.11
1937–38	1,374	1,224	15,514	13,820	1.12
1939–40	1,441	1,282	16,678	14,837	1.12
1941–42	1,507	1,576	15,633	16,348	0.96
1943–44	1,728	2,030	16,040	18,843	0.85
1945–46	1,995	2,272	17,689	20,145	0.88
1947–48	2,639	2,692	18,319	18,687	0.98
1949–50	3,010	2,930	20,557	20,010	1.03
1951–52	3,450	3,322	21,231	20,443	1.04
1953–54	3,825	3,628	23,005	21,821	1.05
1955–56	4,156	3,924	25,005	23,609	1.06
1957–58	4,702	4,276	26,630	24,218	1.10
1959–60	5,174	4,632	28,481	25,497	1.12
1961–62	5,700	4,928	30,672	26,518	1.16
1963–64	6,240	5,373	32,724	28,177	1.16
1965–66	6,935	5,838	35,154	29,593	1.19
1967–68	7,630	6,444	36,288	30,648	1.18
1969–70	9,047	7,334	38,737	31,402	1.23
1970–71	9,698	7,815	39,486	31,819	1.24
1971–72	10,213	8,334	40,143	32,757	1.23
1972–73	10,634	8,858	40,179	33,468	1.20
1973–74	11,254	9,647	39,040	33,465	1.17
1974–75	12,167	10,420	37,997	32,541	1.17
1975–76	13,124	11,218	38,276	32,717	1.17
1976–77	13,840	11,991	38,140	33,045	1.15
1977–78	14,698	12,829	37,956	33,128	1.15
1978–79	15,764	13,851	37,222	32,705	1.14
1979–80	16,715	15,095	34,824	31,448	1.11
1980–81	18,404	16,495	34,363	30,799	1.12
1981–82	20,327	17,818	34,936	30,624	1.14
1982–83	21,641	18,883	35,662	31,117	1.15
1983–84	23,005	19,749	36,557	31,383	1.16
1984–85	24,666	20,626	37,720	31,542	1.20
1985–86	26,362	21,518	39,184	31,983	1.23
1986–87	27,706	22,432	40,287	32,618	1.24
1987–88	29,219	23,467	40,796	32,765	1.25
1988–89	30,850	24,502	41,172	32,700	1.26
1989–90	32,638	25,555	41,575	32,553	1.28
1990–91	34,401	26,668	41,549	32,209	1.29
1991–92	35,556	27,829	41,610	32,568	1.28
1992–93	36,460	29,060	41,376	32,978	1.25
1993–94	37,446	29,781	41,422	32,943	1.26
1994–95	38,331	30,573	41,219	32,876	1.25
1995–96	39,465	31,579	41,315	33,059	1.25
1996–97	40,562	32,850	41,285	33,436	1.23
1997–98	41,598	—	41,598	—	—

¹ Includes supervisors, principals, classroom teachers, and other instructional staff.² Based on the Consumer Price Index prepared by the Bureau of Labor Statistics, U.S. Department of Labor.³ Calendar-year data from the U.S. Department of Commerce have been converted to a school-year basis by averaging the two appropriate calendar years in each case. Beginning in 1992–93, data are wage and salary accruals per full-time-equivalent employee.

—Data not available.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, and unpublished data; National Education Association, *Estimates of School Statistics, 1997–98*, (Copyright © 1998 by the National Education Association. All rights reserved.), unpublished data; and U.S. Department of Commerce, *Survey of Current Business*, July and August issues. (This table was prepared October 1998.)

Table 83.—Staff employed in public elementary and secondary school systems, by functional area: 1949–50 to fall 1996
 [In full-time equivalents]

School year	Total	School district administrative staff					Instructional staff								Support staff							
		Total	Intermediate district staff	School district superintendents	Officials and administrators	Instruction coordinators	Total	Principals and assistant principals	Teachers	Instructional aides	Librarians	Guidance counselors	Psychological personnel	Other instructional staff	Total	Secretarial and clerical personnel	Transportation staff	Food service	Plant operation and maintenance	Health	Recreational and other staff	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
1949–50	1,300,031	33,642	5,843	18,025	(1)	9,774	963,110	43,137	913,671	(2)	(2)	(2)	(2)	6,302	303,280	31,824	81,626	68,814	105,874	9,412	5,730	
1959–60	2,089,283	42,423	9,901	13,361	5,386	13,775	1,457,329	63,554	1,353,372	(2)	17,363	14,643	2,121	6,277	589,531	75,930	113,111	161,925	192,655	16,104	29,807	
1969–70	3,360,763	65,282	7,113	13,014	13,618	31,537	2,285,568	90,593	2,016,244	57,418	42,689	48,763	6,168	23,693	1,009,913	164,476	175,351	270,338	273,395	26,562	99,791	
Fall 1980	4,168,286	78,784	—	13,269	44,961	20,554	2,859,573	107,061	2,184,216	325,755	48,018	63,973	14,033	116,517	1,229,929	223,647	(4)	(4)	(4)	(4)	1,006,282	
Fall 1985	4,159,624	3 ^{67,404}	—	—	—	—	3 ^{2,756,232}	129,297	2,205,987	306,860	47,442	66,646	(5)	(5)	3 ^{1,335,988}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1987	4,311,941	3 ^{74,191}	—	—	—	—	3 ^{2,859,626}	125,927	2,279,241	335,991	48,185	70,282	(5)	(5)	3 ^{1,378,124}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1988	4,319,356	3 ^{69,334}	—	—	—	—	3 ^{2,930,547}	126,609	2,323,213	356,682	48,980	75,063	(5)	(5)	3 ^{1,319,475}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1989	4,431,033	3 ^{70,302}	—	—	—	—	3 ^{2,985,851}	125,594	2,356,702	374,172	49,769	79,614	(5)	(5)	3 ^{1,374,880}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1990	4,494,076	3 ^{75,868}	—	—	—	—	3 ^{3,051,404}	127,417	2,398,169	395,959	49,909	79,950	(5)	(5)	3 ^{1,366,804}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1991	4,559,359	3 ^{76,084}	—	—	—	—	3 ^{3,103,939}	129,304	2,432,243	410,538	49,917	81,937	(5)	(5)	3 ^{1,379,336}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1992	4,708,286	6 ^{78,414}	(7)	(7)	45,712	32,702	3 ^{3,139,544}	121,936	2,458,956	427,279	50,324	81,049	(5)	(5)	3 ^{1,490,328}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1993	4,808,080	6 ^{80,862}	(7)	(7)	47,614	33,248	3 ^{3,209,381}	121,486	2,503,901	450,519	50,511	82,964	(5)	(5)	3 ^{1,517,837}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1994	4,904,757	6 ^{81,867}	(7)	(7)	48,827	33,040	3 ^{3,280,752}	120,017	2,551,875	473,348	50,668	84,844	(5)	(5)	3 ^{1,542,138}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1995	4,994,358	6 ^{82,998}	(7)	(7)	49,315	33,683	3 ^{3,351,528}	120,629	2,598,220	494,289	50,862	87,528	(5)	(5)	3 ^{1,559,832}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1996	5,117,616	6 ^{82,213}	(7)	(7)	47,788	34,425	3 ^{3,448,304}	123,163	2,666,034	518,649	51,517	88,941	(5)	(5)	3 ^{1,587,099}	(5)	(5)	(5)	(5)	(5)	(5)	
		Percentage distribution																				
1949–50	100.0	2.6	0.4	1.4	(1)	0.8	74.1	3.3	70.3	(2)	(2)	(2)	(2)	0.5	23.3	2.4	6.3	5.3	8.1	0.7	0.4	
1959–60	100.0	2.0	0.5	0.6	0.3	0.7	69.8	3.0	64.8	(2)	0.8	0.7	0.1	0.3	28.2	3.6	5.4	7.8	9.2	0.8	1.4	
1969–70	100.0	1.9	0.2	0.4	0.4	0.9	68.0	2.7	60.0	1.7	1.3	1.5	0.2	0.7	30.1	4.9	5.2	8.0	8.1	0.8	3.0	
Fall 1980	100.0	1.9	—	0.3	1.1	0.5	68.6	2.6	52.4	7.8	1.2	1.5	0.3	2.8	29.5	5.4	(4)	(4)	(4)	(4)	24.1	
Fall 1985	100.0	3 ^{1.6}	—	—	—	—	3 ^{66.3}	3.1	53.0	7.4	1.1	1.6	(5)	(5)	3 ^{32.1}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1987	100.0	3 ^{1.7}	—	—	—	—	3 ^{66.3}	2.9	52.9	7.8	1.1	1.6	(5)	(5)	3 ^{32.0}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1988	100.0	3 ^{1.6}	—	—	—	—	3 ^{67.8}	2.9	53.8	8.3	1.1	1.7	(5)	(5)	3 ^{30.5}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1989	100.0	3 ^{1.6}	—	—	—	—	3 ^{67.4}	2.8	53.2	8.4	1.1	1.8	(5)	(5)	3 ^{31.0}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1990	100.0	3 ^{1.7}	—	—	—	—	3 ^{67.9}	2.8	53.4	8.8	1.1	1.8	(5)	(5)	3 ^{30.4}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1991	100.0	3 ^{1.7}	—	—	—	—	3 ^{68.1}	2.8	53.3	9.0	1.1	1.8	(5)	(5)	3 ^{30.3}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1992	100.0	6 ^{1.7}	(7)	(7)	1.0	0.7	3 ^{66.7}	2.6	52.2	9.1	1.1	1.7	(5)	(5)	3 ^{31.7}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1993	100.0	6 ^{1.7}	(7)	(7)	1.0	0.7	3 ^{66.7}	2.5	52.1	9.4	1.1	1.7	(5)	(5)	3 ^{31.6}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1994	100.0	6 ^{1.7}	(7)	(7)	1.0	0.7	3 ^{66.9}	2.4	52.0	9.7	1.0	1.7	(5)	(5)	3 ^{31.4}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1995	100.0	6 ^{1.7}	(7)	(7)	1.0	0.7	3 ^{67.1}	2.4	52.0	9.9	1.0	1.8	(5)	(5)	3 ^{31.0}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1996	100.0	6 ^{1.6}	(7)	(7)	0.9	0.7	3 ^{67.4}	2.4	52.1	10.1	1.0	1.7	(5)	(5)	3 ^{31.0}	(5)	(5)	(5)	(5)	(5)	(5)	
		Pupils per staff member																				
1949–50	19.3	746.4	4,297.7	1,393.1	—	2,569.2	26.1	582.1	27.5	(2)	(2)	(2)	(2)	3,984.7	82.8	789.1	307.6	364.9	237.2	2,668.0	4,382.4	
1959–60	16.8	829.3	3,553.4	2,633.2	6,532.2	2,554.1	24.1	553.6	26.0	(2)	2,026.3	2,402.7	16,589.1	5,605.1	59.7	463.4	311.0	217.3	182.6	2,184.7	1,180.3	
1969–70	13.6	697.7	6,403.8	3,500.1	3,344.9	1,444.3	19.9	502.8	22.6	793.3	1,067.0	934.1	7,384.9	1,922.5	45.1	276.9	259.8	168.5	166.6	1,714.9	456.5	
Fall 1980	9.8	518.9	—	3,080.7	909.2	1,988.8	14.3	381.8	18.7	125.5	851.3	639.0	2,913.0	350.8	33.2	182.8	(4)	(4)	(4)	(4)	40.6	
Fall 1985	9.5	3 ^{584.9}	—	—	—	—	3 ^{14.3}	304.9	17.9	128.5	831.0	591.5	(5)	(5)	3 ^{29.5}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1987	9.3	3 ^{539.3}	—	—	—	—	3 ^{14.0}	317.7	17.6	119.1	830.3	569.3	(5)	(5)	3 ^{29.0}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1988	9.3	3 ^{579.6}	—	—	—	—	3 ^{13.7}	317.4	17.3	112.7	820.5	535.4	(5)	(5)	3 ^{30.5}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1989	9.1	3 ^{576.7}	—	—	—	—	3 ^{13.6}	322.8	17.2	108.4	814.6	509.2	(5)	(5)	3 ^{29.5}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1990	9.2	3 ^{543.3}	—	—	—	—	3 ^{13.5}	323.5	17.2	104.1	825.8	515.5	(5)	(5)	3 ^{30.2}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1991	9.2	3 ^{552.6}	—	—	—	—	3 ^{13.5}	325.2	17.3	102.4	842.3	513.2	(5)	(5)	3 ^{30.5}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1992	9.1	6 ^{546.1}	(7)	(7)	936.8	1,309.5	3 ^{13.6}	351.2	17.4	100.2	851.0	528.4	(5)	(5)	3 ^{28.7}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1993	9.0	6 ^{537.5}	(7)	(7)	912.9	1,307.3	3 ^{13.5}	357.8	17.4	96.5	860.5	523.9	(5)	(5)	3 ^{28.6}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1994	9.0	6 ^{538.8}	(7)	(7)	903.4	1,335.1	3 ^{13.4}	367.5	17.3	93.2	870.6	519.9	(5)	(5)	3 ^{28.7}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1995	9.0	6 ^{540.3}	(7)	(7)	909.3	1,331.2	3 ^{13.4}	371.7	17.3	90.7	881.6	512.3	(5)	(5)	3 ^{28.7}	(5)	(5)	(5)	(5)	(5)	(5)	
Fall 1996	8.9	6 ^{554.6}	(7)	(7)	954.1	1,324.4	3 ^{13.2}	370.2	17.1	87.9	885.0	512.6	(5)	(5)	3 ^{28.7}	(5)	(5)	(5)	(5)	(5)	(5)	

¹ Data included in column 5.

² Data included in column 10.

³ Data not comparable with figures for years prior to 1985.

⁴ Data included in column 22.

⁵ Data included in column 16.

⁶ Because of classification revisions, data are not directly comparable with figures for prior years.

⁷ Data included in column 6.

— Data not available.

NOTE.—Some data have been revised from previously published figures. Because of variations in data collection instruments, some categories are only roughly comparable over time. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*, Common Core of Data surveys, and unpublished estimates. (This table was prepared May 1998.)

Table 84.—Staff employed in public school systems, by type of assignment and state: Fall 1996
[In full-time equivalents]

State or other area	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States ¹	5,117,616	47,788	160,562	34,425	123,163	238,898	2,666,034	518,649	88,941	51,517	145,054	1,042,585
Alabama ²	84,914	441	1,039	968	2,243	2,873	45,040	7,146	1,688	1,259	486	21,731
Alaska ³	14,791	303	575	112	442	943	7,418	1,649	231	144	831	2,143
Arizona	79,429	411	725	180	1,770	6,098	40,521	10,157	1,046	787	7,416	10,318
Arkansas ²	51,004	566	738	170	1,482	1,821	26,680	3,837	1,213	953	414	13,130
California ²	468,246	2,259	20,176	4,964	10,588	29,582	248,857	57,896	5,208	898	10,203	77,615
Colorado	71,226	926	2,308	897	1,899	5,141	36,398	6,532	1,121	715	1,686	13,603
Connecticut	68,861	1,076	1,587	436	1,825	3,364	36,551	7,506	1,123	701	3,267	11,425
Delaware	12,203	93	402	54	414	478	6,642	898	221	123	491	2,387
District of Columbia	9,318	391	263	81	300	371	5,288	499	225	139	56	1,705
Florida	248,773	1,653	13,154	639	5,993	12,112	120,471	26,814	4,855	2,556	7,647	52,879
Georgia ^{4,5}	148,294	585	4,272	1,306	3,864	7,133	79,091	16,386	2,472	1,984	2,237	28,964
Hawaii	16,867	136	245	447	489	707	10,576	916	544	289	476	2,042
Idaho	22,611	114	453	217	676	907	13,078	2,153	558	190	395	3,870
Illinois ^{4,5}	221,285	3,395	6,258	1,666	5,234	10,451	116,274	24,006	2,838	1,934	6,796	42,433
Indiana	119,800	930	571	1,316	2,818	7,942	56,708	16,070	1,735	1,036	1,730	28,944
Iowa	63,003	809	751	389	1,770	4,513	32,593	6,421	1,332	749	2,186	11,490
Kansas	58,040	471	1,786	74	1,674	2,550	30,875	5,003	1,097	964	2,345	11,201
Kentucky ^{3,6}	75,073	863	2,081	564	1,903	3,475	39,331	7,982	1,272	1,129	2,363	14,110
Louisiana	94,113	284	667	1,017	2,442	2,937	47,334	10,002	2,703	1,184	2,336	23,207
Maine	29,988	449	751	116	880	1,356	15,551	4,028	593	243	1,097	4,924
Maryland	85,522	764	718	657	2,843	3,814	47,943	6,989	1,825	1,081	1,393	17,495
Massachusetts	116,749	1,003	6,271	1,157	2,155	2,942	64,574	13,868	2,125	679	1,873	20,102
Michigan	194,954	1,919	4,371	628	5,481	7,721	88,051	18,556	2,943	1,545	7,537	56,202
Minnesota	86,856	1,038	2,242	958	1,597	4,636	48,245	11,255	915	956	2,732	12,282
Mississippi	61,125	918	1,467	422	1,499	2,127	29,293	8,615	869	810	2,206	12,899
Missouri	112,406	1,113	3,544	672	2,721	6,085	59,436	7,752	2,410	1,426	2,918	24,329
Montana ^{4,5}	18,862	162	522	156	497	872	10,268	2,003	411	353	77	3,541
Nebraska	38,038	592	833	249	969	1,520	20,174	3,629	757	572	994	7,749
Nevada	25,463	209	516	112	745	1,422	14,805	1,615	560	261	777	4,441
New Hampshire	23,963	335	442	143	487	848	12,692	3,852	656	260	478	3,770
New Jersey ⁷	168,441	1,666	7,633	1,373	4,465	8,444	88,903	14,925	3,231	1,803	9,084	26,914
New Mexico	40,785	428	1,907	564	871	2,539	19,971	4,723	650	259	1,115	7,758
New York	363,586	2,762	24,413	1,285	6,851	7,206	185,104	29,467	5,467	2,982	8,879	89,170
North Carolina ⁶	145,110	1,331	3,471	653	4,132	5,785	75,239	23,537	3,025	2,201	2,970	22,766
North Dakota	14,552	442	166	62	409	503	7,892	1,572	263	193	415	2,635
Ohio	196,969	5,277	9,573	361	1,009	12,982	108,602	10,567	3,247	1,640	1,248	42,463
Oklahoma ⁸	83,483	546	5,129	620	1,449	1,074	39,491	7,379	1,730	912	12,204	12,949
Oregon	52,259	755	1,489	339	1,609	3,746	26,757	6,546	1,268	574	1,269	7,907
Pennsylvania	201,134	1,349	7,347	1,535	4,063	9,969	106,432	16,180	3,707	2,208	9,828	38,516
Rhode Island	16,823	128	426	74	367	813	10,656	1,594	307	73	374	2,011
South Carolina ^{5,9}	76,932	257	2,071	469	2,223	3,458	41,463	7,945	1,546	1,104	2,352	14,044
South Dakota	18,108	259	392	142	461	792	9,625	2,450	345	194	348	3,100
Tennessee	101,434	943	2,412	817	4,759	4,706	54,790	10,570	1,525	1,411	2,615	16,886
Texas	477,896	2,693	2,532	1,082	11,591	20,524	247,650	42,686	8,359	4,304	3,834	132,641
Utah	37,461	108	744	487	951	2,209	19,734	5,004	594	291	462	6,877
Vermont	15,693	136	286	209	387	637	7,751	3,105	352	214	587	2,029
Virginia ²	139,174	2,193	3,343	1,315	3,492	5,780	74,523	12,056	3,202	2,034	2,879	28,357
Washington ³	94,682	1,049	2,689	837	2,556	4,956	48,307	9,333	1,804	1,288	3,509	18,364
West Virginia	38,099	289	1,886	339	1,074	323	20,888	2,943	604	353	881	8,519
Wisconsin	99,871	859	2,610	1,001	2,410	4,998	54,769	10,608	1,884	1,422	4,106	15,204
Wyoming	13,337	110	315	94	334	713	6,729	1,424	285	137	652	2,544
Outlying areas												
American Samoa	1,470	29	43	27	59	85	734	16	22	7	52	396
Guam	3,263	13	260	17	52	36	1,552	438	71	27	126	671
Northern Marianas	1,056	15	101	17	27	54	441	209	28	2	84	78
Puerto Rico	71,333	356	168	699	1,366	5,450	39,743	—	900	900	2,149	19,602
Virgin Islands	3,185	74	152	19	83	100	1,580	321	84	44	398	330

¹ Includes imputations for undercounts in designated states.² Includes imputation for prekindergarten teachers.³ Includes imputation for instruction coordinators.⁴ Includes imputations for all support staff except student support staff.⁵ Includes imputation for instructional aides.⁶ Includes imputations for all support staff and officials and administrators.⁷ Data imputed by the National Center for Education Statistics based on previous year's data.⁸ Includes imputations for library support staff.⁹ Includes imputations for all support staff.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared May 1998.)

Table 85.—Staff employed in public school systems, by type of assignment and state: Fall 1995
[In full-time equivalents]

State or other area	Total	School district staff			School staff						Student support staff	Other support services staff
		Officials and administrators	Administrative support staff	Instruction coordinators	Principals and assistant principals	School and library support staff	Teachers	Instructional aides	Guidance counselors	Librarians		
1	2	3	4	5	6	7	8	9	10	11	12	13
United States¹	4,994,358	49,315	144,842	33,683	120,629	237,389	2,598,220	494,289	87,528	50,862	142,655	1,034,946
Alabama	83,256	428	1,039	980	2,221	2,768	44,056	6,657	1,684	1,259	468	21,696
Alaska ²	15,022	294	549	112	436	886	7,379	1,751	225	147	819	2,424
Arizona	75,931	428	641	182	1,611	6,123	38,017	9,613	1,050	737	7,312	10,217
Arkansas	49,178	554	583	179	1,460	1,646	26,449	3,523	1,223	952	387	12,222
California ³	444,014	2,155	19,920	4,685	10,335	28,571	230,849	56,822	5,115	896	9,989	74,677
Colorado	67,447	846	2,211	775	1,749	4,749	35,388	5,919	1,080	700	1,608	12,422
Connecticut	66,133	955	1,611	453	1,823	3,246	36,070	7,520	1,116	672	3,239	9,428
Delaware	11,869	87	388	58	399	472	6,463	861	215	122	498	2,306
District of Columbia	9,410	402	290	144	305	442	5,305	327	217	143	53	1,782
Florida	237,721	1,739	12,267	812	5,964	12,110	114,938	24,111	4,794	2,560	7,147	51,279
Georgia ⁴	165,058	2,127	3,488	691	3,754	6,423	79,480	21,709	2,476	1,987	2,699	40,224
Hawaii	16,841	141	263	438	483	704	10,500	937	540	287	512	2,036
Idaho	21,814	114	443	210	661	876	12,784	1,914	520	185	381	3,726
Illinois	209,036	3,292	5,114	1,656	5,132	9,984	113,538	21,137	2,823	1,941	6,503	37,916
Indiana	116,363	928	496	1,368	2,818	7,872	55,821	14,421	1,720	1,021	1,650	28,248
Iowa	62,075	519	756	382	1,762	4,465	32,318	6,083	1,331	662	2,192	11,605
Kansas	57,265	1,253	961	74	1,671	2,487	30,729	4,760	1,087	972	2,298	10,973
Kentucky	84,425	1,170	2,188	434	1,906	3,147	39,120	10,916	1,282	1,173	2,093	20,996
Louisiana	93,070	265	689	1,026	2,379	2,907	46,980	10,026	2,610	1,172	2,248	22,768
Maine	29,413	448	660	113	853	1,393	15,392	3,776	600	238	1,049	4,891
Maryland	87,868	720	719	701	2,647	3,765	47,819	7,318	1,830	1,043	1,443	19,863
Massachusetts	113,154	991	5,788	1,065	2,166	3,073	62,710	12,867	2,090	611	1,860	19,933
Michigan	177,495	2,250	3,264	497	5,079	7,890	83,179	14,318	2,871	1,450	6,704	49,993
Minnesota	74,891	1,288	1,735	487	1,589	3,316	46,971	6,088	902	986	2,863	8,666
Mississippi	60,855	906	1,433	418	1,493	2,110	28,997	8,758	824	750	2,221	12,945
Missouri	120,621	638	4,578	1,244	2,579	8,189	57,951	7,228	2,593	1,368	1,758	32,495
Montana ^{4,5}	18,586	156	469	155	489	907	10,076	1,938	403	348	68	3,577
Nebraska	37,894	612	684	236	953	1,479	20,028	3,578	755	575	996	7,998
Nevada	23,742	184	489	101	680	1,340	13,878	1,489	498	241	605	4,237
New Hampshire	23,143	360	455	144	479	812	12,346	3,519	620	281	447	3,680
New Jersey	163,069	1,680	6,826	1,305	4,383	8,393	86,706	13,936	3,150	1,781	8,767	26,142
New Mexico	40,124	435	1,887	553	859	2,694	19,398	4,574	645	259	1,039	7,781
New York	355,723	2,737	23,774	1,263	6,878	7,110	181,559	28,001	5,456	2,998	8,720	87,227
North Carolina ⁴	140,204	1,285	2,977	720	3,993	5,794	73,201	22,287	2,976	2,176	2,720	22,075
North Dakota	13,804	435	164	54	394	475	7,501	1,471	248	183	364	2,515
Ohio	194,579	5,242	9,467	353	971	12,597	107,347	10,092	3,219	1,628	1,252	42,411
Oklahoma ⁴	83,802	533	94	590	1,456	5,754	39,364	7,186	1,390	902	12,589	13,944
Oregon	51,458	874	1,315	341	1,622	3,410	26,680	6,381	1,229	612	997	7,997
Pennsylvania	198,087	1,344	7,175	1,594	4,087	9,840	104,921	14,831	3,676	2,202	9,904	38,513
Rhode Island	16,517	148	426	78	361	804	10,482	1,458	309	75	378	1,998
South Carolina ^{4,5}	74,859	264	1,830	467	2,224	3,537	39,922	7,558	1,517	1,097	2,494	13,949
South Dakota ⁴	18,126	268	400	148	473	878	9,641	2,302	354	202	269	3,191
Tennessee	98,948	918	2,297	761	4,654	4,572	53,403	9,992	1,456	1,386	2,927	16,582
Texas	462,661	2,580	2,451	1,100	11,251	18,644	240,371	43,046	8,219	4,252	3,679	127,068
Utah	37,385	109	715	465	926	2,098	20,039	5,037	596	291	369	6,740
Vermont	15,640	152	278	294	411	719	7,676	2,931	332	216	1,668	963
Virginia ²	137,546	1,760	1,739	1,483	3,535	5,627	74,731	12,072	3,111	1,950	3,147	28,391
Washington ^{2,4}	91,322	1,015	2,540	841	2,501	4,760	46,907	8,582	1,758	1,263	3,695	17,460
West Virginia	38,645	279	1,896	322	1,095	366	21,073	2,957	611	357	886	8,803
Wisconsin	95,105	842	2,276	1,090	2,353	4,463	55,033	8,361	1,925	1,416	4,005	13,341
Wyoming	13,164	165	144	41	326	702	6,734	1,350	257	137	676	2,632
Outlying areas												
American Samoa	1,417	30	38	26	60	81	728	15	19	6	48	366
Guam	3,728	15	288	18	62	40	1,802	476	80	30	146	771
Northern Marianas	1,054	9	88	17	30	54	422	216	28	4	75	111
Puerto Rico	69,731	314	111	618	1,382	4,738	39,328	—	886	865	1,995	19,494
Virgin Islands	3,421	36	322	21	86	106	1,622	298	86	46	431	367

¹ Includes imputations for undercounts in designated states.
² Includes imputation for instruction coordinators.
³ Includes imputation for prekindergarten teachers.
⁴ Includes imputation for support staff.
⁵ Includes imputation for instructional aides.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared April 1997.)

Table 86.—Staff and teachers in public elementary and secondary schools, by state:
Fall 1990 to fall 1996

State or other area	Teachers as a percent of staff				Fall 1994			Fall 1995			Fall 1996		
	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Staff	Teachers	Teachers as a percent of staff	Staff	Teachers	Teachers as a percent of staff	Staff	Teachers	Teachers as a percent of staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States¹	53.4	53.3	52.2	52.1	4,904,757	2,551,875	52.0	4,994,358	2,598,220	52.0	5,117,616	2,666,034	52.1
Alabama	48.7	49.4	² 53.2	² 53.1	81,544	² 42,791	² 52.5	83,256	44,056	52.9	² 84,914	² 45,040	² 53.0
Alaska	50.3	50.9	49.2	45.8	² 15,150	7,205	² 47.6	² 15,022	7,379	² 49.1	² 14,791	7,418	² 50.2
Arizona	52.0	51.9	50.4	50.2	74,540	38,132	51.2	75,931	38,017	50.1	79,429	40,521	51.0
Arkansas	52.2	49.9	53.2	51.5	50,201	26,181	52.2	49,178	26,449	53.8	² 51,004	² 26,680	² 52.3
California	51.7	52.2	² 51.1	² 51.4	436,140	² 225,016	² 51.6	444,014	² 230,849	² 52.0	² 468,246	² 248,857	² 53.1
Colorado	52.6	52.9	53.2	53.5	64,985	34,894	53.7	67,447	35,388	52.5	71,226	36,398	51.1
Connecticut	56.3	56.8	53.7	55.7	64,742	35,316	54.5	66,133	36,070	54.5	68,861	36,551	53.1
Delaware	55.2	55.5	54.9	54.8	11,759	6,416	54.6	11,869	6,463	54.5	12,203	6,642	54.4
District of Columbia	58.3	57.0	57.4	57.2	10,507	6,110	58.2	9,410	5,305	56.4	9,318	5,288	56.8
Florida	49.8	50.0	49.5	48.8	226,975	110,674	48.8	237,721	114,938	48.3	248,773	120,471	48.4
Georgia	48.9	48.0	² 46.9	² 47.5	² 161,390	77,914	² 48.3	² 165,058	79,480	² 48.2	² 148,294	79,091	² 53.3
Hawaii	59.9	60.7	56.9	55.3	16,567	10,240	61.8	16,841	10,500	62.3	16,867	10,576	62.7
Idaho	62.3	62.4	60.4	60.1	21,194	12,582	59.4	21,814	12,784	58.6	22,611	13,078	57.8
Illinois	56.7	55.9	55.9	55.8	204,413	110,830	54.2	209,036	113,538	54.3	² 221,285	116,274	² 52.5
Indiana	50.7	50.1	48.7	48.4	115,441	55,496	48.1	116,363	55,821	48.0	119,800	56,708	47.3
Iowa	53.0	52.1	52.2	52.5	60,469	31,726	52.5	62,075	32,318	52.1	63,003	32,593	51.7
Kansas	56.8	56.8	54.9	54.3	56,790	30,579	53.8	57,265	30,729	53.7	58,040	30,875	53.2
Kentucky	49.5	48.7	47.8	45.9	81,720	38,784	47.5	84,425	39,120	46.3	² 75,073	39,331	² 52.4
Louisiana	49.8	69.6	50.9	50.3	96,124	47,599	49.5	93,070	46,980	50.5	94,113	47,334	50.3
Maine	57.3	56.9	53.1	53.2	29,264	15,404	52.6	29,413	15,392	52.3	29,988	15,551	51.9
Maryland	53.9	54.6	55.0	53.4	84,699	46,565	55.0	87,868	47,819	54.4	85,522	47,943	56.1
Massachusetts	57.2	56.5	56.5	56.4	108,281	60,489	55.9	113,154	62,710	55.4	116,749	64,574	55.3
Michigan	46.4	46.6	47.3	47.4	164,766	80,522	48.9	177,495	83,179	46.9	194,954	88,051	45.2
Minnesota	56.2	57.4	56.9	62.7	74,914	46,958	62.7	74,891	46,971	62.7	86,856	48,245	55.5
Mississippi	48.3	47.5	48.1	47.4	60,708	28,866	47.5	60,855	28,997	47.6	61,125	29,293	47.9
Missouri	50.6	52.3	² 48.4	48.6	116,974	56,606	48.4	120,621	57,951	48.0	112,406	59,436	52.9
Montana	³ 76.4	³ 75.6	² 54.0	² 53.2	² 18,452	10,079	² 54.6	² 18,586	10,076	² 54.2	² 18,862	10,268	² 54.4
Nebraska	53.4	55.0	² 54.2	² 53.3	37,144	19,774	53.2	37,894	20,028	52.9	38,038	20,174	53.0
Nevada	³ 89.4	³ 86.8	² 55.7	56.1	23,098	13,414	58.1	23,742	13,878	58.5	25,463	14,805	58.1
New Hampshire	51.8	56.0	54.8	54.6	22,336	12,109	54.2	23,143	12,346	53.3	23,963	12,692	53.0
New Jersey	54.2	54.2	54.8	52.8	161,586	85,258	52.8	163,069	86,706	53.2	⁴ 168,441	⁴ 88,903	⁴ 52.8
New Mexico	50.3	50.7	51.5	50.2	39,016	19,025	48.8	40,124	19,398	48.3	40,785	19,971	49.0
New York	50.9	50.8	51.3	50.7	356,386	182,273	51.1	355,723	181,559	51.0	363,586	185,104	50.9
North Carolina	51.2	51.7	² 51.5	52.2	² 137,791	71,592	² 52.0	² 140,204	73,201	² 52.2	² 145,110	75,239	² 51.8
North Dakota	54.5	56.9	56.5	56.3	13,919	7,796	56.0	13,804	7,501	54.3	14,552	7,892	54.2
Ohio	54.0	53.1	52.9	53.2	200,141	109,085	54.5	194,579	107,347	55.2	196,969	108,602	55.1
Oklahoma	54.2	54.0	53.3	53.4	² 78,270	39,406	² 50.3	² 83,802	39,364	² 47.0	² 83,483	39,491	² 47.3
Oregon	53.2	53.0	51.5	52.6	50,377	26,208	52.0	51,458	26,680	51.8	52,259	26,757	51.2
Pennsylvania	52.5	52.7	52.7	53.1	193,696	102,988	53.2	198,087	104,921	53.0	201,134	106,432	52.9
Rhode Island	60.2	62.8	63.6	63.6	15,438	10,066	65.2	16,517	10,482	63.5	16,823	10,656	63.3
South Carolina	56.0	55.7	55.6	² 54.1	² 74,196	39,437	² 53.2	² 74,859	39,922	² 53.3	² 76,932	41,463	² 53.9
South Dakota	56.3	60.1	55.9	55.6	² 17,989	9,985	² 55.5	² 18,126	9,641	² 53.2	18,108	9,625	53.2
Tennessee	49.4	51.0	50.2	² 49.9	96,281	47,406	49.2	98,948	53,403	54.0	101,434	54,790	54.0
Texas	66.0	65.0	52.2	51.9	450,462	234,213	52.0	462,661	240,371	52.0	477,896	247,650	51.8
Utah	55.2	55.0	55.1	54.0	36,186	19,524	54.0	37,385	20,039	53.6	37,461	19,734	52.7
Vermont	53.6	50.5	50.2	² 49.1	15,337	7,566	49.3	15,640	7,676	49.1	15,693	7,751	49.4
Virginia	49.0	⁴ 49.4	⁴ 53.8	54.5	133,485	² 72,505	² 54.3	137,546	² 74,731	² 54.3	² 139,174	² 74,523	² 53.5
Washington	55.1	55.0	54.4	51.9	² 90,438	46,439	² 51.3	² 91,322	46,907	² 51.4	² 94,692	48,307	² 51.0
West Virginia	54.9	54.5	54.5	54.6	38,481	21,024	54.6	38,645	21,073	54.5	38,099	20,888	54.8
Wisconsin	58.1	59.0	57.9	59.6	100,996	54,054	53.5	95,105	55,033	57.9	99,871	54,769	54.8
Wyoming	53.1	50.0	50.6	50.7	12,999	6,754	52.0	13,164	6,734	51.2	13,337	6,729	50.5
Outlying areas													
American Samoa	52.6	52.5	53.7	49.0	1,340	698	52.1	1,417	728	51.4	1,470	734	49.9
Guam	52.6	50.6	46.3	42.8	4,730	1,826	38.6	3,728	1,802	48.3	3,263	1,552	47.6
Northern Marianas	51.1	47.5	38.8	39.1	1,051	406	38.6	1,054	422	40.0	1,056	441	41.8
Puerto Rico	55.4	54.9	56.7	58.5	68,868	39,933	58.0	69,731	39,328	56.4	71,333	39,743	55.7
Virgin Islands	48.0	48.1	47.6	47.2	³ 3,193	1,528	47.9	3,421	1,622	47.4	3,185	1,580	49.6

¹ U.S. totals include imputations for underreporting and nonreporting states.

² Includes imputations for underreporting.

³ Support staff underreported.

⁴ Data estimated by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared May 1998.)

**Table 87.—Staff, enrollment, and pupil/staff ratios in public elementary and secondary schools, by state:
Fall 1990 to fall 1996**

State or other area	Pupil/staff ratio				Fall 1994			Fall 1995			Fall 1996		
	Fall 1990	Fall 1991	Fall 1992	Fall 1993	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio	Staff	Enrollment	Pupil/staff ratio
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States ¹	9.2	9.2	9.1	9.0	4,904,757	44,111,482	9.0	4,994,358	44,840,481	9.0	5,117,616	45,592,213	8.9
Alabama	9.7	8.8	² 9.3	² 9.1	² 81,544	736,531	² 9.0	83,256	746,149	² 9.0	² 84,914	748,156	² 8.8
Alaska	8.5	8.5	8.3	8.0	² 15,150	127,057	² 8.4	² 15,022	127,618	² 8.5	² 14,791	129,919	² 8.8
Arizona	10.1	10.0	9.4	9.5	74,540	737,424	9.9	75,931	743,566	9.8	79,429	799,250	10.1
Arkansas	8.8	8.5	9.0	8.8	50,201	447,565	8.9	49,178	453,257	9.2	² 51,004	457,349	² 9.0
California	11.8	11.9	² 12.3	² 12.4	² 436,140	5,407,475	² 12.4	² 444,014	5,536,406	² 12.5	² 468,246	5,687,901	² 12.1
Colorado	9.3	9.5	9.8	9.9	64,985	640,521	9.9	67,447	656,279	9.7	71,226	673,438	9.5
Connecticut	7.6	8.0	7.7	8.0	64,742	506,824	7.8	66,133	517,935	7.8	68,861	527,129	7.7
Delaware	9.2	9.3	9.2	9.1	11,759	106,813	9.1	11,869	108,461	9.1	12,203	110,549	9.1
District of Columbia	7.9	7.2	7.7	7.6	10,507	80,450	7.7	9,410	79,802	8.5	9,318	78,648	8.4
Florida	8.6	8.8	9.1	9.0	226,975	2,111,188	9.3	237,721	2,176,222	9.2	248,773	2,242,212	9.0
Georgia	8.9	8.9	² 8.5	² 7.9	² 161,390	1,270,948	² 7.9	² 165,058	1,311,126	² 7.9	² 148,294	1,346,761	² 9.1
Hawaii	11.3	11.2	10.0	9.9	16,567	183,795	11.1	16,841	187,180	11.1	16,867	187,653	11.1
Idaho	12.2	12.1	11.8	11.8	21,194	240,448	11.3	21,814	243,097	11.1	22,611	245,252	10.8
Illinois	9.5	9.4	9.4	9.5	204,413	1,916,172	9.4	209,036	1,943,623	9.3	² 221,285	1,973,040	² 8.9
Indiana	8.8	8.8	8.6	8.5	115,441	969,022	8.4	116,363	977,263	8.4	119,800	983,415	8.2
Iowa	8.3	8.1	8.2	8.3	60,469	500,440	8.3	62,075	502,343	8.1	63,003	502,941	8.0
Kansas	8.5	8.6	8.3	8.2	56,790	460,838	8.1	57,265	463,008	8.1	58,040	466,293	8.0
Kentucky	8.6	8.4	8.3	8.1	81,720	657,642	8.0	84,425	659,821	7.8	² 75,073	656,089	² 8.7
Louisiana	8.6	³ 12.0	8.7	8.6	96,124	797,933	8.3	93,070	797,366	8.6	94,113	793,296	8.4
Maine	8.0	8.0	7.5	7.5	29,264	212,601	7.3	29,413	213,569	7.3	29,988	213,593	7.1
Maryland	9.1	9.2	9.3	9.3	84,699	790,938	9.3	87,868	805,544	9.2	85,522	818,583	9.6
Massachusetts	8.8	8.5	8.5	8.4	108,281	893,727	8.3	113,154	915,007	8.1	116,749	933,898	8.0
Michigan	9.2	8.9	9.2	9.4	164,766	1,614,784	9.8	177,495	1,641,456	9.2	194,954	1,684,386	8.6
Minnesota	9.8	9.9	10.0	10.8	74,914	821,693	11.0	74,891	835,166	11.2	86,856	847,204	9.8
Mississippi	8.6	8.5	8.8	8.5	60,708	505,962	8.3	60,855	506,272	8.3	61,125	503,967	8.2
Missouri	7.9	8.4	² 7.9	7.7	116,974	878,541	7.5	120,621	889,881	7.4	112,406	900,042	8.0
Montana	³ 12.2	³ 11.9	² 8.5	² 8.7	² 18,452	164,341	² 8.9	² 18,586	165,547	² 8.9	² 18,862	164,627	² 8.7
Nebraska	7.8	8.1	² 7.9	² 7.7	37,144	287,100	7.7	37,894	289,744	7.6	38,038	291,967	7.7
Nevada	³ 17.3	³ 16.1	² 10.4	10.5	23,098	250,747	10.9	23,742	265,041	11.2	25,463	282,131	11.1
New Hampshire	8.4	8.6	8.5	8.5	22,336	189,319	8.5	23,143	194,171	8.4	23,963	198,308	8.3
New Jersey	7.4	7.5	7.5	7.2	161,586	1,174,206	7.3	163,069	1,197,381	7.3	⁴ 168,441	⁴ 1,208,179	⁴ 7.2
New Mexico	9.1	8.9	9.1	8.8	39,016	327,248	8.4	40,124	329,640	8.2	40,785	332,632	8.2
New York	7.5	7.8	7.8	7.7	356,386	2,766,208	7.8	355,723	2,813,230	7.9	363,586	2,843,131	7.8
North Carolina	8.7	8.7	² 8.6	8.5	² 137,791	1,156,767	² 8.4	² 140,204	1,183,090	² 8.4	² 145,110	1,210,108	² 8.3
North Dakota	8.5	8.7	8.6	8.6	13,919	119,288	8.6	13,804	119,100	8.6	14,552	120,123	8.3
Ohio	9.3	9.2	8.9	9.0	200,141	1,814,290	9.1	194,579	1,836,015	9.4	196,969	1,844,389	9.4
Oklahoma	8.4	8.4	8.3	8.3	² 78,270	609,718	² 7.8	² 83,802	616,393	² 7.4	² 83,483	620,695	² 7.4
Oregon	9.6	9.9	9.9	10.3	50,377	521,945	10.4	51,458	527,914	10.3	52,259	537,854	10.3
Pennsylvania	8.7	8.9	9.0	9.1	193,696	1,764,946	9.1	198,087	1,787,533	9.0	201,134	1,804,256	9.0
Rhode Island	8.8	9.2	9.1	9.4	15,438	147,487	9.6	16,517	149,799	9.1	16,823	151,324	9.0
South Carolina	9.4	9.4	9.5	² 9.0	² 74,196	648,725	² 8.7	² 74,859	645,586	² 8.6	² 76,932	653,011	² 8.5
South Dakota	8.5	8.9	8.6	8.3	² 17,989	143,482	² 8.0	² 18,126	144,685	² 8.0	18,108	143,331	7.9
Tennessee	9.5	9.9	9.9	² 9.4	96,281	881,425	² 9.2	98,948	893,770	² 9.0	101,434	905,089	8.9
Texas	10.2	10.3	8.4	8.3	450,462	3,677,171	8.2	462,661	3,748,167	8.1	477,896	3,828,975	8.0
Utah	13.8	13.7	13.3	13.4	36,186	474,675	13.1	37,385	477,121	12.8	37,461	481,812	12.9
Vermont	7.1	7.0	6.6	² 6.9	15,337	104,533	6.8	15,640	105,565	6.7	15,693	106,341	6.8
Virginia	7.7	⁴ 7.8	8.1	8.0	² 133,485	1,060,809	² 7.9	² 137,546	1,079,854	² 7.9	² 139,174	1,096,093	² 7.9
Washington	11.1	11.1	11.0	10.4	² 90,438	938,314	² 10.4	² 91,322	956,572	² 10.5	² 94,692	974,504	² 10.3
West Virginia	8.2	8.3	8.3	8.2	38,481	310,511	8.1	38,645	307,112	7.9	38,099	304,052	8.0
Wisconsin	9.4	9.2	9.0	9.5	100,996	860,581	8.5	95,105	870,175	9.1	99,871	879,259	8.8
Wyoming	7.7	7.8	8.7	7.8	12,999	100,314	7.7	13,164	99,859	7.6	13,337	99,058	7.4
Outlying areas													
American Samoa	9.9	10.5	10.4	10.8	1,340	14,445	10.8	1,417	14,576	10.3	1,470	14,766	10.0
Guam	9.0	9.6	8.6	8.1	4,730	32,185	6.8	3,728	32,960	8.8	3,263	33,393	10.2
Northern Marianas	7.9	7.8	7.4	7.4	1,051	8,429	8.0	1,054	8,809	8.4	1,056	9,041	8.6
Puerto Rico	10.4	9.5	9.4	9.3	³ 68,868	621,121	³ 9.0	69,731	627,620	9.0	71,333	618,861	8.7
Virgin Islands	6.6	6.8	6.8	6.8	³ 3,193	23,126	³ 7.2	3,421	22,737	6.6	3,185	22,385	7.0

¹ U.S. totals include imputations for underreporting and nonreporting states.
² Includes imputations for underreporting.
³ Support staff underreported.
⁴ Estimated by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished estimates. (This table was prepared May 1998.)

Table 88.—Principals in public and private elementary and secondary schools, by selected characteristics: 1993–94

Selected characteristics	Total ¹	Percent of principals, by highest degree earned ²				Average years of experience		Average annual salary of principals, by length of school year ³			
		Bachelor's	Master's	Education specialist	Doctor's and first-professional	As a principal	Prior teaching experience	Total	10 months or less	11 months	12 months
1	2	3	4	5	6	7	8	9	10	11	12
Public schools											
Total	79,618	1.4	63.4	25.8	9.3	8.7	11.0	\$54,858	\$50,103	\$53,117	\$58,399
Men	52,114	1.1	65.1	24.7	9.1	10.3	10.0	54,922	49,545	52,946	58,492
Women	27,505	2.0	60.2	27.9	9.8	5.6	13.0	54,736	50,908	53,439	58,195
Race/ethnicity											
White, non-Hispanic	67,081	1.5	62.8	26.5	9.2	9.0	10.8	54,466	48,797	52,893	58,311
Black, non-Hispanic	8,018	0.0	64.3	23.7	11.9	7.1	12.7	57,669	58,346	54,061	58,836
Hispanic	3,269	2.7	74.5	17.3	5.5	6.3	11.3	55,862	50,035	54,898	59,597
Asian or Pacific Islander											
	620	6.7	50.9	25.4	17.0	5.6	11.7	59,447	56,916	(⁴)	(⁴)
American Indian or Alaskan Native											
	631	1.1	65.8	24.8	8.2	8.2	9.9	51,117	46,401	49,121	55,337
Age											
Under 40	5,936	4.5	71.2	18.9	5.3	2.8	7.8	46,542	41,817	46,877	49,779
40 to 44	14,571	1.6	65.4	26.2	6.7	5.0	10.3	52,038	48,033	49,581	55,443
45 to 49	25,427	0.9	59.8	30.0	9.3	7.1	11.4	55,423	50,663	53,705	58,872
50 to 54	18,868	1.0	63.9	24.9	10.3	10.3	11.8	56,559	52,464	54,279	59,643
55 or over	14,817	1.4	63.8	22.4	12.4	15.1	11.6	57,826	52,414	56,355	62,148
Type of school											
Elementary	53,684	1.5	64.1	25.7	8.6	8.9	11.2	54,161	50,306	52,930	57,620
Secondary	18,262	1.2	63.1	25.4	10.3	8.0	10.6	56,601	47,100	53,982	60,204
Combined	2,747	2.6	60.2	27.8	9.4	7.5	10.9	52,825	50,729	51,879	54,040
Private schools											
Total	25,015	25.9	51.6	8.2	5.9	8.8	9.4	\$32,075	\$21,994	\$32,215	\$35,295
Men	11,606	23.1	49.6	6.8	9.2	9.0	7.6	35,597	21,144	41,663	38,350
Women	13,410	28.3	53.3	9.4	3.0	8.6	11.1	29,185	22,537	27,818	32,231
Race/ethnicity											
White, non-Hispanic	23,133	25.6	52.1	8.1	5.8	8.7	9.5	31,969	21,289	32,071	35,283
Black, non-Hispanic	1,060	26.5	43.6	11.0	4.6	8.3	7.4	34,383	(⁴)	(⁴)	35,801
Hispanic	524	34.5	44.0	9.2	12.1	10.1	12.1	31,350	(⁴)	(⁴)	(⁴)
Age											
Under 40	4,794	38.1	36.6	8.2	1.4	3.5	5.0	26,308	17,903	33,527	29,420
40 to 44	4,403	35.9	45.5	8.5	5.3	5.3	7.9	30,486	20,004	30,127	33,044
45 to 49	5,144	22.2	59.0	8.1	5.5	8.3	9.9	34,641	23,945	31,812	38,932
50 to 54	4,120	15.1	59.1	7.7	11.0	9.6	11.1	37,727	27,338	35,421	40,097
55 or over	6,553	20.0	56.0	8.3	6.8	14.8	12.4	31,781	23,679	31,308	35,144
Type of school											
Elementary	13,354	26.1	54.2	8.0	4.7	9.4	10.4	28,779	23,427	30,050	30,687
Secondary	2,304	6.0	67.4	14.0	12.4	7.8	10.5	43,683	(⁴)	40,018	45,195
Combined	6,772	29.4	44.2	6.6	5.5	8.0	7.5	33,634	17,957	39,884	37,490

¹Total differs from data appearing in other tables because of varying survey processing procedures and time period coverages.

²Percentages for those with less than a bachelor's degree are not shown.

³Excludes principals reporting a salary of \$0. About 7.4 percent of private school principals had \$0 salary. If these principals are included in the average annual salary calculations, the average for all private school principals is \$29,714.

⁴Too few cases for reliable estimate.

NOTE.—Details may not add to 100.0 percent because of rounding and survey item nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared November 1996.)

Table 89.—Public elementary and secondary students, schools, pupil/teacher ratios, and finances, by type of locale: 1995 and 1996

Characteristic	Total	Large central city ¹	Mid-size central city ²	Urban fringe of large city ³	Urban fringe of mid-size city ⁴	Large town ⁵	Small town ⁶	Rural ⁷
1	2	3	4	5	6	7	8	9
Schools, enrollment, and teachers, 1996–97								
Enrollment, in thousands	45,705	8,300	7,597	13,588	4,330	803	5,279	5,808
Schools	88,223	12,109	13,019	21,523	7,828	1,616	12,516	19,609
Average school size ⁸	527	729	590	635	560	506	430	299
Pupil/teacher ratio ⁹	17.3	18.5	17.1	17.9	17.4	17.2	16.5	15.6
Enrollment (percent distribution)	100.0	18.2	16.6	29.7	9.5	1.8	11.6	12.7
Schools (percent distribution)	100.0	13.7	14.8	24.4	8.9	1.8	14.2	22.2
Revenues and expenditures, 1994–95 (in millions)								
Total revenue	\$267,361	\$51,109	\$43,649	\$83,883	\$23,728	\$4,076	\$27,654	\$33,263
Federal	17,588	4,932	3,285	3,267	1,315	316	2,249	2,223
Impact aid	679	61	88	143	53	14	129	191
Bilingual education	31	7	5	5	2	2	5	6
Indian education	47	3	4	4	1	2	15	19
Children with disabilities	1,918	391	357	537	166	36	229	202
Eisenhower science awards	158	45	30	36	12	3	17	15
Drug Free schools	281	74	54	65	22	5	32	30
Chapter 2 (block grants)	323	86	59	71	24	6	39	39
Vocational education	569	183	112	99	39	11	74	52
Chapter 1	6,347	1,984	1,217	971	440	113	823	798
Other and unclassified	7,235	2,098	1,361	1,337	556	125	886	871
State	126,688	23,667	21,973	34,031	11,719	2,258	15,182	17,858
State school lunch programs	441	107	90	94	39	5	50	56
Local	123,085	22,510	18,391	46,585	10,693	1,501	10,222	13,183
Property tax ¹⁰	82,657	13,301	11,778	33,429	6,697	1,051	7,325	9,076
Parent government contribution ¹⁰	22,271	5,839	3,693	7,761	2,210	162	889	1,717
Lunch sales	4,121	500	642	1,373	434	74	497	601
Transportation	35	3	5	16	3	1	4	3
Other	14,001	2,866	2,273	4,005	1,349	213	1,508	1,786
Total revenue (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal	6.6	9.6	7.5	3.9	5.5	7.8	8.1	6.7
State	47.4	46.3	50.3	40.6	49.4	55.4	54.9	53.7
Local	46.0	44.0	42.1	55.5	45.1	36.8	37.0	39.6
Total expenditures	\$264,336	\$51,145	\$43,349	\$83,108	\$23,287	\$4,048	\$27,147	\$32,252
Current expenditures	239,725	46,729	39,379	74,775	20,962	3,712	24,830	29,337
Instruction	147,620	28,884	24,081	45,792	13,201	2,298	15,369	17,995
Operation and maintenance	23,748	4,961	3,948	7,561	1,916	368	2,302	2,692
Food service	10,024	1,959	1,712	2,509	921	175	1,308	1,440
Other	58,333	10,925	9,638	18,913	4,925	871	5,850	7,211
Capital outlay	19,433	3,521	3,167	6,531	1,814	262	1,857	2,280
Interest on school debt	5,179	896	803	1,801	511	74	460	634
Current expenditures (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Instruction	61.6	61.8	61.2	61.2	63.0	61.9	61.9	61.3
Operation and maintenance	9.9	10.6	10.0	10.1	9.1	9.9	9.3	9.2
Food service	4.2	4.2	4.3	3.4	4.4	4.7	5.3	4.9
Other	24.3	23.4	24.5	25.3	23.5	23.5	23.6	24.6
Current expenditure per student	\$5,481	\$5,881	\$5,388	\$5,859	\$5,034	\$4,744	\$4,812	\$5,225
Instruction expenditure per student	3,375	3,635	3,295	3,588	3,170	2,937	2,979	3,205

¹ Central city of metropolitan statistical area (MSA) with population of 400,000 or more or a population density of 6,000 or more persons per square mile.

² Central city of an MSA but not designated as a large central city.

³ Place within the MSA of a large central city.

⁴ Place within the MSA of a mid-size central city.

⁵ Place not within an MSA but with population of 25,000 or more and defined as urban.

⁶ Place not within an MSA with a population of at least 2,500 but less than 25,000.

⁷ Place with a population of less than 2,500.

⁸ Average for schools reporting enrollment.

⁹ Ratio for schools reporting both FTE teachers and fall enrollment data.

¹⁰ Property tax and parent government contributions are determined on the basis of independence or dependence of the local school system and are mutually exclusive.

NOTE.—Locale classification procedures not comparable with previous years. Enrollments by locale were used to distribute school district revenue and expenditure amounts by locale classification.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and U.S. Department of Commerce, Bureau of the Census, *Survey of Local Government Finances*, unpublished data. (This table was prepared February 1999.)

Table 90.—Public school districts and public and private elementary and secondary schools: 1929–30 to 1996–97

School year	Public school districts ¹	Public schools ²					Private schools ^{2,3}		
		Total, all schools ⁴	Total, regular schools ⁵	Schools with elementary grades		Schools with secondary grades	Total ⁴	Schools with elementary grades	Schools with secondary grades
				Total	One-teacher				
1	2	3	4	5	6	7	8	9	10
1929–30	—	—	—	238,306	149,282	23,930	—	9,275	3,258
1937–38	119,001	—	—	221,660	121,178	25,467	—	9,992	3,327
1939–40	117,108	—	—	—	113,600	—	—	11,306	3,568
1945–46	101,382	—	—	160,227	86,563	24,314	—	9,863	3,294
1947–48	94,926	—	—	146,760	75,096	25,484	—	10,071	3,292
1949–50	83,718	—	—	128,225	59,652	24,542	—	10,375	3,331
1951–52	71,094	—	—	123,763	50,742	23,746	—	10,666	3,322
1953–54	63,057	—	—	110,875	42,865	25,637	—	11,739	3,913
1955–56	54,859	—	—	104,427	34,964	26,046	—	12,372	3,887
1957–58	47,594	—	—	95,446	25,341	25,507	—	13,065	3,994
1959–60	40,520	—	—	91,853	20,213	25,784	—	13,574	4,061
1961–62	35,676	—	—	81,910	13,333	25,350	—	14,762	4,129
1963–64	31,705	—	—	77,584	9,895	26,431	—	—	4,451
1965–66	26,983	—	—	73,216	6,491	26,597	17,849	15,340	4,606
1967–68	22,010	—	94,197	70,879	4,146	27,011	—	—	—
1970–71	17,995	—	89,372	65,800	1,815	25,352	—	14,372	3,770
1973–74	16,730	—	88,655	65,070	1,365	25,906	—	—	—
1975–76	16,376	88,597	87,034	63,242	1,166	25,330	—	—	—
1976–77	16,271	—	86,501	62,644	1,111	25,378	19,910	16,385	5,904
1978–79	16,014	—	84,816	61,982	1,056	24,504	19,489	16,097	5,766
1980–81	15,912	85,982	83,688	61,069	921	24,362	20,764	16,792	5,678
1982–83	15,824	84,740	82,039	59,656	798	23,988	—	—	—
1983–84	15,747	84,178	81,418	59,082	838	23,947	⁶ 27,694	⁶ 20,872	⁶ 7,862
1984–85	—	84,007	81,147	58,827	825	23,916	—	—	—
1985–86	—	—	—	—	—	—	⁶ 25,616	⁶ 20,252	⁶ 7,387
1986–87	⁷ 15,713	83,455	82,190	60,784	763	23,389	—	—	—
1987–88	⁷ 15,577	83,248	81,416	59,754	729	23,841	⁶ 26,807	⁶ 22,959	⁶ 8,418
1988–89	⁷ 15,376	83,165	81,579	60,176	583	23,638	—	—	—
1989–90	⁷ 15,367	83,425	81,880	60,699	630	23,461	—	—	—
1990–91	⁷ 15,358	84,538	82,475	61,340	617	23,460	⁶ 24,690	⁶ 22,223	⁶ 8,989
1991–92	⁷ 15,173	84,578	82,506	61,739	569	23,248	⁶ 25,998	⁶ 23,523	⁶ 9,282
1992–93	⁷ 15,025	84,497	82,896	62,225	430	23,220	—	—	—
1993–94	⁷ 14,881	85,393	83,431	62,726	442	23,379	⁶ 26,093	⁶ 23,543	⁶ 10,555
1994–95	⁷ 14,772	86,221	84,476	63,572	458	23,668	—	—	—
1995–96	⁷ 14,766	87,125	84,958	63,961	474	23,793	27,686	25,153	10,942
1996–97	⁷ 14,841	88,223	86,092	64,785	487	24,287	—	—	—

¹ Includes operating and nonoperating districts.
² Schools with both elementary and secondary programs are included under elementary schools and also under secondary schools.
³ Data for most years are partly estimated.
⁴ Includes regular schools and special schools not classified by grade span.
⁵ Includes elementary, secondary, and combined elementary/secondary schools.
⁶ These data are from sample surveys and should not be compared directly with the data for earlier years.
⁷ Because of expanded survey coverage, data are not directly comparable with figures for earlier years.
 —Data not available.
 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; Private Schools in American Education*; and Common Core of Data surveys. (This table was prepared February 1999.)

Table 91.—Public school districts and enrollment, by size of district: 1988–89 to 1996–97

Enrollment size of district	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96			1996–97		
	Number of districts	Number of districts	Number of districts	Number of districts	Number of districts	Number of districts	Number of districts	Number of districts	Percent of districts	Percent of students	Number of districts	Percent of districts	Percent of students
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	15,376	15,367	15,358	15,173	15,025	14,881	14,772	14,766	100.0	100.0	14,841	100.0	100.0
25,000 or more	177	179	190	195	202	206	207	216	1.5	30.5	226	1.5	31.1
10,000 to 24,999	473	479	489	502	510	525	542	553	3.7	18.6	569	3.8	18.7
5,000 to 9,999	924	913	937	941	955	973	996	1,013	6.9	15.7	1,024	6.9	15.5
2,500 to 4,999	1,907	1,937	1,940	1,981	2,002	2,008	2,013	2,027	13.7	16.0	2,069	13.9	15.9
1,000 to 2,499	3,529	3,547	3,542	3,525	3,530	3,570	3,579	3,554	24.1	13.1	3,536	23.8	12.7
600 to 999	1,813	1,801	1,799	1,793	1,798	1,785	1,777	1,777	12.0	3.2	1,772	11.9	3.1
300 to 599	2,266	2,283	2,275	2,222	2,200	2,162	2,113	2,104	14.2	2.1	2,066	13.9	2.0
1 to 299	3,984	3,910	3,816	3,648	3,465	3,294	3,173	3,123	21.1	1.0	3,160	21.3	1.0
Size not reported ¹	303	318	370	366	363	358	372	399	2.7	—	419	2.8	—

¹ Includes school districts reporting enrollment of 0.
 —Data not reported.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared October 1998.)
 NOTE.—Because of rounding, details may not add to totals.

Table 92.—Number and percentage of public elementary and secondary education agencies, by state and type of agency: 1995–96 and 1996–97

State or other area	Total agencies		Regular school districts, including supervisory union components		Regional education service agencies and supervisory union administrative centers		State-operated agencies		Federally operated agencies		Other agencies	
	1995–96	1996–97	1995–96	1996–97	1995–96	1996–97	1995–96	1996–97	1995–96	1996–97	1995–96	1996–97
United States	16,265	16,359	14,766	14,841	1,164	1,165	194	194	44	44	97	115
Alabama	131	131	127	127	0	0	1	1	3	3	0	0
Alaska	55	55	55	53	0	0	0	2	0	0	0	0
Arizona	242	317	227	302	5	5	1	1	8	8	1	1
Arkansas	332	331	311	311	17	16	4	4	0	0	0	0
California	1,060	1,060	999	999	58	58	3	3	0	0	0	0
Colorado	194	194	176	176	18	18	0	0	0	0	0	0
Connecticut	179	179	166	166	6	6	4	4	0	0	3	3
Delaware	22	24	19	19	0	0	3	3	0	0	0	2
District of Columbia	1	1	1	1	0	0	0	0	0	0	0	0
Florida	74	74	67	67	0	0	1	1	0	0	6	6
Georgia	180	180	180	180	0	0	0	0	0	0	0	0
Hawaii	1	1	1	1	0	0	0	0	0	0	0	0
Idaho	113	113	112	112	0	0	1	1	0	0	0	0
Illinois	1,024	1,040	905	924	83	81	5	5	0	0	31	30
Indiana	327	327	295	295	28	28	3	3	0	0	1	1
Iowa	415	408	384	379	15	15	15	13	1	1	0	0
Kansas	304	304	304	304	0	0	0	0	0	0	0	0
Kentucky	258	258	176	176	0	0	80	80	2	2	0	0
Louisiana	72	72	66	66	0	0	5	5	0	0	1	1
Maine	326	326	284	284	40	40	1	1	0	0	1	1
Maryland	24	24	24	24	0	0	0	0	0	0	0	0
Massachusetts	464	465	353	353	85	85	1	1	0	0	25	26
Michigan	693	730	631	668	57	57	4	4	0	0	1	1
Minnesota	452	453	388	382	61	68	3	3	0	0	0	0
Mississippi	164	164	153	153	0	0	10	10	1	1	0	0
Missouri	537	531	531	525	0	0	2	2	0	0	4	4
Montana	551	551	472	472	77	77	2	2	0	0	0	0
Nebraska	786	774	668	656	112	112	6	6	0	0	0	0
Nevada	18	18	17	17	0	0	1	1	0	0	0	0
New Hampshire	246	248	178	178	68	70	0	0	0	0	0	0
New Jersey	620	620	608	608	12	12	0	0	0	0	0	0
New Mexico	89	89	89	89	0	0	0	0	0	0	0	0
New York	753	744	715	706	38	38	0	0	0	0	0	0
North Carolina	123	123	119	119	0	0	2	2	2	2	0	0
North Dakota	284	282	238	236	38	38	3	3	5	5	0	0
Ohio	781	776	661	661	94	89	3	3	0	0	23	23
Oklahoma	548	549	548	549	0	0	0	0	0	0	0	0
Oregon	243	226	234	219	6	5	2	1	1	1	0	0
Pennsylvania	614	614	501	501	101	100	12	13	0	0	0	0
Rhode Island	37	37	36	36	0	0	1	1	0	0	0	0
South Carolina	106	104	95	95	11	9	0	0	0	0	0	0
South Dakota	218	218	177	177	17	17	5	5	19	19	0	0
Tennessee	140	140	140	140	0	0	0	0	0	0	0	0
Texas	1,044	1,059	1,044	1,043	0	0	0	0	0	0	0	16
Utah	47	47	40	40	5	5	2	2	0	0	0	0
Vermont	344	346	284	285	60	60	0	1	0	0	0	0
Virginia	165	169	141	141	22	26	0	0	2	2	0	0
Washington	305	305	296	296	9	9	0	0	0	0	0	0
West Virginia	57	57	55	55	0	0	2	2	0	0	0	0
Wisconsin	444	444	426	426	16	16	2	2	0	0	0	0
Wyoming	58	57	49	49	5	5	4	3	0	0	0	0
Department of Defense dependents schools	12	12	0	0	0	0	0	0	12	12	0	0
Outlying areas												
American Samoa	1	1	1	1	0	0	0	0	0	0	0	0
Guam	1	1	1	1	0	0	0	0	0	0	0	0
Northern Marianas	1	1	1	1	0	0	0	0	0	0	0	0
Puerto Rico	1	1	1	1	0	0	0	0	0	0	0	0
Virgin Islands	1	1	1	1	0	0	0	0	0	0	0	0

NOTE.—Data for 1995–96 have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared October 1998.)

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, ¹ fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996	
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12			
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native												
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Districts with more than 15,000 students	—	15,893,464	18,397,774	45.3	54.7	26.9	21.4	5.7	0.7	—	—	—	—	—	—	—	—	—	—	25,818	
Baldwin County	AL	17,054	21,410	81.3	18.7	17.8	0.5	0.2	0.1	1,327	16.1	2,437	8.8	5.8	6.4	4.5	6.1	6.0	1,040	35	
Birmingham City	AL	42,240	41,133	5.9	94.1	93.6	0.2	0.3	0.1	2,497	16.5	4,497	9.1	7.0	8.0	7.3	7.4	3.4	1,693	93	
Huntsville City	AL	24,807	23,993	56.1	43.9	39.1	1.4	3.0	0.5	1,678	14.3	3,002	8.0	5.5	6.5	5.3	5.8	3.9	1,348	44	
Jefferson County	AL	40,551	41,663	82.4	17.6	16.9	0.3	0.4	0.1	2,589	16.1	4,991	8.3	5.9	4.6	6.4	7.9	4.7	2,477	63	
Madison County	AL	13,210	18,905	—	—	—	—	—	—	1,029	18.4	1,962	9.6	5.9	5.8	5.9	7.3	4.7	921	23	
Mobile County	AL	67,553	64,833	48.7	51.3	49.2	0.3	1.4	0.4	3,632	17.9	7,000	9.3	6.5	8.7	6.4	5.3	3.5	3,172	88	
Montgomery County	AL	35,984	34,746	29.9	70.1	68.3	0.7	1.0	0.1	2,119	16.4	3,892	8.9	5.1	2.1	6.8	7.0	4.9	1,484	56	
Shelby County	AL	15,624	18,472	86.2	13.8	12.3	0.5	0.8	0.1	1,088	17.0	2,068	8.9	4.9	3.3	6.7	5.3	4.6	977	28	
Tuscaloosa County	AL	14,090	15,372	77.4	22.6	22.0	0.3	0.3	0.1	943	16.3	1,746	8.8	5.4	5.3	5.7	5.8	4.5	869	27	
Anchorage	AK	40,924	48,109	67.9	32.1	8.8	4.7	7.4	11.3	2,521	19.1	4,603	10.5	—	—	—	—	—	2,291	87	
Fairbanks North Star Borough	AK	13,678	16,339	73.9	26.1	8.6	3.2	3.0	11.3	872	18.7	1,650	9.9	—	—	—	—	—	632	31	
Amphitheater Unified	AZ	13,519	15,898	67.9	32.1	3.3	24.4	2.6	1.8	803	19.8	1,647	9.7	—	—	—	—	—	784	18	
Cartwright Elementary	AZ	13,952	17,041	32.5	67.5	11.1	53.8	1.1	1.6	835	20.4	1,883	9.0	—	—	—	—	—	—	18	
Chandler Unified	AZ	10,510	16,748	60.9	39.1	3.9	31.4	2.2	1.7	809	20.7	1,521	11.0	—	—	—	—	—	507	19	
Deer Valley Unified	AZ	15,290	21,680	87.8	12.2	1.8	7.8	2.0	0.6	1,093	19.8	1,950	11.1	—	—	—	—	—	758	22	
Gilbert Unified	AZ	9,451	19,877	85.3	14.7	1.9	10.3	2.1	0.5	1,044	19.0	1,897	10.5	—	—	—	—	—	942	21	
Kyrene Elementary	AZ	9,281	18,578	80.3	19.7	3.9	9.8	4.9	1.1	969	19.2	1,688	11.0	—	—	—	—	—	—	23	
Mesa Unified	AZ	61,324	70,181	74.9	25.1	3.0	17.1	1.8	3.2	3,432	20.4	6,620	10.6	—	—	—	—	—	2,228	76	
Paradise Valley Unified	AZ	25,964	33,233	86.4	13.6	1.8	9.0	2.2	0.6	1,605	20.7	2,882	11.5	—	—	—	—	—	1,550	37	
Peoria Unified	AZ	19,865	28,182	77.5	22.5	3.4	16.1	2.3	0.7	1,369	20.6	2,433	11.6	—	—	—	—	—	1,333	30	
Phoenix Union High	AZ	18,006	21,307	25.3	74.7	12.0	57.2	2.1	3.4	1,110	19.2	2,215	9.6	—	—	—	—	—	2,275	12	
Scottsdale Unified	AZ	19,273	25,103	87.4	12.6	1.4	7.8	2.4	0.9	1,318	19.0	2,303	10.9	—	—	—	—	—	1,246	28	
Tucson Unified	AZ	55,737	62,867	45.6	54.4	6.4	42.0	2.3	3.7	3,374	18.6	6,779	9.3	—	—	—	—	—	2,594	113	
Washington Elementary	AZ	21,875	25,268	73.4	26.6	4.1	18.1	2.3	2.1	1,415	17.9	2,429	10.4	—	—	—	—	—	—	33	
Little Rock	AR	26,057	25,006	30.5	69.5	67.0	1.3	1.1	0.1	1,632	15.3	3,042	8.2	6.5	2.6	8.5	8.9	6.4	1,458	48	
Pulaski County Special	AR	21,607	20,295	66.0	34.0	32.7	0.7	0.5	0.1	1,195	17.0	2,364	8.6	5.4	4.0	4.8	6.9	6.4	1,021	37	
ABC Unified	CA	20,943	21,904	18.2	81.8	10.5	32.0	39.1	0.3	970	22.6	1,769	12.4	1.9	0.7	1.3	1.5	4.3	1,496	30	
Alum Rock Union Elementary	CA	15,964	15,887	8.1	91.9	3.3	66.0	21.9	0.7	619	25.6	1,079	14.7	—	—	—	—	—	25	—	
Alvord Unified	CA	13,973	16,746	40.5	59.5	7.0	45.7	6.5	0.3	665	25.2	1,112	15.1	2.8	2.8	2.7	2.7	3.1	672	17	
Anaheim Elementary	CA	13,984	19,471	16.5	83.5	2.2	74.1	6.8	0.3	770	25.3	1,489	13.1	—	—	—	—	—	22	—	
Anaheim Union High	CA	21,394	25,593	33.5	66.5	3.8	45.9	16.2	0.6	976	26.2	1,719	14.9	0.8	1.2	0.6	0.6	0.5	2,661	20	
Antelope Valley Union High	CA	9,798	15,366	52.9	47.1	14.7	27.4	4.5	0.6	533	28.8	1,001	15.3	1.1	0.5	1.2	1.8	1.7	2,193	8	
Antioch Unified	CA	12,608	16,622	62.2	37.8	8.8	19.7	7.9	1.3	696	23.9	1,172	14.2	0.5	0.1	1.0	0.5	0.4	742	17	
Bakersfield City Elementary	CA	23,585	26,854	23.5	76.5	13.6	59.2	2.3	1.3	1,270	21.1	2,489	10.8	—	—	—	—	—	—	37	—
Baldwin Park Unified	CA	15,675	16,506	4.9	95.1	1.8	84.6	8.3	0.3	600	27.5	1,184	13.9	3.7	4.5	5.0	2.0	2.7	762	21	
Cajon Valley Union Elementary ..	CA	16,443	19,145	68.5	31.5	5.8	21.1	3.3	1.3	880	21.8	1,449	13.2	—	—	—	—	—	—	26	—
Capistrano Unified	CA	24,846	37,539	75.6	24.4	1.6	16.6	6.0	0.3	1,632	23.0	2,776	13.5	1.5	0.9	1.0	1.7	2.7	1,720	36	
Chaffey Union High	CA	12,855	17,296	38.3	61.7	9.8	44.4	6.8	0.7	654	26.4	1,158	14.9	5.0	2.5	3.3	5.8	9.6	2,848	7	
Chino Unified	CA	22,127	29,342	48.8	51.2	5.1	37.0	8.9	0.1	1,214	24.2	2,064	14.2	0.5	0.1	0.1	0.0	2.2	1,351	30	
Chula Vista Elementary	CA	16,952	19,899	25.4	74.6	5.8	56.7	11.3	0.8	844	23.6	1,508	13.2	—	—	—	—	—	—	33	—
Clovis Unified	CA	21,299	30,627	64.0	36.0	3.0	18.8	12.8	1.4	1,349	22.7	2,493	12.3	3.3	3.0	3.1	4.0	3.2	1,580	32	
Colton Joint Unified	CA	15,342	19,712	24.8	75.2	8.4	62.3	3.9	0.5	820	24.0	1,498	13.2	1.7	1.8	0.7	1.1	3.4	749	25	
Compton Unified	CA	26,889	28,839	0.2	99.8	36.4	62.2	1.1	0.1	1,026	28.1	2,322	12.4	8.6	4.0	10.0	10.6	13.9	749	35	
Conejo Valley Unified	CA	17,092	18,553	77.1	22.9	1.5	14.1	6.7	0.7	779	23.8	1,337	13.9	1.4	1.0	1.7	1.2	1.8	1,166	27	
Corona-Norco Unified	CA	21,660	29,528	48.8	51.2	4.1	41.0	5.5	0.5	1,170	25.2	2,091	14.1	2.8	1.2	1.4	3.5	5.8	1,406	34	
Desert Sands Unified	CA	15,241	20,461	36.2	63.8	2.4	59.2	1.8	0.5	811	25.2	1,571	13.0	4.3	2.8	7.5	3.1	3.2	908	23	
Downey Unified	CA	14,731	19,100	25.6	74.4	5.0	60.4	8.2	0.8	760	25.1	1,354	14.1	1.3	2.2	1.4	0.8	0.4	1,010	21	
East Side Union High	CA	21,566	23,037	18.8	81.2	6.1	39.0	35.2	0.9	1,015	22.7	1,697	13.6	7.9	8.7	6.0	7.8	9.2	4,167	15	
Elk Grove Unified	CA	24,390	37,787	42.2	57.8	19.1	15.7	21.6	1.3	1,635	23.1	2,930	12.9	4.0	3.8	3.0	3.3	6.3	1,572	40	
Escondido Union Elementary	CA	13,868	17,583	46.7	53.3	2.7	45.9	4.2	0.5	773	22.8	1,346	13.1	—	—	—	—	—	19	—	
Fairfield-Suisun Unified	CA	18,892	21,202	46.4	53.6	20.5	17.1	15.2	0.8	926	22.9	1,460	14.5	1.5	0.6	1.7	1.9	1.8	896	26	
Fontana Unified	CA	24,521	32,175	21.8	78.2	12.4	62.9	2.5	0.5	1,320	24.4	2,254	14.3	2.3	2.3	2.9	2.4	1.6	1,397	31	
Fremont Unified	CA	26,913	30,237	49.6	50.4	5.0	13.6	31.2	0.5	1,233	24.5	1,979	15.3	1.8	1.9	1.8	1.8	1.7	1,603	41	

ELEMENTARY AND SECONDARY: SCHOOLS AND SCHOOL DISTRICTS 99

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Fresno Unified	CA	67,492	78,470	22.8	77.2	11.1	43.6	21.7	0.8	3,525	22.3	6,639	11.8	7.1	6.7	7.6	7.5	6.3	2,868	90
Garden Grove Unified	CA	36,725	44,661	24.4	75.6	1.3	42.8	31.0	0.3	1,810	24.7	3,514	12.7	1.6	1.5	1.7	1.3	2.0	2,203	63
Glendale Unified	CA	24,280	30,164	58.8	41.2	1.1	23.6	16.3	0.2	1,131	26.7	2,336	12.9	0.4	0.0	0.2	0.6	0.9	1,785	29
Grossmont Union High	CA	18,626	22,202	69.9	30.1	5.9	17.3	5.4	1.4	885	25.1	1,736	12.8	4.0	4.4	4.3	4.2	2.7	3,663	13
Hacienda La Puente Unified	CA	22,779	22,345	10.9	89.1	2.6	66.9	19.2	0.4	892	25.1	1,744	12.8	2.9	2.6	2.2	2.8	4.2	1,241	35
Hayward Unified	CA	18,608	21,693	24.5	75.5	19.7	36.2	18.8	0.7	977	22.2	1,619	13.4	6.5	7.4	6.7	6.5	4.5	830	33
Hemet Unified	CA	11,976	15,500	66.1	33.9	2.6	28.6	2.0	0.8	632	24.5	1,111	13.9	1.9	1.4	2.9	1.4	1.8	700	18
Hesperia Unified	CA	11,814	15,327	61.4	38.6	5.2	31.2	1.5	0.6	618	24.8	1,186	12.9	6.5	5.5	5.7	8.2	8.2	622	16
Inglewood Unified	CA	15,863	16,765	0.6	99.4	43.3	55.2	0.9	0.1	612	27.4	1,086	15.4	4.7	4.9	4.3	4.0	5.8	522	18
Irvine Unified	CA	20,303	22,563	63.3	36.7	3.2	7.3	25.8	0.4	996	22.7	1,735	13.0	0.5	0.8	0.3	0.1	0.8	1,530	31
Jurupa Unified	CA	14,571	17,686	41.2	58.8	5.2	51.4	2.1	0.2	717	24.7	1,285	13.8	3.0	3.9	2.4	2.7	2.8	777	23
Kern Union High	CA	19,391	25,919	48.7	51.3	7.3	40.1	3.0	0.9	962	26.9	1,969	13.2	4.2	1.7	2.4	4.0	12.2	4,514	23
Lodi Unified	CA	23,230	25,662	46.5	53.5	5.8	23.3	23.7	0.8	1,166	22.0	2,172	11.8	4.8	3.4	5.3	5.5	5.4	1,246	35
Long Beach Unified	CA	68,292	83,038	19.9	80.1	20.7	39.0	20.0	0.4	3,613	23.0	7,322	13.3	10.2	6.2	7.5	11.7	17.1	3,178	84
Los Angeles Unified	CA	609,746	667,305	11.0	89.0	14.0	68.0	6.7	0.3	28,492	23.4	53,221	12.5	8.9	8.5	10.2	9.4	6.6	24,646	642
Lynwood Unified	CA	14,612	16,206	0.4	99.6	13.0	85.8	0.8	0.1	599	27.1	1,069	15.2	4.5	4.3	6.4	4.8	1.8	590	12
Madera Unified	CA	13,046	16,015	28.7	71.3	3.7	66.0	1.3	0.2	683	23.5	1,314	12.2	4.9	1.4	3.7	3.7	12.5	672	20
Manteca Unified	CA	13,177	15,841	59.3	40.7	4.4	28.1	6.8	1.4	650	24.4	1,138	13.9	1.6	2.0	2.0	1.1	0.8	676	19
Modesto City Elementary	CA	16,609	18,157	40.7	59.3	4.6	41.5	12.4	0.8	750	24.2	1,337	13.6	—	—	—	—	—	—	27
Montebello Unified	CA	32,362	33,147	3.8	96.2	0.5	90.1	5.5	0.1	1,184	28.0	2,323	14.3	3.4	4.0	3.3	2.0	3.9	1,440	28
Moreno Valley Unified	CA	26,630	31,303	36.9	63.1	22.7	33.6	6.5	0.3	1,299	24.1	2,488	12.6	2.3	2.0	2.4	2.5	2.5	1,477	34
Mt. Diablo Unified	CA	32,534	35,834	67.8	32.2	4.7	15.6	11.4	0.4	1,618	22.1	2,702	13.3	2.7	2.7	1.7	3.3	3.2	1,897	54
Napa Valley Unified	CA	12,978	15,704	68.7	31.3	1.7	25.0	3.5	1.1	719	21.8	1,250	12.6	0.7	0.5	0.5	0.6	1.6	776	30
Newport-Mesa Unified	CA	16,085	19,560	58.8	41.2	1.1	33.4	6.5	0.1	870	22.5	1,554	12.6	1.6	2.0	1.9	1.4	1.1	996	27
Norwalk-La Mirada Unified	CA	18,557	21,600	24.5	75.5	5.0	62.1	8.2	0.3	843	25.6	1,929	11.2	3.7	1.4	1.2	6.0	7.7	981	26
Oakland Unified	CA	50,741	53,462	6.2	93.8	51.7	21.7	19.9	0.5	2,508	21.3	4,618	11.6	9.1	8.9	10.4	8.9	7.1	1,710	93
Oceanside City Unified	CA	16,309	20,247	34.3	65.7	15.1	40.8	8.9	0.8	867	23.3	1,556	13.0	1.9	1.8	2.0	1.7	2.0	691	22
Ontario-Montclair Elementary	CA	20,356	24,196	17.2	82.8	7.9	70.2	4.1	0.5	1,068	22.7	1,930	12.5	—	—	—	—	—	—	31
Orange Unified	CA	24,618	28,294	48.8	51.2	2.1	36.0	12.7	0.3	1,112	25.4	2,108	13.4	2.7	3.6	2.8	2.5	1.8	1,517	37
Pajaro Valley Joint Unified	CA	16,147	18,355	25.1	74.9	0.6	71.4	2.8	0.2	815	22.5	1,622	11.3	3.3	5.4	3.0	2.0	1.0	698	24
Palm Springs Unified	CA	13,302	18,129	37.2	62.8	5.9	52.2	3.6	1.1	749	24.2	1,442	12.6	2.6	3.1	1.9	1.8	3.7	618	21
Palmdale Elementary	CA	11,548	18,631	40.9	59.1	15.4	38.4	4.2	1.0	659	28.3	1,106	16.8	—	—	—	—	—	—	18
Paramount Unified	CA	12,738	15,843	5.5	94.5	15.3	74.8	4.0	0.4	647	24.5	1,236	12.8	7.8	9.6	8.6	6.4	5.2	534	15
Pasadena Unified	CA	21,674	22,490	17.2	82.8	32.9	46.0	3.7	0.1	942	23.9	1,966	11.4	4.6	4.4	5.8	4.3	3.7	986	30
Placentia-Yorba Linda Unified	CA	21,216	24,381	63.5	36.5	2.1	25.1	9.1	0.2	986	24.7	1,689	14.4	1.0	0.6	1.4	1.0	1.0	1,239	29
Pomona Unified	CA	25,990	31,214	9.8	90.2	11.5	70.7	7.9	0.1	1,199	26.0	2,237	14.0	5.0	4.9	5.5	4.6	4.8	1,039	37
Poway Unified	CA	23,402	30,626	72.6	27.4	2.8	7.5	16.6	0.5	1,339	22.9	2,436	12.6	1.0	0.6	0.5	0.8	2.3	1,812	28
Redlands Unified	CA	15,247	17,950	50.7	49.3	7.8	30.3	10.3	0.9	726	24.7	1,226	14.6	2.0	0.4	0.2	1.8	6.2	997	17
Rialto Unified	CA	18,487	24,757	18.1	81.9	27.9	49.8	4.0	0.2	984	25.2	1,881	13.2	3.4	3.8	3.5	3.5	2.3	1,065	24
Riverside Unified	CA	30,258	35,407	45.1	54.9	10.1	39.4	4.8	0.6	1,502	23.6	2,830	12.5	2.6	3.4	2.8	2.1	1.6	1,670	42
Rowland Unified	CA	18,881	18,833	12.2	87.8	6.6	54.5	26.5	0.2	770	24.4	1,450	13.0	2.9	4.6	3.1	2.0	1.0	1,031	22
Sacramento City Unified	CA	48,061	51,240	27.2	72.8	21.8	22.8	26.7	1.5	2,064	24.8	4,279	12.0	6.3	6.1	6.5	6.4	6.2	1,861	76
Saddleback Valley Unified	CA	24,156	31,833	72.7	27.3	2.1	14.6	10.3	0.3	1,435	22.2	2,197	14.5	1.9	0.3	1.2	2.4	4.3	1,701	35
San Bernardino City Unified	CA	39,033	46,309	24.8	75.2	19.1	50.0	4.7	1.4	1,931	24.0	3,699	12.5	8.1	9.3	7.8	7.6	5.6	1,670	58
San Diego City Unified	CA	119,314	133,687	29.3	70.7	16.9	34.4	18.7	0.7	6,024	22.2	11,805	11.3	3.1	2.7	2.7	2.8	4.5	5,813	163
San Francisco Unified	CA	61,935	61,174	12.7	87.3	16.8	20.9	48.9	0.7	3,412	17.9	5,567	11.0	2.1	2.8	2.2	1.8	1.2	3,549	112
San Jose Unified	CA	29,005	32,592	31.3	68.7	3.4	48.8	14.6	1.9	1,155	28.2	2,619	12.4	1.7	1.1	2.6	1.5	1.6	1,543	49
San Juan Unified	CA	46,640	47,819	77.4	22.6	5.9	8.6	6.0	2.0	2,199	21.8	4,186	11.4	4.4	1.8	2.8	5.1	8.3	2,767	87
San Ramon Valley Unified	CA	15,851	18,967	81.7	18.3	1.7	4.3	11.7	0.6	813	23.3	1,387	13.7	1.2	0.2	0.3	0.9	3.5	1,208	25
Santa Ana Unified	CA	42,785	52,107	3.6	96.4	1.2	89.9	5.3	0.0	2,082	25.0	4,147	12.6	7.6	8.1	8.5	7.0	5.8	1,781	45
Simi Valley Unified	CA	18,279	18,923	72.9	27.1	1.7	17.4	7.0	1.0	815	23.2	1,461	13.0	2.1	0.0	0.8	4.0	3.4	1,202	27
Stockton City Unified	CA	31,849	35,154	16.6	83.4	13.0	41.3	27.4	1.6	1,532	22.9	3,132	11.2	2.4	1.7	1.5	2.9	4.5	994	41
Sweetwater Union High	CA	27,265	30,772	18.2	81.8	4.9	63.4	12.9	0.6	1,303	23.6	2,376	12.9	4.4	5.1	4.2	3.6	4.7	3,341	19
Torrance Unified	CA	19,125	23,260	49.3	50.7	4.2	15.0	30.9	0.6	978	23.8	1,713	13.6	0.4	0.2	0.7	0.4	0.5	1,521	30
Vallejo City Unified	CA	18,496	19,479	22.6	77.4	34.3	15.1	27.5	0.6	759	25.7	1,437	13.6	3.6	0.5	7.5	3.7	2.6	879	25
Ventura Unified	CA	15,308	16,859	61.2	38.8	2.3	32.3	3.3	1.0	679	24.8	1,293	13.0	4.7	3.7	3.1	4.4	8.9	809	27
Visalia Unified	CA	19,913	24,515	46.8	53.2	1.8	42.2	8.4	0.8	1,099	22.3	2,010	12.2	3.9	2.8	2.2	3.8	7.4	1,161	32
Vista Unified	CA	17,162	24,874	51.3	48.7	5.8	36.7	5.5	0.7	1,052	23.6	1,942	12.8	2.8	1.8	1.7	3.2	4.6	1,101	25

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
West Contra Costa Unified	CA	31,102	32,284	22.5	77.5	35.0	23.7	18.5	0.3	1,412	22.9	2,596	12.4	2.9	3.0	2.9	3.2	2.1	1,600	57
Adams-Arapahoe	CO	25,345	28,492	54.1	45.9	24.1	15.7	5.1	1.0	1,502	19.0	2,920	9.8	—	—	—	—	—	1,177	44
Boulder Valley	CO	21,013	25,648	82.9	17.1	1.7	10.0	4.5	0.9	1,373	18.7	2,603	9.9	—	—	—	—	—	1,361	52
Cherry Creek	CO	28,027	37,128	82.6	17.4	7.0	5.1	4.9	0.4	2,018	18.4	4,001	9.3	—	—	—	—	—	2,101	45
Colorado Springs	CO	29,931	33,175	73.3	26.7	9.5	13.9	2.3	1.1	1,696	19.6	3,162	10.5	—	—	—	—	—	1,648	61
Denver County	CO	58,299	66,331	26.1	73.9	21.3	47.5	3.7	1.4	3,198	20.7	7,117	9.3	—	—	—	—	—	2,363	118
Douglas County	CO	12,001	24,495	92.9	7.1	0.9	3.5	2.2	0.5	1,330	18.4	2,491	9.8	—	—	—	—	—	1,055	39
Jefferson County	CO	75,164	86,670	86.0	14.0	1.1	9.3	2.8	0.7	4,134	21.0	9,201	9.4	—	—	—	—	—	4,443	151
Littleton	CO	15,356	16,044	90.7	9.3	1.3	4.9	2.7	0.4	856	18.8	1,615	9.9	—	—	—	—	—	960	25
Mesa County Valley	CO	16,286	19,049	85.9	14.1	0.7	11.7	0.9	0.8	1,039	18.3	1,880	10.1	—	—	—	—	—	1,140	37
Northglenn-Thornton	CO	20,692	25,604	75.2	24.8	1.9	18.4	3.3	1.2	1,291	19.8	2,414	10.6	—	—	—	—	—	1,237	40
Poudre	CO	17,965	21,922	84.8	15.2	1.2	10.4	2.6	1.0	1,101	19.9	2,080	10.5	—	—	—	—	—	1,139	44
Pueblo City	CO	18,403	18,100	44.6	55.4	2.2	50.9	0.7	1.6	931	19.4	1,719	10.5	—	—	—	—	—	994	38
St. Vrain Valley	CO	14,929	17,459	79.3	20.7	0.4	17.5	1.8	1.0	885	19.7	1,673	10.4	—	—	—	—	—	879	33
Bridgeport	CT	19,332	21,884	11.3	88.7	42.1	42.9	3.6	0.1	1,391	15.7	2,533	8.6	7.0	8.3	5.6	6.7	7.0	600	36
Hartford	CT	24,682	23,429	4.6	95.4	42.1	50.7	2.6	0.1	1,712	13.7	2,911	8.0	23.8	33.8	18.0	16.6	15.6	787	36
New Haven	CT	17,689	18,951	12.5	87.5	58.7	26.8	2.0	0.0	1,234	15.4	2,473	7.7	14.9	15.6	18.3	13.2	11.1	643	45
Christina	DE	16,784	20,182	60.7	39.3	32.8	3.8	2.6	0.1	1,171	17.2	2,233	9.0	6.1	6.5	7.0	5.4	4.6	876	30
Red Clay Consolidated	DE	14,372	15,517	54.8	45.2	30.6	11.8	2.7	0.1	884	17.6	1,598	9.7	6.0	5.1	7.8	6.7	4.0	631	26
District of Columbia	DC	81,301	78,648	3.9	96.1	87.3	7.2	1.4	0.1	5,288	14.9	9,318	8.4	—	—	—	—	—	2,696	184
Alachua County	FL	25,495	29,648	57.1	42.9	37.2	3.3	2.2	0.2	1,630	18.2	3,885	7.6	—	—	—	—	—	1,250	44
Bay County	FL	21,002	25,665	81.0	19.0	15.2	1.4	2.1	0.3	1,447	17.7	3,012	8.5	—	—	—	—	—	1,085	34
Brevard County	FL	53,619	66,663	79.8	20.2	14.6	3.7	1.8	0.2	3,711	18.0	7,062	9.4	—	—	—	—	—	2,957	85
Broward County	FL	148,739	218,608	47.4	52.6	35.3	14.4	2.6	0.3	10,341	21.1	20,338	10.7	—	—	—	—	—	8,623	193
Charlotte County	FL	11,831	16,088	87.0	13.0	8.5	3.1	1.2	0.2	826	19.5	1,868	8.6	—	—	—	—	—	810	24
Clay County	FL	20,847	25,940	86.2	13.8	9.0	2.6	2.0	0.2	1,360	19.1	2,588	10.0	—	—	—	—	—	1,183	29
Collier County	FL	19,576	28,177	62.7	37.3	11.2	25.1	0.5	0.5	1,569	18.0	3,416	8.2	—	—	—	—	—	965	41
Dade County	FL	279,420	341,117	13.5	86.5	33.6	51.5	1.3	0.1	17,241	19.8	33,013	10.3	—	—	—	—	—	14,290	322
Duval County	FL	106,961	126,118	53.7	46.3	40.7	2.8	2.6	0.1	6,276	20.1	11,576	10.9	—	—	—	—	—	4,436	155
Escambia County	FL	41,967	45,744	60.4	39.6	35.1	1.2	2.7	0.6	2,470	18.5	5,147	8.9	—	—	—	—	—	2,127	81
Hernando County	FL	11,978	15,859	86.5	13.5	7.7	4.9	0.8	0.1	816	19.4	1,946	8.1	—	—	—	—	—	734	19
Hillsborough County	FL	119,810	147,826	56.0	44.0	24.1	17.6	2.0	0.3	8,735	16.9	17,652	8.4	—	—	—	—	—	5,874	164
Lake County	FL	20,095	26,131	75.3	24.7	17.8	5.8	0.8	0.2	1,366	19.1	2,914	9.0	—	—	—	—	—	1,078	42
Lee County	FL	40,569	52,317	71.1	28.9	15.9	11.7	1.1	0.2	2,883	18.1	5,760	9.1	—	—	—	—	—	2,316	72
Leon County	FL	26,211	31,560	58.2	41.8	38.6	1.6	1.5	0.1	1,810	17.4	4,219	7.5	—	—	—	—	—	1,370	47
Manatee County	FL	25,384	32,794	69.6	30.4	18.1	11.4	0.8	0.1	1,783	18.4	3,957	8.3	—	—	—	—	—	1,098	61
Marion County	FL	27,702	36,242	71.5	28.5	22.1	5.5	0.7	0.2	2,052	17.7	4,456	8.1	—	—	—	—	—	1,493	49
Ocala County	FL	25,524	30,067	80.6	19.4	12.8	3.0	3.2	0.4	1,602	18.8	3,306	9.1	—	—	—	—	—	1,576	37
Orange County	FL	96,244	129,143	50.7	49.3	28.5	17.2	3.4	0.3	7,053	18.3	15,397	8.4	—	—	—	—	—	6,067	160
Osceola County	FL	17,769	27,376	58.9	41.1	9.5	28.6	2.8	0.2	1,334	20.5	3,083	8.9	—	—	—	—	—	1,175	32
Palm Beach County	FL	98,705	137,585	53.8	46.2	29.6	14.3	2.0	0.4	7,258	19.0	14,873	9.3	—	—	—	—	—	5,703	135
Pasco County	FL	32,164	43,461	88.9	11.1	4.0	5.8	1.1	0.2	2,447	17.8	5,506	7.9	—	—	—	—	—	1,709	47
Pinellas County	FL	90,133	107,060	75.1	24.9	19.0	3.1	2.7	0.2	6,183	17.3	12,910	8.3	—	—	—	—	—	4,471	146
Polk County	FL	63,503	74,808	67.1	32.9	23.4	8.4	0.9	0.2	4,186	17.9	8,883	8.4	—	—	—	—	—	2,840	124
Santa Rosa County	FL	15,181	20,668	91.4	8.6	5.4	1.2	1.5	0.5	1,123	18.4	2,090	9.9	—	—	—	—	—	888	30
Sarasota County	FL	27,541	31,950	83.3	16.7	10.8	4.5	1.2	0.1	1,825	17.5	4,008	8.0	—	—	—	—	—	1,397	39
Seminole County	FL	46,505	55,972	71.8	28.2	14.6	10.6	2.8	0.2	2,829	19.8	5,381	10.4	—	—	—	—	—	2,585	58
Saint Johns County	FL	11,473	16,374	85.6	14.4	11.7	1.8	0.8	0.2	1,012	16.2	1,942	8.4	—	—	—	—	—	662	26
Saint Lucie County	FL	20,653	27,672	60.0	40.0	31.0	7.8	1.0	0.2	1,858	14.9	4,021	6.9	—	—	—	—	—	1,026	35
Volusia County	FL	45,697	58,004	75.6	24.4	16.3	6.9	1.0	0.2	3,370	17.2	7,295	8.0	—	—	—	—	—	2,577	79
Atlanta City	GA	61,364	60,064	6.6	93.4	90.1	1.9	1.3	0.0	3,605	16.7	4,187	14.3	10.1	13.8	8.9	7.6	6.0	2,054	99
Bibb County	GA	24,033	24,840	31.7	68.3	67.1	0.5	0.4	0.2	1,469	16.9	1,712	14.5	12.6	4.8	25.9	11.7	12.9	912	41
Chatham County	GA	33,399	36,382	34.7	65.3	62.4	1.2	1.5	0.2	2,224	16.4	2,450	14.9	8.2	10.1	7.9	7.0	5.2	1,511	43
Cherokee County	GA	15,354	22,189	94.9	5.1	2.3	2.0	0.6	0.1	1,287	17.2	1,463	15.2	6.3	0.9	2.6	6.1	20.0	939	30

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, ¹ fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Clayton County	GA	33,670	41,658	41.8	58.2	50.3	3.2	4.5	0.1	2,378	17.5	2,710	15.4	11.1	11.5	11.3	11.0	9.7	1,665	44
Cobb County	GA	66,971	85,765	75.7	24.3	18.1	3.2	2.9	0.2	4,775	18.0	5,765	14.9	4.1	2.9	5.5	5.8	1.9	4,455	89
Columbia County	GA	13,328	17,923	82.4	17.6	12.4	1.6	3.5	0.1	981	18.3	1,100	16.3	2.7	3.2	2.4	2.2	2.7	924	23
De Kalb County	GA	72,824	90,311	17.2	82.8	74.5	4.1	4.0	0.1	5,390	16.8	6,242	14.5	8.7	9.4	7.9	9.0	8.2	4,057	112
Dougherty	GA	18,882	17,802	22.6	77.4	76.7	0.4	0.3	0.1	1,025	17.4	1,163	15.3	15.8	18.4	15.9	11.3	14.8	834	25
Douglas County	GA	13,679	16,012	82.0	18.0	16.0	1.0	0.6	0.5	968	16.5	1,109	14.4	3.2	2.7	4.2	3.7	2.3	874	21
Fayette County	GA	12,390	17,502	85.8	14.2	10.5	1.3	2.2	0.1	1,045	16.7	1,280	13.7	4.7	4.7	5.0	4.7	4.2	1,027	21
Fulton County	GA	40,325	59,953	51.2	48.8	41.6	3.6	3.6	0.1	2,689	22.3	4,107	14.6	5.0	1.2	2.8	5.4	11.5	2,410	60
Gwinnett County	GA	62,241	88,855	78.2	21.8	10.3	4.7	6.7	0.1	5,140	17.3	5,727	15.5	5.2	5.2	5.7	5.1	4.4	4,042	74
Hall County	GA	13,350	17,571	82.3	17.7	5.7	10.9	0.9	0.2	1,032	17.0	1,204	14.6	11.6	3.4	18.0	12.2	19.1	714	25
Henry County	GA	10,345	17,227	84.2	15.8	13.4	1.3	1.0	0.0	886	19.4	1,097	15.7	8.9	2.7	9.6	11.0	17.0	643	23
Houston County	GA	15,574	19,956	66.1	33.9	31.3	1.1	1.4	0.2	1,162	17.2	1,461	13.7	7.7	10.1	8.0	7.0	3.8	1,057	29
Muscogee County	GA	29,541	33,606	38.1	61.9	57.6	3.0	1.1	0.2	1,946	17.3	2,210	15.2	8.6	8.8	8.8	8.8	7.8	1,548	50
Richmond County	GA	32,386	36,826	32.2	67.8	64.9	1.9	1.0	0.1	2,111	17.4	2,330	15.8	10.1	11.9	8.9	9.3	9.2	1,597	57
Hawaii Department of Education	HI	169,507	187,653	24.0	76.0	2.9	8.8	63.9	0.4	10,576	17.7	16,867	11.1	4.7	3.9	4.4	5.3	5.6	9,992	249
Boise City Independent	ID	22,634	26,898	—	—	—	—	—	—	1,444	18.6	2,471	10.9	—	—	—	—	—	1,556	46
Meridian Junction	ID	14,228	19,624	—	—	—	—	—	—	968	20.3	1,676	11.7	—	—	—	—	—	994	25
City of Chicago	IL	408,201	469,098	10.5	89.5	54.1	32.1	3.2	0.2	23,433	20.0	27,827	16.9	—	—	—	—	—	14,889	567
Community Unit 300	IL	10,818	16,505	79.6	20.4	3.7	15.0	1.2	0.4	787	21.0	913	18.1	—	—	—	—	—	702	20
Indian Prairie 20	IL	6,875	17,091	84.1	15.9	6.1	3.0	5.7	1.0	840	20.3	976	17.5	—	—	—	—	—	537	20
Naperville Community Unit																				
District 203	IL	15,720	19,844	86.7	13.3	2.6	1.4	9.1	0.2	950	20.9	1,134	17.5	—	—	—	—	—	1,176	21
Peoria	IL	17,095	19,684	44.8	55.2	51.5	2.0	1.7	0.1	990	19.9	1,138	17.3	—	—	—	—	—	869	45
Rockford	IL	26,757	31,995	60.5	39.5	27.1	9.2	3.0	0.2	1,662	19.3	2,029	15.8	—	—	—	—	—	1,179	51
Schaumburg	IL	15,460	17,954	74.4	25.6	6.5	6.4	12.5	0.1	940	19.1	1,102	16.3	—	—	—	—	—	—	28
School District 46	IL	26,767	35,501	60.5	39.5	8.2	25.1	6.1	0.1	1,659	21.4	1,932	18.4	—	—	—	—	—	1,428	51
Springfield	IL	15,567	18,898	66.8	33.2	30.5	0.8	1.5	0.2	954	19.8	1,148	16.5	—	—	—	—	—	811	35
Waukegan	IL	11,528	15,275	19.6	80.4	27.8	49.7	2.8	0.1	725	21.1	857	17.8	—	—	—	—	—	463	23
Evansville-Vanderburgh School Corporation	IN	22,832	23,763	84.3	15.7	14.4	0.5	0.6	0.2	1,438	16.5	2,858	8.3	4.1	1.3	4.2	6.5	4.6	1,352	40
Fort Wayne Community	IN	31,843	31,727	69.2	30.8	24.8	3.9	1.7	0.3	1,749	18.1	3,490	9.1	3.6	3.7	3.6	3.0	3.9	1,668	53
Gary Community School Corporation	IN	26,506	21,679	1.0	99.0	96.6	2.3	0.1	0.1	1,160	18.7	2,740	7.9	4.3	4.6	4.0	4.2	4.3	1,150	39
Indianapolis	IN	48,805	44,434	39.4	60.6	58.0	1.8	0.6	0.2	2,831	15.7	5,588	8.0	7.4	8.5	7.4	7.7	3.5	1,257	96
South Bend Community School Corporation	IN	21,539	20,966	57.7	42.3	33.2	7.1	1.5	0.5	1,245	16.8	2,812	7.5	4.5	2.1	4.2	8.1	3.8	1,119	36
Vigo County School Corporation	IN	16,983	16,913	91.0	9.0	6.9	0.7	1.4	0.1	982	17.2	2,032	8.3	4.9	3.0	5.9	5.9	5.1	1,045	30
Cedar Rapids	IA	17,014	17,949	88.4	11.6	7.4	1.6	2.2	0.4	1,013	17.7	1,982	9.1	2.6	0.9	2.0	4.2	3.6	880	33
Davenport	IA	17,693	17,627	73.9	26.1	16.6	5.7	2.5	1.3	1,157	15.2	2,002	8.8	4.9	2.1	4.5	7.4	6.0	926	36
Des Moines Independent	IA	29,760	31,484	74.4	25.6	14.5	5.2	5.2	0.7	2,015	15.6	3,842	8.2	3.8	4.1	3.8	4.0	3.2	1,623	65
Kansas City	KS	22,374	21,456	30.7	69.3	54.0	12.2	2.9	0.3	1,417	15.1	2,876	7.5	10.2	14.6	9.7	7.7	5.7	992	47
Olathe	KS	13,971	18,385	90.2	9.8	4.5	2.3	2.5	0.5	1,270	14.5	2,222	8.3	2.7	0.1	2.8	3.9	4.6	965	34
Shawnee Mission	KS	29,845	31,633	90.5	9.5	3.5	3.1	2.5	0.3	1,959	16.1	3,541	8.9	3.4	1.5	4.0	3.9	4.5	1,945	57
Wichita	KS	45,835	46,391	58.9	41.1	22.7	11.3	5.0	2.0	2,684	17.3	5,103	9.1	9.5	7.7	9.8	9.4	11.8	2,012	96
Fayette County	KY	31,191	32,830	73.3	26.7	23.4	1.0	2.2	0.1	2,124	15.5	2,337	14.0	—	—	—	—	—	1,545	63
Jefferson County	KY	91,353	91,878	66.3	33.7	31.7	0.6	1.1	0.2	5,469	16.8	6,060	15.2	—	—	—	—	—	5,017	153
Bossier Parish School Board	LA	17,814	19,063	67.5	32.5	29.1	1.8	1.3	0.3	1,047	18.2	2,066	9.2	6.6	7.4	6.7	6.7	5.1	825	30
Caddo Parish School Board	LA	52,309	49,577	38.0	62.0	60.9	0.5	0.5	0.1	2,922	17.0	6,248	7.9	10.2	12.4	8.8	9.7	7.9	2,275	74
Calcasieu Parish School Board ..	LA	32,726	35,782	67.7	32.3	31.2	0.4	0.5	0.1	2,144	16.7	4,362	8.2	6.9	7.0	8.0	5.9	6.3	1,741	60
East Baton Rouge Parish School Board	LA	60,279	61,499	34.7	65.3	62.7	0.5	2.2	0.0	3,622	17.0	6,894	8.9	14.0	15.6	13.9	11.3	14.3	2,800	102
Iberia Parish School Board	LA	15,279	16,340	56.4	43.6	39.8	0.5	3.2	0.1	982	16.6	1,914	8.5	11.1	10.3	11.0	8.0	16.9	601	33
Jefferson Parish School Board ...	LA	57,663	55,876	46.0	54.0	42.9	6.5	4.1	0.5	3,438	16.3	7,060	7.9	18.9	21.4	18.1	16.6	18.6	2,393	83

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Lafayette Parish School Board ...	LA	28,392	31,287	63.8	36.2	34.2	0.7	1.1	0.1	1,855	16.9	3,401	9.2	8.7	12.2	8.1	7.5	5.0	1,407	41
Lafourche Parish School Board ..	LA	16,494	17,100	73.5	26.5	21.2	0.6	1.2	3.4	1,148	14.9	2,043	8.4	6.9	6.4	8.0	6.4	6.7	802	28
Livingston Parish School Board ..	LA	16,359	18,496	93.2	6.8	6.2	0.3	0.2	0.1	1,031	17.9	1,900	9.7	11.9	14.1	10.9	12.4	8.8	842	34
Orleans Parish School Board	LA	84,428	85,064	5.5	94.5	90.7	1.3	2.5	0.0	4,579	18.6	8,602	9.9	14.4	15.3	13.9	12.4	16.2	3,340	122
Ouachita Parish School Board	LA	17,523	18,289	75.2	24.8	23.8	0.4	0.6	0.0	1,104	16.6	2,148	8.5	18.4	11.7	20.7	20.6	24.7	1,641	31
Rapides Parish School Board	LA	24,404	25,404	56.3	43.7	41.0	0.4	1.0	1.3	1,609	15.8	3,169	8.0	9.1	9.3	10.9	9.3	6.7	1,400	55
Saint Landry Parish School Board	LA	17,379	18,552	45.0	55.0	54.5	0.2	0.1	0.1	1,086	17.1	2,219	8.4	6.7	9.3	7.5	5.3	3.3	787	37
Saint Tammany Parish School Board	LA	28,055	33,100	83.7	16.3	14.7	0.8	0.7	0.1	2,102	15.7	4,075	8.1	9.4	11.1	8.8	8.4	8.7	1,642	49
Tangipahoa Parish School Board	LA	17,266	19,431	54.4	45.6	44.4	0.6	0.4	0.0	1,020	19.1	2,077	9.4	21.6	17.9	26.3	21.0	23.0	863	37
Terrebonne Parish School Board	LA	21,331	22,179	64.2	35.8	26.2	0.6	1.1	7.9	1,233	18.0	2,282	9.7	11.7	13.4	12.4	11.2	8.3	911	43
Anne Arundel County Public Schools	MD	64,104	72,322	77.9	22.1	18.1	1.6	2.2	0.2	4,064	17.8	7,094	10.2	—	—	—	—	—	3,569	111
Baltimore City Public School System	MD	107,782	108,759	13.4	86.6	85.1	0.4	0.6	0.5	6,259	17.4	10,020	10.9	—	—	—	—	—	3,827	179
Baltimore County	MD	84,133	104,073	68.7	31.3	26.5	1.2	3.4	0.2	6,442	16.2	11,531	9.0	—	—	—	—	—	5,510	160
Carroll County	MD	21,244	26,231	96.0	4.0	2.3	0.7	0.9	0.2	1,408	18.6	2,428	10.8	—	—	—	—	—	1,421	33
Board of Education, Charles County	MD	18,299	21,159	68.8	31.2	26.9	1.3	1.9	1.1	1,161	18.2	1,939	10.9	—	—	—	—	—	1,235	32
Frederick County Board of Education	MD	26,173	33,749	88.7	11.3	7.9	1.7	1.6	0.2	2,008	16.8	3,472	9.7	—	—	—	—	—	1,968	50
Harford County	MD	30,217	37,709	83.3	16.7	12.7	1.7	1.8	0.5	2,244	16.8	3,896	9.7	—	—	—	—	—	1,813	52
Howard County Public Schools System	MD	28,874	38,857	73.9	26.1	16.3	1.8	7.9	0.1	2,457	15.8	4,352	8.9	—	—	—	—	—	2,304	59
Montgomery County	MD	100,261	122,505	54.7	45.3	19.8	12.5	12.6	0.4	7,208	17.0	13,765	8.9	—	—	—	—	—	6,765	182
Prince George's County Public Schools	MD	106,974	125,198	16.7	83.3	73.4	5.7	3.8	0.4	6,996	17.9	13,472	9.3	—	—	—	—	—	6,751	179
Board of Education, Washington County	MD	17,424	19,896	91.9	8.1	5.9	1.1	1.1	0.1	1,219	16.3	2,034	9.8	—	—	—	—	—	1,128	44
Boston	MA	59,597	63,239	16.9	83.1	48.4	25.2	9.2	0.4	4,076	15.5	8,444	7.5	7.2	7.1	7.6	8.1	5.7	3,001	124
Brockton	MA	14,738	15,461	48.6	51.4	35.3	12.4	3.3	0.5	961	16.1	1,800	8.6	7.3	5.2	11.5	7.2	3.3	549	24
Lowell	MA	13,414	15,759	45.2	54.8	3.4	21.8	29.5	0.1	1,087	14.5	1,788	8.8	2.6	1.9	4.2	1.8	1.7	454	29
Springfield	MA	23,614	24,422	28.1	71.9	30.3	39.5	2.0	0.1	2,038	12.0	3,786	6.5	2.9	3.4	3.4	2.1	1.6	805	46
Worcester	MA	21,081	23,728	57.1	42.9	9.4	26.0	6.9	0.6	1,891	12.5	3,308	7.2	7.4	5.2	8.3	8.6	7.8	808	49
Ann Arbor	MI	13,640	15,587	70.9	29.1	17.6	2.2	8.9	0.4	809	19.3	1,740	9.0	—	—	—	—	—	832	32
Dearborn City	MI	12,950	15,593	95.5	4.5	1.3	2.1	0.9	0.3	918	17.0	1,726	9.0	—	—	—	—	—	832	29
Detroit City	MI	175,329	182,316	5.2	94.8	90.7	2.8	1.0	0.2	8,808	20.7	22,077	8.3	—	—	—	—	—	6,056	279
Flint City	MI	28,701	26,335	25.0	75.0	69.9	2.3	0.3	2.6	1,404	18.8	2,967	8.9	—	—	—	—	—	914	48
Grand Rapids City	MI	26,063	28,282	40.8	59.2	41.7	14.2	2.0	1.3	1,392	20.3	3,267	8.7	—	—	—	—	—	781	100
Lansing Public	MI	21,407	19,413	47.0	53.0	34.0	12.6	5.2	1.2	1,066	18.2	2,440	8.0	—	—	—	—	—	691	45
Livonia	MI	16,115	18,100	95.7	4.3	1.6	0.8	1.5	0.3	906	20.0	1,935	9.4	—	—	—	—	—	1,171	36
Plymouth-Canton Community Schools	MI	14,934	15,800	91.2	8.8	2.6	1.0	4.7	0.5	739	21.4	1,606	9.8	—	—	—	—	—	935	22
Utica Community	MI	24,486	25,635	96.2	3.8	1.0	0.5	2.2	0.2	1,182	21.7	2,416	10.6	—	—	—	—	—	1,599	41
Wayne-Westland Community	MI	16,600	15,151	84.7	15.3	11.9	1.5	0.9	1.0	693	21.9	1,394	10.9	—	—	—	—	—	674	26
Anoka-Hennepin	MN	33,562	39,874	93.4	6.6	2.0	1.1	2.4	1.2	2,201	18.1	3,833	10.4	5.4	1.1	4.8	8.0	8.3	2,075	50
Minneapolis	MN	36,385	47,978	35.0	65.0	41.2	5.0	12.6	6.3	3,080	15.6	5,515	8.7	18.2	18.0	17.1	18.1	19.9	1,617	144
Osseo	MN	18,966	21,664	82.2	17.8	10.1	1.4	5.6	0.6	1,197	18.1	2,009	10.8	5.9	0.6	5.6	8.8	9.4	1,213	31
Rochester	MN	13,258	15,544	85.2	14.8	4.3	2.2	8.2	0.3	848	18.3	1,547	10.0	4.6	1.6	5.3	7.1	4.3	898	29
Rosemount-Apple Valley-Eagan	MN	17,185	26,566	90.4	9.6	3.3	1.3	4.5	0.5	1,559	17.0	3,102	8.6	3.0	0.6	2.5	3.9	5.7	1,334	36
St. Paul	MN	31,852	43,766	42.9	57.1	21.5	7.2	26.7	1.7	2,203	19.9	3,471	12.6	12.5	5.2	11.5	16.2	18.6	1,596	139
Desoto County	MS	13,099	16,625	81.3	18.7	16.5	1.4	0.3	0.3	853	19.5	1,699	9.8	4.3	4.7	4.1	3.0	5.0	686	21
Jackson Public	MS	33,330	32,636	11.1	88.9	88.3	0.2	0.4	0.1	1,808	18.0	4,215	7.7	8.6	11.2	8.1	7.2	5.1	1,330	58
Columbia	MO	12,539	15,605	77.9	22.1	16.6	1.2	3.9	0.4	1,052	14.8	1,356	11.5	9.2	2.1	15.1	9.6	8.6	771	30

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Francis Howell	MO	12,836	18,106	93.8	6.2	5.0	0.4	0.6	0.2	1,097	16.5	1,390	13.0	6.0	5.8	7.1	6.4	4.4	965	15
Hazelwood	MO	17,175	18,511	60.7	39.3	37.4	0.7	1.1	0.1	1,034	17.9	1,281	14.5	4.3	3.4	5.0	4.6	4.1	1,122	25
Kansas City	MO	34,640	38,521	20.1	79.9	71.5	6.0	2.0	0.3	2,645	14.6	3,488	11.0	11.2	12.3	12.7	11.0	6.6	1,132	83
North Kansas City	MO	15,617	16,941	92.1	7.9	3.5	2.5	1.6	0.4	1,072	15.8	1,305	13.0	7.5	5.5	5.2	9.8	10.0	920	29
Parkway	MO	22,379	21,483	74.7	25.3	18.1	0.9	6.1	0.1	1,248	17.2	1,592	13.5	2.1	1.7	2.4	2.7	1.5	1,530	26
Rockwood	MO	14,657	19,871	83.3	16.7	14.3	0.5	1.8	0.1	1,109	17.9	1,403	14.2	3.7	2.9	4.0	4.7	3.6	1,131	28
Springfield	MO	23,248	25,207	92.0	8.0	4.1	1.6	1.7	0.6	1,483	17.0	2,057	12.3	8.1	5.1	8.4	10.3	9.1	1,434	57
St. Louis City	MO	44,056	44,620	18.0	82.0	79.7	0.7	1.6	0.1	3,205	13.9	4,471	10.0	22.4	27.0	24.1	17.5	11.5	1,084	111
Lincoln	NE	27,356	30,691	87.7	12.3	5.2	2.6	3.3	1.2	2,124	14.5	4,223	7.3	7.0	1.2	4.6	10.1	13.1	1,699	53
Millard	NE	16,244	18,647	95.7	4.3	1.1	1.3	1.7	0.3	1,090	17.1	1,962	9.5	2.1	0.4	1.1	2.3	4.9	1,114	29
Omaha	NE	41,251	44,761	59.6	40.4	29.8	7.7	1.3	1.5	2,853	15.7	5,512	8.1	10.9	8.8	15.4	11.1	6.5	2,131	82
Clark County	NV	111,460	179,106	58.4	41.6	13.8	21.4	5.5	0.9	8,875	20.2	14,752	12.1	11.1	4.2	6.8	12.7	24.6	7,063	211
Washoe County	NV	36,662	49,671	72.7	27.3	3.5	16.4	4.8	2.6	2,842	17.5	4,962	10.0	8.2	2.4	5.2	10.6	17.8	2,032	83
Manchester	NH	13,912	16,265	91.1	8.9	2.4	4.0	1.9	0.5	851	19.1	1,367	11.9	—	—	—	—	—	1,304	23
Camden City	NJ	18,999	19,841	3.1	96.9	57.8	36.7	2.3	0.1	1,512	13.1	3,584	5.5	—	—	—	—	—	688	33
Elizabeth City	NJ	17,056	16,666	16.6	83.4	28.7	51.9	2.7	0.1	2,472	13.7	2,472	6.9	—	—	—	—	—	725	25
Jersey City	NJ	27,788	31,666	9.2	90.8	42.3	37.3	10.5	0.6	2,133	14.8	4,169	7.6	—	—	—	—	—	1,047	37
Newark City	NJ	48,573	45,805	8.6	91.4	63.4	27.2	0.8	0.0	3,538	12.9	7,689	6.0	—	—	—	—	—	1,413	80
Paterson City	NJ	21,671	23,408	6.6	93.4	41.3	50.1	2.0	0.0	1,666	14.1	3,239	7.2	—	—	—	—	—	632	35
Toms River Regional	NJ	16,055	16,854	94.1	5.9	2.1	2.2	1.5	0.1	1,058	15.9	2,007	8.4	—	—	—	—	—	1,069	16
Albuquerque	NM	86,370	89,092	44.2	55.8	3.6	46.2	1.8	4.1	5,631	15.8	10,545	8.4	—	—	—	—	—	4,358	124
Las Cruces	NM	18,688	22,523	34.3	65.7	2.3	60.6	1.1	1.7	1,396	16.1	2,675	8.4	—	—	—	—	—	1,049	34
Buffalo City	NY	46,689	47,845	33.1	66.9	54.0	10.4	1.3	1.2	3,200	14.9	5,831	8.2	6.4	4.6	7.5	8.0	6.0	1,905	73
New York City	NY	930,440	1,063,561	16.1	83.9	36.1	37.3	10.0	0.5	57,338	18.5	110,709	9.6	5.7	2.9	6.2	11.1	2.5	38,075	1,120
Rochester City	NY	31,930	37,912	19.6	80.4	60.2	17.7	2.2	0.3	2,584	14.7	4,337	8.7	7.1	5.5	8.7	10.3	4.2	935	58
Syracuse City	NY	21,811	23,760	49.6	50.4	42.7	4.9	1.7	1.2	1,682	14.1	3,917	6.1	5.4	4.1	7.1	7.3	3.4	806	36
Yonkers City	NY	17,992	23,655	24.2	75.8	30.1	41.2	4.5	0.1	1,471	16.1	2,823	8.4	3.7	3.3	3.4	5.2	3.5	811	36
Alamance-Burlington	NC	10,330	18,943	68.4	31.6	26.7	3.7	1.0	0.2	1,135	16.7	2,157	8.8	—	—	—	—	—	895	31
Buncombe County	NC	21,821	24,547	91.7	8.3	5.8	1.2	0.8	0.5	1,429	17.2	2,801	8.8	—	—	—	—	—	1,232	36
Cabarrus County	NC	12,463	16,497	83.5	16.5	13.5	2.2	0.6	0.3	1,005	16.4	1,811	9.1	—	—	—	—	—	777	20
Charlotte-Mecklenburg	NC	75,903	93,533	52.2	47.8	41.2	2.4	3.7	0.5	5,523	16.9	10,602	8.8	—	—	—	—	—	4,156	130
Cumberland County	NC	44,327	51,035	46.1	53.9	45.8	4.8	1.6	1.6	2,918	17.5	5,578	9.1	—	—	—	—	—	2,481	72
Davidson County	NC	16,155	18,099	96.6	3.4	2.2	0.4	0.5	0.3	1,025	17.7	1,927	9.4	—	—	—	—	—	925	26
Durham	NC	18,046	29,050	37.9	62.1	57.4	2.4	2.0	0.3	1,972	14.7	4,056	7.2	—	—	—	—	—	1,334	44
Forsyth County	NC	37,842	41,851	57.7	42.3	38.0	3.0	1.0	0.2	2,674	15.7	4,545	9.2	—	—	—	—	—	2,058	58
Gaston County	NC	30,064	29,708	78.2	21.8	19.6	0.7	1.4	0.2	1,823	16.3	3,157	9.4	—	—	—	—	—	1,394	53
Guilford County	NC	23,981	58,736	55.8	44.2	39.0	1.5	3.0	0.7	3,656	16.1	7,025	8.4	—	—	—	—	—	2,887	95
Johnston County	NC	14,547	17,504	72.1	27.9	22.5	4.8	0.3	0.3	1,139	15.4	2,144	8.2	—	—	—	—	—	828	27
Nash-Rocky Mount	NC	11,680	17,932	41.8	58.2	54.5	2.6	0.9	0.3	1,113	16.1	2,171	8.3	—	—	—	—	—	863	27
New Hanover County	NC	18,919	21,603	68.2	31.8	29.7	0.8	0.9	0.4	1,295	16.7	2,681	8.1	—	—	—	—	—	1,144	30
Onslow County	NC	17,996	20,880	67.6	32.4	25.9	3.7	2.1	0.8	1,176	17.8	2,260	9.2	—	—	—	—	—	935	29
Pitt County	NC	17,303	19,613	47.7	52.3	50.0	1.3	0.9	0.1	1,238	15.8	2,274	8.6	—	—	—	—	—	927	30
Randolph County	NC	13,546	15,751	91.7	8.3	5.1	2.4	0.4	0.4	917	17.2	1,913	8.2	—	—	—	—	—	704	23
Robeson County	NC	23,658	23,762	23.3	76.7	30.9	1.2	0.3	44.4	1,503	15.8	2,936	8.1	—	—	—	—	—	1,068	41
Rowan-Salisbury	NC	16,313	19,349	74.2	25.8	22.7	1.8	1.1	0.3	1,211	16.0	2,306	8.4	—	—	—	—	—	939	28
Union County	NC	12,623	19,177	76.7	23.3	20.3	2.1	0.5	0.3	1,143	16.8	2,177	8.8	—	—	—	—	—	838	30
Wake County	NC	62,474	85,735	67.9	32.1	26.6	2.2	3.1	0.2	5,166	16.6	9,326	9.2	—	—	—	—	—	3,870	102
Wayne County	NC	13,407	19,279	52.0	48.0	44.1	2.9	0.9	0.1	1,124	17.2	2,239	8.6	—	—	—	—	—	971	27
Akron City	OH	33,230	31,992	51.5	48.5	45.9	0.5	2.0	0.1	2,308	13.9	5,023	6.4	—	—	—	—	—	1,466	62
Cincinnati City	OH	50,842	50,396	30.1	69.9	68.6	0.3	0.8	0.1	2,878	17.5	4,948	10.2	—	—	—	—	—	1,246	82
Cleveland City	OH	69,799	74,026	20.6	79.4	70.4	7.7	1.0	0.3	4,196	17.6	7,634	9.7	—	—	—	—	—	1,665	122
Columbus City	OH	63,749	63,894	42.1	57.9	54.4	0.9	2.4	0.2	3,830	16.7	7,286	8.8	6.6	4.8	6.1	6.0	11.6	2,444	146
Dayton City	OH	27,662	26,762	31.1	68.9	67.8	0.5	0.5	0.1	1,699	15.8	3,154	8.5	—	—	—	—	—	795	50

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of class-room teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
South-Western City	OH	16,441	19,000	90.9	9.1	7.0	0.7	1.3	0.1	1,072	17.7	1,891	10.0	—	—	—	—	—	1,005	29
Toledo City	OH	40,617	39,712	49.3	50.7	43.7	6.2	0.8	0.1	2,534	15.7	4,613	8.6	—	—	—	—	—	1,735	66
Edmond	OK	12,519	16,182	87.4	12.6	5.2	1.9	2.2	3.3	917	17.7	1,628	9.9	—	—	—	—	—	824	21
Lawton	OK	17,898	18,501	54.2	45.8	29.9	8.0	2.6	5.3	1,046	17.7	2,389	7.7	—	—	—	—	—	954	42
Midwest/Del City	OK	15,744	15,675	67.0	33.0	22.0	2.9	2.2	5.8	882	17.8	1,652	9.5	—	—	—	—	—	1,005	26
Moore	OK	16,320	18,243	77.2	22.8	3.9	3.8	3.4	11.7	1,114	16.4	2,073	8.8	—	—	—	—	—	1,131	27
Oklahoma City	OK	38,092	39,827	36.3	63.7	39.7	16.0	2.8	5.3	2,238	17.8	5,149	7.7	—	—	—	—	—	1,128	86
Putnam City	OK	17,716	19,079	76.4	23.6	12.4	4.3	3.6	3.3	1,097	17.4	1,791	10.7	—	—	—	—	—	1,016	27
Tulsa	OK	41,644	51,248	51.2	48.8	34.3	5.1	1.3	8.2	2,461	16.9	5,400	7.7	—	—	—	—	—	1,702	80
Beaverton	OR	23,443	30,027	80.4	19.6	2.1	6.5	10.2	0.8	1,370	21.9	2,520	11.9	8.0	2.4	5.8	10.1	14.8	1,557	42
Eugene	OR	17,368	18,717	88.2	11.8	2.1	3.7	3.9	2.0	829	22.6	1,677	11.2	7.3	5.1	7.6	8.1	8.8	1,139	46
Hillsboro	OR	—	15,963	78.7	21.3	1.1	15.2	4.4	0.5	756	21.1	1,762	9.1	—	—	—	—	—	777	27
Portland	OR	51,825	56,856	68.6	31.4	15.2	5.5	8.4	2.3	2,910	19.5	5,429	10.5	10.3	8.2	8.4	10.3	15.5	2,795	101
Salem/Keizer	OR	26,930	32,491	82.7	17.3	1.3	12.0	2.6	1.4	1,430	22.7	2,854	11.4	9.0	4.9	7.3	8.4	16.7	1,635	53
Allentown City	PA	13,396	15,491	47.3	52.7	12.6	37.6	2.4	0.1	753	20.6	1,466	10.6	7.4	3.1	7.3	9.4	11.4	708	23
Philadelphia City	PA	189,451	212,150	19.8	80.2	63.8	11.6	4.7	0.2	11,144	19.0	23,216	9.1	11.7	10.7	12.7	12.9	11.2	9,009	259
Pittsburgh	PA	39,559	39,955	42.6	57.4	55.6	0.4	1.4	0.1	2,687	14.9	5,441	7.3	6.7	5.2	7.8	7.2	7.3	2,140	89
Providence	RI	20,429	24,535	24.1	75.9	23.1	41.2	11.0	0.6	1,482	16.6	2,340	10.5	6.7	6.7	8.6	5.3	5.1	829	45
Aiken County	SC	23,300	24,588	64.5	35.5	33.9	0.9	0.5	0.1	1,320	18.6	1,516	16.2	4.4	6.0	4.3	4.2	2.1	1,242	37
Berkeley County	SC	27,080	26,106	63.4	36.6	33.1	1.3	1.8	0.4	1,465	17.8	1,674	15.6	2.3	2.0	2.7	2.4	2.4	1,238	35
Charleston County	SC	42,893	43,457	39.2	60.8	58.6	1.0	1.0	0.1	2,798	15.5	3,139	13.8	1.9	1.6	2.9	1.5	1.3	1,692	72
Dorchester	SC	13,267	15,367	73.0	27.0	24.9	0.8	1.0	0.4	878	17.5	972	15.8	2.3	2.1	2.1	2.5	2.7	825	15
Greenville County	SC	50,876	55,893	71.1	28.9	26.5	1.2	1.1	0.1	3,456	16.2	3,902	14.3	1.2	1.2	1.3	1.6	0.8	2,860	92
Horry County	SC	23,713	26,114	69.8	30.2	28.5	0.7	0.8	0.3	1,729	15.1	1,950	13.4	2.7	2.9	2.8	2.6	2.1	1,281	38
Pickens County	SC	14,449	15,417	89.7	10.3	8.9	0.5	0.8	0.1	923	16.7	1,048	14.7	3.7	3.4	3.5	5.6	2.1	735	25
Richland #2	SC	12,362	15,313	21.5	78.5	76.8	1.0	0.7	0.1	987	15.5	1,096	14.0	2.1	1.7	2.1	1.9	2.8	867	17
Richland #1	SC	26,966	27,102	49.6	50.4	45.1	2.7	2.4	0.2	2,022	13.4	2,287	11.9	2.6	3.2	2.5	2.4	1.9	1,296	51
Sioux Falls	SD	15,455	18,175	90.6	9.4	3.2	1.2	2.0	3.0	1,089	16.7	1,954	9.3	—	—	—	—	—	922	37
Chattanooga City	TN	21,385	19,938	34.5	65.5	63.2	0.5	1.7	0.0	1,257	15.9	2,432	8.2	—	—	—	—	—	922	37
Hamilton County	TN	22,654	23,589	93.9	6.1	4.2	0.7	1.1	0.1	1,413	16.7	2,230	10.6	—	—	—	—	—	1,289	43
Knox County	TN	50,087	51,224	84.5	15.5	13.3	0.7	1.4	0.1	3,404	15.0	6,204	8.3	—	—	—	—	—	2,816	84
Memphis City	TN	105,604	111,156	14.4	85.6	82.5	0.6	1.3	1.2	6,351	17.5	11,367	9.8	—	—	—	—	—	4,598	164
Montgomery County	TN	16,066	22,280	69.0	31.0	25.1	3.6	2.0	0.3	1,283	17.4	2,343	9.5	—	—	—	—	—	990	26
Nashville-Davidson	TN	67,352	69,888	51.1	48.9	42.4	1.8	3.9	0.8	4,504	15.5	7,985	8.8	—	—	—	—	—	2,832	124
Rutherford County	TN	17,518	22,680	88.1	11.9	8.7	1.1	1.9	0.2	1,262	18.0	2,064	11.0	—	—	—	—	—	1,335	27
Shelby County	TN	36,180	46,454	76.0	24.0	20.6	1.2	1.9	0.3	2,490	18.7	4,493	10.3	—	—	—	—	—	2,450	44
Sumner County	TN	19,605	21,864	92.1	7.9	6.5	0.7	0.5	0.2	1,337	16.4	2,485	8.8	—	—	—	—	—	1,372	34
Williamson County	TN	11,144	16,471	93.3	6.7	4.4	0.9	1.3	0.1	947	17.4	1,674	9.8	—	—	—	—	—	1,039	25
Abilene ISD	TX	18,690	19,562	60.6	39.4	11.0	26.6	1.5	0.3	1,464	13.4	2,518	7.8	—	—	—	—	—	812	42
Aldine ISD	TX	39,133	47,242	17.5	82.5	36.0	42.7	3.7	0.1	3,048	15.5	5,741	8.2	—	—	—	—	—	1,627	49
Alief ISD	TX	28,408	38,383	17.9	82.1	34.2	29.1	18.8	0.1	2,344	16.4	4,148	9.3	—	—	—	—	—	1,251	34
Amarillo ISD	TX	26,983	29,566	58.4	41.6	9.9	28.5	2.9	0.3	1,865	15.9	3,216	9.2	—	—	—	—	—	1,350	50
Arlington ISD	TX	42,352	53,343	58.9	41.1	16.9	17.1	6.5	0.7	3,225	16.5	5,270	17.1	—	—	—	—	—	2,334	63
Austin ISD	TX	63,886	76,054	37.7	62.3	18.0	41.7	2.2	0.3	4,645	16.4	7,880	9.7	—	—	—	—	—	2,865	100
Beaumont ISD	TX	20,675	19,999	25.6	74.4	65.3	6.5	2.4	0.1	1,351	14.8	2,363	8.5	—	—	—	—	—	777	33
Birdville ISD	TX	18,019	20,398	80.6	19.4	2.9	11.4	4.9	0.2	1,245	16.4	2,113	9.7	—	—	—	—	—	944	34
Brownsville ISD	TX	36,538	40,494	3.1	96.9	0.1	96.6	0.2	0.0	2,687	15.1	5,439	7.4	—	—	—	—	—	1,674	41
Carrollton-Farmers Branch ISD ..	TX	15,833	21,283	53.9	46.1	8.5	25.2	11.9	0.5	1,350	15.8	2,156	9.9	—	—	—	—	—	943	33
Clear Creek ISD	TX	21,334	27,552	74.0	26.0	6.6	10.8	8.3	0.3	1,579	17.5	2,626	10.5	—	—	—	—	—	1,354	29
Conroe ISD	TX	22,234	29,599	78.7	21.3	5.7	13.9	1.5	0.2	2,003	14.8	3,600	8.2	—	—	—	—	—	1,576	39
Corpus Christi ISD	TX	41,277	41,606	25.1	74.9	6.0	67.7	0.9	0.4	2,465	16.9	4,471	9.3	—	—	—	—	—	1,814	63
Cypress-Fairbanks ISD	TX	38,920	52,930	65.8	34.2	8.9	17.8	7.3	0.2	3,185	16.6	5,613	9.4	—	—	—	—	—	2,426	49
Dallas ISD	TX	132,256	154,847	11.0	89.0	41.5	45.5	1.7	0.4	9,202	16.8	15,717	9.9	—	—	—	—	—	4,910	211

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, 1 fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9-12, 1995-96					Number of high school graduates, 1995-96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Ector County ISD	TX	26,366	28,709	43.7	56.3	4.9	50.4	0.7	0.4	1,724	16.7	3,080	9.3	—	—	—	—	—	1,158	44
Edinburg ISD	TX	15,089	19,153	4.1	95.9	0.1	95.5	0.2	0.1	1,203	15.9	2,477	7.7	—	—	—	—	—	807	27
El Paso ISD	TX	64,047	64,444	18.0	82.0	4.5	76.2	1.1	0.1	4,044	15.9	7,378	8.7	—	—	—	—	—	2,811	81
Fort Bend ISD	TX	33,647	46,881	43.2	56.8	27.5	15.8	13.3	0.1	2,573	18.2	4,629	10.1	—	—	—	—	—	2,300	45
Fort Worth ISD	TX	69,396	75,813	25.9	74.1	33.2	38.4	2.3	0.2	4,277	17.7	7,769	9.8	—	—	—	—	—	2,262	130
Galena Park ISD	TX	15,278	17,610	25.0	75.0	20.5	52.1	2.3	0.1	1,017	17.3	1,718	10.2	—	—	—	—	—	820	20
Garland ISD	TX	36,158	44,869	58.0	42.0	14.5	21.4	5.4	0.6	2,628	17.1	4,469	10.0	—	—	—	—	—	1,904	62
Goose Creek ISD	TX	17,150	17,921	46.2	53.8	17.2	35.6	0.8	0.1	1,098	16.3	1,956	9.2	—	—	—	—	—	789	25
Grand Prairie ISD	TX	16,464	18,383	42.5	57.5	12.7	40.2	3.8	0.8	1,116	16.5	1,807	10.2	—	—	—	—	—	750	28
Harlandale ISD	TX	15,039	15,148	6.8	93.2	0.5	92.4	0.2	0.1	963	15.7	1,862	8.1	—	—	—	—	—	561	25
Harlingen Cons ISD	TX	14,498	16,156	14.1	85.9	0.8	84.4	0.6	0.0	977	16.5	1,916	8.4	—	—	—	—	—	697	22
Houston ISD	TX	191,282	209,375	11.1	88.9	34.3	51.8	2.8	0.1	11,853	17.7	20,741	10.1	—	—	—	—	—	6,311	286
Humble ISD	TX	18,835	22,650	79.2	20.8	8.3	9.8	2.6	0.1	1,503	15.1	2,703	8.4	—	—	—	—	—	1,309	30
Hurst-Euless-Bedford ISD	TX	17,542	19,204	76.7	23.3	6.2	9.8	6.5	0.8	1,196	16.1	2,046	9.4	—	—	—	—	—	1,052	28
Irving ISD	TX	22,639	26,714	43.4	56.6	13.9	36.0	6.0	0.7	1,673	16.0	2,751	9.7	—	—	—	—	—	1,052	33
Judson ISD	TX	12,883	15,460	44.1	55.9	22.4	30.3	2.9	0.2	1,021	15.1	1,856	8.3	—	—	—	—	—	740	20
Katy ISD	TX	18,385	26,597	78.7	21.3	4.7	12.4	4.1	0.1	1,579	16.8	2,768	9.6	—	—	—	—	—	1,231	26
Killeen ISD	TX	22,854	28,414	41.1	58.9	37.8	16.1	4.4	0.5	1,856	15.3	3,543	8.0	—	—	—	—	—	1,064	39
Klein ISD	TX	25,088	29,892	67.6	32.4	11.7	13.6	6.8	0.3	1,841	16.2	3,465	8.6	—	—	—	—	—	1,619	27
Laredo ISD	TX	23,161	22,987	1.6	98.4	0.1	98.2	0.1	0.0	1,403	16.4	3,197	7.2	—	—	—	—	—	1,237	29
Lewisville ISD	TX	19,554	30,243	82.4	17.6	5.4	9.2	2.5	0.4	2,019	15.0	2,969	10.2	—	—	—	—	—	1,419	39
Lubbock ISD	TX	30,908	30,081	44.4	55.6	14.1	40.2	1.1	0.2	2,066	14.6	3,328	9.0	—	—	—	—	—	1,672	59
McAllen ISD	TX	21,169	21,704	11.4	88.6	0.3	86.7	1.5	0.1	1,427	15.2	2,747	7.9	—	—	—	—	—	1,233	31
Mesquite ISD	TX	24,649	29,971	70.6	29.4	11.8	13.5	3.7	0.4	1,674	17.9	2,884	10.4	—	—	—	—	—	1,394	38
Midland ISD	TX	20,276	23,284	51.9	48.1	10.2	36.6	0.9	0.3	1,378	16.9	2,471	9.4	—	—	—	—	—	992	35
North East ISD	TX	39,622	45,184	54.2	45.8	8.9	34.4	2.4	0.1	2,949	15.3	5,435	8.3	—	—	—	—	—	2,502	55
Northside ISD	TX	49,447	59,284	40.6	59.4	6.8	50.3	2.1	0.2	3,789	15.6	6,814	8.7	—	—	—	—	—	3,142	77
Pasadena ISD	TX	36,637	40,512	36.7	63.3	5.3	54.1	3.6	0.3	2,342	17.3	4,137	9.8	—	—	—	—	—	1,680	52
Pharr-San Juan-Alamo ISD	TX	18,062	20,362	1.7	98.3	0.1	98.1	0.1	0.0	1,274	16.0	2,778	7.3	—	—	—	—	—	935	29
Plano ISD	TX	29,554	40,864	77.2	22.8	5.7	7.3	9.6	0.2	2,611	15.7	4,056	10.1	—	—	—	—	—	2,085	49
Richardson ISD	TX	32,229	34,141	57.0	43.0	19.7	14.2	8.8	0.3	2,187	15.6	3,531	9.7	—	—	—	—	—	1,842	52
Round Rock ISD	TX	18,735	26,371	73.3	26.7	6.3	15.2	4.9	0.3	1,752	15.0	2,887	9.1	—	—	—	—	—	1,358	33
San Angelo ISD	TX	16,346	17,354	50.2	49.8	6.0	42.7	1.0	0.2	1,098	15.8	1,847	9.4	—	—	—	—	—	806	29
San Antonio ISD	TX	61,156	61,361	5.2	94.8	10.8	83.7	0.2	0.1	3,692	16.6	6,854	9.0	—	—	—	—	—	1,669	109
Socorro ISD	TX	12,998	21,098	9.3	90.7	1.2	89.0	0.4	0.1	1,302	16.2	2,352	9.0	—	—	—	—	—	854	21
Spring Branch ISD	TX	26,044	29,881	40.8	59.2	6.5	44.6	7.9	0.1	1,900	15.7	3,513	8.5	—	—	—	—	—	1,269	37
Spring ISD	TX	17,917	21,044	53.2	46.8	21.2	19.4	5.8	0.3	1,337	15.7	2,415	8.7	—	—	—	—	—	894	23
Tyler ISD	TX	16,069	16,511	42.6	57.4	36.2	20.2	0.9	0.1	1,081	15.3	1,965	8.4	—	—	—	—	—	769	29
United ISD	TX	11,478	21,387	4.4	95.6	0.1	94.8	0.6	0.1	1,289	16.6	2,529	8.5	—	—	—	—	—	853	31
Waco ISD	TX	14,325	16,170	23.7	76.3	40.2	35.6	0.5	0.1	1,062	15.2	1,713	9.4	—	—	—	—	—	—	30
Wichita Falls ISD	TX	14,889	15,594	63.9	36.1	16.1	17.0	2.5	0.5	1,121	13.9	1,757	8.9	—	—	—	—	—	779	30
Ysleta ISD	TX	50,009	47,366	11.1	88.9	2.6	85.4	0.5	0.4	2,991	15.8	5,172	9.2	—	—	—	—	—	2,620	66
Alpine	UT	38,246	43,719	94.3	5.7	0.3	3.1	1.5	0.6	1,712	25.5	2,574	17.0	2.4	0.5	1.6	3.6	4.1	2,672	51
Davis	UT	53,411	59,220	94.0	6.0	1.0	3.0	1.6	0.4	2,324	25.5	4,519	13.1	1.5	1.0	1.7	1.9	1.2	3,746	78
Granite	UT	77,515	76,456	84.8	15.2	1.0	8.0	5.1	1.0	3,090	24.7	6,541	11.7	9.3	8.4	10.2	11.0	7.4	4,499	96
Jordan	UT	63,605	72,748	93.8	6.2	0.3	3.7	1.7	0.4	2,851	25.5	5,035	14.4	3.0	0.0	2.4	4.5	5.6	4,082	72
Nebo	UT	16,154	19,256	95.9	4.1	0.1	3.0	0.7	0.3	732	26.3	1,294	14.9	0.3	0.3	0.3	0.1	0.6	1,191	27
Salt Lake City	UT	24,569	25,881	65.1	34.9	2.9	20.8	8.6	2.6	1,155	22.4	2,412	10.7	13.6	8.4	11.6	15.5	20.6	1,140	40
Washington	UT	12,647	18,078	93.9	6.1	0.3	3.0	1.0	1.0	689	26.3	1,218	14.8	2.2	0.1	1.7	2.4	5.4	1,003	27
Weber	UT	25,275	28,139	93.2	6.8	1.0	4.0	1.4	0.5	1,080	26.1	1,891	14.9	3.3	0.1	3.0	4.0	7.0	1,761	39
Arlington County	VA	14,290	17,546	42.1	57.9	17.1	30.7	9.9	0.1	—	—	—	—	—	—	—	—	—	788	30
Chesapeake City	VA	28,324	35,593	63.5	36.5	33.7	1.0	1.6	0.2	—	—	—	—	—	—	—	—	—	1,936	42
Chesterfield County	VA	42,864	49,781	76.3	23.7	19.5	1.4	2.7	0.2	—	—	—	—	—	—	—	—	—	2,816	56
Fairfax County	VA	126,713	143,266	64.5	35.5	11.4	9.8	14.0	0.2	—	—	—	—	—	—	—	—	—	8,789	212
Hampton City	VA	20,788	23,980	41.8	58.2	54.4	1.7	1.8	0.2	—	—	—	—	—	—	—	—	—	1,214	34
Henrico County	VA	31,963	38,102	63.7	36.3	31.7	1.2	3.3	0.1	—	—	—	—	—	—	—	—	—	1,940	58
Loudoun County	VA	14,174	21,574	82.8	17.2	8.5	4.3	4.2	0.1	—	—	—	—	—	—	—	—	—	1,009	36

Table 93.—Selected statistics on enrollment, teachers, graduates, and dropouts in public school districts enrolling more than 15,000 pupils, by state: 1989 and 1996—Continued

Name of district, by state	State	Enrollment, fall 1989	Enrollment, fall 1996	Percentage distribution of enrollment, by race, fall 1996						Number of classroom teachers, ¹ fall 1996	Pupil/teacher ratio, fall 1996	Total number of staff, fall 1996	Student/staff ratio, fall 1996	Percent dropouts from grades 9–12, 1995–96					Number of high school graduates, 1995–96 ²	Number of schools, fall 1996
				White	Minority									Total	Grade 9	Grade 10	Grade 11	Grade 12		
					Total	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Newport News City	VA	27,225	32,791	42.0	58.0	51.5	3.4	2.3	0.8	—	—	—	—	—	—	—	—	—	1,398	42
Norfolk City	VA	36,428	37,672	30.6	69.4	65.3	1.7	2.2	0.2	—	—	—	—	—	—	—	—	—	1,238	60
Portsmouth City	VA	18,523	17,845	30.7	69.3	67.7	0.7	0.7	0.1	—	—	—	—	—	—	—	—	—	734	29
Prince William County	VA	40,991	48,333	67.4	32.6	21.9	6.6	3.6	0.5	—	—	—	—	—	—	—	—	—	2,640	66
Richmond City	VA	26,736	27,872	7.9	92.1	90.6	0.7	0.7	0.1	—	—	—	—	—	—	—	—	—	935	61
Spotsylvania County	VA	11,527	16,036	83.4	16.6	13.4	1.9	1.1	0.3	—	—	—	—	—	—	—	—	—	794	23
Stafford County	VA	11,994	17,378	84.6	15.4	11.5	2.0	1.6	0.3	—	—	—	—	—	—	—	—	—	953	19
Virginia Beach City	VA	68,348	76,677	67.5	32.5	24.2	2.9	5.4	0.1	—	—	—	—	—	—	—	—	—	3,674	82
Bellevue	WA	14,971	15,533	71.4	28.6	4.0	5.4	18.8	0.4	756	20.5	1,481	10.5	—	—	—	—	—	1,065	32
Edmonds	WA	18,049	21,469	80.6	19.4	3.5	3.8	10.1	1.9	1,027	20.9	2,012	10.7	—	—	—	—	—	961	41
Everett	WA	14,846	17,553	83.7	16.3	3.0	3.8	7.5	1.9	828	21.2	1,548	11.3	—	—	—	—	—	700	29
Evergreen (Clark)	WA	14,163	18,366	87.0	13.0	2.8	3.1	6.2	1.0	947	19.4	1,632	11.3	—	—	—	—	—	839	29
Federal Way	WA	17,263	20,862	71.3	28.7	10.4	4.9	12.0	1.3	1,014	20.6	1,821	11.5	—	—	—	—	—	969	36
Highline	WA	15,254	18,403	62.1	37.9	9.5	8.2	17.1	3.0	871	21.1	1,722	10.7	—	—	—	—	—	1,265	39
Kent	WA	20,212	24,820	78.7	21.3	6.9	4.1	9.1	1.2	1,214	20.4	2,228	11.1	—	—	—	—	—	1,413	40
Lake Washington	WA	22,431	24,852	84.7	15.3	2.1	3.4	9.3	0.5	1,148	21.6	2,091	11.9	—	—	—	—	—	1,456	48
Northshore	WA	17,032	19,457	87.8	12.2	1.5	2.8	7.0	0.9	954	20.4	1,698	11.5	—	—	—	—	—	1,068	32
Puyallup	WA	14,325	18,545	83.8	16.2	2.2	3.2	4.7	6.1	886	20.9	1,612	11.5	—	—	—	—	—	862	36
Seattle	WA	40,781	47,629	40.6	59.4	23.0	8.5	24.8	3.1	2,450	19.4	4,636	10.3	—	—	—	—	—	2,430	116
Spokane	WA	27,960	32,041	86.9	13.1	3.7	2.3	2.9	4.1	1,616	19.8	2,955	10.8	—	—	—	—	—	1,884	67
Tacoma	WA	29,343	31,844	60.0	40.0	19.6	5.0	13.6	1.8	1,712	18.6	3,105	10.3	—	—	—	—	—	1,318	71
Vancouver	WA	15,707	20,657	84.5	15.5	3.6	5.1	4.7	2.1	982	21.0	1,884	11.0	—	—	—	—	—	1,090	37
Kanawha County	WV	35,005	31,491	88.9	11.1	9.8	0.9	0.3	0.1	2,177	14.5	3,888	8.1	5.0	3.7	5.8	6.5	4.3	2,102	89
Green Bay Area	WI	17,491	19,722	81.3	18.7	1.9	3.5	9.1	4.1	1,263	15.6	2,236	8.8	—	—	—	—	—	1,046	35
Kenosha	WI	15,742	19,048	76.7	23.3	12.4	9.3	1.2	0.4	1,122	17.0	2,028	9.4	—	—	—	—	—	804	33
Madison Metropolitan	WI	22,137	25,158	70.0	30.0	17.2	4.2	8.0	0.6	1,911	13.2	3,465	7.3	—	—	—	—	—	1,367	51
Milwaukee	WI	91,819	101,007	22.2	77.8	60.6	12.5	3.6	1.0	5,754	17.6	11,211	9.0	—	—	—	—	—	2,786	202
Racine	WI	21,741	22,114	63.8	36.2	24.2	10.8	0.9	0.3	1,418	15.6	2,496	8.9	—	—	—	—	—	1,078	37

¹ Data exclude teachers reported as working in school district offices rather than in schools.

² Includes all categories of high school completers such as GEDs.

—ISD=Independent school district.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared February 1999.)

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands				Current expenditure per pupil ¹	
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay		Interest on school debt
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Districts with more than 15,000 students	—	\$106,209,308	\$8,120,188	\$50,426,367	\$47,662,753	100.0	7.6	47.5	44.9	\$104,021,213	\$93,431,472	\$57,441,865	\$8,513,255	\$2,076,486	\$5,312
Baldwin County	AL	92,681	6,655	54,410	31,616	100.0	7.2	58.7	34.1	85,974	78,232	48,750	5,202	2,540	3,919
Birmingham City	AL	193,502	26,108	117,224	50,170	100.0	13.5	60.6	25.9	198,748	192,959	110,995	5,789	0	4,612
Huntsville City	AL	126,554	9,020	70,586	46,948	100.0	7.1	55.8	37.1	135,961	123,257	73,611	12,704	0	5,097
Jefferson County	AL	187,315	11,358	116,236	59,721	100.0	6.1	62.1	31.9	196,427	173,304	109,396	19,422	3,701	4,287
Madison County	AL	78,891	4,021	48,281	26,589	100.0	5.1	61.2	33.7	85,488	65,337	40,960	17,682	2,469	3,801
Mobile County	AL	271,809	37,451	180,448	53,910	100.0	13.8	66.4	19.8	256,846	245,589	156,093	10,977	280	3,799
Montgomery County	AL	144,493	16,838	99,246	28,409	100.0	11.7	68.7	19.7	136,406	135,131	83,216	1,179	96	3,889
Shelby County	AL	83,250	4,379	50,265	28,606	100.0	5.3	60.4	34.4	87,657	73,513	44,718	10,423	3,721	4,136
Tuscaloosa County	AL	65,079	5,339	45,855	13,885	100.0	8.2	70.5	21.3	62,260	60,265	38,680	1,164	831	4,076
Anchorage	AK	335,193	27,511	220,592	87,090	100.0	8.2	65.8	26.0	382,704	295,087	148,394	79,757	7,860	6,192
Fairbanks North Star Borough	AK	112,469	12,962	69,926	29,581	100.0	11.5	62.2	26.3	117,847	112,466	60,857	1,601	3,780	6,939
Amphitheater Unified	AZ	73,913	4,812	30,784	38,317	100.0	6.5	41.6	51.8	74,921	62,405	33,185	7,854	4,662	4,090
Cartwright Elementary	AZ	65,313	6,136	42,251	16,926	100.0	9.4	64.7	25.9	61,910	56,840	35,988	5,070	0	3,629
Chandler Unified	AZ	68,186	4,381	29,756	34,049	100.0	6.4	43.6	49.9	81,913	54,997	32,542	21,989	4,927	3,856
Deer Valley Unified	AZ	110,044	3,762	40,013	66,269	100.0	3.4	36.4	60.2	114,989	75,518	46,562	28,773	10,698	3,933
Gilbert Unified	AZ	71,917	1,802	36,474	33,641	100.0	2.5	50.7	46.8	74,808	56,036	32,096	15,232	3,540	3,629
Kyrene Elementary	AZ	82,621	1,464	34,933	46,224	100.0	1.8	42.3	55.9	99,081	59,228	34,496	34,238	5,317	3,756
Mesa Unified	AZ	311,840	16,191	168,483	127,166	100.0	5.2	54.0	40.8	290,481	267,656	168,304	17,067	5,758	3,870
Paradise Valley Unified	AZ	150,892	5,131	68,081	77,680	100.0	3.4	45.1	51.5	155,776	124,890	78,843	18,893	11,993	3,990
Peoria Unified	AZ	112,753	3,680	64,223	44,850	100.0	3.3	57.0	39.8	116,882	93,854	58,325	16,183	6,845	3,636
Phoenix Union High	AZ	161,793	12,747	18,516	130,530	100.0	7.9	11.4	80.7	159,365	133,607	71,560	17,643	8,115	6,459
Scottsdale Unified	AZ	124,053	3,055	28,885	92,113	100.0	2.5	23.3	74.3	143,328	97,958	55,198	32,190	13,180	4,350
Tucson Unified	AZ	316,718	28,997	147,809	139,912	100.0	9.2	46.7	44.2	333,733	267,660	151,831	43,366	22,707	4,274
Washington Elementary	AZ	117,179	7,196	59,451	50,532	100.0	6.1	50.7	43.1	102,909	91,846	60,668	9,307	1,756	3,936
Little Rock	AR	150,267	10,361	64,364	75,542	100.0	6.9	42.8	50.3	149,852	141,907	84,495	3,835	4,110	5,753
Pulaski County Special	AR	117,041	8,151	70,685	38,205	100.0	7.0	60.4	32.6	111,700	103,524	62,002	5,760	2,416	5,070
ABC Unified	CA	105,557	5,695	68,673	31,189	100.0	5.4	65.1	29.5	97,487	95,148	61,532	2,297	42	4,402
Alum Rock Union Elementary	CA	76,163	8,611	40,996	26,556	100.0	11.3	53.8	34.9	79,632	69,496	46,393	8,633	1,503	4,388
Alvord Unified	CA	66,797	3,805	44,741	18,251	100.0	5.7	67.0	27.3	66,039	64,562	43,242	1,477	0	3,956
Anaheim Elementary	CA	70,942	4,413	33,778	32,751	100.0	6.2	47.6	46.2	69,548	68,180	46,646	1,368	0	3,888
Anaheim Union High	CA	130,814	11,577	67,738	51,499	100.0	8.8	51.8	39.4	118,546	113,580	67,426	4,966	0	4,791
Antelope Valley Union High	CA	74,864	2,852	48,717	23,295	100.0	3.8	65.1	31.1	68,067	53,904	32,776	14,163	0	3,885
Antioch Unified	CA	85,102	3,046	56,264	25,792	100.0	3.6	66.1	30.3	102,004	63,982	42,214	38,022	0	4,287
Bakersfield City Elementary	CA	127,477	17,358	86,186	23,933	100.0	13.6	67.6	18.8	125,832	116,957	71,956	6,548	2,327	4,466
Baldwin Park Unified	CA	82,300	8,715	54,589	18,996	100.0	10.6	66.3	23.1	72,120	66,307	40,899	5,813	0	4,150
Cajon Valley Union Elementary	CA	112,827	7,158	80,206	25,463	100.0	6.3	71.1	22.6	108,697	77,773	49,329	30,924	0	4,236
Capistrano Unified	CA	144,792	5,201	49,550	90,041	100.0	3.6	34.2	62.2	151,267	138,765	86,866	12,348	154	4,164
Chaffey Union High	CA	78,706	2,870	49,735	26,101	100.0	3.6	63.2	33.2	71,505	66,824	41,201	4,681	0	4,295
Chino Unified	CA	136,050	4,273	90,985	40,792	100.0	3.1	66.9	30.0	131,362	111,478	74,876	19,525	359	4,061
Chula Vista Elementary	CA	91,447	6,116	43,214	42,117	100.0	6.7	47.3	46.1	86,372	79,013	52,967	7,359	0	4,203
Clovis Unified	CA	151,626	10,432	84,533	56,661	100.0	6.9	55.8	37.4	146,729	119,017	71,849	22,095	5,617	4,161
Colton Joint Unified	CA	84,896	6,717	60,873	17,306	100.0	7.9	71.7	20.4	84,065	76,456	47,074	7,609	0	4,148
Compton Unified	CA	148,736	20,990	95,651	32,095	100.0	14.1	64.3	21.6	131,301	124,934	77,960	6,367	0	4,519
Conejo Valley Unified	CA	86,844	3,536	31,911	51,397	100.0	4.1	36.7	59.2	83,480	77,132	48,728	6,115	233	4,329
Corona-Norco Unified	CA	121,537	6,228	75,166	40,143	100.0	5.1	61.8	33.0	118,418	111,664	69,216	6,754	0	4,155
Desert Sands Unified	CA	99,031	6,276	46,018	46,737	100.0	6.3	46.5	47.2	86,309	79,699	47,916	6,610	0	4,277
Downey Unified	CA	80,036	4,504	49,360	26,172	100.0	5.6	61.7	32.7	77,360	72,676	45,944	4,684	0	4,068
East Side Union High	CA	124,949	8,391	60,087	56,471	100.0	6.7	48.1	45.2	115,850	113,020	69,920	1,423	1,407	5,153
Elk Grove Unified	CA	169,562	10,807	104,567	54,188	100.0	6.4	61.7	32.0	163,992	149,877	93,018	14,115	0	4,424
Escondido Union Elementary	CA	71,875	5,958	37,450	28,467	100.0	8.3	52.1	39.6	71,865	63,340	41,868	6,255	2,270	3,833
Fairfield-Suisun Unified	CA	89,021	4,193	59,386	25,442	100.0	4.7	66.7	28.6	81,906	80,257	56,669	1,649	0	3,845
Fontana Unified	CA	140,304	10,668	101,898	27,738	100.0	7.6	72.6	19.8	139,686	128,817	80,855	9,189	1,680	4,269
Fremont Unified	CA	141,354	4,665	71,949	64,740	100.0	3.3	50.9	45.8	139,739	120,206	82,315	17,456	2,077	4,125
Fresno Unified	CA	425,873	49,767	275,693	100,413	100.0	11.7	64.7	23.6	394,650	373,510	234,340	21,135	5	4,849
Garden Grove Unified	CA	198,815	16,830	101,033	80,952	100.0	8.5	50.8	40.7	188,316	187,338	120,258	978	0	4,416
Glendale Unified	CA	147,730	13,526	79,118	55,086	100.0	9.2	53.6	37.3	137,254	126,231	82,858	11,023	0	4,343
Grossmont Union High	CA	109,496	6,452	50,040	53,004	100.0	5.9	45.7	48.4	101,807	96,816	57,235	4,991	0	4,709

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands					Current expenditure per pupil ¹
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay	Interest on school debt	
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Hacienda La Puente Unified	CA	134,981	11,258	86,810	36,913	100.0	8.3	64.3	27.3	96,171	93,494	55,890	2,677	0	4,294
Hayward Unified	CA	104,468	8,745	56,473	39,250	100.0	8.4	54.1	37.6	89,340	86,053	53,539	3,287	0	4,316
Hemet Unified	CA	82,295	5,745	56,015	20,535	100.0	7.0	68.1	25.0	76,529	60,402	39,258	16,127	0	4,151
Hesperia Unified	CA	73,589	4,196	54,409	14,984	100.0	5.7	73.9	20.4	74,331	60,148	37,530	14,183	0	4,148
Inglewood Unified	CA	93,201	9,037	60,526	23,638	100.0	9.7	64.9	25.4	82,016	71,489	43,945	10,527	0	4,395
Irvine Unified	CA	103,601	4,492	36,540	62,569	100.0	4.3	35.3	60.4	101,080	98,924	63,980	1,123	1,033	4,508
Jurupa Unified	CA	82,427	4,474	58,945	19,008	100.0	5.4	71.5	23.1	75,855	69,330	45,969	6,525	0	4,107
Kern Union High	CA	146,049	10,479	69,339	66,231	100.0	7.2	47.5	45.3	136,595	120,905	64,398	11,994	3,696	5,073
Lodi Unified	CA	119,928	10,075	72,216	37,637	100.0	8.4	60.2	31.4	112,147	109,040	69,041	3,008	99	4,337
Long Beach Unified	CA	452,033	54,825	288,497	108,711	100.0	12.1	63.8	24.0	390,742	370,907	238,171	19,835	0	4,747
Los Angeles Unified	CA	3,771,981	465,823	2,251,218	1,054,940	100.0	12.3	59.7	28.0	3,395,358	3,276,287	2,146,781	119,071	0	5,176
Lynwood Unified	CA	108,167	7,253	84,364	16,550	100.0	6.7	78.0	15.3	72,587	59,338	40,334	13,249	0	3,900
Madera Unified	CA	72,415	6,186	45,755	20,474	100.0	8.5	63.2	28.3	71,472	63,774	36,871	7,698	0	4,200
Manteca Unified	CA	64,717	3,301	41,725	19,691	100.0	5.1	64.5	30.4	61,475	59,294	37,520	2,181	0	4,050
Modesto City Elementary	CA	149,631	15,188	81,998	52,445	100.0	10.2	54.8	35.0	143,059	136,536	85,141	3,058	3,465	4,274
Montebello Unified	CA	157,246	15,955	97,062	44,229	100.0	10.1	61.7	28.1	156,294	135,214	85,997	21,080	0	4,223
Moreno Valley Unified	CA	141,047	10,091	102,070	28,886	100.0	7.2	72.4	20.5	137,736	135,372	84,476	2,260	104	4,282
Mt. Diablo Unified	CA	167,077	7,837	72,186	87,054	100.0	4.7	43.2	52.1	156,562	152,915	95,580	3,647	0	4,444
Napa Valley Unified	CA	70,544	3,918	22,975	43,651	100.0	5.6	32.6	61.9	65,476	62,381	39,416	3,087	8	4,153
Newport-Mesa Unified	CA	98,375	4,474	20,121	73,780	100.0	4.5	20.5	75.0	84,778	82,827	49,253	1,914	37	4,648
Norwalk-La Mirada Unified	CA	113,207	8,291	65,830	39,086	100.0	7.3	58.2	34.5	94,859	90,679	54,260	4,180	0	4,458
Oakland Unified	CA	299,426	32,262	181,601	85,563	100.0	10.8	60.6	28.6	282,097	279,180	165,632	2,258	659	5,399
Oceanside City Unified	CA	84,233	7,919	47,377	28,937	100.0	9.4	56.2	34.4	82,567	81,413	52,221	1,154	0	4,298
Ontario-Montclair Elementary	CA	114,032	10,557	80,198	23,277	100.0	9.3	70.3	20.4	108,316	95,421	64,093	12,895	0	4,125
Orange Unified	CA	122,878	6,812	44,411	71,655	100.0	5.5	36.1	58.3	107,793	106,350	64,323	1,443	0	3,982
Pajaro Valley Joint Unified	CA	96,509	11,162	51,579	33,768	100.0	11.6	53.4	35.0	89,359	79,175	50,112	10,184	0	4,554
Palm Springs Unified	CA	80,548	5,481	42,679	32,388	100.0	6.8	53.0	40.2	89,108	69,871	42,414	18,270	967	4,173
Palmdale Elementary	CA	74,934	6,869	47,263	20,802	100.0	9.2	63.1	27.8	71,640	66,758	41,247	4,882	0	3,896
Paramount Unified	CA	66,190	6,531	42,177	17,482	100.0	9.9	63.7	26.4	62,142	61,029	37,189	1,113	0	4,252
Pasadena Unified	CA	115,788	13,387	59,785	42,616	100.0	11.6	51.6	36.8	115,219	114,094	68,572	1,125	0	5,180
Placentia-Yorba Linda Unified	CA	111,474	3,837	50,556	57,081	100.0	3.4	45.4	51.2	105,566	101,785	64,658	3,702	79	4,386
Pomona Unified	CA	165,857	22,634	103,740	39,483	100.0	13.6	62.5	23.8	151,113	140,909	86,359	7,550	2,654	4,690
Poway Unified	CA	134,038	3,777	64,473	65,788	100.0	2.8	48.1	49.1	131,433	126,354	78,977	5,079	0	4,334
Redlands Unified	CA	84,364	3,999	54,664	25,701	100.0	4.7	64.8	30.5	80,738	72,278	46,057	5,858	2,602	4,121
Rialto Unified	CA	101,550	6,908	73,703	20,939	100.0	6.8	72.6	20.6	105,222	96,874	57,856	8,318	30	4,199
Riverside Unified	CA	168,852	12,234	111,061	45,557	100.0	7.2	65.8	27.0	163,649	150,089	91,687	13,557	3	4,330
Rowland Unified	CA	85,581	5,256	53,972	26,353	100.0	6.1	63.1	30.8	79,604	77,898	46,415	1,706	0	4,251
Sacramento City Unified	CA	252,085	29,287	154,406	68,392	100.0	11.6	61.3	27.1	234,058	230,635	147,049	2,725	698	4,680
Saddleback Valley Unified	CA	124,350	3,548	47,039	73,763	100.0	2.9	37.8	59.3	118,585	116,774	76,957	1,457	354	4,042
San Bernardino City Unified	CA	226,021	22,724	158,219	45,078	100.0	10.1	70.0	19.9	222,291	206,591	117,989	15,700	0	4,669
San Diego City Unified	CA	740,952	62,022	309,152	369,778	100.0	8.4	41.7	49.9	675,573	644,437	377,380	31,094	42	5,013
San Francisco Unified	CA	391,880	32,622	118,748	240,510	100.0	8.3	30.3	61.4	339,365	311,503	204,393	27,862	0	5,078
San Jose Unified	CA	181,898	13,490	75,954	92,454	100.0	7.4	41.8	50.8	176,665	167,218	97,134	9,439	8	5,377
San Juan Unified	CA	240,937	18,163	145,992	76,782	100.0	7.5	60.6	31.9	229,166	216,558	135,958	12,608	0	4,600
San Ramon Valley Unified	CA	88,707	1,124	20,874	66,709	100.0	1.3	23.5	75.2	81,937	72,906	48,809	8,732	299	4,070
Santa Ana Unified	CA	238,133	21,499	126,217	90,417	100.0	9.0	53.0	38.0	225,088	204,940	132,778	19,900	248	4,194
Simi Valley Unified	CA	92,918	5,240	50,630	37,048	100.0	5.6	54.5	39.9	84,467	78,619	48,687	3,925	1,923	4,300
Stockton City Unified	CA	178,846	24,249	110,400	44,197	100.0	13.6	61.7	24.7	167,571	162,838	100,798	4,697	36	4,787
Sweetwater Union High	CA	155,130	11,538	103,273	40,319	100.0	7.4	66.6	26.0	140,525	138,102	80,671	2,423	0	4,784
Torrance Unified	CA	104,847	3,099	54,649	47,099	100.0	3.0	52.1	44.9	94,120	90,040	54,765	4,080	0	4,090
Vallejo City Unified	CA	94,180	6,996	60,287	26,897	100.0	7.4	64.0	28.6	92,613	88,458	54,008	4,155	0	4,560
Ventura Unified	CA	82,805	4,465	35,821	42,519	100.0	5.4	43.3	51.3	70,110	65,776	38,182	4,334	0	4,130
Visalia Unified	CA	115,509	11,173	73,778	30,558	100.0	9.7	63.9	26.5	102,271	99,551	66,075	2,421	299	4,216
Vista Unified	CA	108,374	6,215	61,577	40,582	100.0	5.7	56.8	37.4	101,867	98,296	63,471	3,571	0	4,240
West Contra Costa Unified	CA	167,611	13,072	89,256	65,283	100.0	7.8	53.3	38.9	154,399	142,947	93,335	11,452	0	4,527
Adams-Arapahoe	CO	160,760	8,215	86,808	65,737	100.0	5.1	54.0	40.9	151,054	140,453	85,022	5,418	5,183	5,122
Boulder Valley	CO	148,462	5,077	28,123	115,262	100.0	3.4	18.9	77.6	138,545	127,430	78,779	5,360	5,755	5,168
Cherry Creek	CO	225,825	3,702	73,223	148,900	100.0	1.6	32.4	65.9	208,072	191,811	116,584	4,954	11,307	5,525
Colorado Springs	CO	156,159	8,155	80,709	67,295	100.0	5.2	51.7	43.1	151,832	146,868	88,434	4,964	0	4,514
Denver County	CO	391,829	32,724	109,666	249,439	100.0	8.4	28.0	63.7	393,742	351,373	190,168	32,270	10,099	5,598
Douglas County	CO	155,302	2,169	44,086	109,047	100.0	1.4	28.4	70.2	116,581	96,160	53,401	15,426	4,995	4,798

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands					Current expenditure per pupil ¹
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay	Interest on school debt	
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Jefferson County	CO	541,438	13,947	211,108	316,383	100.0	2.6	39.0	58.4	631,698	466,601	238,919	139,759	25,338	5,554
Littleton	CO	86,566	2,261	40,073	44,232	100.0	2.6	46.3	51.1	82,354	76,176	47,053	3,915	2,263	4,836
Mesa County Valley	CO	88,868	5,650	52,824	30,394	100.0	6.4	59.4	34.2	84,031	80,328	49,844	2,561	1,142	4,370
Northglenn-Thornton	CO	144,125	4,336	72,802	66,987	100.0	3.0	50.5	46.5	119,845	108,994	66,517	5,224	5,627	4,663
Poudre	CO	112,296	5,218	43,037	64,041	100.0	4.6	38.3	57.0	140,709	93,805	58,763	38,159	8,745	4,428
Pueblo City	CO	92,114	8,712	53,959	29,443	100.0	9.5	58.6	32.0	90,738	86,489	54,670	4,249	0	4,805
St. Vrain Valley	CO	88,787	3,405	39,604	45,778	100.0	3.8	44.6	51.6	84,056	78,209	44,395	2,794	3,053	4,745
Bridgeport	CT	177,404	17,810	122,637	36,957	100.0	10.0	69.1	20.8	173,724	164,925	110,648	5,954	2,845	7,899
Hartford	CT	251,702	19,806	165,618	66,278	100.0	7.9	65.8	26.3	244,790	241,442	164,855	236	3,112	10,017
New Haven	CT	177,746	18,214	114,561	44,971	100.0	10.2	64.5	25.3	170,558	166,123	117,115	1,944	2,491	8,988
Christina	DE	143,416	7,725	86,077	49,614	100.0	5.4	60.0	34.6	133,380	129,147	81,394	3,534	699	6,651
Red Clay Consolidated	DE	106,583	6,518	60,410	39,655	100.0	6.1	56.7	37.2	103,918	102,323	64,650	1,595	0	6,859
District of Columbia	DC	700,111	65,527	—	634,584	100.0	9.4	—	90.6	686,586	666,938	336,543	19,648	0	8,290
Alachua County	FL	170,870	16,223	96,432	58,215	100.0	9.5	56.4	34.1	164,887	136,647	72,785	22,287	5,953	4,743
Bay County	FL	142,139	10,450	85,264	46,425	100.0	7.4	60.0	32.7	134,417	119,751	73,379	12,836	1,830	4,828
Brevard County	FL	347,200	21,232	182,448	143,520	100.0	6.1	52.5	41.3	361,735	299,696	179,799	56,527	5,512	4,640
Broward County	FL	1,317,698	77,867	661,136	578,695	100.0	5.9	50.2	43.9	1,248,289	1,024,098	570,890	191,569	32,622	5,140
Charlotte County	FL	95,539	4,880	27,113	63,546	100.0	5.1	28.4	66.5	86,760	77,411	43,030	7,401	1,948	5,129
Clay County	FL	118,889	6,154	79,180	33,555	100.0	5.2	66.6	28.2	108,297	99,554	56,136	8,318	425	4,176
Collier County	FL	194,726	14,195	31,042	149,489	100.0	7.3	15.9	76.8	218,170	149,122	88,135	63,536	5,512	5,928
Dade County	FL	2,183,071	182,832	1,159,150	841,089	100.0	8.4	53.1	38.5	2,209,145	1,844,088	1,085,450	321,454	43,603	5,734
Duval County	FL	670,683	49,826	377,064	243,793	100.0	7.4	56.2	36.3	605,002	560,115	320,032	34,220	10,667	4,615
Escambia County	FL	253,872	23,786	163,740	66,346	100.0	9.4	64.5	26.1	248,818	219,741	121,197	25,360	3,717	4,909
Hernando County	FL	85,365	5,240	40,667	39,458	100.0	6.1	47.6	46.2	81,510	68,469	36,597	8,065	4,976	4,613
Hillsborough County	FL	886,056	80,868	496,803	308,385	100.0	9.1	56.1	34.8	873,555	747,392	424,198	111,626	14,537	5,393
Lake County	FL	128,117	9,404	69,481	49,232	100.0	7.3	54.2	38.4	117,065	103,787	56,929	11,488	1,790	4,395
Lee County	FL	321,370	19,260	96,896	205,214	100.0	6.0	30.2	63.9	329,814	263,842	137,470	53,651	12,321	5,340
Leon County	FL	193,931	12,542	109,524	71,865	100.0	6.5	56.5	37.1	183,451	153,838	84,285	24,656	4,957	5,045
Manatee County	FL	202,089	12,913	83,750	105,426	100.0	6.4	41.4	52.2	164,081	150,071	86,722	13,722	288	4,862
Marion County	FL	190,458	15,635	112,605	62,218	100.0	8.2	59.1	32.7	184,184	161,565	92,587	18,227	4,392	4,749
Okaloosa County	FL	151,343	12,135	91,373	47,835	100.0	8.0	60.4	31.6	135,481	125,243	73,261	8,821	1,417	4,314
Orange County	FL	745,661	48,312	318,107	379,242	100.0	6.5	42.7	50.9	632,182	580,058	302,649	36,171	15,953	4,888
Osceola County	FL	143,661	6,568	73,450	63,643	100.0	4.6	51.1	44.3	133,435	109,225	58,647	19,748	4,462	4,508
Palm Beach County	FL	926,775	52,541	268,358	605,876	100.0	5.7	29.0	65.4	866,169	691,125	437,330	155,562	19,482	5,420
Pasco County	FL	240,850	17,100	138,700	85,050	100.0	7.1	57.6	35.3	231,555	196,456	105,875	28,327	6,772	4,897
Pinellas County	FL	658,123	39,781	301,216	317,126	100.0	6.0	45.8	48.2	608,432	525,942	309,197	82,038	452	5,148
Polk County	FL	379,653	33,100	225,015	121,538	100.0	8.7	59.3	32.0	373,047	331,874	185,461	36,710	4,463	4,655
Santa Rosa County	FL	99,827	7,428	64,277	28,122	100.0	7.4	64.4	28.2	93,111	83,693	48,963	8,324	1,094	4,411
Sarasota County	FL	251,644	9,253	50,994	191,397	100.0	3.7	20.3	76.1	207,146	178,513	97,210	22,845	5,788	5,866
Seminole County	FL	286,340	11,020	148,641	126,679	100.0	3.8	51.9	44.2	299,111	227,657	135,457	58,600	12,854	4,266
Saint Johns County	FL	102,124	4,471	44,545	53,108	100.0	4.4	43.6	52.0	88,657	72,290	38,739	12,951	3,416	4,965
Saint Lucie County	FL	159,712	12,542	73,043	74,127	100.0	7.9	45.7	46.4	159,862	132,888	73,437	21,224	5,750	5,069
Volusia County	FL	324,580	17,954	155,752	150,874	100.0	5.5	48.0	46.5	300,156	269,017	153,585	19,898	11,241	4,845
Atlanta City	GA	499,845	37,661	139,998	322,186	100.0	7.5	28.0	64.5	480,586	416,105	232,222	64,481	0	6,986
Bibb County	GA	129,493	12,623	71,829	45,041	100.0	9.7	55.5	34.8	132,066	119,702	72,056	10,440	1,924	4,812
Chatham County	GA	213,447	15,729	92,911	104,807	100.0	7.4	43.5	49.1	255,386	194,233	119,947	55,395	5,758	5,480
Cherokee County	GA	102,539	3,027	56,850	42,662	100.0	3.0	55.4	41.6	118,180	88,040	54,551	25,959	4,181	4,469
Clayton County	GA	202,817	10,655	104,009	88,153	100.0	5.3	51.3	43.5	195,542	186,317	109,341	7,352	1,873	4,759
Cobb County	GA	401,695	6,787	191,879	203,029	100.0	1.7	47.8	50.5	401,902	379,596	246,974	11,394	10,912	4,717
Columbia County	GA	79,932	2,714	45,616	31,602	100.0	3.4	57.1	39.5	81,139	67,878	43,486	9,990	3,271	4,010
De Kalb County	GA	513,712	23,582	206,064	284,066	100.0	4.6	40.1	55.3	523,449	482,571	320,799	35,033	5,845	5,764
Dougherty	GA	105,016	13,979	62,127	28,910	100.0	13.3	59.2	27.5	98,242	92,068	53,228	5,906	268	5,091
Douglas County	GA	77,816	3,203	43,766	30,847	100.0	4.1	56.2	39.6	74,718	68,119	41,626	3,653	2,946	4,538
Fayette County	GA	91,162	1,678	42,048	47,436	100.0	1.8	46.1	52.0	91,024	70,905	47,570	14,387	5,732	4,427
Fulton County	GA	372,068	13,316	108,443	250,309	100.0	3.6	29.1	67.3	412,831	315,635	176,768	80,215	16,981	5,939
Gwinnett County	GA	442,880	9,362	195,744	237,774	100.0	2.1	44.2	53.7	464,003	371,929	240,091	72,717	19,357	4,636
Hall County	GA	77,198	4,709	45,446	27,043	100.0	6.1	58.9	35.0	77,159	68,888	43,572	5,597	2,674	4,288
Henry County	GA	75,695	2,196	38,477	35,022	100.0	2.9	50.8	46.3	83,222	62,589	39,027	16,171	4,462	4,375

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands				Current expenditure per pupil ¹	
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay		Interest on school debt
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Houston County	GA	97,350	5,817	58,719	32,814	100.0	6.0	60.3	33.7	97,500	86,921	52,816	9,523	1,056	4,726
Muscogee County	GA	183,840	16,957	100,958	65,925	100.0	9.2	54.9	35.9	178,973	166,562	97,094	11,517	894	5,123
Richmond County	GA	177,058	16,155	99,918	60,985	100.0	9.1	56.4	34.4	169,830	161,914	98,248	6,530	1,386	4,508
Hawaii Department of Education	HI	1,173,579	82,547	1,062,296	28,736	100.0	7.0	90.5	2.4	1,110,820	1,028,730	636,952	82,090	0	5,595
Boise City Independent	ID	131,507	6,508	62,793	62,206	100.0	4.9	47.7	47.3	125,242	115,444	75,552	7,466	2,332	4,374
Meridian Junction	ID	71,910	2,601	46,425	22,884	100.0	3.6	64.6	31.8	85,874	59,524	37,785	23,106	3,244	3,368
City of Chicago	IL	2,912,990	351,759	931,214	1,630,017	100.0	12.1	32.0	56.0	2,527,901	2,469,471	1,385,307	58,097	333	6,064
Community Unit 300	IL	59,279	3,447	18,366	37,466	100.0	5.8	31.0	63.2	83,071	57,622	35,983	23,045	2,404	4,363
Indian Prairie 20	IL	71,954	715	8,598	62,641	100.0	1.0	11.9	87.1	85,604	55,097	33,848	24,988	5,519	4,510
Naperville Community Unit District 203	IL	108,921	1,382	13,733	93,806	100.0	1.3	12.6	86.1	94,311	91,859	63,813	589	1,863	5,202
Peoria	IL	108,134	10,574	49,082	48,478	100.0	9.8	45.4	44.8	87,820	86,600	48,683	429	791	5,144
Rockford	IL	177,609	9,442	61,010	107,157	100.0	5.3	34.4	60.3	176,735	165,388	95,827	4,044	7,303	6,034
Schaumburg	IL	120,972	2,779	18,378	99,815	100.0	2.3	15.2	82.5	107,004	100,837	50,674	908	5,259	6,291
School District 46	IL	167,670	5,392	49,255	113,023	100.0	3.2	29.4	67.4	147,083	139,482	90,481	3,674	3,927	4,606
Springfield	IL	99,909	7,747	35,120	57,042	100.0	7.8	35.2	57.1	94,725	88,280	45,488	2,769	3,676	5,661
Waukegan	IL	68,304	4,553	29,219	34,532	100.0	6.7	42.8	50.6	61,181	59,074	34,365	739	1,368	4,639
Evansville-Vanderburgh School Corporation	IN	156,030	9,690	77,806	68,534	100.0	6.2	49.9	43.9	146,959	133,752	84,419	12,579	628	5,649
Fort Wayne Community	IN	211,802	11,009	103,031	97,762	100.0	5.2	48.6	46.2	185,970	175,244	107,867	10,047	679	5,563
Gary Community School Corporation	IN	163,619	14,554	105,640	43,425	100.0	8.9	64.6	26.5	149,428	141,295	82,766	7,464	669	6,034
Indianapolis	IN	379,524	28,061	216,689	134,774	100.0	7.4	57.1	35.5	306,716	284,567	163,534	20,954	1,195	6,181
South Bend Community School Corporation	IN	140,889	8,455	75,527	56,907	100.0	6.0	53.6	40.4	123,275	117,316	74,154	5,253	706	5,546
Vigo County School Corporation	IN	100,851	5,275	56,033	39,543	100.0	5.2	55.6	39.2	84,068	79,295	48,787	2,773	2,000	4,696
Cedar Rapids	IA	103,761	3,579	47,148	53,034	100.0	3.4	45.4	51.1	92,030	88,717	57,081	3,121	192	5,002
Davenport	IA	101,452	5,172	52,814	43,466	100.0	5.1	52.1	42.8	92,722	89,924	59,569	2,639	159	5,079
Des Moines Independent	IA	202,382	11,746	94,937	95,699	100.0	5.8	46.9	47.3	185,528	178,388	114,236	6,527	613	5,795
Kansas City	KS	139,391	13,871	87,475	38,045	100.0	10.0	62.8	27.3	131,039	126,602	71,748	4,437	0	5,787
Olathe	KS	111,668	2,080	54,516	55,072	100.0	1.9	48.8	49.3	98,480	88,860	54,554	1,196	8,424	5,194
Shawnee Mission	KS	188,386	4,316	65,619	118,451	100.0	2.3	34.8	62.9	173,234	165,479	99,975	3,882	3,873	5,185
Wichita	KS	264,192	16,585	145,269	102,338	100.0	6.3	55.0	38.7	256,117	247,325	141,637	8,792	0	5,376
Fayette County	KY	195,811	10,832	91,865	93,114	100.0	5.5	46.9	47.6	183,524	177,563	106,668	3,612	2,349	5,374
Jefferson County	KY	555,444	42,556	275,869	237,019	100.0	7.7	49.7	42.7	526,175	511,270	317,883	3,818	11,087	5,474
Bossier Parish School Board	LA	89,709	7,930	52,551	29,228	100.0	8.8	58.6	32.6	75,735	74,609	43,484	500	626	4,025
Caddo Parish School Board	LA	234,385	26,715	123,739	83,931	100.0	11.4	52.8	35.8	228,217	217,204	132,081	9,206	1,807	4,378
Calcasieu Parish School Board	LA	160,694	14,216	76,945	69,533	100.0	8.8	47.9	43.3	158,763	138,904	81,758	12,837	7,022	4,028
East Baton Rouge Parish School Board	LA	301,526	31,980	154,232	115,314	100.0	10.6	51.2	38.2	295,019	292,498	175,624	2,521	0	4,759
Iberia Parish School Board	LA	75,254	9,297	42,560	23,397	100.0	12.4	56.6	31.1	71,448	65,761	39,211	3,149	2,538	4,133
Jefferson Parish School Board	LA	350,237	29,887	135,038	185,312	100.0	8.5	38.6	52.9	308,700	275,276	172,066	9,917	23,507	4,847
Lafayette Parish School Board	LA	140,178	14,943	69,925	55,310	100.0	10.7	49.9	39.5	133,205	120,402	75,614	9,623	3,180	3,904
Lafourche Parish School Board	LA	69,077	8,561	42,916	17,600	100.0	12.4	62.1	25.5	66,224	64,124	38,545	1,578	522	3,876
Livingston Parish School Board	LA	69,966	5,661	46,101	18,204	100.0	8.1	65.9	26.0	72,328	63,171	39,511	7,856	1,301	3,513
Orleans Parish School Board	LA	401,791	61,861	202,424	137,506	100.0	15.4	50.4	34.2	398,083	375,127	234,824	14,106	8,850	4,361
Ouachita Parish School Board	LA	75,782	8,458	45,602	21,722	100.0	11.2	60.2	28.7	71,186	67,760	43,616	1,525	1,901	3,743
Rapides Parish School Board	LA	123,151	13,861	65,548	43,742	100.0	11.3	53.2	35.5	120,394	112,210	66,274	3,599	4,585	4,536
Saint Landry Parish School Board	LA	71,749	10,786	47,599	13,364	100.0	15.0	66.3	18.6	75,204	67,996	40,878	4,637	2,571	3,850
Saint Tammany Parish School Board	LA	156,554	9,804	83,704	63,046	100.0	6.3	53.5	40.3	152,645	139,254	85,897	8,726	4,665	4,434
Tangipahoa Parish School Board	LA	84,446	11,257	45,691	27,498	100.0	13.3	54.1	32.6	77,515	67,772	41,152	7,074	2,669	3,763
Terrebonne Parish School Board	LA	81,374	10,635	48,186	22,553	100.0	13.1	59.2	27.7	75,909	73,857	45,208	1,213	839	3,344
Anne Arundel County Public Schools	MD	490,992	17,021	162,425	311,546	100.0	3.5	33.1	63.5	473,226	435,691	253,993	32,767	4,768	6,172
Baltimore City Public School System	MD	696,533	78,621	402,644	215,268	100.0	11.3	57.8	30.9	689,243	670,933	437,655	14,443	3,867	5,915
Baltimore County	MD	681,565	27,500	215,564	438,501	100.0	4.0	31.6	64.3	692,692	635,453	351,370	53,087	4,152	6,404
Carroll County	MD	167,636	4,786	67,832	95,018	100.0	2.9	40.5	56.7	161,778	142,817	86,362	17,057	1,904	5,826
Board of Education, Charles County	MD	150,314	5,304	61,459	83,551	100.0	3.5	40.9	55.6	140,175	125,259	70,659	14,424	492	6,134
Frederick County Board of Education	MD	226,270	6,265	86,160	133,845	100.0	2.8	38.1	59.2	218,787	182,070	111,300	34,337	2,380	5,752
Harford County	MD	215,258	8,298	98,499	108,461	100.0	3.9	45.8	50.4	220,716	203,426	125,431	16,351	939	5,658
Howard County Public Schools System	MD	275,308	4,695	78,956	191,657	100.0	1.7	28.7	69.6	294,428	249,871	150,362	39,604	4,953	6,917
Montgomery County	MD	1,057,931	29,312	190,634	837,985	100.0	2.8	18.0	79.2	1,006,965	914,754	584,113	67,754	24,457	7,813

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Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Table with 16 columns: Name of district, by state; State; Revenue by source of funds, in thousands of dollars (Total, Federal, State, Local); Percentage distribution of revenues (Total, Federal, State, Local); Expenditures, in thousands (Total, Current expenditures: Total, Instruction; Capital outlay; Interest on school debt); Current expenditure per pupil. Rows include districts from Prince George's County Public Schools to Alamance-Burlington.

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands					Current expenditure per pupil ¹
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay	Interest on school debt	
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Buncombe County	NC	128,848	6,650	79,124	43,074	100.0	5.2	61.4	33.4	132,374	115,005	71,395	13,551	3,818	4,803
Cabarrus County	NC	74,030	3,942	47,755	22,333	100.0	5.3	64.5	30.2	69,084	66,761	43,584	552	1,771	4,412
Charlotte-Mecklenburg	NC	452,326	30,524	270,263	151,539	100.0	6.7	59.7	33.5	530,059	445,564	273,901	66,804	17,691	5,180
Cumberland County	NC	230,211	27,162	151,465	51,584	100.0	11.8	65.8	22.4	247,491	219,673	136,977	25,376	2,442	4,394
Davidson County	NC	72,408	3,750	54,181	14,477	100.0	5.2	74.8	20.0	82,743	72,389	46,198	9,405	949	4,186
Durham	NC	158,208	8,778	87,315	62,115	100.0	5.5	55.2	39.3	191,321	155,746	91,615	26,187	9,388	5,589
Forsyth County	NC	211,325	10,991	125,321	75,013	100.0	5.2	59.3	35.5	218,031	205,687	129,289	7,769	4,575	5,200
Gaston County	NC	133,834	8,714	94,428	30,692	100.0	6.5	70.6	22.9	150,840	128,783	84,157	21,565	492	4,408
Guilford County	NC	314,444	17,262	182,642	114,540	100.0	5.5	58.1	36.4	308,367	297,907	182,088	9,367	1,093	5,350
Johnston County	NC	82,818	4,631	55,874	22,313	100.0	5.6	67.5	26.9	80,921	72,642	45,063	7,886	393	4,517
Nash-Rocky Mount	NC	97,759	8,246	54,968	34,545	100.0	8.4	56.2	35.3	85,487	80,623	50,735	4,864	0	4,569
New Hanover County	NC	107,412	7,395	65,499	34,518	100.0	6.9	61.0	32.1	105,459	98,121	60,904	6,711	627	4,709
Onslow County	NC	83,810	7,592	60,862	15,356	100.0	9.1	72.6	18.3	84,616	80,014	49,970	3,994	608	3,957
Pitt County	NC	90,695	8,205	60,993	21,497	100.0	9.0	67.3	23.7	89,390	86,808	54,105	985	1,597	4,536
Randolph County	NC	68,328	3,746	46,840	17,742	100.0	5.5	68.6	26.0	68,143	61,572	39,046	4,497	2,074	4,147
Robeson County	NC	108,671	14,722	77,135	16,814	100.0	13.5	71.0	15.5	108,935	105,600	66,354	2,964	371	4,498
Rowan-Salisbury	NC	83,336	5,508	59,631	18,197	100.0	6.6	71.6	21.8	99,789	82,103	52,459	16,490	1,196	4,499
Union County	NC	4,607	55,998	25,376	55,998	100.0	5.4	65.1	29.5	83,678	78,755	49,368	2,450	2,473	4,477
Wake County	NC	476,673	17,395	236,611	222,667	100.0	3.6	49.6	46.7	442,750	357,563	221,495	68,198	16,989	4,648
Wayne County	NC	85,612	9,813	60,068	15,731	100.0	11.5	70.2	18.4	86,710	82,786	52,435	2,825	1,099	4,471
Akron City	OH	193,978	26,074	86,476	81,428	100.0	13.4	44.6	42.0	191,126	184,315	108,958	5,607	1,204	5,503
Cincinnati City	OH	360,756	45,784	122,397	192,575	100.0	12.7	33.9	53.4	356,031	337,158	207,355	17,852	1,021	6,379
Cleveland City	OH	512,249	68,679	275,610	167,960	100.0	13.4	53.8	32.8	503,318	480,505	281,352	9,056	13,757	6,511
Columbus City	OH	439,538	40,923	151,251	247,364	100.0	9.3	34.4	56.3	420,856	407,461	217,904	8,214	5,181	6,192
Dayton City	OH	201,866	27,099	84,055	90,712	100.0	13.4	41.6	44.9	190,075	185,996	103,954	4,059	20	6,587
South-Western City	OH	106,923	5,738	36,172	65,013	100.0	5.4	33.8	60.8	109,694	91,384	52,214	15,767	2,543	5,156
Toledo City	OH	255,509	26,038	114,503	114,968	100.0	10.2	44.8	45.0	236,539	234,168	133,511	2,037	334	6,001
Edmond	OK	68,106	1,937	35,250	30,919	100.0	2.8	51.8	45.4	70,653	57,865	35,287	9,992	2,796	3,811
Lawton	OK	82,080	9,448	54,500	18,132	100.0	11.5	66.4	22.1	82,179	81,428	46,624	751	0	4,344
Midwest/Del City	OK	74,741	5,579	45,908	23,254	100.0	7.5	61.4	31.1	71,990	66,442	42,120	4,336	1,212	4,217
Moore	OK	76,546	3,362	50,514	22,670	100.0	4.4	66.0	29.6	80,335	71,710	44,824	7,310	1,315	3,995
Oklahoma City	OK	202,182	24,792	106,339	71,051	100.0	12.3	52.6	35.1	238,924	181,466	105,288	51,506	5,952	4,647
Putnam City	OK	85,008	4,147	45,727	35,134	100.0	4.9	53.8	41.3	81,610	74,983	45,613	3,973	2,654	3,973
Tulsa	OK	210,285	18,705	103,750	87,830	100.0	8.9	49.3	41.8	199,579	191,705	103,379	5,212	2,662	4,699
Beaverton	OR	144,538	4,416	54,219	85,903	100.0	3.1	37.5	59.4	142,809	133,172	80,903	4,366	5,271	4,750
Eugene	OR	109,092	7,854	45,079	56,159	100.0	7.2	41.3	51.5	123,295	97,618	61,777	22,664	3,013	5,293
Hillsboro	OR	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portland	OR	366,819	29,766	154,505	182,548	100.0	8.1	42.1	49.8	353,739	344,151	211,968	1,060	8,528	6,275
Salem/Keizer	OR	183,787	10,028	94,815	78,944	100.0	5.5	51.6	43.0	199,530	158,802	98,049	34,654	6,074	5,502
Allentown City	PA	102,836	6,114	33,565	63,157	100.0	5.9	32.6	61.4	89,014	87,510	61,010	380	1,124	5,958
Philadelphia City	PA	1,389,214	163,445	684,446	541,323	100.0	11.8	49.3	39.0	1,102,589	1,065,286	657,215	5,446	31,857	5,104
Pittsburgh	PA	386,767	28,389	143,356	215,022	100.0	7.3	37.1	55.6	341,392	324,832	182,073	12,340	4,220	8,179
Providence	RI	182,183	18,714	98,340	65,129	100.0	10.3	54.0	35.7	173,748	162,140	104,040	7,732	3,876	6,873
Aiken County	SC	114,991	9,169	57,693	48,129	100.0	8.0	50.2	41.9	111,949	97,720	59,640	12,948	1,281	3,959
Berkeley County	SC	119,156	13,120	67,966	38,070	100.0	11.0	57.0	31.9	110,408	106,871	60,914	2,392	1,145	3,899
Charleston County	SC	230,841	23,705	95,809	111,327	100.0	10.3	41.5	48.2	208,343	196,759	117,719	6,423	5,161	4,405
Dorchester	SC	66,592	3,773	36,529	26,290	100.0	5.7	54.9	39.5	63,040	58,716	38,001	1,592	2,732	3,897
Greenville County	SC	270,002	16,883	118,526	134,593	100.0	6.3	43.9	49.8	257,636	232,604	137,748	20,323	4,709	4,302
Horry County	SC	143,102	11,278	48,816	83,008	100.0	7.9	34.1	58.0	133,305	122,782	73,180	6,195	4,328	4,862
Pickens County	SC	69,797	4,090	34,457	31,250	100.0	5.9	49.4	44.8	68,223	62,001	40,612	4,726	1,496	4,094
Richland #2	SC	79,934	4,327	33,677	41,930	100.0	5.4	42.1	52.5	82,194	68,571	41,993	10,835	2,788	4,795
Richland #1	SC	161,203	15,170	58,895	87,138	100.0	9.4	36.5	54.1	156,553	145,535	83,671	8,961	2,057	5,368
Sioux Falls	SD	95,462	5,056	14,918	75,488	100.0	5.3	15.6	79.1	88,337	83,759	52,246	1,247	3,331	4,637
Chattanooga City	TN	102,890	11,761	38,928	52,201	100.0	11.4	37.8	50.7	104,905	92,641	57,815	10,375	1,889	4,576
Hamilton County	TN	105,596	5,153	44,709	55,734	100.0	4.9	42.3	52.8	100,129	95,954	64,831	1,852	2,323	3,978
Knox County	TN	243,518	10,158	97,433	135,927	100.0	4.2	40.0	55.8	235,564	208,616	138,982	23,162	3,786	3,990
Memphis City	TN	529,532	60,884	221,208	247,440	100.0	11.5	41.8	46.7	504,492	480,269	299,223	23,151	1,072	4,421

Table 94.—Revenues and expenditures of public school districts enrolling more than 15,000 pupils, by state: 1994–95—Continued

Name of district, by state	State	Revenue by source of funds, in thousands of dollars				Percentage distribution of revenues				Expenditures, in thousands				Current expenditure per pupil ¹	
		Total	Federal	State	Local	Total	Federal	State	Local	Total	Current expenditures		Capital outlay		Interest on school debt
											Total	Instruction			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Wichita Falls ISD	TX	81,710	6,465	38,277	36,968	100.0	7.9	46.8	45.2	90,590	74,546	46,915	12,670	3,374	4,685
Ysleta ISD	TX	247,465	23,880	157,522	66,063	100.0	9.6	63.7	26.7	254,282	226,021	138,940	24,364	3,897	4,751
Alpine	UT	173,823	7,951	100,157	65,715	100.0	4.6	57.6	37.8	167,404	137,379	92,495	24,001	6,024	3,270
Davis	UT	213,123	17,240	132,101	63,782	100.0	8.1	62.0	29.9	218,288	183,113	116,130	27,121	8,054	3,150
Granite	UT	297,466	20,517	169,658	107,291	100.0	6.9	57.0	36.1	277,059	266,530	176,366	9,564	965	3,391
Jordan	UT	298,781	12,841	160,055	125,885	100.0	4.3	53.6	42.1	324,367	240,330	161,718	77,927	6,110	3,396
Nebo	UT	70,482	3,974	42,595	23,913	100.0	5.6	60.4	33.9	77,324	60,473	40,341	14,002	2,849	3,299
Salt Lake City	UT	133,252	14,327	41,882	77,043	100.0	10.8	51.4	57.8	159,960	111,244	66,656	48,233	483	4,307
Washington	UT	59,880	3,243	34,572	22,065	100.0	5.4	57.7	36.8	65,054	49,903	32,589	12,005	3,146	3,015
Weber	UT	104,324	6,237	66,540	31,547	100.0	6.0	63.8	30.2	94,501	90,980	60,028	405	3,116	3,322
Arlington County	VA	166,942	5,890	12,136	148,916	100.0	3.5	7.3	89.2	173,068	144,609	78,705	25,355	3,104	8,580
Chesapeake City	VA	171,727	8,864	69,322	93,541	100.0	5.2	40.4	54.5	202,703	162,340	102,759	38,735	1,628	4,757
Chesterfield County	VA	257,367	8,531	88,398	160,438	100.0	3.3	34.3	62.3	245,409	216,974	136,741	16,188	12,247	4,516
Fairfax County	VA	987,175	28,527	109,853	848,795	100.0	2.9	11.1	86.0	1,033,853	923,369	565,285	80,484	30,000	6,708
Hampton City	VA	116,991	8,761	48,700	59,530	100.0	7.5	41.6	50.9	110,821	107,512	68,301	3,207	102	4,588
Henrico County	VA	209,069	7,414	56,159	145,496	100.0	3.5	26.9	69.6	211,700	182,093	112,161	23,343	6,264	5,067
Loudoun County	VA	122,914	3,118	12,235	107,561	100.0	2.5	10.0	87.5	135,098	105,335	64,245	27,571	2,192	5,810
Newport News City	VA	168,127	15,013	68,116	84,998	100.0	8.9	40.5	50.6	171,799	148,126	89,765	22,044	1,629	4,583
Norfolk City	VA	217,255	23,346	82,924	110,985	100.0	10.7	38.2	51.1	204,727	191,007	113,035	13,365	355	5,236
Portsmouth City	VA	100,670	11,514	46,695	42,461	100.0	11.4	46.4	42.2	93,535	90,729	52,357	1,799	1,007	5,103
Prince William County	VA	281,102	9,567	87,443	184,092	100.0	3.4	31.1	65.5	275,872	251,258	147,672	19,706	4,908	5,501
Richmond City	VA	201,324	18,320	52,061	130,943	100.0	9.1	25.9	65.0	199,294	189,515	107,495	8,473	1,306	6,833
Spotsylvania County	VA	71,285	2,961	29,584	38,740	100.0	4.2	41.5	54.3	80,106	66,965	41,990	7,370	5,771	4,548
Stafford County	VA	88,814	3,357	30,350	55,107	100.0	3.8	34.2	62.0	95,733	73,713	45,754	17,133	4,887	4,768
Virginia Beach City	VA	386,470	27,304	152,484	206,682	100.0	7.1	39.5	53.5	399,161	350,790	226,169	36,596	11,775	4,620
Bellevue	WA	109,838	2,647	61,194	45,997	100.0	2.4	55.7	41.9	106,788	86,452	48,871	19,133	1,203	5,761
Edmonds	WA	127,542	4,912	85,136	37,494	100.0	3.9	66.8	29.4	129,142	109,953	66,193	14,279	4,910	5,369
Everett	WA	117,134	4,032	77,048	36,054	100.0	3.4	65.8	30.8	117,229	92,285	55,340	16,949	7,995	5,429
Evergreen (Clark)	WA	104,171	3,461	74,425	26,285	100.0	3.3	71.4	25.2	103,648	90,920	54,694	8,884	3,844	5,423
Federal Way	WA	125,403	4,279	86,393	34,731	100.0	3.4	68.9	27.7	120,134	102,262	60,948	12,306	5,566	5,090
Highline	WA	107,130	5,820	72,926	28,384	100.0	5.4	68.1	26.5	103,683	96,139	58,063	4,570	2,974	5,429
Kent	WA	150,661	5,252	96,347	49,062	100.0	3.5	63.9	32.6	158,960	123,970	75,014	25,653	9,337	5,210
Lake Washington	WA	156,135	3,401	95,520	57,214	100.0	2.2	61.2	36.6	135,285	123,445	74,776	3,440	8,400	5,118
Northshore	WA	125,651	2,160	79,439	44,052	100.0	1.7	63.2	35.1	133,272	100,605	63,040	24,390	8,277	5,351
Puyallup	WA	105,151	2,672	69,870	32,609	100.0	2.5	66.4	31.0	99,841	88,713	53,020	5,674	5,454	5,239
Seattle	WA	312,293	26,125	198,562	87,606	100.0	8.4	63.6	28.1	319,121	308,880	172,534	10,101	140	6,633
Spokane	WA	188,123	11,494	130,108	46,521	100.0	6.1	69.2	24.7	181,093	167,855	102,546	9,941	3,297	5,290
Tacoma	WA	221,866	18,254	136,317	67,295	100.0	8.2	61.4	30.3	210,295	199,176	119,161	9,695	1,424	6,271
Vancouver	WA	118,559	6,007	83,673	28,879	100.0	5.1	70.6	24.4	130,397	105,683	62,508	19,545	5,169	5,498
Kanawha County	WV	198,611	15,362	111,230	72,019	100.0	7.7	56.0	36.3	182,157	180,103	115,706	1,294	760	5,444
Green Bay Area	WI	132,386	6,864	57,636	67,886	100.0	5.2	43.5	51.3	127,725	118,840	77,646	5,666	3,219	6,221
Kenosha	WI	119,227	6,448	55,366	57,413	100.0	5.4	46.4	48.2	120,902	109,394	69,060	8,010	3,498	6,142
Madison Metropolitan	WI	205,389	6,307	35,068	164,014	100.0	3.1	17.1	79.9	194,781	186,362	121,856	4,552	3,867	7,490
Milwaukee	WI	730,362	75,760	417,162	237,440	100.0	10.4	57.1	32.5	738,639	712,360	449,289	24,424	1,855	6,922
Racine	WI	152,048	6,850	76,077	69,121	100.0	4.5	50.0	45.5	149,285	142,702	92,932	3,144	3,439	6,495

¹ Current expenditure per pupil based on fall enrollment collected by the Bureau of the Census.
 —ISD=Independent school district.
 —Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and U.S. Department of Commerce, "Survey of Local Government Finances." (This table was prepared December 1998.)

Table 95.—Enrollment of the 130 largest public school districts: Fall 1996

Name of school district	State	Rank order ¹	Enrollment, fall 1996	Name of school district	State	Rank order ¹	Enrollment, fall 1996
1	2	3	4	1	2	3	4
New York City	NY	1	1,063,561	Jefferson Parish	LA	66	55,876
Los Angeles Unified	CA	2	667,305	Oakland Unified	CA	67	53,462
City of Chicago	IL	3	469,098	Arlington ISD	TX	68	53,343
Dade County	FL	4	341,117	Cypress-Fairbanks ISD	TX	69	52,930
Broward County	FL	5	218,608	Lee County	FL	70	52,317
Philadelphia	PA	6	212,150	Santa Ana Unified	CA	71	52,107
Houston ISD	TX	7	209,375	Sacramento City Unified	CA	72	51,240
Hawaii Public Schools	HI	8	187,653	Knox County	TN	73	51,224
Detroit Public Schools	MI	9	182,316	Cumberland County	NC	74	51,035
Clark County	NV	10	179,106	Cincinnati City	OH	75	50,396
Dallas ISD	TX	11	154,847	Chesterfield County	VA	76	49,781
Hillsborough County	FL	12	147,826	Washoe County	NV	77	49,671
Fairfax County	VA	13	143,266	Caddo Parish	LA	78	49,577
Palm Beach County	FL	14	137,585	Prince William County	VA	79	48,333
San Diego City Unified	CA	15	133,687	Anchorage	AK	80	48,109
Orange County School Board	FL	16	129,143	Minneapolis Special	MN	81	47,978
Duval County	FL	17	126,118	Buffalo City	NY	82	47,845
Prince George's County	MD	18	125,198	San Juan Unified	CA	83	47,819
Montgomery County	MD	19	122,505	Seattle	WA	84	47,629
Memphis City	TN	20	111,156	Ysleta ISD	TX	85	47,366
Baltimore City	MD	21	108,759	Aldine ISD	TX	86	47,242
Pinellas County	FL	22	107,060	Fort Bend ISD	TX	87	46,881
Baltimore County	MD	23	104,073	Shelby County	TN	88	46,454
Milwaukee City	WI	24	101,007	Wichita Unified	KS	89	46,391
Charlotte-Mecklenburg	NC	25	93,533	San Bernardino City Unified	CA	90	46,309
Jefferson County	KY	26	91,878	Newark	NJ	91	45,805
DeKalb County	GA	27	90,311	Escambia County	FL	92	45,744
Albuquerque	NM	28	89,092	North East ISD	TX	93	45,184
Gwinnett County	GA	29	88,855	Garland ISD	TX	94	44,869
Jefferson County	CO	30	86,670	Omaha City	NE	95	44,761
Cobb County	GA	31	85,765	Garden Grove Unified	CA	96	44,661
Wake County	NC	32	85,735	St Louis City Board of Education	MO	97	44,620
Orleans Parish	LA	33	85,064	Indianapolis Public Schools	IN	98	44,434
Long Beach Unified	CA	34	83,038	St. Paul Independent	MN	99	43,766
D.C. Public Schools	DC	35	78,648	Alpine	UT	100	43,719
Fresno Unified	CA	36	78,470	Pasco County School Board	FL	101	43,461
Virginia Beach City	VA	37	76,677	Charleston County	SC	102	43,457
Granite	UT	38	76,456	Forsyth County-Winston-Salem	NC	103	41,851
Austin ISD	TX	39	76,054	Jefferson County	AL	104	41,663
Fort Worth ISD	TX	40	75,813	Clayton County	GA	105	41,658
Polk County	FL	41	74,808	Tulsa	OK	106	41,644
Cleveland City	OH	42	74,026	Corpus Christi	TX	107	41,606
Jordan	UT	43	72,748	Birmingham City	AL	108	41,133
Anne Arundel County	MD	44	72,322	Plano ISD	TX	109	40,864
Mesa Unified	AZ	45	70,181	Pasadena ISD	TX	110	40,512
Nashville-Davidson County	TN	46	69,888	Brownsville ISD	TX	111	40,494
Brevard County	FL	47	66,663	Pittsburgh City	PA	112	39,955
Denver	CO	48	66,331	Anoka-Hennepin	MN	113	39,874
Mobile County	AL	49	64,833	Oklahoma City	OK	114	39,827
El Paso ISD	TX	50	64,444	Toledo City	OH	115	39,712
Columbus City	OH	51	63,894	Howard County	MD	116	38,857
Boston City	MA	52	63,239	Kansas City	MO	117	38,521
Tucson Unified	AZ	53	62,867	Alief ISD	TX	118	38,383
East Baton Rouge Parish	LA	54	61,499	Henrico County	VA	119	38,102
San Antonio ISD	TX	55	61,361	Rochester City	NY	120	37,912
San Francisco Unified	CA	56	61,174	Elk Grove Unified	CA	121	37,787
Atlanta Public Schools	GA	57	60,064	Harford County	MD	122	37,709
Fulton County	GA	58	59,953	Norfolk City Schools	VA	123	37,672
Northside ISD	TX	59	59,284	Capistrano Unified	CA	124	37,539
Davis County	UT	60	59,220	Cherry Creek	CO	125	37,128
Guilford County	NC	61	58,736	Richmond County	GA	126	36,826
Volusia County	FL	62	58,004	Chatham County	GA	127	36,382
Portland	OR	63	56,856	Marion County	FL	128	36,242
Seminole County	FL	64	55,972	Mt. Diablo Unified	CA	129	35,834
Greenville County	SC	65	55,893	Calcasieu Parish School Board	LA	130	35,782

¹ Public school districts ranked by size of enrollment in fall 1996.
ISD=Independent School District.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared December 1998.)

Table 96.—Public elementary and secondary schools, by type of school: 1967–68 to 1996–97

Year	Total, all public schools	Schools with reported grade spans										Other schools ⁷	
		Total ¹	Elementary schools				Secondary schools						Combined elementary/secondary schools ⁶
			Total ²	Middle schools ³	One-teacher schools	Other elementary schools	Total ⁴	Junior high ⁵	3-year or 4-year high schools	5-year or 6-year high schools	Other secondary schools		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1967–68	—	94,197	67,186	—	4,146	63,040	23,318	7,437	10,751	4,650	480	3,693	—
1970–71	—	89,372	64,020	2,080	1,815	60,125	23,572	7,750	11,265	3,887	670	1,780	—
1972–73	—	88,864	62,942	2,308	1,475	59,159	23,919	7,878	11,550	3,962	529	2,003	—
1974–75	—	87,456	61,759	3,224	1,247	57,288	23,837	7,690	11,480	4,122	545	1,860	—
1975–76	88,597	87,034	61,704	3,916	1,166	56,622	23,792	7,521	11,572	4,113	586	1,538	1,563
1976–77	—	86,501	61,123	4,180	1,111	55,832	23,857	7,434	11,658	4,130	635	1,521	—
1978–79	—	84,816	60,312	5,879	1,056	53,377	22,834	6,282	11,410	4,429	713	1,670	—
1980–81	85,982	83,688	59,326	6,003	921	52,402	22,619	5,890	10,758	4,193	1,778	1,743	2,294
1982–83	84,740	82,039	58,051	6,875	798	50,378	22,383	5,948	11,678	4,067	690	1,605	2,701
1983–84	84,178	81,418	57,471	6,885	838	49,748	22,336	5,936	11,670	4,046	684	1,611	2,760
1984–85	84,007	81,147	57,231	6,893	825	49,513	22,320	5,916	11,671	4,021	712	1,596	2,860
1986–87	83,455	82,190	58,801	7,452	763	50,586	21,406	5,142	11,453	4,197	614	1,983	⁸ 1,265
1987–88	83,248	81,416	57,575	7,641	729	49,205	21,662	4,900	11,279	4,048	1,435	2,179	⁸ 1,832
1988–89	83,165	81,579	57,941	7,957	583	49,401	21,403	4,687	11,350	3,994	1,372	2,235	⁸ 1,586
1989–90	83,425	81,880	58,419	8,272	630	49,517	21,181	4,512	11,492	3,812	1,365	2,280	⁸ 1,545
1990–91	84,538	82,475	59,015	8,545	617	49,853	21,135	4,561	11,537	3,723	1,314	2,325	2,063
1991–92	84,578	82,506	59,258	8,829	569	49,860	20,767	4,298	11,528	3,699	1,242	2,481	2,072
1992–93	84,497	82,896	59,676	9,152	430	50,094	20,671	4,115	11,651	3,613	1,292	2,549	1,601
1993–94	85,393	83,431	60,052	9,573	442	50,037	20,705	3,970	11,858	3,595	1,282	2,674	1,962
1994–95	86,221	84,476	60,808	9,954	458	50,396	20,904	3,859	12,058	3,628	1,359	2,764	1,745
1995–96	87,125	84,958	61,165	10,205	474	50,486	20,997	3,743	12,168	3,621	1,465	2,796	2,167
1996–97	88,223	86,092	61,805	10,499	487	50,819	21,307	3,707	12,424	3,614	1,562	2,980	2,131

¹ Excludes special education, alternative, and other schools not classified by grade span.
² Includes schools beginning with grade 6 or below and with no grade higher than 8.
³ Includes schools with grade spans beginning with 4, 5, or 6 and ending with grade 6, 7, or 8.
⁴ Includes schools with no grade lower than 7.
⁵ Includes schools with grades 7 and 8 or grades 7 through 9.
⁶ Includes schools beginning with grade 6 or lower and ending with grade 9 or above.
⁷ Includes special education, alternative, and other schools not classified by grade span.

⁸ Because of revision in data collection procedures, figures not comparable to data for other years.
 —Data not available.
 NOTE.—Some data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and Common Core of Data surveys. (This table was prepared August 1998.)

Table 97.—Public elementary and secondary schools, by type and size of school: 1996–97

Enrollment size of school	Number of schools, by type						Enrollment, by type of school ¹					
	Total ²	Elementary ³	Secondary ⁴		Combined elementary/secondary ⁵	Other ²	Total ²	Elementary ³	Secondary ⁴		Combined elementary/secondary ⁵	Other ²
			All schools	Regular schools ⁶					All schools	Regular schools ⁶		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	88,223	61,805	21,307	18,207	2,980	2,131	45,364,791	29,572,370	14,564,205	14,138,959	1,151,966	76,250
Percent ⁷	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Under 100	9.22	5.98	14.26	8.03	31.54	60.04	0.82	0.60	0.96	0.59	3.59	19.40
100 to 199	9.43	8.70	10.54	9.66	15.23	18.65	2.68	2.75	2.20	1.84	5.68	19.33
200 to 299	11.27	12.21	8.61	8.66	10.27	10.83	5.39	6.47	3.04	2.78	6.44	19.31
300 to 399	13.20	15.38	7.66	8.07	7.79	6.04	8.75	11.24	3.80	3.63	7.02	15.12
400 to 499	13.24	15.79	6.90	7.52	6.51	1.95	11.27	14.81	4.40	4.34	7.53	6.34
500 to 599	11.77	13.83	6.66	7.29	6.51	0.53	12.23	15.83	5.20	5.16	9.20	2.07
600 to 699	8.78	9.87	6.24	6.88	5.57	0.00	10.78	13.33	5.76	5.74	9.33	0.00
700 to 799	6.15	6.64	5.21	5.79	3.46	0.36	8.71	10.36	5.55	5.59	6.72	1.98
800 to 999	7.41	7.13	8.76	9.85	5.23	0.53	12.47	13.16	11.15	11.35	12.14	3.38
1,000 to 1,499	6.22	3.96	13.30	14.92	4.87	0.71	14.08	9.60	23.13	23.50	15.15	6.49
1,500 to 1,999	2.00	0.41	6.82	7.66	1.88	0.18	6.51	1.42	16.71	16.99	8.35	2.05
2,000 to 2,999	1.11	0.08	4.26	4.81	0.84	0.00	4.96	0.39	14.27	14.57	5.11	0.00
3,000 or more	0.20	0.00	0.76	0.86	0.30	0.18	1.36	0.04	3.84	3.94	3.75	4.51
Average enrollment ⁷	527	478	703	777	387	135	527	478	703	777	387	135

¹ These enrollment data should be regarded as approximations only. Totals differ from those reported in other tables because this table represents data reported by schools rather than by states or school districts. Percent distribution and average enrollment calculations exclude data for schools not reporting enrollment.
² Includes special education, alternative, and other schools not classified by grade span.
³ Includes schools beginning with grade 6 or below and with no grade higher than 8.
⁴ Includes schools with no grade lower than 7.

⁵ Includes schools beginning with grade 6 or below and ending with grade 9 or above.
⁶ Excludes special education schools, vocational schools, and alternative schools.
⁷ Data are for schools reporting their enrollment size.
 NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared August 1998.)

Table 98.—Public elementary and secondary schools, by type and state: 1990–91 to 1996–97

State or other area	Total, all schools, 1990–91	Total, all schools, 1994–95	Total, all schools, 1995–96	Number of schools, 1996–97									
				Total	Elementary ¹	Secondary ²	Combined elementary/secondary ³				Other ⁴	Alternative ⁵	Special education ⁵
							Total	Pre-kindergarten, kindergarten, or 1st grade to grade 12	Other schools ending with grade 12	Other combined schools			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	84,538	86,221	87,125	88,223	61,805	21,307	2,980	1,568	773	639	2,131	3,428	2,058
Alabama	1,297	1,309	1,319	1,345	874	304	162	126	18	18	5	21	19
Alaska	498	498	495	497	191	89	205	153	7	45	12	35	3
Arizona	1,049	1,136	1,133	1,340	934	299	32	15	7	10	75	63	16
Arkansas	1,098	1,073	1,098	1,104	680	415	9	7	1	1	0	0	0
California	7,913	7,821	7,876	7,984	5,835	1,886	191	123	56	12	72	777	127
Colorado	1,344	1,460	1,486	1,531	1,079	354	30	9	11	10	68	105	13
Connecticut	985	1,045	1,045	1,027	782	201	37	15	4	18	7	35	23
Delaware	173	182	181	183	120	44	19	13	2	4	0	3	28
District of Columbia	181	175	186	184	129	39	3	0	0	3	13	8	10
Florida	2,516	2,733	2,760	2,801	1,969	466	357	190	83	84	9	278	102
Georgia	1,734	1,767	1,763	1,798	1,420	308	70	19	42	9	0	0	0
Hawaii	235	242	246	249	189	47	13	6	3	4	0	1	4
Idaho	582	608	618	629	393	208	23	15	4	4	5	50	17
Illinois	4,239	4,195	4,142	4,185	3,076	983	112	58	30	24	14	74	247
Indiana	1,915	1,912	1,924	1,929	1,410	451	32	14	15	3	36	40	42
Iowa	1,588	1,554	1,556	1,552	1,071	444	29	4	22	3	8	33	14
Kansas	1,477	1,491	1,487	1,464	1,028	425	8	2	3	3	3	17	1
Kentucky	1,400	1,374	1,402	1,407	974	361	7	0	1	6	65	54	8
Louisiana	1,533	1,459	1,470	1,477	1,007	319	124	88	17	19	27	58	39
Maine	747	733	726	721	546	159	12	10	1	1	4	0	1
Maryland	1,220	1,263	1,276	1,286	1,043	217	19	12	3	4	7	30	48
Massachusetts	1,842	1,831	1,850	1,856	1,471	335	30	17	8	5	20	30	7
Michigan	3,313	3,432	3,748	3,853	2,530	821	102	43	39	20	400	135	203
Minnesota	1,590	2,100	2,157	2,116	1,100	624	72	14	30	28	320	508	111
Mississippi	972	1,018	1,011	1,011	569	307	74	61	10	3	57	40	0
Missouri	2,199	2,234	2,256	2,291	1,494	629	33	7	18	8	135	60	67
Montana	900	899	894	892	526	366	0	0	0	0	0	3	2
Nebraska	1,506	1,419	1,411	1,396	999	360	20	8	6	6	17	0	63
Nevada	354	421	423	442	327	100	8	2	5	1	7	23	13
New Hampshire	439	458	460	512	411	100	1	0	0	1	0	0	0
New Jersey	2,272	2,295	2,279	2,279	1,770	427	7	1	4	2	75	0	79
New Mexico	681	715	721	732	541	181	3	0	1	2	7	27	17
New York	4,010	4,130	4,149	4,172	3,004	919	148	82	47	19	101	71	88
North Carolina	1,955	1,968	1,985	2,005	1,544	399	59	32	14	13	3	51	25
North Dakota	663	623	613	609	349	222	5	2	2	1	33	0	31
Ohio	3,731	3,812	3,865	3,876	2,718	958	115	44	17	54	85	19	37
Oklahoma	1,880	1,824	1,830	1,828	1,220	598	0	0	0	0	10	0	15
Oregon	1,199	1,213	1,216	1,222	913	257	48	34	10	4	4	42	15
Pennsylvania	3,260	3,190	3,182	3,178	2,344	791	29	7	12	10	14	11	11
Rhode Island	309	308	310	316	255	57	2	2	0	0	2	3	4
South Carolina	1,097	1,094	1,095	1,088	796	277	15	5	10	0	0	15	10
South Dakota	802	827	824	832	508	309	0	0	0	0	15	11	13
Tennessee	1,543	1,554	1,563	1,565	1,127	350	53	35	8	10	35	12	19
Texas	5,991	6,465	6,638	6,875	4,654	1,790	431	203	120	108	0	389	224
Utah	714	728	735	742	479	234	16	5	7	4	13	42	23
Vermont	397	394	384	395	270	69	22	16	6	0	34	1	60
Virginia	1,811	1,851	1,889	1,895	1,395	393	22	3	13	6	85	63	57
Washington	1,936	2,064	2,124	2,180	1,324	542	110	47	33	30	204	132	71
West Virginia	1,015	883	877	869	622	208	22	11	1	10	17	14	12
Wisconsin	2,018	2,030	2,037	2,096	1,508	547	37	8	20	9	4	36	14
Wyoming	415	411	410	411	287	118	2	0	2	0	4	8	5
Department of Defense dependents schools .	—	—	171	165	109	41	15	11	3	1	0	0	0
Outlying areas													
American Samoa	30	31	31	31	24	6	0	0	0	0	1	0	1
Guam	35	35	35	35	30	5	0	0	0	0	0	0	0
Northern Marianas	26	25	24	26	22	4	0	0	0	0	0	0	0
Puerto Rico	1,619	1,566	1,561	1,555	960	365	196	1	1	194	34	9	22
Virgin Islands	33	32	34	35	23	11	1	0	0	1	0	1	0

¹ Includes schools beginning with grade 6 or below and with no grade higher than 8.

² Includes schools with no grade lower than 7.

³ Includes schools beginning with grade 6 or below and ending with grade 9 or above.

⁴ Includes special education, alternative, and other schools not classified by grade span.

⁵ Schools are also included under elementary, secondary, combined, or other as appropriate.

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared August 1998.)

Table 99.—Public elementary schools, by grade span and average school size, by state: 1996–97

State or other area	Total, all elementary schools	Total, all regular elementary schools ¹	Schools, by grade span						Average number of students per school ²	
			Prekinder- garten, or 1st grade to grades 3 or 4	Prekinder- garten, kindergarten, or 1st grade to grade 5	Prekinder- garten, kindergarten, or 1st grade to grade 6	Prekinder- garten, kin- dergarten, or 1st grade to grade 8	Grades 4, 5, or 6 to 6, 7, or 8	Other grade spans	All elementary schools	Regular elementary schools ¹
1	2	3	4	5	6	7	8	9	10	11
United States	61,805	60,912	4,910	20,570	15,578	4,543	10,499	5,705	478	483
Alabama	874	862	87	251	194	79	177	86	489	495
Alaska	191	190	5	27	108	20	16	15	357	358
Arizona	934	912	53	204	291	172	128	86	560	568
Arkansas	680	680	93	68	352	7	95	65	394	394
California	5,835	5,787	175	1,872	2,240	569	741	238	629	633
Colorado	1,079	1,077	35	504	231	19	209	81	422	422
Connecticut	782	775	81	306	142	40	142	71	465	468
Delaware	120	112	39	15	10	3	29	24	567	601
District of Columbia	129	128	8	13	87	4	12	5	413	415
Florida	1,969	1,911	26	1,233	191	33	384	102	783	801
Georgia	1,420	1,420	30	757	129	22	297	185	661	661
Hawaii	189	188	0	34	126	7	17	5	623	627
Idaho	393	387	32	86	166	15	56	38	365	370
Illinois	3,076	2,978	325	551	648	725	466	361	427	438
Indiana	1,410	1,392	65	578	421	29	233	84	445	450
Iowa	1,071	1,062	123	316	263	20	209	140	288	290
Kansas	1,028	1,022	74	299	265	129	168	93	290	291
Kentucky	974	963	57	400	225	92	175	25	423	427
Louisiana	1,007	984	112	287	211	75	209	113	494	497
Maine	546	545	78	84	88	110	92	94	262	262
Maryland	1,043	1,002	17	591	165	21	193	56	551	566
Massachusetts	1,471	1,462	211	478	258	78	246	200	437	437
Michigan	2,530	2,492	208	984	556	71	453	258	433	435
Minnesota	1,100	972	137	222	434	33	142	132	434	478
Mississippi	569	569	82	92	136	51	113	95	522	522
Missouri	1,494	1,481	104	488	370	106	268	158	392	395
Montana	526	525	33	79	244	66	41	63	187	187
Nebraska	999	961	55	124	465	156	63	136	172	178
Nevada	327	319	13	140	89	15	43	27	595	608
New Hampshire	411	411	49	82	79	48	65	88	329	329
New Jersey	1,770	1,764	270	432	297	261	306	204	456	457
New Mexico	541	530	30	193	157	4	100	57	399	404
New York	3,004	3,001	277	984	739	81	540	383	614	614
North Carolina	1,544	1,534	83	721	190	112	331	107	548	550
North Dakota	349	349	13	26	227	44	17	22	190	190
Ohio	2,718	2,701	329	809	776	81	483	240	425	427
Oklahoma	1,220	1,210	52	357	199	295	212	105	340	341
Oregon	913	891	59	390	179	78	162	45	382	389
Pennsylvania	2,344	2,343	292	823	620	61	395	153	488	488
Rhode Island	255	254	36	78	67	4	38	32	399	399
South Carolina	796	792	90	334	91	20	198	63	544	546
South Dakota	508	505	25	105	138	98	77	65	178	179
Tennessee	1,127	1,124	119	314	221	220	183	70	515	515
Texas	4,654	4,550	475	1,733	764	92	1,039	551	547	556
Utah	479	475	10	100	311	4	36	18	548	550
Vermont	270	248	18	20	119	63	16	34	237	254
Virginia	1,395	1,389	80	713	163	7	282	150	533	535
Washington	1,324	1,286	72	450	454	56	196	96	452	462
West Virginia	622	618	57	186	228	37	87	27	296	298
Wisconsin	1,508	1,493	97	568	334	103	272	134	371	374
Wyoming	287	286	19	69	120	7	47	25	201	201
Department of Defense dependents schools ..	109	109	7	25	53	10	14	0	503	503
Outlying areas										
American Samoa	24	24	1	0	0	21	1	1	473	473
Guam	30	30	0	21	0	0	6	3	839	839
Northern Marianas	22	22	0	0	10	0	0	12	266	266
Puerto Rico	960	959	96	24	759	4	35	42	306	306
Virgin Islands	23	23	0	0	23	0	0	0	512	512

¹ Excludes special education and alternative schools.² Average for schools reporting enrollment data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared August 1998.)

NOTE.—Includes schools beginning with grade 6 or below and with no grade higher than 8. Excludes schools not reported by grade level, such as some special education schools for the disabled.

Table 100.—Public secondary schools, by grade span and average school size, by state: 1996–97

State or other area	Total, all secondary schools	Total, all regular secondary schools ¹	Schools, by grade span							Vocational schools ²	Average number of students per school ³	
			Grades 7 to 8 and 7 to 9	Grades 7 to 12	Grades 8 to 12	Grades 9 to 12	Grades 10 to 12	Other spans ending with grade 12	Other grade spans		All secondary schools	Regular secondary schools ¹
			4	5	6	7	8	9	10		11	12
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	21,307	18,207	3,707	3,123	491	11,619	805	183	1,379	905	703	777
Alabama	304	288	37	71	11	164	10	1	10	3	688	722
Alaska	89	71	17	21	3	41	0	0	7	6	481	565
Arizona	299	265	78	20	3	172	7	1	18	6	887	960
Arkansas	415	414	75	205	4	51	60	0	20	1	448	444
California	1,886	1,268	416	95	43	1,148	96	15	73	0	972	1,373
Colorado	354	301	49	63	2	212	11	2	15	6	595	672
Connecticut	201	170	30	11	2	157	1	0	0	17	772	849
Delaware	44	35	10	3	0	30	0	0	1	5	916	990
District of Columbia	39	35	14	0	0	19	3	0	3	0	551	603
Florida	466	318	25	49	19	273	18	15	67	32	1,121	1,612
Georgia	308	308	24	12	22	245	2	0	3	0	1,154	1,154
Hawaii	47	44	12	9	1	23	0	0	2	0	1,339	1,426
Idaho	208	161	44	40	2	90	23	1	8	0	474	593
Illinois	983	824	209	52	27	606	14	30	45	26	652	737
Indiana	451	410	73	104	1	234	6	1	32	27	808	833
Iowa	444	415	66	107	1	254	11	2	3	0	403	423
Kansas	425	417	65	70	4	268	11	5	2	0	388	394
Kentucky	361	314	41	59	9	211	5	1	35	11	613	681
Louisiana	319	284	62	52	10	184	5	2	4	10	765	819
Maine	159	132	22	13	2	93	1	0	28	27	509	509
Maryland	217	185	28	7	1	169	2	2	8	11	1,081	1,198
Massachusetts	335	276	41	42	15	223	5	3	6	45	797	843
Michigan	821	707	120	104	27	472	20	6	72	59	677	730
Minnesota	624	416	72	224	38	182	47	18	43	12	490	697
Mississippi	307	220	37	46	7	110	13	1	93	87	693	693
Missouri	629	560	58	197	5	275	18	2	74	61	526	534
Montana	366	362	190	0	0	174	1	0	1	0	181	182
Nebraska	360	354	42	214	5	85	11	1	2	0	331	336
Nevada	100	79	16	18	4	53	2	2	5	3	871	1,030
New Hampshire	100	100	23	0	0	75	2	0	0	0	626	626
New Jersey	427	382	70	37	10	254	3	2	51	44	887	936
New Mexico	181	158	41	27	3	94	8	0	8	0	630	704
New York	919	834	124	179	15	528	26	2	45	24	964	990
North Carolina	399	361	54	23	7	288	13	1	13	8	883	956
North Dakota	222	215	20	148	4	34	6	1	9	7	246	246
Ohio	958	864	183	134	32	509	17	2	81	81	723	738
Oklahoma	598	597	116	0	0	383	76	4	19	0	340	341
Oregon	257	240	43	23	7	177	4	0	3	0	684	725
Pennsylvania	791	705	112	177	17	354	44	7	80	82	866	872
Rhode Island	57	51	13	3	0	38	1	0	2	3	863	938
South Carolina	277	224	36	21	7	158	4	0	51	41	868	912
South Dakota	309	296	113	2	0	187	0	2	5	4	173	175
Tennessee	350	312	54	42	4	208	12	4	26	27	835	866
Texas	1,790	1,440	312	196	45	1,030	37	28	142	23	672	815
Utah	234	193	80	30	11	45	53	3	12	2	906	1,070
Vermont	69	53	6	24	0	25	0	0	14	14	621	644
Virginia	393	322	38	9	42	236	8	0	60	49	993	1,050
Washington	542	427	122	52	14	269	43	10	32	8	651	795
West Virginia	208	171	49	24	1	81	18	1	34	32	615	636
Wisconsin	547	519	85	63	3	363	18	5	10	0	559	584
Wyoming	118	110	40	1	1	65	9	0	2	1	349	367
Department of Defense dependents schools ..	41	41	3	26	0	12	0	0	0	0	465	465
Outlying areas												
American Samoa	6	5	0	0	0	6	0	0	0	1	558	613
Guam	5	5	0	0	0	5	0	0	0	0	1,635	1,635
Northern Marianas	4	4	1	2	0	1	0	0	0	0	799	799
Puerto Rico	365	338	172	32	0	2	135	0	24	26	633	636
Virgin Islands	11	9	6	0	0	4	0	0	1	1	1,012	1,118

¹ Excludes vocational, special education, and alternative schools.

² Vocational schools are also included under appropriate grade span.

³ Average for schools reporting enrollment data.

NOTE.—Includes schools with no grade lower than 7. Excludes schools not reported by level, such as special education schools for the disabled.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared August 1998.)

**Table 101.—High school graduates compared with population 17 years of age, by sex and control of school:
1869–70 to 1997–98**
[Numbers in thousands]

School year	Population 17 years old ¹	High school graduates					Graduates as a percent of 17-year-old population
		Total ²	Sex		Control		
			Male	Female	Public ³	Private ⁴	
1	2	3	4	5	6	7	8
1869–70	815	16	7	9	—	—	2.0
1879–80	946	24	11	13	—	—	2.5
1889–90	1,259	44	19	25	22	22	3.5
1899–1900	1,489	95	38	57	62	33	6.4
1909–10	1,786	156	64	93	111	45	8.8
1919–20	1,855	311	124	188	231	80	16.8
1929–30	2,296	667	300	367	592	75	29.0
1939–40	2,403	1,221	579	643	1,143	78	50.8
1947–48	2,261	1,190	563	627	1,073	117	52.6
1949–50	2,034	1,200	571	629	1,063	136	59.0
1951–52	2,086	1,197	569	627	1,056	141	57.4
1953–54	2,135	1,276	613	664	1,129	147	59.8
1955–56	2,242	1,415	680	735	1,252	163	63.1
1956–57	2,272	1,434	690	744	1,270	164	63.1
1957–58	2,325	1,506	725	781	1,332	174	64.8
1958–59	2,458	1,627	784	843	1,435	192	66.2
1959–60	2,672	1,858	895	963	1,627	231	69.5
1960–61	2,892	1,964	955	1,009	1,725	239	67.9
1961–62	2,768	1,918	938	980	1,678	240	69.3
1962–63	2,740	1,943	956	987	1,710	233	70.9
1963–64	2,978	2,283	1,120	1,163	2,008	275	76.7
1964–65	3,684	2,658	1,311	1,347	2,360	298	72.1
1965–66	3,489	2,665	1,323	1,342	2,367	298	76.4
1966–67	3,500	2,672	1,328	1,344	2,374	298	76.3
1967–68	3,532	2,695	1,338	1,357	2,395	300	76.3
1968–69	3,659	2,822	1,399	1,423	2,522	300	77.1
1969–70	3,757	2,889	1,430	1,459	2,589	300	76.9
1970–71	3,872	2,938	1,454	1,484	2,638	300	75.9
1971–72	3,973	3,002	1,487	1,515	2,700	302	75.6
1972–73	4,049	3,035	1,500	1,535	2,729	306	75.0
1973–74	4,132	3,073	1,512	1,561	2,763	310	74.4
1974–75	4,256	3,133	1,542	1,591	2,823	310	73.6
1975–76	4,272	3,148	1,552	1,596	2,837	311	73.7
1976–77	4,272	3,152	1,548	1,604	2,837	315	73.8
1977–78	4,286	3,127	1,531	1,596	2,825	302	73.0
1978–79	4,327	3,101	1,517	1,584	2,801	300	71.7
1979–80	4,262	3,043	1,491	1,552	2,748	295	71.4
1980–81	4,212	3,020	1,483	1,537	2,725	295	71.7
1981–82	4,134	2,995	1,471	1,524	2,705	290	72.4
1982–83	3,962	2,888	1,437	1,451	2,598	290	72.9
1983–84	3,784	2,767	—	—	2,495	272	73.1
1984–85	3,699	2,677	—	—	2,414	263	72.4
1985–86	3,670	2,643	—	—	2,383	260	72.0
1986–87	3,754	2,694	—	—	2,429	265	71.8
1987–88	3,849	2,773	—	—	2,500	273	72.1
1988–89	3,842	2,727	—	—	2,459	268	71.0
1989–90	3,505	2,586	—	—	2,320	266	73.8
1990–91	3,421	2,503	—	—	2,235	268	73.2
1991–92	3,391	2,482	—	—	2,226	256	73.2
1992–93	3,447	2,490	—	—	2,233	257	72.2
1993–94	3,459	2,479	—	—	2,221	258	71.7
1994–95	3,588	2,538	—	—	2,274	264	70.7
1995–96	3,641	2,548	—	—	2,281	267	70.0
1996–97 ⁵	3,773	2,623	—	—	2,360	267	69.6
1997–98 ⁵	3,923	2,708	—	—	2,433	275	69.0

¹ Derived from *Current Population Reports*, Series P-25. 17-year-old population adjusted to reflect October 17-year-old population.

² Includes graduates of public and private schools.

³ Data for 1929–30 and preceding years are from *Statistics of Public High Schools* and exclude graduates of high schools which failed to report to the Office of Education.

⁴ For most years, private school data have been estimated based on periodic private school surveys. For years through 1957–58, private includes data for subcollegiate departments of institutions of higher education and residential schools for exceptional children.

⁵ Public high school graduates based on state estimates.

—Data not available.

NOTE.—Includes graduates of regular day school programs. Excludes graduates of other programs, when separately reported, and recipients of high school equivalency certificates. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of Public High Schools; Biennial Survey of Education in the United States; Statistics of State School Systems; Statistics of Nonpublic Elementary and Secondary Schools; Projections of Education Statistics*; Common Core of Data surveys; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, Series P-25*. (This table was prepared June 1998.)

Table 102.—Public high school graduates, by state: 1969–70 to 1997–98

State	1969–70	1979–80	1980–81	1985–86	1990–91	1993–94	1994–95	1995–96	Estimated 1996–97 ¹	Estimated 1997–98	Percent change, 1990–91 to 1997–98
1	2	3	4	5	6	7	8	9	10	11	12
United States	2,588,639	2,747,678	2,725,285	2,382,616	2,234,893	2,220,849	2,273,541	2,281,317	2,359,572	2,433,373	8.9
Alabama	45,286	45,190	44,894	39,620	39,042	34,447	36,268	35,043	³ 34,726	35,264	-9.7
Alaska	3,297	5,223	5,343	5,464	5,458	5,747	5,765	5,945	⁴ 5,984	6,092	11.6
Arizona	22,040	28,633	28,416	27,533	31,282	31,799	30,989	30,008	⁴ 32,886	⁴ 36,128	15.5
Arkansas	26,068	29,052	29,577	26,227	25,668	24,990	24,636	25,094	⁴ 25,669	⁴ 25,853	0.7
California	260,908	249,217	242,172	229,026	234,164	253,083	255,200	259,071	269,294	282,678	20.7
Colorado	30,312	36,804	35,897	32,621	31,293	31,867	32,409	32,608	³ 34,221	34,688	10.8
Connecticut	34,755	37,683	38,369	33,571	27,290	26,330	26,445	26,319	26,850	28,814	5.6
Delaware	6,985	7,582	7,349	5,791	5,223	5,230	5,234	5,609	³ 5,623	5,879	12.6
District of Columbia ⁵	4,980	4,959	4,848	3,875	3,369	3,207	2,974	2,696	⁴ 2,709	⁴ 2,729	-19.0
Florida	70,478	87,324	88,755	83,029	87,419	88,032	89,827	89,242	³ 92,267	95,397	9.1
Georgia	56,859	61,621	62,963	59,082	60,088	56,356	56,660	56,271	61,004	62,956	4.8
Hawaii	10,407	11,493	11,472	9,958	8,974	9,369	9,407	9,387	⁴ 9,595	9,779	9.0
Idaho	12,296	13,187	12,679	12,059	11,961	13,281	14,198	14,667	14,900	15,100	26.2
Illinois	126,864	135,579	136,795	114,319	103,329	102,126	105,164	110,486	³ 110,186	113,860	10.2
Indiana	69,984	73,143	73,381	59,817	57,892	54,650	56,058	56,368	56,569	58,187	0.5
Iowa	44,063	43,445	42,635	34,279	28,593	30,247	31,268	31,689	32,735	33,816	18.3
Kansas	33,394	30,890	29,397	25,587	24,414	25,319	26,125	25,786	26,726	27,755	13.7
Kentucky	37,473	41,203	41,714	37,288	35,835	38,454	37,626	36,641	⁴ 37,146	⁴ 37,009	3.3
Louisiana	43,641	46,297	46,199	39,965	33,489	34,822	36,480	36,467	³ 36,727	⁴ 36,943	10.3
Maine	14,003	15,445	15,554	13,006	13,151	11,384	11,501	11,795	³ 12,405	12,587	-4.3
Maryland	46,462	54,270	54,050	46,700	39,014	39,091	41,387	41,785	³ 43,365	43,863	12.4
Massachusetts	63,865	73,802	74,831	60,360	50,216	47,453	47,679	47,993	48,933	49,911	-0.6
Michigan	121,000	124,316	124,372	101,042	88,234	83,385	84,628	85,530	88,000	93,700	6.2
Minnesota	60,480	64,908	64,166	51,988	46,474	47,514	49,354	50,481	52,340	54,940	18.2
Mississippi	29,653	27,586	28,083	25,134	23,665	23,379	23,837	23,032	23,255	24,233	2.4
Missouri	55,315	62,265	60,359	49,204	46,928	46,566	48,862	48,870	³ 50,223	51,920	10.6
Montana	11,520	12,135	11,634	9,761	9,013	9,601	10,134	10,139	10,320	10,637	18.0
Nebraska	21,280	22,410	21,411	17,845	16,500	17,072	17,969	18,014	19,183	20,263	22.8
Nevada	5,449	8,473	9,069	8,784	9,370	9,485	10,038	10,374	³ 11,299	11,610	23.9
New Hampshire	8,516	11,722	11,552	10,648	10,059	9,933	10,145	10,094	9,398	9,320	-7.3
New Jersey	86,498	94,564	93,168	78,781	67,003	66,125	67,403	⁴ 67,516	⁴ 69,715	⁴ 72,247	7.8
New Mexico	16,060	18,424	17,915	15,468	15,157	14,892	14,928	15,402	15,700	15,400	1.6
New York	190,000	204,064	198,465	162,165	133,562	132,708	132,401	135,569	137,600	140,500	5.2
North Carolina	68,886	70,862	69,395	65,865	62,792	57,738	59,540	57,014	³ 57,886	59,438	-5.3
North Dakota	11,150	9,928	9,924	7,610	7,573	7,522	7,817	8,027	³ 7,990	8,145	7.6
Ohio	142,248	144,169	143,503	119,561	107,484	107,700	109,418	103,435	106,924	109,000	1.4
Oklahoma	36,293	39,305	38,875	34,452	33,007	31,872	33,319	33,060	33,224	33,577	1.7
Oregon	32,236	29,939	28,729	26,286	24,597	26,338	26,713	26,570	³ 27,799	27,700	12.6
Pennsylvania	151,014	146,458	144,645	122,871	104,770	101,958	104,146	105,981	109,160	111,350	6.3
Rhode Island	10,146	10,864	10,719	8,908	7,744	7,450	7,826	7,689	7,734	7,001	-9.6
South Carolina	34,940	38,697	38,347	34,500	32,999	30,603	30,680	30,313	32,800	34,000	3.0
South Dakota	11,757	10,689	10,385	7,870	7,127	8,442	8,355	8,532	9,108	12,034	68.9
Tennessee	49,000	49,845	50,648	43,263	44,847	40,643	43,556	43,792	³ 45,962	45,980	2.5
Texas	139,046	171,449	171,665	161,150	174,306	163,191	170,322	171,844	180,369	185,050	6.2
Utah	18,395	20,035	19,886	19,774	22,219	26,407	27,670	26,293	³ 31,032	32,000	44.0
Vermont	6,095	6,733	6,424	5,794	5,212	5,414	5,871	5,870	³ 6,102	³ 6,209	19.1
Virginia	58,562	66,621	67,126	63,113	58,441	56,140	58,260	58,166	³ 62,258	64,383	10.2
Washington	50,425	50,402	50,046	45,805	42,514	47,235	49,294	49,862	52,900	55,021	29.4
West Virginia	26,139	23,369	23,580	21,870	21,064	19,884	20,131	20,335	³ 19,547	20,052	-4.8
Wisconsin	66,753	69,332	67,743	58,340	49,340	48,371	51,735	52,651	55,500	56,300	14.1
Wyoming	5,363	6,072	6,161	5,587	5,728	5,997	5,889	5,892	³ 6,324	6,075	6.1
Outlying areas											
American Samoa	⁶ 367	—	—	608	597	738	695	719	³ 705	677	13.4
Guam	972	—	—	840	1,014	985	987	—	³ 1,076	1,146	13.0
Northern Marianas	—	—	—	—	273	328	319	325	³ 310	424	55.3
Puerto Rico	24,917	—	—	31,597	29,329	27,718	29,747	29,499	28,740	28,829	-1.7
Virgin Islands	⁶ 432	—	—	1,044	981	886	995	937	³ 912	998	1.7

¹ Revised from previously published data.² National total includes estimates for nonreporting states.³ Actual count.⁴ Data imputed by the National Center for Education Statistics based on previous year's data.⁵ Beginning in 1985–86, graduates from adult programs are excluded.⁶ Data are for 1970–71.

—Data not reported.

NOTE.—Data include graduates of regular day school programs, but exclude graduates of other programs and persons receiving high school equivalency certificates. They also exclude graduates of subcollegiate departments of institutions of higher education, federal schools for American Indians and on federal installations, and residential schools for disabled children. Some data have been revised from previously published figures. All 1996–97 and 1997–98 data are state estimates unless otherwise indicated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared May 1998.)

Table 103.—High school graduates and dropouts in public elementary and secondary schools, by race/ethnicity and state: 1995–96

State	High school graduates, by race/ethnicity						Percent of 9th to 12th graders who dropped out during 1994–95, by race/ethnicity					
	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Total	White ¹	Black ¹	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native
	2	3	4	5	6	7	8	9	10	11	12	13
United States²	2,267,582	1,636,445	292,034	217,680	100,729	20,694	—	—	—	—	—	—
Alabama	35,043	23,835	10,424	103	235	446	5.6	5.4	6.1	6.2	3.2	1.4
Alaska	5,945	4,206	225	148	289	1,077	—	—	—	—	—	—
Arizona	30,008	19,616	1,046	6,852	760	1,734	—	—	—	—	—	—
Arkansas ³	24,636	18,883	5,279	194	206	74	4.1	3.4	6.0	8.2	2.7	3.4
California	259,071	121,292	19,436	78,619	37,434	2,290	3.9	2.4	6.7	5.6	2.2	4.7
Colorado	32,608	25,917	1,364	4,109	981	237	—	—	—	—	—	—
Connecticut	26,319	20,745	2,854	1,936	725	59	4.8	3.1	8.3	12.5	4.7	3.8
Delaware	5,609	3,949	1,362	152	132	14	4.5	4.0	5.3	8.3	0.5	0.0
District of Columbia	2,696	70	2,404	156	66	—	—	—	—	—	—	—
Florida	89,242	54,622	18,792	13,178	2,468	182	—	—	—	—	—	—
Georgia	56,271	35,903	18,331	983	1,019	35	8.5	7.7	9.7	12.5	5.1	6.2
Hawaii	9,387	1,792	177	466	6,931	21	4.7	7.8	6.3	6.1	3.6	7.4
Idaho	14,667	13,683	39	645	160	140	—	—	—	—	—	—
Illinois ³	104,626	76,349	15,597	8,459	4,063	158	—	—	—	—	—	—
Indiana	56,368	50,139	4,423	1,143	562	101	3.5	3.3	5.2	5.7	4.2	3.7
Iowa	31,689	30,080	647	404	503	55	3.1	2.7	10.3	8.5	3.6	9.7
Kansas	25,786	22,385	1,556	1,049	559	237	4.7	3.9	8.9	11.1	4.3	9.0
Kentucky ³	36,347	32,955	2,989	143	260	—	—	—	—	—	—	—
Louisiana	37,192	21,944	14,037	462	613	136	11.6	9.9	13.4	17.6	12.2	15.1
Maine	11,795	11,405	131	61	139	59	3.1	3.1	5.1	5.3	1.8	4.5
Maryland	41,785	25,619	12,766	1,279	2,046	75	—	—	—	—	—	—
Massachusetts	47,993	39,733	3,420	2,926	1,841	73	3.3	2.7	5.7	7.7	2.2	4.4
Michigan	85,530	70,914	10,435	1,756	1,429	996	—	—	—	—	—	—
Minnesota	50,481	46,645	1,140	667	1,526	503	5.3	4.1	20.5	16.6	7.0	19.5
Mississippi	23,032	11,853	11,005	40	115	19	6.2	5.5	6.8	5.5	4.6	9.0
Missouri	48,870	42,380	5,336	465	599	90	6.6	5.7	11.8	9.8	4.4	9.1
Montana	10,139	9,272	30	133	82	622	5.6	5.1	13.5	13.0	6.4	10.4
Nebraska	18,014	16,602	631	455	220	106	4.5	3.5	13.3	13.5	6.1	17.1
Nevada	10,374	7,668	804	1,156	589	157	9.6	8.1	13.0	15.0	7.5	10.5
New Hampshire	—	—	—	—	—	—	—	—	—	—	—	—
New Jersey	—	—	—	—	—	—	—	—	—	—	—	—
New Mexico	15,402	7,031	393	6,215	239	1,524	—	—	—	—	—	—
New York	134,401	92,877	19,084	13,082	8,975	383	3.7	2.2	5.7	6.6	3.0	5.3
North Carolina	57,014	39,370	15,441	584	894	725	—	—	—	—	—	—
North Dakota	8,027	7,556	51	42	55	323	2.5	1.9	5.7	4.2	2.5	11.2
Ohio	99,114	87,807	8,821	1,183	1,193	110	5.4	4.3	11.4	14.3	4.6	10.6
Oklahoma	33,060	24,226	2,825	929	603	4,477	—	—	—	—	—	—
Oregon	26,570	23,626	458	1,069	1,028	389	7.0	6.3	12.4	16.2	5.4	10.5
Pennsylvania	105,981	91,087	10,557	2,115	2,134	88	4.0	2.8	10.1	11.9	3.1	6.6
Rhode Island	7,689	6,511	464	500	198	16	4.6	3.8	9.6	8.1	3.6	6.4
South Carolina	—	—	—	—	—	—	2.9	2.5	3.4	3.3	1.4	6.7
South Dakota	8,532	7,795	36	44	57	600	—	—	—	—	—	—
Tennessee	41,917	33,396	7,772	216	496	37	—	—	—	—	—	—
Texas	171,844	95,226	20,829	50,041	5,339	409	—	—	—	—	—	—
Utah	26,293	24,766	94	732	489	212	4.4	—	—	—	—	—
Vermont ³	6,087	5,978	17	21	60	11	—	—	—	—	—	—
Virginia	58,166	41,198	12,655	1,597	2,607	109	—	—	—	—	—	—
Washington ³	48,947	40,321	1,581	2,487	3,715	843	—	—	—	—	—	—
West Virginia	20,549	19,561	783	66	99	40	3.8	3.8	4.4	0.9	1.5	9.4
Wisconsin	52,651	48,162	1,993	1,007	999	490	—	—	—	—	—	—
Wyoming	5,892	5,447	49	276	33	87	5.7	5.2	13.4	9.4	2.0	15.6
Other areas												
American Samoa	719	—	—	—	719	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas	325	1	—	—	324	—	—	—	—	—	—	—
Puerto Rico	29,499	—	—	29,499	—	—	1.5	—	—	1.5	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—	—	—	—

¹ Excludes persons of Hispanic origin.

² U.S. total includes estimates for nonreporting states, based on 1996 12th grade racial/ethnic distribution reported by state.

³ Estimates provided by state education agencies.

⁴ Racial/ethnic distribution estimated by NCES based on 1996 12th grade racial/ethnic distribution reported by state.

—Data not available.

NOTE.—Because data for some graduates are not available by race, totals differ from figures reported on other tables.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey; and unpublished data. (This table was prepared March 1999.)

Table 104.—General Educational Development (GED) credentials issued, and number and age of test takers: United States and outlying areas, 1971 to 1996

Year	Number of credentials issued, in thousands ¹	Number completing test battery, in thousands ²	Number of test takers, in thousands ³	Percentage distribution of test takers, by age				
				19 years old or less	20- to 24-year-olds	25- to 29-year-olds	30- to 34-year-olds	35 years old or over
1	2	3	4	5	6	7	8	9
1971	227	—	377	—	—	—	—	—
1972	245	—	419	—	—	—	—	—
1973	249	—	423	—	—	—	—	—
1974	295	412	540	35	27	13	9	17
1975	342	507	652	33	26	14	9	18
1976	337	507	656	31	28	14	10	17
1977	331	488	680	40	24	13	9	14
1978	381	467	641	31	27	13	10	19
1979	435	583	744	35	27	13	8	16
1980	488	708	779	37	27	13	8	15
1981	500	701	770	37	27	13	8	15
1982	494	692	756	37	28	13	8	15
1983	477	678	740	34	29	14	9	15
1984	437	613	676	32	28	15	9	16
1985	427	622	685	33	26	15	10	16
1986	439	648	713	33	26	15	10	16
1987	458	662	729	33	24	15	10	18
1988	421	617	701	36	23	14	10	17
1989	364	554	645	36	24	13	10	16
1990	419	628	727	35	25	14	10	17
1991	471	672	770	33	27	14	10	17
1992	465	653	754	32	28	13	11	16
1993	476	652	757	33	27	14	11	16
1994	499	684	793	34	26	13	10	16
1995	513	698	803	37	25	13	10	15
1996	514	733	842	40	25	13	9	15

¹ Number of people receiving high school equivalency credentials based on the GED tests.

² Number of people completing the entire GED battery of five tests.

³ Number of people taking the GED tests (one or more subtests).

—Data not available.

NOTE.—Because of rounding, percentages may not add to 100. Some data have been revised from previously published figures.

SOURCE: American Council on Education, General Educational Development Testing Service. (This table was prepared August 1998.)

Table 105.—Percent of high school dropouts (status dropouts) among persons 16 to 24 years old, by sex and race/ethnicity: April 1960 to October 1997

Year	Total				Men				Women			
	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
1960 ¹	27.2	—	—	—	27.8	—	—	—	26.7	—	—	—
1967 ²	17.0	15.4	28.6	—	16.5	14.7	30.6	—	17.3	16.1	26.9	—
1968 ²	16.2	14.7	27.4	—	15.8	14.4	27.1	—	16.5	15.0	27.6	—
1969 ²	15.2	13.6	26.7	—	14.3	12.6	26.9	—	16.0	14.6	26.7	—
1970 ²	15.0	13.2	27.9	—	14.2	12.2	29.4	—	15.7	14.1	26.6	—
1971 ²	14.7	13.4	23.7	—	14.2	12.6	25.5	—	15.2	14.2	22.1	—
1972	14.6 (0.3)	12.3 (0.3)	21.3 (1.1)	34.3 (2.2)	14.1 (0.4)	11.6 (0.4)	22.3 (1.6)	33.7 (3.2)	15.1 (0.4)	12.8 (0.4)	20.5 (1.4)	34.8 (3.1)
1973	14.1 (0.3)	11.6 (0.3)	22.2 (1.1)	33.5 (2.2)	13.7 (0.4)	11.5 (0.4)	21.5 (1.5)	30.4 (3.2)	14.5 (0.4)	11.8 (0.4)	22.8 (1.5)	36.4 (3.2)
1974	14.3 (0.3)	11.9 (0.3)	21.2 (1.0)	33.0 (2.1)	14.2 (0.4)	12.0 (0.4)	20.1 (1.5)	33.8 (3.0)	14.3 (0.4)	11.8 (0.4)	22.1 (1.5)	32.2 (2.9)
1975	13.9 (0.3)	11.4 (0.3)	22.9 (1.1)	29.2 (2.0)	13.3 (0.4)	11.0 (0.4)	23.0 (1.6)	26.7 (2.8)	14.5 (0.4)	11.8 (0.4)	22.9 (1.4)	31.6 (2.9)
1976	14.1 (0.3)	12.0 (0.3)	20.5 (1.0)	31.4 (2.0)	14.1 (0.4)	12.1 (0.4)	21.2 (1.5)	30.3 (2.9)	14.2 (0.4)	11.8 (0.4)	19.9 (1.4)	32.3 (2.8)
1977	14.1 (0.3)	11.9 (0.3)	19.8 (1.0)	33.0 (2.0)	14.5 (0.4)	12.6 (0.4)	19.5 (1.5)	31.6 (2.9)	13.8 (0.4)	11.2 (0.4)	20.0 (1.4)	34.3 (2.8)
1978	14.2 (0.3)	11.9 (0.3)	20.2 (1.0)	33.3 (2.0)	14.6 (0.4)	12.2 (0.4)	22.5 (1.5)	33.6 (2.9)	13.9 (0.4)	11.6 (0.4)	18.3 (1.3)	33.1 (2.8)
1979	14.6 (0.3)	12.0 (0.3)	21.1 (1.0)	33.8 (2.0)	15.0 (0.4)	12.6 (0.4)	22.4 (1.5)	33.0 (2.8)	14.2 (0.4)	11.5 (0.4)	20.0 (1.3)	34.5 (2.8)
1980	14.1 (0.3)	11.4 (0.3)	19.1 (1.0)	35.2 (1.9)	15.1 (0.4)	12.3 (0.4)	20.8 (1.5)	37.2 (2.7)	13.1 (0.4)	10.5 (0.4)	17.7 (1.3)	33.2 (2.6)
1981	13.9 (0.3)	11.3 (0.3)	18.4 (0.9)	33.2 (1.8)	15.1 (0.4)	12.5 (0.4)	19.9 (1.4)	36.0 (2.6)	12.8 (0.4)	10.2 (0.4)	17.1 (1.2)	30.4 (2.5)
1982	13.9 (0.3)	11.4 (0.3)	18.4 (1.0)	31.7 (1.9)	14.5 (0.4)	12.0 (0.4)	21.2 (1.5)	30.5 (2.7)	13.3 (0.4)	10.8 (0.4)	15.9 (1.3)	32.8 (2.7)
1983	13.7 (0.3)	11.1 (0.3)	18.0 (1.0)	31.6 (1.9)	14.9 (0.4)	12.2 (0.4)	19.9 (1.5)	34.3 (2.8)	12.5 (0.4)	10.1 (0.4)	16.2 (1.3)	29.1 (2.6)
1984	13.1 (0.3)	11.0 (0.3)	15.5 (0.9)	29.8 (1.9)	14.0 (0.4)	11.9 (0.4)	16.8 (1.4)	30.6 (2.8)	12.3 (0.4)	10.1 (0.4)	14.3 (1.2)	29.0 (2.6)
1985	12.6 (0.3)	10.4 (0.3)	15.2 (0.9)	27.6 (1.9)	13.4 (0.4)	11.1 (0.4)	16.1 (1.4)	29.9 (2.8)	11.8 (0.4)	9.8 (0.4)	14.3 (1.2)	25.2 (2.7)
1986	12.2 (0.3)	9.7 (0.3)	14.2 (0.9)	30.1 (1.9)	13.1 (0.4)	10.3 (0.4)	15.0 (1.3)	32.8 (2.7)	11.4 (0.4)	9.1 (0.4)	13.5 (1.2)	27.2 (2.6)
1987	12.6 (0.3)	10.4 (0.3)	14.1 (0.9)	28.6 (1.8)	13.2 (0.4)	10.8 (0.4)	15.0 (1.3)	29.1 (2.6)	12.1 (0.4)	10.0 (0.4)	13.3 (1.2)	28.1 (2.6)
1988	12.9 (0.3)	9.6 (0.3)	14.5 (1.0)	35.8 (2.3)	13.5 (0.4)	10.3 (0.5)	15.0 (1.5)	36.0 (3.2)	12.2 (0.4)	8.9 (0.4)	14.0 (1.4)	35.4 (3.3)
1989	12.6 (0.3)	9.4 (0.3)	13.9 (1.0)	33.0 (2.2)	13.6 (0.5)	10.3 (0.5)	14.9 (1.5)	34.4 (3.1)	11.7 (0.4)	8.5 (0.4)	13.0 (1.3)	31.6 (3.1)
1990	12.1 (0.3)	9.0 (0.3)	13.2 (0.9)	32.4 (1.9)	12.3 (0.4)	9.3 (0.4)	11.9 (1.3)	34.3 (2.7)	11.8 (0.4)	8.7 (0.4)	14.4 (1.3)	30.3 (2.7)
1991	12.5 (0.3)	8.9 (0.3)	13.6 (0.9)	35.3 (1.9)	13.0 (0.4)	8.9 (0.4)	13.5 (1.4)	39.2 (2.7)	11.9 (0.4)	8.9 (0.4)	13.7 (1.3)	31.1 (2.7)
1992 ³	11.0 (0.3)	7.7 (0.3)	13.7 (0.9)	29.4 (1.9)	11.3 (0.4)	8.0 (0.4)	12.5 (1.3)	32.1 (2.7)	10.7 (0.4)	7.4 (0.4)	14.8 (1.4)	26.6 (2.6)
1993 ³	11.0 (0.3)	7.9 (0.3)	13.6 (0.9)	27.5 (1.8)	11.2 (0.4)	8.2 (0.4)	12.6 (1.3)	28.1 (2.5)	10.9 (0.4)	7.6 (0.4)	14.4 (1.3)	26.9 (2.5)
1994 ³	11.4 (0.3)	7.7 (0.3)	12.6 (0.8)	30.0 (1.2)	12.3 (0.4)	8.0 (0.4)	14.1 (1.1)	31.6 (1.6)	10.6 (0.4)	7.5 (0.4)	11.3 (1.0)	28.1 (1.7)
1995 ³	12.0 (0.3)	8.6 (0.3)	12.1 (0.7)	30.0 (1.1)	12.2 (0.4)	9.0 (0.4)	11.1 (1.0)	30.0 (1.6)	11.7 (0.4)	8.2 (0.4)	12.9 (1.1)	30.0 (1.7)
1996 ³	11.1 (0.3)	7.3 (0.3)	13.0 (0.8)	29.4 (1.2)	11.4 (0.4)	7.3 (0.4)	13.5 (1.2)	30.3 (1.7)	10.9 (0.4)	7.3 (0.4)	12.5 (1.1)	28.3 (1.7)
1997 ³	11.0 (0.3)	7.6 (0.3)	13.4 (0.8)	25.3 (1.1)	11.9 (0.4)	8.5 (0.4)	13.3 (1.2)	27.0 (1.6)	10.1 (0.4)	6.7 (0.4)	13.5 (1.1)	23.4 (1.6)

¹ Based on the April 1960 decennial census.

² White and black include persons of Hispanic origin.

³ Because of changes in data collection procedures, data may not be comparable with figures for earlier years.

—Data not available.

NOTE.—“Status” dropouts are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when they left school. People who have received GED credentials are counted as high school completers. All

data except for 1960 are based on October counts. Data are based upon sample surveys of the civilian noninstitutional population. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished tabulations; and U.S. Department of Education, National Center for Education Statistics, *Dropout Rates in the United States*. (This table was prepared December 1998.)

Table 106.—Percent of high school dropouts (status dropouts) among persons 16 to 34 years old, by age, sex, and race/ethnicity: October 1970 to October 1997

Year, race/ethnicity, and sex	16 and 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
October 1970						
All races	8.0	16.2	16.6	18.7	22.5	26.5
Male	7.1	16.0	16.1	17.9	21.4	26.2
Female	8.9	16.3	16.9	19.4	23.6	26.8
White ¹	7.3	14.1	14.6	16.3	19.9	24.6
Male	6.3	13.3	14.1	15.3	19.0	24.2
Female	8.4	14.8	15.1	17.2	20.7	24.9
Black ¹	12.8	31.2	29.6	37.8	44.4	43.5
Male	13.3	36.4	29.6	39.5	43.1	45.9
Female	12.4	26.6	29.6	36.4	45.6	41.5
October 1980						
All races	8.9	15.7	16.0	15.2	13.9	14.6
Male	8.9	16.9	17.8	16.4	13.8	14.0
Female	8.8	14.7	14.3	14.0	14.0	15.2
White, non-Hispanic	8.6	12.7	12.1	11.8	10.4	11.0
Male	8.5	13.6	13.5	13.2	10.6	10.7
Female	8.6	11.9	10.9	10.4	10.3	11.3
Black, non-Hispanic	7.0	21.0	24.6	23.6	22.4	23.1
Male	7.2	22.2	30.8	24.6	22.2	21.9
Female	6.8	19.8	19.6	22.8	22.6	24.0
Hispanic origin	16.5	39.0	41.6	40.6	40.9	45.4
Male	18.1	43.1	41.4	42.9	40.1	43.9
Female	15.0	34.6	41.9	38.6	41.7	47.0
October 1990						
All races	6.3	14.2	12.8	13.8	13.9	12.9
Male	6.6	14.6	13.2	14.0	14.5	13.3
Female	6.1	13.8	12.4	13.6	13.4	12.5
White, non-Hispanic	5.4	11.1	9.4	9.5	9.2	8.7
Male	5.9	11.4	9.6	9.8	9.8	9.4
Female	5.0	10.8	9.1	9.1	8.5	8.0
Black, non-Hispanic	6.9	16.6	15.6	13.6	19.3	16.7
Male	6.3	15.5	12.4	13.2	18.9	16.4
Female	7.5	17.6	18.6	13.9	19.6	16.9
Hispanic origin	12.9	34.2	31.6	42.8	41.7	42.4
Male	13.1	39.4	37.9	41.4	42.6	41.4
Female	12.5	29.4	25.0	44.4	40.7	43.5
October 1995²						
All races	5.4	14.6	13.8	13.6	12.4	11.7
Male	4.8	14.7	13.6	14.9	13.9	12.0
Female	6.1	14.5	13.9	12.3	10.9	11.4
White, non-Hispanic	4.7	11.4	9.4	8.9	7.8	7.7
Male	4.2	11.7	9.3	10.4	9.0	7.9
Female	5.2	11.0	9.5	7.4	6.7	7.5
Black, non-Hispanic	5.6	15.7	15.1	12.6	11.6	11.6
Male	4.1	18.1	16.2	9.4	11.3	12.1
Female	7.3	13.7	14.2	15.4	11.8	11.1
Hispanic origin	10.7	30.8	34.4	37.4	39.0	36.6
Male	11.2	27.0	33.4	39.0	42.1	35.5
Female	10.2	35.0	35.4	35.3	35.6	37.8
October 1997²						
All races	4.8	13.8	12.7	12.5	12.0	11.8
Male	5.0	15.3	13.9	13.3	13.3	13.0
Female	4.7	12.3	11.4	11.8	10.8	10.7
White, non-Hispanic	4.3	11.2	8.5	6.9	6.6	6.5
Male	5.1	12.8	9.4	7.3	7.7	7.1
Female	3.4	9.6	7.6	6.4	5.5	6.0
Black, non-Hispanic	5.5	14.9	17.9	16.2	11.7	12.7
Male	4.5	16.0	19.6	15.6	9.5	15.4
Female	6.4	13.9	16.5	16.7	13.4	10.4
Hispanic origin	7.3	25.2	29.2	35.3	37.6	39.5
Male	5.1	28.0	32.2	37.5	39.9	40.1
Female	9.6	22.1	25.7	32.7	34.9	38.7

¹ Includes persons of Hispanic origin.² Because of changes in data collection procedures, data may not be comparable with figures for earlier years.

NOTE.—“Status” dropouts are persons who are 16- to 24-year-olds who are not enrolled in school and who have not completed a high school program, regardless of when

they left school. People who have received GED credentials are counted as high school completers. Data are based upon sample surveys of the civilian noninstitutional population.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared September 1998.)

Table 107.—Students with disabilities exiting the educational system, by age, type of disability, and basis of exit: United States and outlying areas, 1993–94 and 1994–95

Student characteristics	Number						Percent					
	Graduated with diploma		Graduated with certificate		Reached maximum age ¹		Graduated with diploma		Graduated with certificate		Reached maximum age ¹	
	1993–94 ²	1994–95	1993–94 ²	1994–95	1993–94 ²	1994–95	1993–94 ²	1994–95	1993–94 ²	1994–95	1993–94 ²	1994–95
1	2	3	4	5	6	7	8	9	10	11	12	13
Age group												
14 to 21 (and over)	113,910	118,471	23,983	25,106	4,594	3,954	28.1	26.8	5.9	5.7	1.1	0.9
14	91	62	130	73	7	4	0.2	0.1	0.3	0.1	0.0	0.0
15	169	106	71	68	9	7	0.4	0.2	0.1	0.1	0.0	0.0
16	532	545	178	154	39	26	1.0	0.9	0.3	0.2	0.1	0.0
17	15,417	16,455	2,016	2,373	106	37	22.7	21.7	3.0	3.1	0.2	0.0
18	47,847	49,988	7,766	9,017	110	110	51.9	50.3	8.4	9.1	0.1	0.1
19	35,730	37,154	7,001	7,308	91	79	59.7	59.9	11.7	11.8	0.2	0.1
20	9,361	9,254	3,408	3,083	525	383	48.0	48.5	17.5	16.1	2.7	2.0
21 (and over)	4,763	4,907	3,413	3,030	3,707	3,308	30.9	33.3	22.1	20.5	24.0	22.4
Type of disability												
All disabilities, 14 to 21 and over	113,945	118,471	23,948	25,106	4,594	3,954	28.1	26.8	5.9	5.7	1.1	0.9
Specific learning disabilities	76,735	80,666	10,871	11,716	891	631	32.5	31.2	4.6	4.5	0.4	0.2
Mental retardation	13,900	13,817	9,117	9,045	2,307	2,101	26.3	25.5	17.2	16.7	4.4	3.9
Serious emotional disturbance	11,251	11,611	1,649	1,693	331	292	16.1	15.0	2.4	2.2	0.5	0.4
Speech or language impairments	3,423	3,492	473	485	121	70	18.3	17.6	2.5	2.4	0.6	0.4
Multiple disabilities	1,254	1,416	675	788	553	515	25.1	22.5	13.5	12.5	11.1	8.2
Other health impairments	2,250	2,222	191	260	44	40	21.7	20.1	1.8	2.3	0.4	0.4
Hearing impairments	2,209	2,110	391	454	48	33	44.1	40.5	7.8	8.7	1.0	0.6
Orthopedic impairments	1,557	1,619	285	339	133	107	33.5	31.2	6.1	6.5	2.9	2.1
Visual impairments	931	960	105	114	53	47	46.3	46.0	5.2	5.5	2.6	2.3
Autism	169	211	120	115	80	88	24.1	25.5	17.1	13.9	11.4	10.6
Deaf-blindness	34	33	26	34	8	9	23.9	20.5	18.3	21.1	5.6	5.6
Traumatic brain injury	232	314	45	63	25	21	35.4	36.9	6.9	7.4	3.8	2.5

¹ These figures reflect an estimate of those who were actually known to have dropped out and do not include youth who simply stopped coming to school or whose status was unknown.

² Upper age limits for service eligibility vary by state.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *Sixteenth, Seventeenth, and Nineteenth Annual Reports to Congress on the Implementation of The Individuals with Disabilities Education Act*, 1995 and 1996. (This table was prepared November 1998.)

Table 108.—Postsecondary education and employment status, wages earned, and living arrangements of special education students out of secondary school up to 3 years, by type of disability: 1990

Type of disability	Percent in postsecondary education		Percent currently competitively employed	Average annual total compensation	Percent living independently ¹
	Academic	Vocational			
1	2	3	4	5	6
All disabilities²	16.5	14.7	55.0	\$5,524	27.8
Learning disabled	18.7	17.8	63.1	6,932	33.9
Serious emotional disturbance	15.3	13.3	52.0	5,310	21.1
Speech/language impairments	37.0	17.9	58.5	4,389	36.4
Mental retardation	2.5	5.7	40.8	3,078	14.8
Visual impairment	53.9	14.9	30.3	2,027	39.3
Hard of hearing	35.0	20.0	43.6	2,773	25.9
Deaf	28.3	19.9	24.8	1,689	32.3
Orthopedic impairments	30.9	13.4	26.4	1,636	16.6
Other health impairments	35.1	23.5	47.5	4,388	17.2
Multiple disabilities	8.0	4.0	15.8	778	8.0

¹ Living independently includes living alone, with a spouse or roommate, in a college dormitory, or in military housing not as a dependent.

² All conditions includes youth in each of the 11 Federal special education disability categories. Percentages are reported separately only for categories with at least 25 youth in the sample.

NOTE.—Data based on students who had been out of school up to three years and had attended special and regular schools in the 1985–86 or 1986–87 school years.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *The Seventeenth Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act*, The National Longitudinal Transition Study, 1995. (This table was prepared April 1996.)

Table 109.—Average student proficiency in reading, by age and selected characteristics of students: 1971 to 1996

Selected characteristics of students	1971	1975	1980	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7	8	9	10
9-year-olds ¹									
Total	207.6 (1.0)	210.0 (0.7)	215.0 (1.0)	210.9 (0.7)	211.8 (1.1)	209.2 (1.2)	210.5 (0.9)	211.0 (1.2)	212.4 (1.0)
Male	201.2 (1.1)	204.3 (0.8)	210.0 (1.1)	207.5 (0.8)	207.5 (1.4)	204.0 (1.7)	205.9 (1.3)	207.3 (1.3)	206.8 (1.5)
Female	213.9 (1.0)	215.8 (0.8)	220.1 (1.1)	214.2 (0.8)	216.3 (1.3)	214.5 (1.2)	215.4 (0.9)	214.7 (1.4)	218.0 (1.2)
Race/ethnicity									
White, non-Hispanic	214.0 (0.9)	216.6 (0.7)	221.3 (0.8)	218.2 (0.8)	217.7 (1.4)	217.0 (1.3)	217.9 (1.0)	218.0 (1.3)	219.9 (1.2)
Black, non-Hispanic	170.1 (1.7)	181.2 (1.2)	189.3 (1.8)	185.7 (1.1)	188.5 (2.4)	181.8 (2.9)	184.5 (2.2)	185.4 (2.3)	190.0 (2.7)
Hispanic	(²)	182.7 (2.2)	190.2 (2.3)	187.2 (2.1)	193.7 (3.5)	189.4 (2.3)	191.7 (3.1)	185.9 (3.9)	194.1 (3.5)
Parental education									
Not high school graduate	188.6 (1.5)	189.9 (1.3)	194.3 (1.6)	195.1 (1.4)	192.5 (4.9)	192.6 (3.2)	194.9 (4.5)	189.1 (4.0)	197.0 (3.6)
Graduated high school	207.8 (1.2)	211.3 (0.9)	213.0 (1.3)	208.9 (1.0)	210.8 (2.2)	209.1 (1.8)	207.4 (1.5)	207.1 (2.6)	207.0 (2.1)
Post high school	223.9 (1.1)	221.5 (0.9)	226.0 (1.1)	222.9 (0.9)	220.0 (1.7)	217.7 (2.0)	219.5 (1.4)	221.0 (1.3)	220.0 (1.4)
Control of school									
Public	— —	— —	213.5 (1.1)	209.4 (0.8)	210.2 (1.2)	207.5 (1.4)	208.6 (1.0)	209.4 (1.4)	210.0 (1.1)
Private	— —	— —	227.0 (1.8)	222.8 (1.6)	223.4 (3.0)	228.3 (3.3)	224.7 (2.3)	225.0 (2.7)	227.0 (3.1)
Region									
Northeast	213.0 (1.7)	214.8 (1.3)	221.1 (2.1)	215.7 (1.7)	215.2 (2.6)	217.4 (2.2)	217.6 (2.6)	217.4 (2.9)	220.0 (1.9)
Southeast	193.9 (2.9)	201.1 (1.2)	210.3 (2.3)	204.3 (1.6)	207.2 (2.1)	197.4 (3.2)	199.3 (2.0)	208.4 (3.0)	206.0 (2.9)
Central	214.9 (1.2)	215.5 (1.2)	216.7 (1.4)	215.3 (1.5)	218.2 (2.2)	212.7 (2.0)	215.8 (1.6)	214.3 (2.3)	215.0 (2.7)
West	205.0 (2.0)	207.0 (2.0)	212.8 (1.8)	207.8 (1.5)	207.9 (2.6)	209.6 (2.8)	209.3 (2.3)	205.1 (2.8)	210.0 (2.0)
13-year-olds ¹									
Total	255.2 (0.9)	255.9 (0.8)	258.5 (0.9)	257.1 (0.5)	257.5 (1.0)	256.8 (0.8)	259.8 (1.2)	257.9 (0.9)	259.1 (0.9)
Male	249.6 (1.0)	249.6 (0.8)	254.3 (1.1)	252.6 (0.6)	251.8 (1.3)	250.5 (1.1)	254.1 (1.7)	250.6 (1.2)	252.5 (1.2)
Female	260.8 (0.9)	262.3 (0.9)	262.6 (0.9)	261.7 (0.6)	263.0 (1.0)	263.1 (1.1)	265.3 (1.2)	265.7 (1.2)	265.4 (1.2)
Race/ethnicity									
White, non-Hispanic	260.9 (0.7)	262.1 (0.7)	264.4 (0.7)	262.6 (0.6)	261.3 (1.1)	262.3 (0.9)	266.4 (1.2)	265.1 (1.1)	267.0 (1.0)
Black, non-Hispanic	222.4 (1.2)	225.7 (1.2)	232.8 (1.5)	236.3 (1.0)	242.9 (2.4)	241.5 (2.2)	237.6 (2.3)	234.3 (2.4)	235.6 (2.6)
Hispanic	(²)	232.5 (3.0)	237.2 (2.0)	239.6 (1.7)	240.1 (3.5)	237.8 (2.3)	239.2 (3.5)	235.1 (1.9)	239.9 (2.9)
Parental education									
Not high school graduate	238.4 (1.3)	238.7 (1.2)	238.5 (1.1)	240.0 (0.9)	246.5 (2.1)	240.8 (1.8)	239.2 (2.6)	236.7 (2.4)	241.0 (2.7)
Graduated high school	255.5 (0.8)	254.6 (0.7)	253.5 (0.9)	253.4 (0.7)	252.7 (1.2)	251.4 (0.9)	252.1 (1.7)	251.4 (1.4)	252.0 (1.4)
Post high school	270.2 (0.8)	269.8 (0.8)	270.9 (0.8)	267.6 (0.7)	265.3 (1.4)	266.9 (1.0)	269.9 (1.4)	268.5 (1.2)	270.0 (1.2)
Control of school									
Public	— —	— —	256.9 (1.1)	255.2 (0.6)	256.1 (1.0)	255.0 (0.8)	257.2 (1.3)	255.6 (1.0)	257.0 (1.1)
Private	— —	— —	270.6 (1.5)	271.2 (1.7)	268.3 (2.8)	269.7 (2.9)	276.3 (2.6)	275.8 (3.4)	274.0 (3.3)
Region									
Northeast	261.1 (2.0)	258.5 (1.8)	260.0 (1.8)	260.4 (0.6)	258.6 (2.4)	258.9 (1.8)	264.6 (3.2)	269.0 (2.0)	261.0 (2.5)
Southeast	244.7 (1.7)	249.3 (1.5)	252.6 (1.6)	256.4 (1.5)	257.6 (2.2)	255.5 (2.2)	253.8 (2.5)	252.7 (2.5)	252.0 (3.2)
Central	260.1 (1.8)	261.5 (1.4)	264.5 (1.4)	258.8 (1.0)	255.9 (2.0)	257.4 (1.5)	263.5 (3.0)	259.3 (3.3)	268.0 (1.8)
West	253.6 (1.3)	253.2 (1.7)	256.4 (2.0)	253.8 (0.9)	257.9 (2.1)	255.6 (1.6)	257.5 (1.6)	252.9 (2.1)	258.0 (1.7)
17-year-olds ¹									
Total	285.2 (1.2)	285.6 (0.8)	285.5 (1.2)	288.8 (0.6)	290.1 (1.0)	290.2 (1.1)	289.7 (1.1)	288.1 (1.3)	286.9 (1.1)
Male	278.9 (1.2)	279.7 (1.0)	281.8 (1.3)	283.8 (0.6)	286.0 (1.5)	284.0 (1.6)	284.2 (1.6)	281.7 (2.2)	279.9 (1.3)
Female	291.3 (1.3)	291.2 (1.0)	289.2 (1.2)	293.9 (0.8)	293.8 (1.5)	296.5 (1.2)	295.7 (1.1)	294.7 (1.5)	294.4 (1.2)
Race/ethnicity									
White, non-Hispanic	291.4 (1.0)	293.0 (0.6)	292.8 (0.9)	295.2 (0.7)	294.7 (1.2)	296.6 (1.2)	297.4 (1.4)	295.7 (1.5)	294.4 (1.2)
Black, non-Hispanic	238.7 (1.7)	240.6 (2.0)	243.1 (1.8)	264.3 (1.0)	274.4 (2.4)	267.3 (2.3)	260.6 (2.1)	266.2 (3.9)	265.4 (2.7)
Hispanic	(²) —	252.4 (3.6)	261.4 (2.7)	268.1 (2.2)	270.8 (4.3)	274.8 (3.6)	271.2 (3.7)	263.2 (4.9)	264.7 (4.1)
Parental education									
Not high school graduate	261.3 (1.5)	262.5 (1.3)	262.1 (1.5)	269.4 (1.1)	267.4 (2.0)	269.7 (2.8)	270.8 (3.9)	267.9 (2.7)	267.0 (3.2)
Graduated high school	283.0 (1.2)	281.4 (1.1)	277.5 (1.0)	281.2 (0.7)	282.0 (1.3)	282.9 (1.4)	280.5 (1.6)	276.1 (1.9)	273.0 (1.7)
Post high school	302.2 (1.0)	300.6 (0.7)	298.9 (1.0)	301.2 (0.7)	299.5 (1.3)	299.9 (1.1)	298.6 (1.4)	298.5 (1.4)	297.0 (1.2)
Control of school									
Public	— —	— —	284.4 (1.2)	287.2 (0.6)	288.7 (1.0)	288.6 (1.1)	287.8 (1.0)	286.0 (1.5)	286.0 (1.1)
Private	— —	— —	298.4 (2.7)	303.0 (2.0)	299.6 (3.8)	311.0 (4.2)	309.6 (4.2)	306.1 (5.8)	294.0 (5.7)
Region									
Northeast	291.3 (2.8)	289.1 (1.7)	285.9 (2.4)	292.2 (1.9)	294.8 (2.9)	295.7 (1.8)	297.3 (3.2)	296.8 (4.2)	291.0 (2.8)
Southeast	270.5 (2.4)	276.5 (1.4)	280.1 (2.2)	284.7 (1.6)	285.5 (2.1)	285.1 (2.5)	278.4 (2.9)	283.5 (2.8)	279.0 (2.6)
Central	290.7 (2.1)	291.8 (1.4)	287.4 (2.2)	290.0 (1.4)	291.2 (1.9)	293.5 (2.4)	293.8 (2.1)	285.7 (3.7)	292.0 (2.1)
West	283.7 (1.8)	281.6 (1.9)	287.3 (2.1)	288.4 (1.1)	289.0 (1.8)	286.8 (2.6)	290.4 (2.3)	287.8 (2.8)	286.0 (2.4)

¹ Excludes persons not enrolled in school.

² Test scores of Hispanics were not tabulated separately.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand,

combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared October 1998.)

Table 110.—Student proficiency in reading, by percentile and age: 1971 to 1996

Percentile	1971	1975	1980	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7	8	9	10
9-year-olds ¹									
Average	207.6	210.0	215.0	210.9	211.8	209.2	210.5	211.0	212.4
Standard deviation	42.1	38.6	37.9	41.1	41.2	44.7	40.3	40.5	40.5
Percentiles									
5th	134.8	143.2	148.5	140.5	141.9	134.8	140.7	140.1	141.8
10th	151.6	159.2	165.1	156.7	156.7	150.1	156.0	155.6	157.6
25th	180.0	185.2	191.1	183.7	184.3	178.7	183.1	184.1	185.0
50th	209.3	211.9	217.2	212.6	213.7	210.3	213.6	214.8	215.5
75th	236.7	236.9	241.3	239.6	240.1	240.3	239.3	240.0	241.4
90th	260.5	258.1	261.7	262.8	263.0	265.7	259.9	260.1	261.5
95th	274.1	270.6	273.3	276.5	277.5	280.4	272.1	271.7	274.1
13-year-olds ¹									
Average	255.2	255.9	258.5	257.1	257.5	256.8	259.8	257.9	259.1
Standard deviation	35.7	35.8	34.9	35.5	34.7	36.0	39.4	39.8	38.4
Percentiles									
5th	192.8	193.5	199.1	196.7	199.5	195.7	190.9	188.2	191.5
10th	207.8	208.7	212.8	210.2	212.9	209.8	207.9	205.1	208.5
25th	232.3	232.9	235.3	233.9	234.2	233.2	234.7	232.5	234.8
50th	257.0	257.7	259.6	258.2	257.9	257.3	261.6	260.1	261.2
75th	279.9	280.6	282.8	281.6	281.4	281.5	287.0	285.2	285.5
90th	299.6	300.5	302.3	301.7	301.6	302.0	309.2	307.4	306.5
95th	310.8	311.8	313.9	313.7	313.7	314.4	321.9	320.3	319.4
17-year-olds ¹									
Average	285.2	285.6	285.5	288.8	290.1	290.2	289.7	288.1	286.9
Standard deviation	45.8	44.0	41.8	40.3	37.1	41.3	43.0	44.4	42.3
Percentiles									
5th	206.1	209.3	213.0	219.9	226.1	220.0	214.3	210.8	213.2
10th	225.3	228.4	230.6	236.0	241.5	236.9	232.7	230.0	231.4
25th	255.9	257.8	258.7	262.5	265.7	263.5	262.6	259.8	259.1
50th	287.7	287.9	287.5	290.3	291.1	291.1	293.0	289.9	288.2
75th	316.7	315.7	314.6	316.8	316.0	318.6	319.4	318.7	315.8
90th	341.7	340.0	337.5	339.6	336.9	342.7	342.7	343.0	340.4
95th	356.5	354.3	350.9	352.6	348.7	356.0	355.8	357.7	354.4

¹ Excludes persons not enrolled in school.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand,

combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 111.—Student proficiency in reading, by age, amount of time spent on homework, and reading habits: 1984, 1994, and 1996

Time spent on homework and reading habits	9-year-olds ¹			13-year-olds ¹			17-year-olds ¹		
	1984	1994	1996	1984	1994	1996	1984	1994	1996
1	2	3	4	5	6	7	8	9	10
Average proficiency									
Materials read a few times a year or more									
Poems	211	210	—	260	261	—	290	293	—
Plays	211	207	—	260	263	—	290	294	—
Biographies	213	210	—	261	261	—	292	293	—
Science books	212	211	—	259	260	—	289	293	—
Books about other places	211	211	—	259	260	—	289	293	—
Frequency of reading for fun									
Daily	214	215	213	264	272	270	297	302	301
Weekly	212	214	212	255	255	259	290	286	292
Monthly	204	213	210	255	255	260	290	286	290
Yearly	197	—	—	252	252	—	280	281	285
Never	198	193	199	239	237	238	269	258	269
Time spent on homework each day									
None	213	213	210	254	250	256	276	273	273
Didn't do assignment	199	200	195	247	243	251	287	285	281
Less than 1 hour	218	212	215	261	261	259	290	288	288
1 to 2 hours	216	214	220	266	268	267	296	297	295
More than 2 hours	201	193	198	265	270	269	303	306	307
Percent									
Materials read a few times a year or more									
Poems	70	62	60	68	79	80	76	85	80
Plays	56	45	42	59	63	67	63	70	67
Biographies	45	47	46	62	68	65	59	69	66
Science books	84	87	83	90	92	90	70	84	82
Books about other places	79	79	78	83	83	84	81	82	81
Frequency of reading for fun									
Daily	53	58	54	35	32	32	31	30	23
Weekly	28	25	27	35	32	31	34	31	32
Monthly	7	5	8	14	14	15	17	15	17
Yearly	3	3	3	7	10	9	10	12	12
Never	9	9	8	9	12	13	9	12	16
Time spent on homework each day									
None	36	32	26	23	23	22	22	23	23
Didn't do assignment	4	5	4	4	6	5	11	11	13
Less than 1 hour	42	48	53	36	34	37	26	27	28
1 to 2 hours	13	12	13	29	28	27	27	26	24
More than 2 hours	6	4	4	9	9	8	13	13	11

¹ Excludes persons not enrolled in school.
—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score of 300 implies an ability to find, understand, summarize and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand,

combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 112.—Percent of students at or above selected reading proficiency levels,¹ by sex, race/ethnicity, and age: 1971 to 1996

Sex, race/ethnicity, and level	1971	1975	1980	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7	8	9	10
9-year-olds ²									
Total									
Level 150 ³	90.6	93.1	94.6	92.3	92.7	90.1	92.3	92.1	92.7
Level 200 ⁴	58.7	62.1	67.7	61.5	62.6	58.9	62.0	63.3	63.7
Level 250 ⁵	15.6	14.6	17.7	17.2	17.5	18.4	16.2	16.5	17.7
Male									
Level 150 ³	87.9	91.0	92.9	90.4	90.4	87.9	90.2	90.2	90.7
Level 200 ⁴	52.7	56.2	62.7	58.0	58.4	53.8	56.9	59.2	57.8
Level 250 ⁵	12.0	11.5	14.6	15.9	15.8	16.1	14.2	15.2	15.0
Female									
Level 150 ³	93.2	95.3	96.4	94.2	94.9	92.4	94.4	94.0	94.6
Level 200 ⁴	64.6	68.1	72.7	65.2	66.9	64.2	67.3	67.3	69.5
Level 250 ⁵	19.2	17.7	20.7	18.4	19.1	20.8	18.2	17.8	20.4
White⁶									
Level 150 ³	94.0	96.0	97.1	95.4	95.1	93.5	95.8	95.7	95.9
Level 200 ⁴	65.0	69.0	74.2	68.6	68.4	66.0	69.3	70.1	70.9
Level 250 ⁵	18.0	17.4	21.0	20.9	20.3	22.6	19.6	19.7	21.6
Black⁶									
Level 150 ³	69.7	80.7	84.9	81.3	83.2	76.9	79.6	78.7	83.1
Level 200 ⁴	22.0	31.6	41.3	36.6	39.4	33.9	36.6	38.3	41.3
Level 250 ⁵	1.6	2.0	4.1	4.5	5.6	5.2	4.6	4.4	6.6
Hispanic									
Level 150 ³	—	80.8	84.5	82.0	85.6	83.7	83.4	80.4	84.2
Level 200 ⁴	—	34.6	41.6	39.6	45.9	40.9	43.1	37.1	47.5
Level 250 ⁵	—	2.6	5.0	4.3	8.6	5.8	7.2	6.4	7.5
13-year-olds ²									
Total									
Level 150 ³	99.8	99.7	99.9	99.8	99.9	99.8	99.5	99.3	99.6
Level 200 ⁴	93.0	93.2	94.8	93.9	94.9	93.8	92.7	91.7	92.8
Level 250 ⁵	57.8	58.6	60.7	59.0	58.7	58.7	61.6	60.4	61.3
Level 300 ⁷	9.8	10.2	11.3	11.0	10.9	11.0	15.3	14.1	13.8
Male									
Level 150 ³	99.6	99.6	99.8	99.7	99.7	99.2	99.2	99.1	99.5
Level 200 ⁴	90.7	90.9	93.4	92.2	92.8	91.4	90.4	88.8	90.1
Level 250 ⁵	51.6	51.7	55.9	54.0	52.3	52.4	55.5	53.3	54.8
Level 300 ⁷	7.3	7.0	9.1	9.0	8.6	7.6	12.8	10.1	10.3
Female									
Level 150 ³	99.9	99.9	99.9	99.9	100.0	99.9	99.8	99.6	99.8
Level 200 ⁴	95.2	95.5	96.1	95.8	96.9	96.3	95.0	94.9	95.3
Level 250 ⁵	64.0	65.5	65.4	64.0	65.0	65.0	67.5	67.9	67.5
Level 300 ⁷	12.3	13.5	13.5	13.2	13.2	14.5	17.7	18.4	17.1
White⁶									
Level 150 ³	99.9	99.9	100.0	99.9	99.9	99.9	99.8	99.6	99.8
Level 200 ⁴	96.2	96.4	97.1	96.2	96.0	96.0	95.9	95.0	95.9
Level 250 ⁵	64.2	65.5	67.8	65.3	63.7	64.8	68.5	68.1	70.1
Level 300 ⁷	11.3	12.1	13.6	13.1	12.4	13.3	18.1	17.2	17.2
Black⁶									
Level 150 ³	98.6	98.4	99.3	99.4	99.8	99.4	98.7	98.6	99.4
Level 200 ⁴	74.2	76.9	84.1	85.5	91.3	87.7	82.0	80.6	82.7
Level 250 ⁵	21.1	24.8	30.1	34.6	40.2	41.7	38.4	35.6	35.1
Level 300 ⁷	0.8	1.5	1.8	2.8	4.6	4.6	5.7	3.9	3.1
Hispanic									
Level 150 ³	—	99.6	99.7	99.5	99.2	99.1	98.1	98.7	98.7
Level 200 ⁴	—	81.3	86.8	86.7	87.4	85.8	83.4	82.4	86.1
Level 250 ⁵	—	32.0	35.4	39.0	38.0	37.2	40.9	33.9	39.8
Level 300 ⁷	—	2.2	2.3	4.1	4.4	3.9	6.0	4.3	5.5
17-year-olds ²									
Total									
Level 150 ³	99.6	99.7	99.9	100.0	100.0	99.9	99.8	99.8	100.0
Level 200 ⁴	96.0	96.4	97.2	98.3	98.9	98.1	97.1	96.8	97.4
Level 250 ⁵	78.6	80.1	80.7	83.1	85.7	84.1	82.5	80.8	81.4
Level 300 ⁷	39.0	38.7	37.8	40.3	40.9	41.4	43.2	41.0	38.6
Male									
Level 150 ³	99.4	99.5	99.8	99.9	100.0	99.8	99.7	99.7	99.9
Level 200 ⁴	94.7	95.3	96.3	97.6	98.5	97.0	96.3	95.5	96.3
Level 250 ⁵	74.4	75.6	77.9	79.6	82.9	79.7	78.4	76.2	76.7
Level 300 ⁷	33.9	33.7	35.0	35.4	37.1	36.1	38.4	35.6	32.8
Female									
Level 150 ³	99.8	99.8	99.9	99.9	100.0	100.0	99.9	99.9	100.0
Level 200 ⁴	97.3	97.5	98.1	99.0	99.3	99.2	97.9	98.0	98.6
Level 250 ⁵	82.6	84.3	83.6	86.8	88.2	88.6	86.8	85.6	86.4
Level 300 ⁷	44.0	43.6	40.7	45.0	44.4	46.8	48.5	46.5	44.7
White⁶									
Level 150 ³	99.9	99.9	100.0	100.0	100.0	100.0	99.9	100.0	100.0
Level 200 ⁴	97.9	98.6	99.1	99.0	99.3	98.6	98.6	98.1	98.5
Level 250 ⁵	83.7	86.2	86.9	88.0	88.7	88.3	88.0	86.2	86.8
Level 300 ⁷	43.2	43.9	43.3	46.3	45.4	47.5	50.1	47.7	45.1
Black⁶									
Level 150 ³	97.6	97.7	99.0	99.9	100.0	99.6	99.1	99.5	99.8
Level 200 ⁴	81.9	82.0	85.6	95.9	98.0	95.7	91.6	93.4	94.8
Level 250 ⁵	40.1	43.0	44.0	65.7	75.8	69.1	61.4	65.7	67.2
Level 300 ⁷	7.7	8.1	7.1	16.2	24.9	19.7	16.9	21.5	18.0
Hispanic									
Level 150 ³	—	99.3	99.8	99.8	99.9	99.7	99.8	99.0	99.9
Level 200 ⁴	—	88.7	93.3	95.6	96.3	95.9	93.4	91.1	94.0
Level 250 ⁵	—	52.9	62.2	68.3	71.5	75.2	69.2	63.0	64.2
Level 300 ⁷	—	12.6	16.5	21.2	23.3	27.1	27.3	20.1	20.0

¹ As measured by the National Assessment of Educational Progress (NAEP).

² Excludes persons not enrolled in school.

³ Able to follow brief written directions and carry out simple, discrete reading tasks.

⁴ Able to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information.

⁵ Able to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials.

⁶ Data for 1971 include persons of Hispanic origin.

⁷ Able to find, understand, summarize, and explain relatively complicated literary and informational material.

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 113.—Average proficiency in reading for 4th-graders in public schools, ¹ by selected characteristics, region, and state: 1994

Region and state	Average	Race/ethnicity						Sex		Parental education ²			
		White	Black	Hispanic	Asian	Pacific Islander	American Indian	Male	Female	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	212	223	186	188	231	216	200	207	218	188	206	222	222
Region													
Northeast	212	224	184	191	(³)	(³)	(³)	207	216	(³)	202	222	221
Southeast	208	219	188	184	(³)	(³)	(³)	202	215	186	207	222	216
Central	218	225	182	199	(³)	(³)	(³)	212	225	(³)	215	221	226
West	212	222	186	186	⁵ 226	(³)	(³)	207	217	188	201	221	223
State													
Alabama	208	220	188	178	(³)	(³)	(³)	203	213	197	201	217	217
Arizona	206	220	183	188	(³)	(³)	181	201	211	189	200	219	218
Arkansas	209	218	183	192	(³)	(³)	(³)	204	213	196	203	221	215
California	197	211	182	174	211	⁵ 213	(³)	194	200	166	191	207	207
Colorado	213	222	191	193	(³)	(³)	204	209	218	192	213	220	222
Connecticut	222	234	190	190	(³)	(³)	(³)	218	226	204	209	234	231
Delaware	206	215	188	190	(³)	(³)	(³)	200	212	185	202	217	214
Florida	205	218	183	189	(³)	(³)	(³)	199	210	187	195	219	212
Georgia	207	222	185	184	(³)	(³)	(³)	201	212	185	199	219	217
Hawaii	201	219	189	185	219	191	(³)	194	208	192	194	215	208
Indiana	220	225	193	201	(³)	(³)	(³)	216	223	198	216	230	229
Iowa	223	225	⁵ 186	204	(³)	(³)	(³)	219	227	211	219	232	229
Kentucky	212	215	190	196	(³)	(³)	(³)	206	217	195	212	222	218
Louisiana	197	213	180	175	(³)	(³)	(³)	193	200	188	196	209	200
Maine	228	229	(³)	218	(³)	(³)	(³)	225	231	214	225	237	236
Maryland	210	223	185	197	232	(³)	(³)	205	214	195	202	215	217
Massachusetts	223	231	199	194	⁵ 201	(³)	(³)	221	226	206	212	230	232
Minnesota	218	222	173	202	(³)	(³)	196	214	223	(³)	212	220	229
Mississippi	202	220	187	181	(³)	(³)	(³)	196	207	192	199	213	207
Missouri	217	223	192	200	(³)	(³)	212	213	221	199	216	227	225
Montana ⁴	222	226	(³)	208	—	—	203	218	227	211	219	227	230
Nebraska ⁴	220	224	⁵ 190	205	(³)	(³)	202	216	224	(³)	215	232	231
New Hampshire ⁴	223	224	(³)	213	(³)	(³)	(³)	218	229	207	220	236	231
New Jersey	219	231	193	200	237	(³)	(³)	216	222	193	209	225	230
New Mexico	205	219	196	196	(³)	(³)	185	201	208	188	200	220	215
New York	212	226	191	193	230	(³)	(³)	207	216	196	208	224	220
North Carolina	214	225	193	189	(³)	(³)	⁵ 201	209	220	195	204	226	223
North Dakota	225	228	(³)	212	(³)	(³)	⁵ 197	221	230	(³)	217	232	233
Pennsylvania ⁴	215	224	180	187	(³)	(³)	(³)	211	220	187	210	221	224
Rhode Island ⁴	220	226	197	195	203	(³)	(³)	215	225	203	217	230	228
South Carolina	203	219	184	182	(³)	(³)	(³)	199	208	189	193	216	213
Tennessee ⁴	213	220	188	196	(³)	(³)	(³)	208	217	200	213	225	219
Texas	212	227	191	198	(³)	(³)	(³)	210	214	195	207	224	222
Utah	217	221	(³)	199	(³)	(³)	195	213	222	(³)	211	225	226
Virginia	213	224	192	206	(³)	(³)	(³)	208	219	196	207	220	221
Washington	213	217	198	190	220	208	207	209	217	197	209	216	223
West Virginia	213	215	202	192	(³)	(³)	(³)	208	218	196	213	226	221
Wisconsin ⁴	224	228	197	203	(³)	(³)	(³)	221	227	212	223	228	233
Wyoming	221	224	(³)	209	(³)	(³)	⁵ 210	218	224	203	215	230	228
Department of Defense													
Overseas Schools	218	224	205	211	222	215	210	213	223	(³)	209	226	223
Guam	181	192	171	171	180	183	(³)	172	190	164	176	189	185

¹As measured by the National Assessment of Educational Progress (NAEP). Forty-one states and Guam participated in the test, but the sample size in two states was insufficient to permit a reliable estimate.

²Parents' highest level of education. Data not shown for students who did not know parents' level of education.

³Sample size is insufficient to permit a reliable estimate.

⁴Did not satisfy one or more of the guidelines for school sample participation rates. Data are subject to appreciable nonresponse bias.

⁵The nature of the sample does not allow accurate determination of the variability of this value.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. A score

of 300 implies an ability to find, understand, summarize, and explain relatively complicated literary and informational material. A score of 250 implies an ability to search for specific information, interrelate ideas, and make generalizations about literature, science, and social studies materials. A score of 200 implies an ability to understand, combine ideas, and make inferences based on short uncomplicated passages about specific or sequentially related information. A score of 150 implies an ability to follow brief written directions and carry out simple, discrete reading tasks. Scale ranges from 0 to 500. Excludes states not participating in the survey. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, 1994 NAEP Reading, Revised Edition: A First Look, prepared by Educational Testing Service. (This table was prepared November 1995.)

Table 114.—Percentage distribution of 4th-graders in public schools, by time spent on homework and television viewing each day: 1992 and 1996

Selected characteristics of students	Time spent on homework each day					Amount of television watched each day			
	Don't have	Don't do	Half hour or less	One hour	More than one hour	Six hours or more	Four to five hours	Two to three hours	One hour or less
1	2	3	4	5	6	7	8	9	10
1992									
All students	15.1 (1.2)	3.0 (0.3)	39.4 (1.3)	26.7 (0.9)	15.8 (0.7)	21.2 (0.7)	21.6 (0.7)	35.9 (0.7)	21.3 (0.7)
Male	16.6 (1.5)	4.6 (0.4)	38.8 (1.4)	25.0 (1.1)	15.0 (0.9)	25.3 (1.1)	21.8 (0.9)	34.3 (1.2)	18.5 (0.9)
Female	13.5 (1.1)	1.4 (0.3)	40.1 (1.5)	28.4 (1.0)	16.6 (0.8)	17.1 (0.8)	21.3 (0.9)	37.4 (1.0)	24.1 (0.9)
Race/ethnicity									
White	16.9 (1.4)	2.4 (0.3)	38.9 (1.6)	27.7 (1.1)	14.1 (0.7)	15.1 (0.8)	22.3 (0.9)	39.8 (0.8)	22.9 (0.9)
Black	9.5 (1.4)	5.3 (0.9)	42.7 (1.5)	22.2 (1.4)	20.2 (1.3)	44.0 (2.0)	18.8 (1.5)	22.6 (1.6)	14.5 (1.0)
Hispanic	11.6 (1.5)	3.6 (0.7)	38.3 (1.8)	27.1 (1.4)	19.4 (1.6)	28.6 (1.6)	20.7 (1.2)	31.4 (1.7)	19.2 (1.6)
Asian/Pacific Islander	8.9 (2.6)	2.2 (1.1)	35.2 (2.9)	34.1 (3.4)	19.5 (2.7)	19.2 (2.4)	21.7 (2.9)	33.4 (3.5)	25.7 (3.0)
American Indian	16.4 (3.1)	1.8 (0.9)	43.8 (4.3)	15.8 (2.7)	22.1 (3.4)	28.1 (3.7)	23.4 (3.9)	25.1 (3.5)	23.3 (3.0)
Parents' highest level of education									
Less than high school	17.6 (3.1)	5.1 (1.6)	37.6 (2.8)	24.2 (2.3)	15.4 (2.1)	28.2 (3.9)	20.8 (2.1)	32.3 (4.1)	18.8 (3.4)
Graduated high school	14.3 (2.0)	3.2 (0.6)	39.9 (2.6)	23.2 (1.9)	19.4 (1.6)	24.5 (1.9)	25.2 (2.4)	36.1 (1.7)	14.3 (1.2)
Some education after high school	16.9 (2.4)	2.8 (0.8)	40.9 (2.3)	25.8 (2.3)	13.6 (1.7)	20.8 (1.8)	24.9 (1.9)	35.9 (2.2)	18.4 (1.7)
Graduated college	14.4 (1.5)	2.2 (0.3)	40.0 (1.5)	28.7 (1.3)	14.7 (0.9)	17.5 (1.1)	19.4 (0.9)	37.0 (1.1)	26.2 (1.2)
Region									
Northeast	2.9 (0.4)	2.4 (0.5)	42.8 (1.7)	33.6 (1.6)	18.2 (1.3)	21.9 (2.4)	21.5 (2.2)	36.6 (1.6)	20.0 (1.8)
Southeast	11.4 (1.5)	4.8 (0.7)	38.0 (1.9)	27.4 (1.7)	18.5 (1.2)	27.0 (1.7)	18.3 (1.0)	35.0 (1.4)	19.7 (1.5)
Central	27.0 (3.4)	2.0 (0.5)	34.6 (2.8)	22.7 (1.6)	13.7 (1.1)	17.8 (1.2)	24.7 (0.9)	38.2 (1.3)	19.2 (1.0)
West	15.9 (2.5)	2.8 (0.3)	42.7 (3.1)	24.8 (1.9)	13.8 (1.6)	19.0 (1.4)	21.4 (1.5)	33.9 (1.5)	25.7 (1.3)
Type of location									
Central city	13.1 (2.5)	4.2 (0.6)	43.2 (2.4)	23.7 (1.7)	15.7 (1.3)	26.8 (1.5)	21.2 (0.6)	30.8 (1.1)	21.2 (1.3)
Urban fringe/large town	16.0 (1.9)	2.4 (0.3)	41.2 (2.1)	27.1 (1.3)	13.4 (1.1)	17.2 (1.1)	21.0 (1.4)	38.5 (1.3)	23.3 (1.3)
Rural/small town	18.2 (2.8)	3.4 (0.6)	35.7 (2.5)	27.0 (2.3)	15.8 (1.3)	20.4 (1.5)	23.2 (1.2)	38.3 (1.5)	18.1 (1.2)
1996									
All students	11.0 (1.0)	3.0 (0.3)	40.3 (1.1)	29.3 (0.8)	16.4 (0.6)	19.0 (0.7)	19.5 (0.7)	36.4 (0.7)	25.1 (1.1)
Male	11.8 (1.1)	4.4 (0.5)	40.0 (1.4)	27.7 (1.0)	16.1 (0.7)	22.4 (0.9)	21.4 (1.0)	34.8 (1.0)	21.4 (1.3)
Female	10.2 (1.1)	1.6 (0.2)	40.7 (1.3)	30.9 (1.2)	16.6 (1.0)	15.5 (0.9)	17.6 (1.0)	38.0 (0.8)	28.9 (1.2)
Race/ethnicity									
White	12.6 (1.4)	2.5 (0.4)	39.0 (1.3)	30.7 (1.0)	15.1 (0.8)	13.3 (0.7)	19.9 (0.9)	40.5 (0.8)	26.3 (1.3)
Black	7.4 (1.6)	5.2 (0.7)	43.5 (1.7)	24.5 (1.6)	19.4 (1.5)	42.1 (2.0)	19.0 (1.4)	22.1 (1.5)	16.8 (1.6)
Hispanic	7.8 (1.2)	3.8 (0.8)	42.3 (2.1)	28.1 (2.0)	18.1 (1.7)	21.5 (1.8)	18.2 (1.2)	33.8 (1.7)	26.6 (1.8)
Asian/Pacific Islander	4.8 (1.8)	1.7 (0.9)	41.5 (4.3)	28.8 (2.5)	23.1 (3.4)	18.9 (3.1)	18.8 (3.3)	29.2 (3.8)	33.1 (5.2)
American Indian	14.4 (3.2)	3.0 (1.6)	44.7 (3.7)	24.2 (4.2)	13.6 (2.8)	25.1 (4.2)	16.2 (3.3)	29.1 (4.1)	29.6 (4.7)
Parents' highest level of education									
Less than high school	6.8 (2.1)	6.4 (1.7)	42.1 (4.6)	21.7 (3.4)	23.0 (3.8)	27.3 (3.6)	24.9 (3.0)	24.4 (3.3)	23.4 (2.8)
Graduated high school	12.2 (2.0)	3.5 (0.8)	42.7 (2.1)	26.8 (1.9)	14.8 (1.3)	22.1 (1.8)	19.8 (1.5)	38.6 (1.8)	19.6 (1.9)
Some education after high school	11.0 (2.4)	1.9 (0.7)	39.7 (2.7)	35.5 (2.7)	11.9 (1.6)	15.8 (2.1)	24.5 (2.3)	39.6 (2.2)	20.1 (2.1)
Graduated college	10.5 (1.2)	1.9 (0.3)	39.5 (1.6)	31.5 (1.2)	16.6 (0.9)	16.8 (1.1)	17.3 (1.2)	38.9 (1.1)	27.0 (1.7)
Region									
Northeast	2.5 (0.8)	2.9 (0.5)	39.2 (2.8)	36.3 (1.6)	19.1 (1.4)	17.2 (1.7)	21.7 (1.2)	36.2 (1.8)	24.9 (1.9)
Southeast	4.8 (1.0)	3.4 (0.5)	44.2 (1.9)	29.5 (0.8)	18.1 (1.4)	27.8 (1.9)	18.8 (1.8)	31.9 (1.5)	21.5 (1.6)
Central	23.2 (3.1)	3.0 (0.6)	35.2 (1.6)	24.6 (1.6)	13.9 (1.2)	16.4 (1.4)	20.0 (1.6)	40.0 (0.8)	23.6 (2.2)
West	11.5 (1.9)	2.8 (0.5)	42.6 (2.1)	27.8 (1.8)	15.3 (1.2)	16.4 (1.3)	18.1 (1.2)	36.7 (1.4)	28.8 (2.3)
Type of location									
Central city	9.1 (1.7)	4.0 (0.6)	42.7 (1.6)	26.9 (1.5)	17.3 (1.3)	23.9 (1.2)	18.6 (1.0)	34.5 (1.0)	23.1 (1.3)
Urban fringe/large town	9.4 (1.5)	2.6 (0.3)	42.2 (1.6)	30.8 (1.2)	15.0 (1.1)	15.1 (1.1)	19.6 (1.1)	38.8 (1.0)	26.5 (1.6)
Rural/small town	18.2 (2.8)	3.7 (0.7)	38.8 (2.4)	24.7 (2.5)	14.7 (1.5)	20.4 (1.3)	20.6 (1.4)	34.2 (1.6)	24.9 (2.1)

NOTE.—Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *National Mathematics Results, 1992 and 1996*. (This table was prepared September 1997.)

Table 115.—Average writing performance of 4th-, 8th-, and 11th-graders, by selected characteristics of students: 1984 to 1996

Selected characteristics of students	1984	1988	1990	1992	1994	1996
1	2	3	4	5	6	7
4th graders						
Total	204 (1.5)	206 (1.6)	202 (1.5)	207 (1.5)	205 (1.6)	207 (1.2)
Male	201 (2.8)	199 (2.3)	195 (1.9)	198 (1.7)	196 (1.7)	200 (1.8)
Female	208 (3.1)	213 (2.0)	209 (2.2)	216 (1.7)	214 (2.2)	214 (1.9)
Race/ethnicity						
White	211 (1.9)	215 (1.9)	211 (2.0)	217 (1.7)	214 (1.5)	216 (1.6)
Black	182 (5.0)	173 (4.7)	171 (5.4)	175 (3.8)	173 (3.2)	182 (2.3)
Hispanic	189 (5.8)	190 (3.5)	184 (4.1)	189 (3.6)	189 (3.1)	191 (3.2)
Parental education						
Not high school graduate	179 (4.6)	194 (5.4)	186 (3.9)	191 (3.2)	188 (7.8)	190 (5.5)
Graduated high school	192 (3.4)	199 (3.0)	197 (3.0)	202 (3.2)	202 (2.3)	203 (2.3)
Post high school	208 (6.5)	211 (6.3)	214 (4.0)	201 (4.5)	212 (4.0)	205 (5.2)
Graduated college	218 (3.0)	212 (2.2)	209 (1.6)	214 (1.4)	212 (2.1)	214 (1.7)
Control of school						
Public	202 (1.8)	204 (2.0)	200 (1.4)	205 (1.6)	204 (1.8)	206 (1.5)
Private	215 (4.6)	216 (4.1)	216 (5.7)	222 (3.3)	213 (4.3)	218 (3.2)
Region						
Northeast	212 (4.0)	204 (4.9)	211 (3.6)	216 (4.0)	210 (4.0)	213 (2.8)
Southeast	204 (3.3)	200 (2.3)	192 (4.0)	193 (2.4)	198 (3.4)	200 (3.4)
Central	201 (2.6)	212 (3.0)	203 (3.1)	214 (3.1)	209 (3.3)	212 (3.1)
West	201 (4.9)	207 (3.4)	201 (2.7)	206 (2.2)	203 (2.7)	205 (2.5)
8th graders						
Total	267 (2.0)	264 (1.3)	257 (1.2)	274 (1.3)	265 (1.3)	264 (1.0)
Male	258 (2.3)	254 (1.5)	246 (1.5)	264 (1.9)	254 (1.8)	251 (1.1)
Female	276 (2.4)	274 (1.7)	268 (1.3)	285 (1.3)	278 (1.4)	276 (1.2)
Race/ethnicity						
White	272 (2.1)	269 (1.3)	262 (1.6)	279 (1.3)	272 (1.4)	271 (1.0)
Black	247 (5.7)	246 (3.5)	239 (2.3)	258 (4.0)	245 (3.4)	242 (2.6)
Hispanic	247 (6.4)	250 (2.5)	246 (2.8)	265 (2.2)	252 (3.3)	246 (2.3)
Parental education						
Not high school graduate	258 (4.8)	254 (3.9)	246 (3.7)	258 (5.3)	250 (4.1)	245 (4.5)
Graduated high school	261 (1.6)	258 (2.1)	253 (1.4)	268 (1.6)	259 (2.2)	258 (1.9)
Post high school	271 (3.9)	275 (3.3)	267 (3.0)	280 (2.2)	270 (3.1)	270 (2.4)
Graduated college	278 (1.8)	271 (1.8)	265 (1.8)	284 (1.9)	275 (1.3)	274 (1.3)
Control of school						
Public	264 (2.0)	262 (1.5)	254 (1.2)	272 (1.3)	264 (1.6)	263 (1.2)
Private	282 (5.5)	276 (3.0)	277 (4.4)	288 (3.2)	279 (3.8)	272 (3.3)
Region						
Northeast	273 (3.6)	265 (2.7)	261 (3.3)	285 (3.3)	277 (2.2)	264 (2.4)
Southeast	267 (3.6)	268 (2.3)	252 (2.8)	266 (2.2)	259 (2.1)	260 (3.5)
Central	264 (2.3)	258 (2.2)	259 (3.9)	277 (2.0)	270 (4.1)	268 (2.3)
West	264 (3.0)	264 (2.1)	255 (2.6)	271 (2.3)	259 (1.6)	263 (1.3)
11th graders						
Total	290 (1.6)	291 (1.3)	287 (1.0)	287 (1.4)	285 (1.2)	283 (1.2)
Male	281 (1.4)	282 (2.0)	276 (1.6)	279 (1.2)	276 (1.5)	275 (1.4)
Female	299 (2.5)	299 (1.2)	298 (1.5)	296 (2.0)	293 (1.5)	292 (1.4)
Race/ethnicity						
White	297 (1.8)	296 (1.3)	293 (1.2)	294 (1.2)	291 (1.4)	289 (1.5)
Black	270 (3.6)	275 (2.9)	268 (2.3)	263 (3.2)	267 (2.2)	267 (3.0)
Hispanic	259 (6.6)	274 (4.4)	277 (2.6)	274 (3.8)	271 (4.0)	269 (2.5)
Parental education						
Not high school graduate	274 (5.2)	276 (3.5)	268 (4.0)	271 (3.7)	269 (4.7)	260 (3.0)
Graduated high school	284 (3.0)	285 (2.2)	278 (1.9)	278 (2.2)	279 (1.7)	275 (1.6)
Post high school	298 (2.5)	296 (2.6)	292 (2.7)	292 (2.0)	286 (1.7)	287 (2.1)
Graduated college	300 (2.4)	299 (2.0)	298 (2.0)	296 (1.4)	293 (1.5)	291 (1.9)
Control of school						
Public	288 (1.6)	290 (1.2)	286 (1.1)	287 (1.6)	284 (1.4)	283 (1.4)
Private	305 (3.7)	300 (3.6)	306 (5.2)	295 (4.4)	291 (3.8)	287 (6.6)
Region						
Northeast	291 (3.0)	295 (2.8)	295 (2.5)	290 (2.3)	291 (2.4)	290 (2.2)
Southeast	287 (4.9)	289 (2.2)	280 (2.3)	278 (3.3)	277 (2.5)	273 (2.2)
Central	291 (2.7)	292 (4.0)	289 (2.7)	291 (2.2)	284 (2.3)	285 (2.5)
West	289 (3.7)	289 (2.3)	285 (2.1)	289 (2.1)	287 (2.7)	284 (2.2)

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The writing scale score ranges from 0 to 500 and is defined as the average of a respondent's estimated scores on specific writing tasks. The average response method is used to estimate average writing achievement for each participant as if each had performed all 11 writing tasks. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared September 1997.)

Table 116.—Student values and attitudes toward writing, by grade level: 1984, 1990, 1992, and 1994

Statements about writing	Percent of students reporting the statement is true more than half the time, by grade level											
	Grade 4				Grade 8				Grade 11			
	1984	1990	1992	1994	1984	1990	1992	1994	1984	1990	1992	1994
1	2	3	4	5	6	7	8	9	10	11	12	13
Writing helps me think more clearly	—	—	—	—	44	46	42	42	52	47	50	54
Writing helps me tell others what I think	—	—	—	—	52	56	52	54	55	58	57	58
Writing helps tell others how I feel	—	—	—	—	50	56	52	52	55	60	60	60
Writing helps me understand my own feelings	—	—	—	—	40	47	44	45	47	50	49	54
People who write well have a better chance of getting good jobs	—	—	—	—	47	53	51	51	54	58	59	58
People who write well are more influential	—	—	—	—	49	55	52	51	54	60	60	57
I like to write	56	57	54	56	39	42	43	42	40	39	43	42
I am a good writer	60	62	63	64	42	44	44	49	39	44	49	46
People like what I write	53	56	55	58	38	39	44	44	36	42	46	44
I write on my own outside of school	48	42	46	45	36	35	37	36	31	28	33	32
I don't like to write things that will be graded	38	33	32	33	31	36	37	38	27	30	30	33
If I didn't have to write for school, I wouldn't write anything	33	27	28	27	17	19	18	21	15	16	17	17

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *NAEP 1994 Trends in Academic Progress*, by Educational Testing Service. (This table was prepared March 1997.)

Table 117.—Percent of students at or above selected history proficiency levels, by selected characteristics and grade level: 1994

Selected characteristics of students	Percentage of 4th graders				Percentage of 8th graders				Percentage of 12th graders			
	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	36	64	17	2	39	61	14	1	57	43	11	1
Sex												
Male	38	62	18	2	39	61	15	1	55	45	12	1
Female	35	65	16	2	39	61	13	1	60	40	9	1
Race/ethnicity												
White	26	74	22	3	29	71	17	1	50	50	13	1
Black	64	36	4	0	67	33	4	0	83	17	2	0
Hispanic	59	41	6	1	59	41	5	0	78	22	4	0
Asian	36	64	22	4	28	72	23	2	54	46	16	2
Pacific Islander	41	59	16	3	48	52	11	1	67	33	7	1
American Indian	49	51	9	0	58	42	5	0	70	30	5	0
Region												
Northeast	37	63	18	3	31	69	19	1	54	46	13	1
Southeast	39	61	15	2	49	51	9	0	63	37	8	0
Central	29	71	20	3	31	69	17	1	55	45	11	1
West	39	61	16	1	42	58	11	1	57	43	10	1
Parents' level of education												
Not high school graduate	63	37	2	0	63	37	3	0	85	15	1	0
Graduated high school	43	57	10	1	50	50	7	0	71	29	4	0
Some college	26	74	21	3	32	68	14	0	58	42	8	1
Graduated college	26	74	25	4	26	74	22	1	44	56	17	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1994 U.S. History Report Card*. (This table was prepared November 1995.)

Table 118.—Average student proficiency in geography and U.S. history, by student characteristics: 1994

Characteristic	Percentage distribution of 12th graders in geography	Geography scores			History scores			Characteristic	Percentage distribution of 12th graders in geography	Geography scores			History scores		
		4th graders	8th graders	12th graders	4th graders	8th graders	12th graders			4th graders	8th graders	12th graders	4th graders	8th graders	12th graders
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
United States ..	100	206	260	285	205	259	286								
Sex								Type of school							
Male	50	208	262	288	203	259	288	Public	89	204	258	283	203	257	284
Female	50	203	258	281	206	259	285	Nonpublic schools	11	221	276	294	222	278	299
Race								Catholic schools	6	222	276	291	221	279	298
White	74	218	270	291	215	267	292	Other nonpublic	4	220	276	298	224	277	299
Black	12	168	229	258	177	239	265	Parents' level of education							
Hispanic	8	183	239	268	180	243	267	Not high school graduate ..	7	186	238	263	177	241	263
Region								Graduated high school	22	197	250	274	197	251	276
Northeast	21	203	266	284	204	266	289	Some college	25	216	265	286	214	264	287
Southeast	23	200	252	278	201	251	282	Graduated college	44	216	272	294	216	270	296
Central	28	215	268	289	212	266	288								
West	29	205	255	286	202	256	286								

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). As with the NAEP reading scale, these scales range from 0 to 500. However, the distribution of scores varies by subject. Therefore, direct score comparisons among the subjects should be avoided.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1994 U.S. History Report Card*, and *The Geography Report Card*, prepared by Educational Testing Service. (This table was prepared November 1995.)

Table 119.—Percent of students at or above selected geography proficiency levels, by selected characteristics and grade level: 1994

Selected characteristics of students	Percentage of 4th graders				Percentage of 8th graders				Percentage of 12th graders			
	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced	Below basic	At or above basic	At or above proficient	At or above advanced
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	30	70	22	3	29	71	28	4	30	70	27	2
Sex												
Male	29	71	26	4	28	72	30	5	27	73	32	2
Female	32	68	19	2	31	69	25	3	33	67	22	1
Race/ethnicity												
White	19	81	29	4	18	82	36	5	22	78	33	2
Black	66	34	3	0	66	34	5	0	68	32	5	0
Hispanic	51	49	10	1	50	50	10	1	52	48	10	0
Asian	21	79	32	5	21	79	40	8	31	69	32	3
Region												
Northeast	33	67	22	3	24	76	33	6	31	69	25	2
Southeast	36	64	17	2	38	62	21	3	40	60	20	1
Central	22	78	28	4	20	80	36	6	25	75	32	2
West	30	70	21	3	33	67	23	3	28	72	29	2
Parents' level of education												
Not high school graduate	48	52	8	0	53	47	8	1	59	41	7	0
Graduated high school	37	63	15	1	38	62	15	1	44	56	14	0
Some college	20	80	30	3	21	79	29	3	25	75	24	1
Graduated college	22	78	31	5	18	82	41	7	19	81	40	3

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1994 Geography Report Card*. (This table was prepared November 1995.)

Table 120.—Average mathematics proficiency, by age and by selected characteristics of students: 1973 to 1996

Selected characteristics of students	1973	1978	1982	1986	1990	1992	1994	1996
1	2	3	4	5	6	7	8	9
9-year-olds ¹								
Total	219 (0.8)	219 (0.8)	219 (1.1)	222 (1.0)	230 (0.8)	230 (0.8)	231 (0.8)	231 (0.8)
Male	218 (0.7)	217 (0.7)	217 (1.2)	222 (1.1)	229 (0.9)	231 (1.0)	232 (1.0)	233 (1.2)
Female	220 (1.1)	220 (1.0)	221 (1.2)	222 (1.2)	230 (1.1)	228 (1.0)	230 (0.9)	229 (0.7)
Race/ethnicity								
White	225 (1.0)	224 (0.9)	224 (1.1)	227 (1.1)	235 (0.8)	235 (0.8)	237 (1.0)	237 (1.0)
Black	190 (1.8)	192 (1.1)	195 (1.6)	202 (1.6)	208 (2.2)	208 (2.0)	212 (1.6)	212 (1.4)
Hispanic	202 (2.4)	203 (2.2)	204 (1.3)	205 (2.1)	214 (2.1)	212 (2.3)	210 (2.3)	215 (1.7)
Parental education								
Not high school graduate	— —	200 (1.5)	199 (1.7)	201 (2.5)	210 (2.3)	217 (2.2)	210 (3.0)	220 (3.3)
Graduated high school	— —	219 (1.1)	218 (1.1)	218 (1.6)	226 (1.2)	222 (1.5)	225 (1.3)	221 (1.7)
Some education after high school	— —	230 (1.7)	225 (2.1)	229 (2.1)	236 (2.0)	237 (1.9)	239 (2.1)	238 (2.5)
Graduated college	— —	231 (1.1)	229 (1.5)	231 (1.1)	238 (1.3)	236 (1.0)	238 (0.8)	240 (1.4)
Control of school								
Public	— —	217 (0.8)	217 (1.1)	220 (1.2)	229 (0.9)	228 (0.9)	229 (0.9)	230 (0.8)
Private	— —	231 (1.7)	232 (2.1)	230 (2.5)	238 (2.3)	242 (1.7)	245 (2.3)	239 (2.1)
Region								
Northeast	227 (1.9)	227 (1.9)	226 (1.8)	226 (2.7)	236 (2.1)	235 (1.9)	238 (2.2)	236 (2.0)
Southeast	208 (1.3)	209 (1.2)	210 (2.5)	218 (2.5)	224 (2.4)	221 (1.7)	229 (1.4)	227 (2.0)
Central	224 (1.5)	224 (1.5)	221 (2.7)	226 (2.3)	231 (1.3)	234 (1.6)	233 (1.8)	233 (2.3)
West	216 (2.2)	214 (1.3)	219 (1.8)	217 (2.4)	229 (1.8)	229 (2.3)	226 (1.6)	229 (1.3)
13-year-olds ¹								
Total	266 (1.1)	264 (1.1)	269 (1.1)	269 (1.2)	270 (0.9)	273 (0.9)	274 (1.0)	274 (0.8)
Male	265 (1.3)	264 (1.3)	269 (1.4)	270 (1.1)	271 (1.2)	274 (1.1)	276 (1.3)	276 (0.9)
Female	267 (1.1)	265 (1.1)	268 (1.1)	268 (1.5)	270 (0.9)	272 (1.0)	273 (1.0)	272 (1.0)
Race/ethnicity								
White	274 (0.9)	272 (0.8)	274 (1.0)	274 (1.3)	276 (1.1)	279 (0.9)	281 (0.9)	281 (0.9)
Black	228 (1.9)	230 (1.9)	240 (1.6)	249 (2.3)	249 (2.3)	250 (1.9)	252 (3.5)	252 (1.3)
Hispanic	239 (2.2)	238 (2.0)	252 (1.7)	254 (2.9)	255 (1.8)	259 (1.8)	256 (1.9)	256 (1.6)
Parental education								
Not high school graduate	— —	245 (1.2)	251 (1.4)	252 (2.3)	253 (1.8)	256 (1.0)	255 (2.1)	254 (2.4)
Graduated high school	— —	263 (1.0)	263 (0.8)	263 (1.2)	263 (1.2)	263 (1.2)	266 (1.1)	267 (1.1)
Some education after high school	— —	273 (1.2)	275 (0.9)	274 (0.8)	277 (1.0)	278 (1.0)	277 (1.6)	278 (1.4)
Graduated college	— —	284 (1.2)	282 (1.5)	280 (1.4)	280 (1.0)	283 (1.0)	285 (1.2)	283 (1.2)
Control of school								
Public	— —	263 (1.2)	267 (1.3)	269 (1.2)	269 (1.0)	272 (1.0)	273 (1.1)	273 (0.9)
Private	— —	279 (1.4)	281 (2.1)	276 (4.9)	280 (1.7)	283 (2.5)	285 (2.4)	286 (3.6)
Region								
Northeast	275 (2.4)	273 (2.4)	277 (2.0)	277 (2.2)	275 (2.3)	274 (2.2)	284 (1.5)	275 (2.1)
Southeast	255 (3.2)	253 (3.3)	258 (2.2)	264 (1.4)	266 (1.9)	271 (2.5)	269 (2.0)	270 (1.8)
Central	271 (1.8)	269 (1.8)	273 (2.1)	266 (4.5)	272 (2.4)	275 (1.5)	275 (3.4)	280 (1.3)
West	262 (1.9)	260 (1.9)	266 (2.4)	270 (2.1)	269 (1.6)	272 (1.4)	272 (1.7)	273 (1.9)
17-year-olds ¹								
Total	304 (1.1)	300 (1.0)	299 (0.9)	302 (0.9)	305 (0.9)	307 (0.9)	306 (1.0)	307 (1.2)
Male	309 (1.2)	304 (1.0)	302 (1.0)	305 (1.2)	306 (1.1)	309 (1.1)	309 (1.4)	310 (1.3)
Female	301 (1.1)	297 (1.0)	296 (1.0)	299 (1.0)	303 (1.1)	305 (1.1)	304 (1.1)	305 (1.4)
Race/ethnicity								
White	310 (1.1)	306 (0.9)	304 (0.9)	308 (1.0)	310 (1.0)	312 (0.8)	312 (1.1)	313 (1.4)
Black	270 (1.3)	268 (1.3)	272 (1.2)	279 (2.1)	289 (2.8)	286 (2.2)	286 (1.8)	286 (1.7)
Hispanic	277 (2.2)	276 (2.3)	277 (1.8)	283 (2.9)	284 (2.9)	292 (2.6)	291 (3.7)	292 (2.1)
Parental education								
Not high school graduate	— —	280 (1.2)	279 (1.0)	279 (2.3)	285 (2.2)	286 (2.3)	284 (2.4)	281 (2.4)
Graduated high school	— —	294 (0.8)	293 (0.8)	293 (1.0)	294 (0.9)	298 (1.7)	295 (1.1)	297 (2.4)
Some education after high school	— —	305 (0.9)	304 (0.9)	305 (1.2)	308 (1.0)	308 (1.1)	305 (1.3)	307 (1.5)
Graduated college	— —	317 (1.0)	312 (1.0)	314 (1.4)	316 (1.3)	316 (1.0)	318 (1.4)	317 (1.3)
Control of school								
Public	— —	300 (1.0)	297 (0.9)	301 (1.0)	304 (0.8)	305 (0.9)	304 (0.9)	306 (1.1)
Private	— —	314 (3.2)	311 (1.7)	320 (9.8)	318 (6.6)	320 (3.0)	319 (4.0)	316 (4.5)
Region								
Northeast	312 (1.8)	307 (1.8)	304 (2.0)	307 (1.9)	304 (2.1)	311 (2.0)	313 (2.9)	309 (3.0)
Southeast	296 (1.8)	292 (1.7)	292 (2.1)	297 (1.4)	301 (2.3)	301 (1.9)	301 (1.6)	303 (2.1)
Central	306 (1.8)	305 (1.9)	302 (1.4)	304 (1.9)	311 (2.1)	312 (2.0)	307 (2.2)	314 (2.0)
West	303 (2.0)	296 (1.8)	294 (1.9)	299 (2.7)	302 (1.5)	303 (1.5)	305 (2.4)	304 (2.3)

¹ Excludes persons not enrolled in school.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Performers at the 150 level know some basic addition and subtraction facts, and most can add two-digit numbers without regrouping. They recognize simple situations in which addition and subtraction apply. Performers at the 200 level have considerable understanding of two-digit numbers and know some basic multiplication and division facts. Performers at the 250 level have an initial understanding of the four basic operations. They can also compare information from graphs and charts, and are developing an ability to analyze simple logical relations. Performers at the 300 level can compute

decimals, simple fractions and percents. They can identify geometric figures, measure lengths and angles, and calculate areas of rectangles. They are developing the skills to operate with signed numbers, exponents, and square roots. Performers at the 350 level can apply a range of reasoning skills to solve multi-step problems. They can solve routine problems involving fractions and percents, recognize properties of basic geometric figures, and work with exponents and square roots. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, prepared by Educational Testing Service. (This table was prepared August 1997.)

Table 121.—Percent of students at or above selected mathematics proficiency levels,¹ by sex, race/ethnicity, control of school, and age: 1978 to 1996

Sex, race/ethnicity, control, and year	9-year-olds ²				13-year-olds ³				17-year-olds ³			
	Simple arithmetic facts ⁴	Beginning skills and understanding ⁵	Numerical operations and beginning problem solving ⁶	Moderately complex procedures and reasoning ⁷	Beginning skills and understanding ⁵	Numerical operations and beginning problem solving ⁶	Moderately complex procedures and reasoning ⁷	Multi-step problem solving and algebra ⁸	Beginning skills and understanding ⁵	Numerical operations and beginning problem solving ⁶	Moderately complex procedures and reasoning ⁷	Multi-step problem solving and algebra ⁸
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
1978	96.7 (0.3)	70.4 (0.9)	19.6 (0.7)	0.8 (0.1)	94.6 (0.5)	64.9 (1.2)	18.0 (0.7)	1.0 (0.2)	99.8 (0.1)	92.0 (0.5)	51.5 (1.1)	7.3 (0.4)
1982	97.1 (0.3)	71.4 (1.2)	18.8 (1.0)	0.6 (0.1)	97.7 (0.4)	71.4 (1.2)	17.4 (0.9)	0.5 (0.1)	99.9 (0.0)	93.0 (0.5)	48.5 (1.3)	5.5 (0.4)
1986	97.9 (0.3)	74.1 (1.2)	20.7 (0.9)	0.6 (0.2)	98.6 (0.2)	73.3 (1.6)	15.8 (1.0)	0.4 (0.1)	99.9 —	95.6 (0.5)	51.7 (1.4)	6.5 (0.5)
1990	99.1 (0.2)	81.5 (1.0)	27.7 (0.9)	1.2 (0.3)	98.5 (0.2)	74.7 (1.0)	17.3 (1.0)	0.4 (0.1)	100.0 —	96.0 (0.5)	56.1 (1.4)	7.2 (0.6)
1992	99.0 (0.2)	81.4 (0.8)	27.8 (0.9)	1.2 (0.3)	98.7 (0.3)	77.9 (1.1)	18.9 (1.0)	0.4 (0.2)	100.0 —	96.6 (0.5)	59.1 (1.3)	7.2 (0.6)
1994	99.0 (0.2)	82.0 (0.7)	29.9 (1.1)	1.3 (0.4)	98.5 (0.3)	78.1 (1.1)	21.3 (1.4)	0.6 (0.2)	100.0 —	96.5 (0.5)	58.6 (1.4)	7.4 (0.8)
1996	99.1 (0.2)	81.5 (0.8)	29.7 (1.0)	1.6 (0.3)	98.8 (0.2)	78.6 (0.9)	20.6 (1.2)	0.6 (0.1)	100.0 —	96.8 (0.4)	60.1 (1.7)	7.4 (0.8)
Male												
1978	96.2 (0.5)	68.9 (1.0)	19.2 (0.6)	0.7 (0.2)	93.9 (0.5)	63.9 (1.3)	18.4 (0.9)	1.1 (0.2)	99.9 (0.1)	93.0 (0.5)	55.1 (1.2)	9.5 (0.6)
1982	96.5 (0.5)	68.8 (1.3)	18.1 (1.1)	0.6 (0.1)	97.5 (0.6)	71.3 (1.4)	18.9 (1.2)	0.7 (0.2)	100.0 —	93.9 (0.6)	51.9 (1.5)	6.9 (0.7)
1986	98.0 (0.5)	74.0 (1.4)	20.9 (1.1)	0.7 (0.3)	98.5 (0.3)	73.8 (1.8)	17.6 (1.1)	0.5 (0.2)	99.9 —	96.1 (0.6)	54.6 (1.8)	8.4 (0.9)
1990	99.0 (0.3)	80.6 (1.0)	27.5 (1.0)	1.3 (0.4)	98.2 (0.3)	75.1 (1.8)	19.0 (1.2)	0.5 (0.2)	99.9 —	95.8 (0.8)	57.6 (1.4)	8.8 (0.8)
1992	99.0 (0.3)	81.9 (1.0)	29.4 (1.2)	1.4 (0.3)	98.8 (0.4)	78.1 (1.6)	20.7 (1.1)	0.5 (0.2)	100.0 —	96.9 (0.6)	60.5 (1.8)	9.1 (0.7)
1994	99.1 (0.3)	82.3 (0.9)	31.5 (1.6)	1.4 (0.4)	98.3 (0.4)	78.9 (1.5)	23.9 (1.6)	0.8 (0.3)	100.0 —	97.3 (0.6)	60.2 (2.1)	9.3 (1.0)
1996	99.1 (0.2)	82.5 (1.1)	32.7 (1.7)	2.0 (0.5)	98.7 (0.3)	79.8 (1.4)	23.0 (1.6)	0.8 (0.2)	100.0 —	97.0 (0.7)	62.7 (1.8)	9.5 (1.3)
Female												
1978	97.2 (0.3)	72.0 (1.1)	19.9 (1.0)	0.8 (0.2)	95.2 (0.5)	65.9 (1.2)	17.5 (0.7)	0.9 (0.2)	99.7 (0.1)	91.0 (0.6)	48.2 (1.3)	5.2 (0.7)
1982	97.6 (0.3)	74.0 (1.3)	19.6 (1.1)	0.5 (0.1)	98.0 (0.3)	71.4 (1.3)	15.9 (1.0)	0.4 (0.2)	99.9 (0.0)	92.1 (0.6)	45.3 (1.4)	4.1 (0.4)
1986	97.8 (0.4)	74.3 (1.3)	20.6 (1.3)	0.6 (0.3)	98.6 (0.3)	72.7 (1.9)	14.1 (1.3)	0.3 (0.1)	100.0 —	95.1 (0.7)	48.9 (1.7)	4.7 (0.6)
1990	99.1 (0.3)	82.3 (1.3)	27.9 (1.3)	1.0 (0.3)	98.9 (0.2)	74.4 (1.3)	15.7 (1.0)	0.2 (0.1)	100.0 —	96.2 (0.8)	54.7 (1.8)	5.6 (0.8)
1992	99.0 (0.3)	80.9 (1.1)	26.3 (1.5)	1.0 (0.4)	98.6 (0.2)	77.7 (1.1)	17.2 (1.4)	0.3 —	100.0 —	96.3 (0.8)	57.7 (1.6)	5.2 (0.8)
1994	98.9 (0.3)	81.7 (0.9)	28.3 (1.3)	1.1 (0.4)	98.7 (0.3)	77.3 (1.0)	18.7 (1.4)	0.5 (0.3)	100.0 —	96.0 (0.6)	57.2 (1.4)	5.5 (0.9)
1996	99.1 (0.4)	80.7 (0.9)	26.7 (1.1)	1.2 (0.4)	98.8 (0.3)	77.4 (1.1)	18.4 (1.5)	0.5 (0.2)	100.0 —	96.7 (0.6)	57.6 (2.2)	5.3 (0.8)
White, non-Hispanic												
1978	98.3 (0.2)	76.3 (1.0)	22.9 (0.9)	0.9 (0.2)	97.6 (0.3)	72.9 (0.9)	21.4 (0.7)	1.2 (0.2)	100.0 —	95.6 (0.3)	57.6 (1.1)	8.5 (0.5)
1982	98.5 (0.3)	76.8 (1.2)	21.8 (1.1)	0.6 (0.1)	99.1 (0.1)	78.3 (0.9)	20.5 (1.0)	0.6 (0.1)	100.0 —	96.2 (0.3)	54.7 (1.4)	6.4 (0.5)
1986	98.8 (0.2)	79.6 (1.3)	24.6 (1.0)	0.8 (0.3)	99.3 (0.3)	78.9 (1.7)	18.6 (1.2)	0.4 (0.1)	100.0 —	98.0 (0.4)	59.1 (1.7)	7.9 (0.7)
1990	99.6 (0.2)	86.9 (0.9)	32.7 (1.0)	1.5 (0.4)	99.4 (0.1)	82.0 (1.0)	21.0 (1.2)	0.4 (0.2)	100.0 —	97.6 (0.3)	63.2 (1.6)	8.3 (0.7)
1992	99.6 (1.1)	86.9 (0.7)	32.4 (1.0)	1.4 (0.3)	99.6 (0.2)	84.9 (1.1)	22.8 (1.3)	0.4 (0.2)	100.0 —	98.3 (0.4)	66.4 (1.4)	8.7 (0.9)
1994	99.6 (0.2)	87.0 (0.8)	35.3 (1.3)	1.5 (0.4)	99.3 (0.2)	85.5 (0.9)	25.6 (1.6)	0.7 (0.3)	100.0 —	98.4 (0.4)	67.0 (1.4)	9.4 (1.1)
1996	99.6 (0.1)	86.6 (0.8)	35.7 (1.4)	2.0 (0.4)	99.6 (0.2)	86.4 (1.0)	25.4 (1.5)	0.8 (0.2)	100.0 —	98.7 (0.4)	68.7 (2.2)	9.2 (1.0)
Black, non-Hispanic												
1978	88.4 (1.0)	42.0 (1.4)	4.1 (0.6)	0.0 —	79.7 (1.5)	28.7 (2.1)	2.3 (0.5)	0.0 —	98.8 (0.3)	70.7 (1.7)	16.8 (1.6)	0.5 (0.2)
1982	90.2 (1.0)	46.1 (2.4)	4.4 (0.8)	0.0 —	90.2 (1.6)	37.9 (2.5)	2.9 (1.0)	0.0 —	99.7 (0.2)	76.4 (1.5)	17.1 (1.5)	0.5 (0.3)
1986	93.9 (1.4)	53.4 (2.5)	5.6 (0.9)	0.1 —	95.4 (0.9)	49.0 (3.7)	4.0 (1.4)	0.1 —	100.0 —	85.6 (2.5)	20.8 (2.8)	0.2 —
1990	96.9 (0.9)	60.0 (2.8)	9.4 (1.7)	0.1 —	95.4 (1.1)	48.7 (3.6)	3.9 (1.6)	0.1 —	99.9 —	92.4 (2.2)	32.8 (4.5)	2.0 (1.0)
1992	96.6 (1.1)	59.8 (2.8)	9.6 (1.4)	0.1 —	95.0 (1.4)	51.0 (2.7)	4.0 (0.7)	0.1 —	100.0 —	89.6 (2.5)	29.8 (3.9)	0.9 —
1994	97.4 (1.0)	65.9 (2.6)	11.1 (1.7)	0.0 —	95.6 (1.6)	51.0 (3.9)	6.4 (2.4)	0.3 —	100.0 —	90.6 (1.8)	29.8 (3.4)	0.4 —
1996	97.3 (0.8)	65.3 (2.4)	10.0 (1.2)	0.1 —	96.2 (1.3)	53.7 (2.6)	4.8 (1.1)	0.1 —	100.0 —	90.6 (1.3)	31.2 (2.5)	0.9 —
Hispanic												
1978	93.0 (1.2)	54.2 (2.8)	9.2 (2.5)	0.2 —	86.4 (0.9)	36.0 (2.9)	4.0 (1.0)	0.1 —	99.3 (0.4)	78.3 (2.3)	23.4 (2.7)	1.4 (0.6)
1982	94.3 (1.2)	55.7 (2.3)	7.8 (1.7)	0.0 —	95.9 (0.9)	52.2 (2.5)	6.3 (1.0)	0.0 —	99.8 —	81.4 (1.9)	21.6 (2.2)	0.7 (0.4)
1986	96.4 (1.3)	57.6 (2.9)	7.3 (2.8)	0.1 —	96.9 (1.4)	56.0 (5.0)	5.5 (1.1)	0.2 —	99.4 —	89.3 (2.5)	26.5 (4.5)	1.1 —
1990	98.0 (0.8)	68.4 (3.0)	11.3 (3.5)	0.2 —	96.8 (1.1)	56.7 (3.3)	6.4 (1.7)	0.1 —	99.6 —	85.8 (4.2)	30.1 (3.1)	1.9 (0.8)
1992	97.2 (1.3)	65.0 (2.9)	11.7 (2.5)	0.1 —	98.1 (0.7)	63.3 (2.7)	7.0 (1.2)	0.0 —	100.0 —	94.1 (2.2)	39.2 (4.9)	1.2 —
1994	97.2 (1.2)	63.5 (3.1)	9.7 (1.8)	0.0 —	97.1 (1.3)	59.2 (2.2)	6.4 (1.8)	0.0 —	100.0 —	91.8 (3.6)	38.3 (5.5)	1.4 —
1996	98.1 (0.7)	67.1 (2.1)	13.8 (2.3)	0.2 —	96.2 (0.8)	58.3 (2.3)	6.7 (1.2)	0.0 —	99.9 —	92.2 (2.2)	40.1 (3.5)	1.8 —
Public												
1978	96.4 (0.3)	68.8 (0.9)	18.5 (0.7)	0.7 (0.2)	94.1 (0.5)	63.3 (1.2)	17.0 (0.8)	0.9 (0.2)	99.8 (0.1)	91.7 (0.5)	50.6 (1.2)	7.0 (0.4)
1982	96.8 (0.4)	69.4 (1.2)	17.3 (0.9)	0.5 (0.1)	97.5 (0.4)	69.7 (1.3)	16.4 (1.0)	0.5 (0.1)	99.9 (0.0)	92.5 (0.6)	46.9 (1.3)	5.2 (0.4)
1986	97.7 (0.3)	72.7 (1.4)	19.1 (1.1)	0.6 (0.2)	98.5 (0.3)	72.9 (1.7)	15.6 (1.0)	0.4 (0.1)	99.9 —	95.5 (0.5)	50.7 (1.6)	6.1 (0.5)
1990	99.0 (0.2)	80.5 (1.1)	26.8 (1.0)	1.1 (0.3)	98.4 (0.2)	73.3 (1.2)	16.7 (1.1)	0.3 (0.1)	100.0 —	95.8 (0.6)	55.0 (1.3)	6.5 (0.5)
1992	98.8 (0.3)	79.7 (0.9)	26.1 (0.9)	1.1 (0.3)	98.5 (0.3)	76.3 (1.2)	18.0 (1.0)	0.3 (0.2)	100.0 —	96.3 (0.6)	56.9 (1.2)	6.7 (0.7)
1994	98.9 (0.3)	80.6 (0.8)	27.9 (1.2)	1.1 (0.4)	98.5 (0.3)	76.7 (1.2)	20.0 (1.4)	0.6 (0.2)	100.0 —	96.2 (0.5)	56.2 (1.3)	6.4 (0.7)
1996	99.0 (0.2)	80.7 (0.8)	28.3 (1.1)	1.5 (0.3)	98.6 (0.2)	77.2 (0.9)	19.2 (1.3)	0.6 (0.1)	100.0 —	96.7 (0.5)	59.0 (1.8)	7.1 (0.7)
Private												
1978	99.0 —	83.3 (1.9)	28.4 (2.0)	1.2 (0.4)	99.0 (0.4)	80.8 (1.7)	26.9 (1.8)	1.4 (0.4)	100.0 —	97.1 (0.6)	67.7 (3.3)	12.9 (2.7)
1982	99.0 (0.4)	84.3 (2.1)	28.6 (2.6)	1.0 (0.6)	99.5 (0.3)	85.1 (1.6)	26.3 (3.1)	1.0 (0.3)	100.0 —	98.1 (0.5)	66.3 (2.4)	8.2 (1.4)
1986	98.7 (0.8)	81.8 (2.3)	28.9 (2.7)	1.1 (0.6)	98.9 (0.6)	81.9 (3.3)	22.0 (6.8)	0.1 —	100.0 —	99.4 —	75.1 (10.6)	16.3 (9.1)
1990	99.7 —	89.3 (1.8)	35.2 (3.3)	1.8 (1.2)	99.7 —	87.0 (2.0)	23.2 (2.5)	0.7 (0.4)	100.0 —	98.2 (1.2)	71.0 (7.9)	15.7 (5.3)
1992	99.8 (0.1)	92.2 (1.2)	38.6 (2.7)	1.9 (0.7)	99.9 —	89.7 (2.1)	25.9 (3.7)	0.7 (0.4)	100.0 —	99.5 —	79.5 (3.7)	12.2 (2.7)
1994	99.8 —	92.3 (1.3)	44.4 (4.0)	2.2 (0.8)	98.7 —	88.5 (2.6)	30.7 (3.7)	1.0 —	100.0 —	98.8 (0.6)	75.7 (4.3)	14.5 (3.5)
1996	99.6 —	87.1 (1.5)	38.7 (3.0)	2.1 (1.1)	99.6 —	89.3 (3.5)	31.6 (4.8)	1.0 (0.6)	100.0 —	98.5 (0.8)	71.5 (6.4)	10.4 (1.0)

¹ As measured by the National Assessment of Educational Progress (NAEP).² Virtually no students were able to perform multi-step problems and algebra.³ Virtually all students knew simple arithmetic facts. Data are only for students enrolled in school.⁴ Scale score of 150 or above.⁵ Scale score of 200 or above.⁶ Scale score of 250 or above.⁷ Scale score of 300 or above.⁸ Scale score of 350 or above.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, prepared by Educational Testing Service. (This table was prepared September 1997.)

Table 122.—Mathematics attainment for 8th-graders in public schools, by region and state: 1996

Region and state	Average proficiency	Percent attaining mathematics achievement levels ¹				Percent of students by highest level of education attained by parents ²			
		Below basic	Basic or above ³	Proficient or above ⁴	Advanced or above ⁵	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10
United States	271 (1.1)	38 (1.1)	62 (1.1)	24 (1.1)	4 (0.5)	8 (0.5)	23 (0.8)	19 (0.8)	39 (1.4)
Region									
Northeast	277 (3.1)	33 (3.1)	67 (3.1)	27 (3.7)	5 (1.9)	—	—	—	—
Southeast	266 (2.6)	44 (3.2)	56 (3.2)	18 (1.8)	3 (0.6)	—	—	—	—
Central	277 (3.1)	31 (3.4)	69 (3.4)	29 (2.5)	5 (1.0)	—	—	—	—
West	269 (2.2)	41 (2.2)	59 (2.2)	22 (1.9)	3 (0.6)	—	—	—	—
State									
Alabama	257 (2.1)	55 (2.6)	45 (2.6)	12 (1.8)	1 (0.4)	10 (0.8)	30 (1.5)	15 (0.8)	37 (2.1)
Alaska	278 (1.8)	32 (2.3)	68 (2.3)	30 (1.6)	7 (1.1)	4 (0.7)	19 (1.1)	20 (1.1)	43 (1.5)
Arizona	268 (1.6)	43 (1.9)	57 (1.9)	18 (1.2)	2 (0.3)	9 (0.9)	18 (1.1)	21 (1.0)	38 (1.8)
Arkansas	262 (1.5)	48 (1.8)	52 (1.8)	13 (1.0)	2 (0.4)	10 (0.8)	30 (1.6)	19 (1.0)	30 (1.4)
California	263 (1.9)	49 (2.1)	51 (2.1)	17 (1.5)	3 (0.5)	10 (0.8)	17 (0.8)	16 (1.0)	38 (1.7)
Colorado	276 (1.1)	33 (1.3)	67 (1.3)	25 (1.3)	3 (0.5)	6 (0.6)	19 (0.9)	20 (0.8)	45 (1.5)
Connecticut	280 (1.1)	30 (1.4)	70 (1.4)	31 (1.5)	5 (0.6)	5 (0.6)	19 (0.9)	17 (0.8)	51 (1.3)
Delaware	267 (0.9)	45 (1.3)	55 (1.3)	19 (1.0)	3 (0.6)	5 (0.5)	27 (1.2)	19 (0.9)	38 (1.2)
District of Columbia	233 (1.3)	80 (1.2)	20 (1.2)	5 (0.8)	1 (0.3)	7 (0.6)	28 (1.1)	18 (0.9)	33 (1.3)
Florida	264 (1.8)	46 (2.1)	54 (2.1)	17 (1.3)	2 (0.4)	8 (0.7)	23 (1.1)	18 (0.9)	40 (1.6)
Georgia	262 (1.6)	49 (2.0)	51 (2.0)	16 (1.8)	2 (0.5)	8 (0.7)	27 (1.4)	18 (1.0)	39 (2.0)
Hawaii	262 (1.0)	49 (1.5)	51 (1.5)	16 (0.9)	2 (0.4)	4 (0.5)	26 (1.1)	16 (0.8)	38 (1.0)
Indiana	276 (1.4)	32 (2.0)	68 (2.0)	24 (1.7)	3 (0.5)	7 (0.7)	30 (1.2)	21 (1.1)	36 (1.4)
Iowa	284 (1.3)	22 (1.4)	78 (1.4)	31 (1.8)	4 (0.6)	5 (0.5)	24 (1.6)	19 (0.9)	46 (1.7)
Kentucky	267 (1.1)	44 (1.6)	56 (1.6)	16 (1.2)	1 (0.3)	13 (0.8)	31 (0.9)	17 (0.8)	30 (1.3)
Louisiana	252 (1.6)	62 (2.0)	38 (2.0)	7 (1.1)	0 (0.2)	9 (0.7)	33 (1.0)	19 (0.8)	30 (1.3)
Maine	284 (1.3)	23 (1.5)	77 (1.5)	31 (1.7)	6 (0.7)	5 (0.5)	23 (0.9)	21 (1.1)	44 (1.6)
Maryland	270 (2.1)	43 (2.2)	57 (2.2)	24 (2.3)	5 (1.0)	5 (0.6)	24 (1.3)	17 (1.0)	45 (1.6)
Massachusetts	278 (1.7)	32 (2.3)	68 (2.3)	28 (1.8)	5 (0.8)	6 (0.6)	18 (1.0)	15 (0.8)	51 (1.7)
Michigan	277 (1.8)	33 (2.1)	67 (2.1)	28 (1.8)	4 (0.8)	5 (0.5)	22 (1.5)	21 (0.9)	42 (1.6)
Minnesota	284 (1.3)	25 (1.5)	75 (1.5)	34 (1.8)	6 (0.8)	3 (0.3)	21 (1.1)	19 (1.1)	50 (1.6)
Mississippi	250 (1.2)	64 (1.3)	36 (1.3)	7 (0.8)	0 (0.2)	11 (0.6)	29 (1.1)	15 (0.7)	36 (1.2)
Missouri	273 (1.4)	36 (2.0)	64 (2.0)	22 (1.4)	2 (0.5)	8 (0.6)	27 (1.0)	19 (0.9)	37 (1.6)
Montana	283 (1.3)	25 (1.7)	75 (1.7)	32 (1.5)	5 (0.5)	6 (0.8)	21 (1.1)	20 (1.2)	48 (1.5)
Nebraska	283 (1.0)	24 (1.1)	76 (1.1)	31 (1.5)	5 (0.7)	6 (0.7)	19 (1.5)	18 (1.2)	49 (2.4)
New Mexico	262 (1.2)	49 (1.6)	51 (1.6)	14 (1.1)	2 (0.3)	11 (0.9)	25 (1.1)	19 (1.0)	34 (1.3)
New York	270 (1.7)	39 (2.0)	61 (2.0)	22 (1.5)	3 (0.5)	6 (0.6)	20 (1.1)	17 (1.0)	45 (1.5)
North Carolina	268 (1.4)	44 (1.8)	56 (1.8)	20 (1.3)	3 (0.6)	7 (0.5)	24 (1.1)	20 (0.9)	40 (1.5)
North Dakota	284 (0.9)	23 (1.2)	77 (1.2)	33 (1.5)	4 (0.7)	3 (0.4)	19 (1.0)	16 (0.7)	55 (1.2)
Oregon	276 (1.5)	33 (1.7)	67 (1.7)	26 (1.6)	4 (0.7)	7 (0.6)	18 (0.9)	20 (1.0)	44 (1.7)
Rhode Island	269 (0.9)	40 (1.6)	60 (1.6)	20 (1.3)	3 (0.4)	8 (0.5)	22 (0.9)	17 (0.7)	40 (0.9)
South Carolina	261 (1.5)	52 (1.7)	48 (1.7)	14 (1.2)	2 (0.4)	9 (0.7)	28 (1.1)	17 (0.9)	37 (1.4)
Tennessee	263 (1.4)	47 (1.8)	53 (1.8)	15 (1.3)	2 (0.3)	10 (0.7)	32 (1.4)	19 (0.8)	31 (1.6)
Texas	270 (1.4)	41 (1.8)	59 (1.8)	21 (1.5)	3 (0.4)	13 (1.1)	21 (1.0)	15 (1.0)	38 (2.0)
Utah	277 (1.0)	30 (1.5)	70 (1.5)	24 (1.3)	3 (0.4)	3 (0.4)	17 (0.8)	18 (0.8)	53 (1.3)
Vermont	279 (1.0)	28 (1.7)	72 (1.7)	27 (1.4)	4 (0.6)	5 (0.5)	25 (1.1)	16 (0.9)	49 (1.4)
Virginia	270 (1.6)	42 (2.0)	58 (2.0)	21 (1.2)	3 (0.4)	8 (0.8)	26 (1.1)	16 (0.9)	42 (1.7)
Washington	276 (1.3)	33 (1.6)	67 (1.6)	26 (1.2)	4 (0.7)	6 (0.6)	16 (0.9)	21 (0.8)	46 (1.4)
West Virginia	265 (1.0)	46 (1.6)	54 (1.6)	14 (0.9)	1 (0.4)	11 (0.8)	33 (0.9)	19 (0.8)	30 (1.1)
Wisconsin	283 (1.5)	25 (2.0)	75 (2.0)	32 (2.0)	5 (0.8)	5 (0.7)	26 (1.1)	21 (0.9)	40 (1.6)
Wyoming	275 (0.9)	32 (1.2)	68 (1.2)	22 (1.0)	2 (0.6)	5 (0.5)	21 (0.9)	20 (0.8)	44 (1.2)
Outlying area									
Guam	239 (1.7)	71 (1.6)	29 (1.6)	6 (0.8)	0 —	2 (0.6)	21 (1.5)	22 (1.7)	43 (2.1)

¹ Achievement levels are in developmental status.² Excludes students who responded "I don't know" to the question about education level of parents.³ This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 8th grade.⁴ This level represents solid academic performance for 8th graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.⁵ This level signifies superior performance.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Forty-four states, the District of Columbia, and one outlying area participated in the 1996 Trial State Assessment of 8th graders. Scale ranges from 0 to 500. Results are not shown for states with a school participation rate of less than 70 percent. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Mathematics Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared August 1997.)

Table 123.—Mathematics attainment for 4th-graders in public schools, by region and state: 1996

Region and state	Average proficiency	Percent attaining mathematics achievement levels ¹				Percent of students by highest level of education attained by parents ²			
		Below basic	Basic or above ³	Proficient or above ⁴	Advanced or above ⁵	Did not finish high school	Graduated high school	Some education after high school	Graduated college
1	2	3	4	5	6	7	8	9	10
United States	224 (1.0)	36 (1.4)	64 (1.4)	21 (1.0)	2 (0.3)	4 (0.4)	13 (0.7)	7 (0.4)	37 (1.3)
Region									
Northeast	228 (2.0)	30 (2.9)	70 (2.9)	26 (1.6)	3 (0.9)	—	—	—	—
Southeast	218 (1.9)	45 (2.9)	55 (2.9)	16 (2.4)	2 (0.8)	—	—	—	—
Central	231 (2.9)	25 (2.6)	75 (2.6)	27 (2.1)	2 (0.6)	—	—	—	—
West	220 (1.7)	42 (2.8)	58 (2.8)	18 (1.7)	2 (0.5)	—	—	—	—
State									
Alabama	212 (1.2)	52 (2.0)	48 (2.0)	11 (1.1)	1 (0.2)	7 (0.8)	19 (1.0)	9 (0.7)	35 (1.6)
Alaska	224 (1.3)	35 (2.0)	65 (2.0)	21 (1.2)	2 (0.5)	3 (0.5)	10 (0.9)	8 (0.7)	34 (1.5)
Arizona	218 (1.7)	43 (2.4)	57 (2.4)	15 (1.6)	1 (0.4)	5 (0.5)	11 (0.9)	9 (0.6)	34 (1.7)
Arkansas	216 (1.5)	46 (2.2)	54 (2.2)	13 (1.4)	1 (0.3)	6 (0.6)	20 (1.0)	9 (0.7)	31 (1.3)
California	209 (1.8)	54 (2.4)	46 (2.4)	11 (1.5)	1 (0.4)	4 (0.6)	9 (0.7)	7 (0.6)	32 (1.4)
Colorado	226 (1.0)	33 (1.6)	67 (1.6)	22 (1.3)	2 (0.3)	3 (0.4)	10 (0.7)	10 (0.6)	42 (1.6)
Connecticut	232 (1.1)	25 (1.5)	75 (1.5)	31 (1.7)	3 (0.5)	3 (0.4)	9 (0.6)	8 (0.6)	47 (1.3)
Delaware	215 (0.6)	46 (1.1)	54 (1.1)	16 (1.2)	1 (0.4)	3 (0.4)	13 (0.8)	8 (0.7)	37 (1.0)
District of Columbia	187 (1.1)	80 (0.8)	20 (0.8)	5 (0.5)	1 (0.4)	4 (0.4)	15 (0.6)	6 (0.4)	42 (1.0)
Florida	216 (1.2)	45 (1.7)	55 (1.7)	15 (1.1)	1 (0.2)	4 (0.6)	12 (1.0)	7 (0.6)	38 (1.5)
Georgia	215 (1.5)	47 (2.1)	53 (2.1)	13 (1.3)	1 (0.3)	6 (0.6)	17 (0.9)	7 (0.6)	36 (1.6)
Hawaii	215 (1.5)	47 (1.6)	53 (1.6)	16 (1.1)	2 (0.4)	2 (0.3)	12 (0.7)	6 (0.5)	39 (1.2)
Indiana	229 (1.0)	28 (1.7)	72 (1.7)	24 (1.6)	2 (0.5)	4 (0.4)	19 (1.0)	9 (0.9)	37 (1.8)
Iowa	229 (1.1)	26 (1.4)	74 (1.4)	22 (1.4)	1 (0.4)	3 (0.4)	16 (0.9)	9 (0.7)	36 (1.7)
Kentucky	220 (1.1)	40 (1.8)	60 (1.8)	16 (1.1)	1 (0.3)	9 (0.9)	19 (1.1)	8 (0.7)	31 (1.2)
Louisiana	209 (1.1)	56 (1.8)	44 (1.8)	8 (0.9)	0 (0.2)	6 (0.6)	19 (1.1)	9 (0.7)	35 (1.4)
Maine	232 (1.0)	25 (1.4)	75 (1.4)	27 (1.4)	3 (0.6)	3 (0.4)	13 (0.9)	9 (0.6)	39 (1.8)
Maryland	221 (1.6)	41 (1.8)	59 (1.8)	22 (1.7)	3 (0.7)	3 (0.4)	13 (0.9)	7 (0.6)	45 (1.6)
Massachusetts	229 (1.4)	29 (1.8)	71 (1.8)	24 (1.9)	2 (0.5)	2 (0.3)	10 (0.7)	8 (0.6)	48 (1.9)
Michigan	226 (1.3)	32 (1.8)	68 (1.8)	23 (1.5)	2 (0.5)	4 (0.5)	14 (1.0)	8 (0.7)	38 (1.5)
Minnesota	232 (1.1)	24 (1.5)	76 (1.5)	29 (1.5)	3 (0.5)	2 (0.3)	11 (0.8)	7 (0.6)	42 (1.5)
Mississippi	208 (1.2)	58 (1.9)	42 (1.9)	8 (0.9)	0 (0.2)	7 (0.6)	19 (1.0)	7 (0.5)	35 (1.3)
Missouri	225 (1.1)	34 (1.7)	66 (1.7)	20 (1.3)	1 (0.3)	4 (0.5)	16 (0.9)	9 (0.7)	36 (1.6)
Montana	228 (1.2)	29 (1.9)	71 (1.9)	22 (1.6)	1 (0.4)	3 (0.4)	11 (0.8)	11 (0.8)	40 (1.5)
Nebraska	228 (1.2)	30 (1.6)	70 (1.6)	24 (1.4)	2 (0.3)	3 (0.4)	13 (0.9)	9 (0.7)	41 (1.2)
Nevada	218 (1.3)	43 (1.8)	57 (1.8)	14 (1.2)	1 (0.3)	4 (0.6)	12 (0.7)	8 (0.6)	34 (1.2)
New Jersey	227 (1.5)	32 (2.1)	68 (2.1)	25 (1.7)	3 (0.7)	3 (0.5)	12 (1.1)	7 (0.6)	46 (2.0)
New Mexico	214 (1.8)	49 (2.4)	51 (2.4)	13 (1.2)	1 (0.3)	6 (0.6)	15 (0.8)	11 (0.9)	35 (1.3)
New York	223 (1.2)	36 (1.8)	64 (1.8)	20 (1.2)	2 (0.4)	4 (0.4)	10 (0.8)	6 (0.6)	43 (1.6)
North Carolina	224 (1.2)	36 (1.6)	64 (1.6)	21 (1.3)	2 (0.4)	5 (0.6)	12 (0.8)	7 (0.6)	42 (1.7)
North Dakota	231 (1.2)	25 (1.9)	75 (1.9)	24 (1.3)	2 (0.5)	2 (0.3)	11 (0.7)	8 (0.8)	47 (1.4)
Oregon	223 (1.4)	35 (2.2)	65 (2.2)	21 (1.3)	2 (0.5)	4 (0.5)	11 (0.8)	7 (0.5)	38 (1.5)
Pennsylvania	226 (1.2)	32 (1.8)	68 (1.8)	20 (1.5)	1 (0.3)	—	—	—	—
Rhode Island	220 (1.4)	39 (2.0)	61 (2.0)	17 (1.3)	1 (0.3)	5 (0.4)	12 (0.9)	7 (0.5)	40 (1.3)
South Carolina	213 (1.3)	52 (2.0)	48 (2.0)	12 (1.3)	1 (0.3)	5 (0.5)	16 (1.0)	7 (0.8)	38 (1.2)
Tennessee	219 (1.4)	42 (2.0)	58 (2.0)	17 (1.5)	1 (0.3)	6 (0.6)	19 (0.9)	8 (0.6)	36 (1.5)
Texas	229 (1.4)	31 (1.9)	69 (1.9)	25 (1.5)	3 (0.5)	6 (0.5)	11 (0.8)	7 (0.5)	38 (1.6)
Utah	227 (1.2)	31 (1.6)	69 (1.6)	23 (1.3)	2 (0.4)	2 (0.3)	10 (0.7)	8 (0.6)	41 (1.7)
Vermont	225 (1.2)	33 (2.1)	67 (2.1)	23 (1.1)	3 (0.5)	3 (0.4)	12 (0.9)	7 (0.7)	44 (1.4)
Virginia	223 (1.4)	38 (2.2)	62 (2.2)	19 (1.5)	2 (0.5)	5 (0.7)	15 (1.0)	7 (0.7)	41 (1.8)
Washington	225 (1.2)	33 (1.8)	67 (1.8)	21 (1.2)	1 (0.2)	2 (0.3)	9 (0.7)	8 (0.6)	38 (1.5)
West Virginia	223 (1.0)	37 (1.6)	63 (1.6)	19 (1.2)	2 (0.5)	7 (0.7)	21 (0.9)	9 (0.7)	35 (1.4)
Wisconsin	231 (1.0)	26 (1.2)	74 (1.2)	27 (1.3)	3 (0.6)	2 (0.5)	13 (1.0)	8 (0.8)	38 (1.6)
Wyoming	223 (1.4)	36 (1.7)	64 (1.7)	19 (1.2)	1 (0.3)	4 (0.5)	12 (0.7)	8 (0.5)	38 (1.2)
Outlying area									
Guam	188 (1.3)	77 (1.4)	23 (1.4)	3 (0.5)	0 —	5 (0.7)	14 (1.0)	5 (0.6)	36 (1.4)

¹ Achievement levels are in developmental status.

² Excludes students who responded "I don't know" to the question about educational level of parents.

³ This level denotes partial mastery of prerequisite knowledge and skills that are fundamental for proficient work at the 4th grade.

⁴ This level represents solid academic mastery for 4th graders. Students reaching this level have demonstrated competency over challenging subject matter, including subject-matter knowledge, application of such knowledge to real-world situations, and analytical skills appropriate to the subject matter.

⁵ This level signifies superior performance.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Forty-seven states, the District of Columbia, and Guam participated in the 1996 Trial State Assessment of 4th graders. Scale ranges from 0 to 500. Results are not shown for states with a school participation rate of less than 70 percent. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Mathematics Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared August 1997.)

Table 124.—Selected characteristics of 8th-grade students in public schools, by region and state: 1992¹

Region and state	Math units required for graduation	Year of revision of state guides with NCTM standards ²	Length of school year		Passing test in math required for graduation in 1993	Percent of students with 4 or more hours of math instruction each week	Percent of students reporting					
			1989	1992			Spending 30 minutes or more on math homework each day	Spending 1 or 2 hours on all homework each day	Spending more than 2 hours on all homework each day	Positive attitudes towards math ³	Both parents living at home	Watching 6 or more hours of television each day
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	—	—	—	—	—	32	64	59	8	59	75	13
Region												
Northeast	—	—	—	—	—	35	59	62	8	56	75	14
Southeast	—	—	—	—	—	37	65	56	7	59	71	17
Central	—	—	—	—	—	24	63	65	6	63	79	11
West	—	—	—	—	—	30	68	56	10	56	75	12
State												
Alabama	2	1989	175	175	Yes	60	65	59	7	62	72	20
Alaska	2	Devel.,1994	—	180	No	—	—	—	—	—	—	—
Arizona	2	1992	175	175	No	34	65	56	5	54	76	9
Arkansas	3	1993	178	178	No	42	61	56	7	60	75	20
California	2	1991	180	180	No	43	67	63	10	56	74	10
Colorado	(4)	1994	180	(5)	No	27	65	61	7	58	77	7
Connecticut	3	Devel.,1995	180	180	No	21	61	70	9	59	79	11
Delaware	2	Devel.,1994	180	180	No	30	57	62	5	63	73	17
District of Columbia	3	1993	190	180	No	52	63	63	10	73	45	31
Florida	3	Devel.,1994	180	180	Yes	40	62	57	7	61	71	15
Georgia	3	1992	180	180	Yes	56	65	59	7	66	71	18
Hawaii	3	Devel.,1994	183	180	Yes	34	68	55	11	54	75	22
Idaho	2	1994	180	180	No	28	63	57	5	56	83	7
Illinois	2	Devel.,1994	180	180	No	—	—	—	—	—	—	—
Indiana	2	1991	180	180	No	32	62	60	6	61	78	9
Iowa	(4)	1987	180	180	No	20	61	63	4	63	83	7
Kansas	2	1991	—	180	No	—	—	—	—	—	—	—
Kentucky	3	1993	175	175	No	47	61	54	6	57	78	13
Louisiana	3	Devel.,1994	180	180	Yes	54	62	61	10	63	71	20
Maine	2	Devel.,1994	—	175	No	12	66	70	8	61	81	8
Maryland	3	1985	180	180	Yes	45	60	65	7	61	73	17
Massachusetts	(4)	1994	—	180	No	28	67	70	9	57	77	8
Michigan	3	Devel.,1994	180	180	Yes	39	67	61	7	60	75	13
Minnesota	1	Devel.,1994	175	175	No	41	64	59	5	57	85	5
Mississippi	2	1993	—	180	Yes	60	68	60	8	67	70	21
Missouri	2	1990	—	174	No	44	66	60	6	60	77	12
Montana	2	Devel.,1995	180	180	No	—	—	—	—	—	—	—
Nebraska	(4)	Devel.,1994	(5)	(5)	No	25	69	61	5	60	81	8
Nevada	2	1993	—	180	Yes	—	—	—	—	—	—	—
New Hampshire	2	1993	180	180	No	38	62	68	9	58	81	7
New Jersey	3	1993	180	180	Yes	28	62	68	10	62	78	13
New Mexico	3	1992	180	180	Yes	26	65	56	7	56	75	11
New York	2	Devel.,1994	180	180	Yes	20	54	66	9	62	75	15
North Carolina	2	1992	180	180	Yes	52	64	64	7	65	73	16
North Dakota	2	1993	180	180	No	44	70	63	6	55	85	5
Ohio	2	1990	182	182	Yes	26	62	62	6	62	74	12
Oklahoma	2	1993	175	175	No	37	69	59	7	58	78	11
Oregon	2	Devel.,1994	175	(5)	No	—	—	—	—	—	—	—
Pennsylvania	3	none	180	180	No	24	58	63	4	59	79	9
Rhode Island	2	Devel.,1994	180	180	No	43	62	67	7	56	78	9
South Carolina	3	1993	—	180	Yes	59	61	61	7	70	73	17
South Dakota	2	Devel.,1995	—	175	No	—	—	—	—	—	—	—
Tennessee	2	1991	—	180	Yes	60	67	62	6	58	73	14
Texas	3	1991	175	175	Yes	38	67	57	8	61	75	12
Utah	2	1993	—	180	No	28	62	56	5	55	85	5
Vermont	(6)	Devel.,1994	—	175	No	—	—	—	—	—	—	—
Virginia	2	1988	180	180	Yes	38	65	63	7	63	77	15
Washington	2	Devel.,1994	—	180	No	—	—	—	—	—	—	—
West Virginia	2	1992	180	180	Yes	40	57	55	5	58	78	13
Wisconsin	2	Devel.,1995	180	180	No	32	59	61	5	59	80	8
Wyoming	(4)	1990	175	175	No	24	60	55	5	58	81	8
Outlying areas												
Guam	—	—	—	—	—	28	68	47	12	50	79	20
Virgin Islands	—	—	—	180	—	31	61	47	11	75	56	32

¹ Data are for 1992 unless otherwise specified.

² Standards recommended by the National Council of Teachers of Mathematics.

³ Percent of students agreeing or strongly agreeing with positive statements about mathematics.

⁴ Local board determines.

⁵ No statewide policy.

⁶ 5 units of math and science combined.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *The State of Mathematics Achievement*, by Educational Testing Service; and Council of Chief State School Officers, *State Education Indicators*. (This table was prepared June 1994.)

Table 125.— Mathematics proficiency of 17-year-olds, by highest mathematics course taken, sex, and race/ethnicity: 1978 to 1996

Year, sex, and race/ethnicity	Percent of students	Average proficiency by highest mathematics course taken						Percent of students at or above			
		All areas	Prealgebra or general mathematics	Algebra I	Geometry	Algebra II	Precalculus or calculus	200 ¹	250 ²	300 ³	350 ⁴
1	2	3	4	5	6	7	8	9	10	11	12
1978											
Total	100.0	300.4	267	286	307	321	334	99.8	92.0	51.5	7.3
Male	48.7	303.8	269	289	310	325	337	99.9	93.0	55.1	9.5
Female	51.3	297.1	265	284	304	318	329	99.7	91.0	48.2	5.2
White	83.1	305.9	272	291	310	325	338	100.0	95.6	57.6	8.5
Black	11.8	268.4	247	264	281	292	297	98.8	70.7	16.8	0.5
Hispanic	4.0	276.3	256	273	294	303	306	99.3	78.3	23.4	1.4
Other ⁵	1.1	312.9	—	—	—	—	—	100.0	94.5	64.7	15.4
1990											
Total	100.0	304.6	273	288	299	319	344	100.0	96.0	56.1	7.2
Male	48.6	306.3	274	291	302	323	347	99.9	95.8	57.6	8.8
Female	51.4	302.9	271	285	296	316	341	100.0	96.2	54.7	5.6
White	73.3	309.5	277	292	304	323	347	100.0	97.6	63.2	8.3
Black	15.6	288.5	264	278	285	302	329	99.9	92.4	32.8	2.0
Hispanic	6.9	283.5	259	278	286	306	323	99.6	85.8	30.1	1.9
Other ⁵	4.2	312.5	—	—	—	—	—	100.0	97.9	61.6	15.9
1992											
Total	100.0	306.7	271	289	302	320	343	100.0	96.6	59.1	7.2
Male	50.7	308.9	275	291	306	323	344	100.0	96.9	60.5	9.1
Female	49.3	304.5	267	287	297	317	341	100.0	96.3	57.7	5.2
White	74.7	311.9	276	293	306	323	347	100.0	98.3	66.4	8.7
Black	14.8	285.8	256	279	283	301	313	100.0	89.6	29.8	0.9
Hispanic	7.4	292.2	269	285	297	312	320	100.0	94.1	39.2	1.2
Other ⁵	3.1	317.1	—	—	—	—	—	100.0	96.5	69.8	16.9
1994											
Total	100.0	306.2	272	288	297	316	340	100.0	96.5	58.6	7.4
Male	49.5	308.5	274	289	301	320	343	100.0	97.3	60.2	9.3
Female	50.5	304.1	268	286	293	313	337	100.0	96.0	57.2	5.5
White	72.5	312.3	275	292	301	320	344	100.0	98.4	67.0	9.4
Black	15.5	285.5	—	275	283	297	—	100.0	90.6	29.8	0.4
Hispanic	8.8	290.8	—	—	—	304	—	100.0	91.8	38.3	1.4
Other ⁵	3.2	312.7	—	—	—	—	—	100.0	97.0	66.4	12.1
1996											
Total	100.0	307.2	269	283	298	316	339	100.0	96.8	60.4	7.4
Male	49.5	309.5	272	287	302	320	342	100.0	97.0	62.7	9.5
Female	50.5	304.9	265	278	294	313	335	100.0	96.7	57.6	5.3
White	71.0	313.4	273	287	304	320	342	100.0	98.7	68.7	9.2
Black	15.0	286.4	—	273	280	299	—	100.0	90.6	31.2	0.9
Hispanic	9.0	292.0	—	—	—	306	—	99.9	92.2	40.1	1.8
Other ⁵	5.0	—	—	—	—	—	—	100.0	97.4	63.5	13.7

¹ Indicates ability to perform simple additive reasoning and problem solving.² Indicates ability to perform simple multiplicative reasoning and 2-step problem solving.³ Indicates ability to perform reasoning and problem solving involving fractions, decimals, percents, elementary geometry, and simple algebra.⁴ Indicates ability to perform reasoning and problem solving involving geometry, algebra, and beginning statistics and probability.⁵ Includes Asian/Pacific Islanders and American Indians/Alaskan Natives.

—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Scale ranges from 0 to 500.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, prepared by Educational Testing Service. (This table was prepared September 1997.)

Table 126.—Percent of students at or above selected science proficiency levels,¹ by sex, race/ethnicity, control of school, and age: 1977 to 1996

Sex, race/ethnicity, control, and year	9-year-olds ²				13-year-olds ³				17-year-olds ³			
	Know everyday science facts ⁴	Understand simple scientific principles ⁵	Apply general scientific information ⁶	Analyze scientific procedures and data ⁷	Understand simple scientific principles ⁵	Apply general scientific information ⁶	Analyze scientific procedures and data ⁷	Integrate specialized scientific information ⁸	Understand simple scientific principles ⁵	Apply general scientific information ⁶	Analyze scientific procedures and data ⁷	Integrate specialized scientific information ⁸
1	2	3	4	5	6	7	8	9	10	11	12	13
Total												
1977	93.5 (0.6)	68.0 (1.1)	25.7 (0.7)	3.2 (0.3)	86.0 (0.7)	48.8 (1.1)	11.1 (0.5)	0.7 (0.1)	97.1 (0.2)	81.6 (0.7)	41.7 (0.9)	8.5 (0.4)
1982	95.2 (0.7)	70.7 (1.9)	24.3 (1.8)	2.3 (0.7)	89.8 (0.8)	50.9 (1.6)	9.6 (0.7)	0.4 (0.1)	95.7 (0.5)	76.6 (1.0)	37.3 (0.9)	7.1 (0.4)
1986	96.2 (0.3)	72.0 (1.1)	27.5 (1.4)	3.0 (0.5)	91.6 (1.0)	52.5 (1.6)	9.1 (0.9)	0.2 (0.1)	97.1 (0.5)	80.7 (1.3)	41.3 (1.4)	7.9 (0.7)
1990	97.0 (0.3)	76.4 (0.9)	31.1 (0.8)	3.1 (0.3)	92.3 (0.7)	56.5 (1.0)	11.2 (0.6)	0.4 (0.1)	96.7 (0.3)	81.2 (0.9)	43.3 (1.3)	9.2 (0.5)
1992	97.4 (0.3)	78.0 (1.2)	32.8 (1.0)	3.4 (0.3)	93.1 (0.5)	61.3 (1.1)	12.0 (0.8)	0.2 (0.1)	97.8 (0.5)	83.3 (1.2)	46.6 (1.5)	10.1 (0.7)
1994	97.2 (0.4)	77.4 (1.0)	33.7 (1.2)	3.8 (0.4)	92.4 (0.6)	59.5 (1.1)	11.8 (0.9)	0.2 (0.1)	97.1 (0.7)	83.1 (1.2)	47.5 (1.3)	10.0 (0.8)
1996	96.8 (0.4)	76.1 (1.2)	32.2 (1.3)	4.4 (0.4)	92.0 (0.8)	57.6 (1.1)	12.3 (0.7)	0.4 (0.2)	97.8 (0.3)	83.8 (0.9)	48.4 (1.3)	10.8 (1.0)
Male												
1977	94.3 (0.5)	69.5 (1.2)	27.4 (0.9)	3.7 (0.3)	87.2 (0.8)	52.3 (1.3)	13.1 (0.6)	0.9 (0.2)	97.8 (0.2)	85.2 (0.7)	48.8 (1.1)	11.8 (0.6)
1982	95.0 (1.0)	69.7 (2.0)	25.6 (2.6)	2.5 (1.0)	91.9 (0.8)	56.2 (1.8)	12.6 (1.1)	0.5 (0.2)	96.8 (0.5)	81.2 (1.2)	45.2 (1.2)	10.4 (0.8)
1986	96.8 (0.5)	74.1 (1.4)	29.9 (2.0)	3.8 (0.6)	92.9 (1.0)	57.3 (2.1)	11.9 (1.3)	0.3 (0.2)	97.4 (0.7)	82.4 (1.4)	48.8 (2.1)	11.4 (1.3)
1990	96.8 (0.5)	76.3 (1.2)	33.1 (1.1)	4.2 (0.6)	92.7 (0.8)	59.8 (1.3)	14.0 (0.9)	0.6 (0.2)	96.8 (0.5)	82.5 (1.2)	48.2 (1.6)	13.0 (0.8)
1992	97.7 (0.3)	80.4 (1.4)	37.2 (1.7)	4.6 (0.6)	93.1 (0.8)	62.9 (1.4)	14.2 (1.1)	0.3 (0.1)	98.0 (0.6)	85.0 (1.4)	50.9 (2.0)	13.6 (1.0)
1994	97.1 (0.4)	77.6 (0.9)	35.3 (1.4)	4.5 (0.7)	92.2 (0.8)	62.0 (1.3)	14.8 (1.1)	0.3 (0.2)	97.1 (0.6)	84.9 (1.3)	52.9 (1.8)	13.8 (1.2)
1996	96.9 (0.5)	76.8 (1.8)	33.9 (1.9)	5.2 (0.7)	93.2 (0.9)	61.7 (1.4)	15.5 (0.9)	0.7 (0.2)	97.5 (0.5)	83.8 (1.1)	53.1 (1.5)	14.2 (1.4)
Female												
1977	92.8 (0.7)	66.5 (1.1)	24.0 (0.9)	2.6 (0.3)	84.7 (0.8)	45.4 (1.2)	9.0 (0.5)	0.4 (0.1)	96.4 (0.3)	78.0 (1.0)	34.8 (1.0)	5.3 (0.4)
1982	95.5 (1.2)	71.8 (2.2)	23.0 (2.0)	2.1 (0.6)	87.9 (1.0)	46.0 (1.6)	6.9 (0.7)	0.2 (0.1)	94.6 (0.8)	72.2 (1.3)	29.9 (1.2)	3.9 (0.4)
1986	95.6 (0.6)	70.0 (1.3)	25.1 (1.4)	2.2 (0.5)	90.3 (1.2)	47.7 (1.7)	6.3 (1.1)	0.1 (0.1)	96.9 (0.5)	79.1 (1.7)	34.1 (1.5)	4.5 (0.8)
1990	97.1 (0.4)	76.4 (1.1)	29.1 (1.0)	2.0 (0.3)	92.0 (0.8)	53.3 (1.4)	8.5 (0.6)	0.2 —	96.6 (0.6)	79.9 (1.4)	38.7 (1.7)	5.5 (0.5)
1992	97.1 (0.5)	75.7 (1.2)	28.6 (1.1)	2.2 (0.3)	93.1 (0.7)	59.6 (1.4)	9.9 (0.8)	0.2 —	97.5 (0.7)	81.6 (1.4)	42.0 (1.7)	6.6 (1.0)
1994	97.3 (0.5)	77.2 (1.4)	32.2 (1.5)	3.2 (0.4)	92.6 (0.6)	57.1 (1.4)	8.8 (1.0)	0.1 —	97.2 (1.0)	81.6 (1.6)	42.4 (1.8)	6.4 (0.6)
1996	96.6 (0.6)	75.5 (1.0)	30.7 (1.9)	3.6 (0.6)	90.9 (1.2)	53.8 (1.5)	9.2 (0.8)	0.2 —	98.1 (0.4)	83.7 (1.1)	43.9 (1.7)	7.4 (1.0)
White, non-Hispanic												
1977	97.7 (0.3)	76.8 (0.7)	30.8 (0.7)	3.9 (0.3)	92.2 (0.5)	56.5 (0.9)	13.4 (0.5)	0.8 (0.1)	99.2 (0.1)	88.2 (0.4)	47.5 (0.7)	10.0 (0.4)
1982	98.3 (0.4)	78.4 (2.0)	29.4 (2.1)	2.9 (0.9)	94.4 (0.6)	58.3 (1.4)	11.5 (0.8)	0.4 (0.1)	98.6 (0.2)	84.9 (0.9)	43.9 (1.1)	8.6 (0.6)
1986	98.2 (0.3)	78.9 (1.0)	32.7 (1.5)	3.8 (0.6)	96.1 (0.8)	61.0 (1.7)	11.3 (1.2)	0.3 (0.1)	98.8 (0.3)	87.8 (1.4)	48.7 (1.7)	9.6 (0.9)
1990	99.2 (0.2)	84.4 (0.7)	37.5 (1.1)	3.9 (0.4)	96.9 (0.4)	66.5 (1.2)	14.2 (0.8)	0.5 (0.1)	99.0 (0.2)	89.6 (0.8)	51.2 (1.5)	11.4 (0.7)
1992	99.2 (0.1)	85.5 (0.9)	39.4 (1.1)	4.3 (0.4)	97.9 (0.4)	71.1 (1.3)	15.0 (1.0)	0.3 (0.1)	99.3 (0.3)	90.5 (1.0)	55.4 (1.7)	12.8 (0.9)
1994	99.1 (0.3)	85.6 (1.0)	40.8 (1.5)	4.9 (0.6)	97.6 (0.4)	70.5 (1.1)	14.8 (1.0)	0.3 (0.1)	99.3 (0.3)	91.5 (0.9)	57.5 (1.6)	13.2 (1.1)
1996	98.6 (0.3)	83.8 (1.2)	39.6 (1.5)	5.9 (0.5)	97.0 (0.5)	68.5 (1.2)	15.9 (0.8)	0.6 (0.2)	99.3 (0.3)	91.2 (0.7)	58.5 (1.6)	13.8 (1.4)
Black, non-Hispanic												
1977	72.4 (1.8)	27.2 (1.5)	3.5 (0.6)	0.2 —	57.3 (2.4)	14.9 (1.7)	1.2 (0.4)	0.0 —	83.6 (1.3)	40.5 (1.5)	7.7 (1.0)	0.4 (0.2)
1982	82.1 (3.0)	38.9 (2.7)	3.9 (1.3)	0.1 —	68.6 (2.4)	17.1 (1.9)	0.8 (0.3)	0.0 —	79.7 (1.9)	35.0 (2.1)	6.5 (1.1)	0.2 (0.2)
1986	88.6 (1.4)	46.2 (2.3)	8.3 (1.5)	0.3 —	73.6 (3.0)	19.6 (2.8)	1.1 (0.4)	0.0 —	90.9 (2.1)	52.2 (3.2)	12.5 (2.2)	0.9 (0.6)
1990	88.0 (1.3)	46.4 (3.1)	8.5 (1.1)	0.1 —	77.6 (3.6)	24.3 (3.3)	1.5 (0.5)	0.1 —	88.3 (1.9)	51.4 (3.7)	15.7 (4.0)	1.5 (0.8)
1992	90.7 (1.8)	51.3 (3.5)	9.2 (1.4)	0.3 —	73.8 (2.8)	26.2 (2.8)	1.8 (0.8)	0.0 —	92.1 (1.8)	55.7 (3.7)	14.1 (2.5)	0.8 —
1994	91.0 (1.5)	51.6 (2.3)	11.1 (1.4)	0.2 —	73.5 (3.2)	22.4 (4.3)	2.2 —	0.0 —	91.1 (1.9)	58.1 (3.7)	15.4 (2.3)	0.5 (0.3)
1996	91.0 (1.6)	52.2 (3.4)	10.6 (2.0)	0.3 —	75.9 (2.7)	25.5 (2.2)	1.9 (0.9)	0.0 —	93.0 (1.2)	59.8 (3.2)	17.7 (2.7)	0.8 (0.5)
Hispanic												
1977	84.6 (1.8)	42.0 (3.1)	8.8 (1.7)	0.3 —	62.2 (2.4)	18.1 (1.8)	1.8 (0.8)	0.0 —	93.1 (1.7)	61.5 (1.7)	18.5 (2.1)	1.8 (0.6)
1982	85.1 (3.1)	40.2 (6.1)	4.2 (2.7)	0.0 —	75.5 (3.3)	24.1 (5.1)	2.4 (0.9)	0.0 —	86.9 (2.9)	48.0 (2.7)	11.1 (2.0)	1.4 (0.9)
1986	89.6 (2.4)	50.1 (3.7)	10.7 (2.4)	0.2 —	76.7 (3.2)	24.9 (4.3)	1.5 (0.7)	0.0 —	93.3 (2.4)	60.0 (7.2)	14.8 (2.9)	1.1 (0.7)
1990	93.6 (1.5)	56.3 (3.7)	11.6 (2.1)	0.4 —	80.2 (2.9)	30.0 (2.8)	3.3 (0.8)	0.1 —	91.9 (2.2)	59.9 (5.0)	21.1 (3.3)	2.1 —
1992	92.4 (1.7)	55.5 (4.3)	11.7 (1.8)	0.4 —	86.2 (2.6)	36.5 (2.9)	3.3 (1.3)	0.0 —	94.6 (2.6)	68.3 (6.6)	23.0 (3.8)	2.5 (1.2)
1994	91.1 (2.3)	49.9 (3.1)	10.8 (2.5)	0.7 (0.5)	81.2 (2.5)	31.6 (3.3)	2.4 (0.9)	0.0 —	89.9 (3.3)	58.6 (7.4)	21.7 (4.1)	1.5 (0.7)
1996	92.6 (1.9)	57.8 (3.1)	13.1 (3.1)	0.4 —	81.0 (2.8)	30.9 (3.3)	3.2 (1.0)	0.0 —	94.1 (1.6)	67.6 (4.5)	23.9 (2.5)	3.0 (1.4)
Public												
1977	93.0 (0.7)	66.4 (1.3)	24.5 (0.9)	2.9 (0.3)	84.9 (0.8)	46.7 (1.2)	10.2 (0.5)	0.6 (0.1)	97.0 (0.2)	80.8 (0.7)	40.5 (0.8)	8.1 (0.4)
1982	94.9 (0.8)	69.5 (2.1)	23.9 (2.1)	2.3 (0.7)	89.2 (0.9)	49.2 (1.8)	8.9 (0.8)	0.3 (0.1)	95.4 (0.6)	75.8 (1.0)	36.6 (0.9)	6.9 (0.4)
1986	95.8 (0.4)	70.5 (1.3)	26.3 (1.5)	2.8 (0.6)	91.3 (1.0)	51.9 (1.7)	8.9 (0.9)	0.2 (0.1)	97.0 (0.5)	80.1 (1.4)	39.9 (1.5)	7.2 (0.7)
1990	96.7 (0.4)	75.5 (1.0)	30.3 (0.8)	3.0 (0.4)	91.6 (0.8)	54.7 (1.2)	10.7 (0.7)	0.4 (0.1)	96.5 (0.4)	80.4 (0.9)	42.0 (1.3)	8.7 (0.5)
1992	97.1 (0.4)	76.7 (1.3)	31.5 (1.0)	3.2 (0.3)	92.7 (0.5)	60.2 (1.2)	11.9 (0.9)	0.3 (0.1)	97.5 (0.5)	82.0 (1.2)	44.8 (1.5)	9.6 (0.8)
1994	96.9 (0.4)	76.1 (1.2)	32.5 (1.4)	3.6 (0.5)	91.9 (0.6)	57.8 (1.2)	11.3 (0.9)	0.2 (0.1)	96.8 (0.7)	81.7 (1.3)	45.3 (1.1)	9.4 (0.5)
1996	96.7 (0.5)	75.3 (1.3)	30.9 (1.4)	4.1 (0.3)	91.5 (0.8)	56.0 (1.3)	11.5 (0.8)	0.4 (0.2)	97.7 (0.4)	83.2 (1.0)	47.7 (1.3)	10.5 (1.0)
Private												
1977	98.1 (0.6)	80.3 (1.7)	35.6 (1.9)	5.1 (1.1)	95.7 (1.0)	68.8 (2.6)	19.6 (1.9)	1.6 (0.3)	99.5 (0.2)	92.9 (1.2)	58.9 (2.8)	14.8 (1.9)
1982	98.9 —	82.6 (3.5)	28.2 (5.6)	2.1 (1.2)	95.0 (1.5)	65.8 (4.1)	16.0 (2.4)	0.8 (0.5)	97.9 (0.7)	83.5 (2.8)	44.2 (2.6)	8.5 (2.3)
1986	98.2 (0.7)	79.7 (2.3)	33.8 (2.8)	4.0 (0.7)	97.3 (1.8)	66.8 (8.2)	12.8 (3.6)	0.3 —	99.8 —	96.5 (2.2)	74.6 (10.9)	23.1 (7.7)
1990	98.7 —	83.6 (2.4)	37.2 (3.0)	3.9 (1.0)	98.4 (0.8)	72.0 (2.6)	16.2 (1.5)	0.5 —	99.5 —	90.6 (4.1)	59.8 (6.7)	15.8 (3.2)
1992	99.2 —	86.2 (2.0)	40.6 (3.4)	4.6 (1.3)	96.4 (1.1)	68.9 (3.1)	13.2 (2.0)	0.1 —	100.0 —	95.5 (2.0)	63.1 (5.3)	14.1 (2.7)
1994	99.3 (0.4)	87.1 (2.4)	42.7 (2.8)	5.6 (1.0)	96.5 (1.4)	72.7 (3.2)	15.5 (2.6)	0.1 —	99.3 (0.4)	93.1 (2.3)	62.7 (5.2)	14.8 (4.0)
1996	97.2 (1.2)	81.6 (3.2)	41.1 (3.7)	6.5 (2.2)	96.0 (2.1)	70.6 (5.4)	18.2 (3.0)	1.0 —	99.0 —	90.1 (3.0)	56.3 (7.0)	13.0 (3.1)

¹ As measured by the National Assessment of Educational Progress (NAEP).

² Virtually no students were able to integrate specialized scientific information.

³ Virtually all students knew everyday science facts. Data exclude persons not enrolled in school.

⁴ Scale score of 150 or above.

⁵ Scale score of 200 or above.

⁶ Scale score of 250 or above.

⁷ Scale score of 300 or above.

⁸ Scale score of 350 or above.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress*, prepared by Educational Testing Service. (This table was prepared September 1998.)

Table 127.—Average proficiency in science for 8th-graders in public schools, by selected characteristics and state: 1996

State	Average	Race/ethnicity					Sex		Parental education ¹			
		White	Black	Hispanic	Asian	Amer- ican In- dian	Male	Female	Did not finish high school	Grad- uated high school	Some edu- cation after high school	Grad- uated college
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	148	159	120	127	150	148	149	148	131	140	155	157
Alabama	139	151	117	107	(²)	(²)	138	139	130	129	145	147
Alaska ³	153	162	(²)	137	152	129	155	150	(²)	141	155	163
Arizona	145	157	124	129	(²)	121	147	143	121	136	151	158
Arkansas ³	144	154	116	122	(²)	(²)	147	142	129	136	150	154
California	138	156	121	121	148	(²)	140	136	118	129	144	153
Colorado	155	162	142	135	155	142	156	153	133	142	157	163
Connecticut	155	165	121	122	163	(²)	156	155	129	140	155	167
Delaware	142	152	122	116	(²)	(²)	143	140	121	135	146	151
District of Columbia	113	(²)	112	98	(²)	(²)	113	113	106	107	120	121
Florida	142	155	119	129	(²)	(²)	144	140	127	132	148	150
Georgia	142	155	122	128	(²)	(²)	144	139	127	129	145	153
Hawaii	135	146	128	121	138	(²)	135	135	119	120	139	147
Indiana	153	158	125	139	(²)	(²)	154	152	139	144	156	162
Iowa ³	158	160	131	140	(²)	(²)	159	157	141	150	160	165
Kentucky	147	151	127	113	(²)	(²)	148	147	130	143	151	158
Louisiana	132	148	113	104	(²)	(²)	136	129	123	128	141	136
Maine	163	164	(²)	141	(²)	(²)	165	161	141	153	164	171
Maryland ³	145	160	124	121	161	(²)	146	145	126	136	147	153
Massachusetts	157	163	126	126	152	(²)	159	154	134	145	156	166
Michigan ³	153	161	122	134	(²)	(²)	156	150	137	144	156	161
Minnesota	159	162	130	134	152	(²)	161	157	137	151	161	165
Mississippi	133	149	119	105	(²)	(²)	134	132	125	126	142	138
Missouri	151	158	120	130	(²)	(²)	152	150	136	144	156	159
Montana ³	162	166	(²)	147	(²)	139	164	160	139	155	164	168
Nebraska	157	161	130	134	(²)	(²)	160	155	133	148	161	165
New Mexico	141	159	(²)	130	(²)	126	143	139	119	131	147	154
New York ³	146	161	120	116	155	(²)	148	143	123	138	147	157
North Carolina	147	157	126	123	(²)	136	149	145	126	134	150	158
North Dakota	162	164	(²)	137	(²)	137	163	161	148	157	160	167
Oregon	155	158	(²)	133	157	142	157	153	137	143	157	164
Rhode Island	149	155	130	118	142	(²)	150	148	123	141	154	160
South Carolina ³	139	153	122	122	(²)	(²)	141	136	125	127	145	148
Tennessee	143	151	117	104	(²)	(²)	144	142	127	135	149	154
Texas	145	161	127	129	157	(²)	147	143	128	137	152	157
Utah	156	159	(²)	133	143	(²)	159	154	129	147	156	162
Vermont ³	157	159	(²)	136	(²)	(²)	158	156	132	146	157	167
Virginia	149	158	126	132	165	(²)	150	148	127	136	152	161
Washington	150	156	127	125	149	130	152	147	128	141	154	158
West Virginia	147	149	127	122	(²)	(²)	148	147	130	142	152	156
Wisconsin ³	160	165	115	141	(²)	(²)	161	158	140	155	161	169
Wyoming	158	161	(²)	140	(²)	138	159	156	139	150	159	165
Department of Defense Overseas Schools	155	164	140	146	156	(²)	157	154	(²)	144	159	158
Guam	120	138	(²)	106	122	(²)	120	120	106	113	130	128

¹ Parents' highest level of education. Data not shown for students who did not know parents' level of education.

² Sample size is insufficient to permit a reliable estimate.

³ Did not satisfy one or more of the guidelines for school sample participation rates. Data are subject to appreciable nonresponse bias.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). The NAEP scores have been evaluated at certain performance levels. Scale

ranges from 0 to 300. Excludes states not participating in the survey. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Science Report Card for the Nation and the States*, prepared by Educational Testing Service. (This table was prepared June 1997.)

Table 128.—Average science proficiency, by age and by selected characteristics of students: 1970 to 1996

Selected characteristics of students	1970	1973	1977	1982	1986	1990	1992	1994	1996
1	2	3	4	5	6	7	8	9	10
9-year-olds ¹									
Total	225 (1.2)	220 (1.2)	220 (1.2)	221 (1.8)	224 (1.2)	229 (0.8)	231 (1.0)	231 (1.2)	230 (1.2)
Male	228 (1.3)	223 (1.3)	222 (1.3)	221 (2.3)	227 (1.4)	230 (1.1)	235 (1.2)	232 (1.3)	231 (1.7)
Female	223 (1.2)	218 (1.2)	218 (1.2)	221 (2.0)	221 (1.4)	227 (1.0)	227 (1.0)	230 (1.4)	228 (1.5)
Race/ethnicity									
White, non-Hispanic	236 (0.9)	231 (0.9)	230 (0.9)	229 (1.9)	232 (1.2)	238 (0.8)	239 (1.0)	240 (1.3)	239 (1.4)
Black, non-Hispanic	179 (1.9)	177 (1.9)	175 (1.8)	187 (3.0)	196 (1.9)	196 (2.0)	200 (2.7)	201 (1.7)	202 (3.0)
Hispanic	— —	— —	192 (2.7)	189 (4.2)	199 (3.1)	206 (2.2)	205 (2.8)	201 (2.7)	207 (2.8)
Parental education									
Not high school graduate	— —	— —	199 (2.2)	198 (6.0)	204 (2.9)	210 (2.7)	217 (2.6)	211 (3.4)	210 (2.9)
Graduated high school	— —	— —	223 (1.4)	218 (3.3)	220 (1.5)	226 (1.7)	222 (1.9)	225 (1.4)	222 (2.3)
Some college	— —	— —	237 (1.5)	229 (3.2)	236 (2.6)	238 (2.1)	237 (2.4)	239 (2.8)	242 (2.9)
Graduated college	— —	— —	232 (1.4)	231 (2.3)	235 (1.4)	236 (1.3)	239 (1.2)	239 (1.4)	240 (1.6)
Type of school									
Public	— —	— —	218 (1.4)	220 (2.0)	223 (1.4)	228 (0.9)	229 (1.0)	230 (1.4)	228 (1.3)
Private	— —	— —	235 (2.2)	232 (3.2)	233 (2.9)	237 (2.4)	240 (2.7)	242 (2.8)	238 (4.1)
Region									
Northeast	230 (2.9)	222 (2.9)	224 (1.6)	222 (2.9)	228 (3.5)	231 (2.4)	234 (2.8)	235 (2.5)	234 (2.6)
Southeast	206 (1.6)	207 (1.6)	205 (2.9)	214 (3.6)	219 (3.1)	220 (1.9)	223 (1.7)	227 (2.2)	224 (3.4)
Central	233 (3.0)	228 (3.0)	225 (2.2)	226 (3.5)	228 (2.2)	234 (1.7)	238 (1.8)	236 (2.7)	234 (2.4)
West	226 (2.2)	221 (2.2)	221 (2.2)	220 (4.1)	222 (3.2)	230 (1.8)	227 (2.2)	226 (2.7)	228 (1.9)
13-year-olds ¹									
Total	255 (1.1)	250 (1.1)	247 (1.1)	250 (1.3)	251 (1.4)	255 (0.9)	258 (0.8)	257 (1.0)	256 (1.0)
Male	257 (1.3)	252 (1.3)	251 (1.3)	256 (1.5)	256 (1.6)	259 (1.1)	260 (1.2)	259 (1.2)	260 (1.0)
Female	253 (1.2)	247 (1.2)	244 (1.2)	245 (1.3)	247 (1.5)	252 (1.1)	256 (1.0)	254 (1.2)	252 (1.3)
Race/ethnicity									
White, non-Hispanic	263 (0.8)	259 (0.8)	256 (0.8)	257 (1.1)	259 (1.4)	264 (0.9)	267 (1.0)	267 (1.0)	266 (1.1)
Black, non-Hispanic	215 (2.4)	205 (2.4)	208 (2.4)	217 (1.3)	222 (2.5)	226 (3.1)	224 (2.7)	224 (4.2)	226 (2.1)
Hispanic	— —	— —	213 (1.9)	226 (3.9)	226 (3.1)	232 (2.6)	238 (2.6)	232 (2.4)	232 (2.5)
Parental education									
Not high school graduate	— —	— —	224 (1.3)	225 (1.9)	229 (2.7)	233 (2.1)	234 (2.9)	234 (2.5)	230 (3.1)
Graduated high school	— —	— —	245 (1.1)	243 (1.3)	245 (1.4)	247 (1.3)	246 (1.4)	247 (1.2)	248 (1.7)
Some college	— —	— —	260 (1.3)	259 (1.5)	258 (1.4)	263 (1.2)	266 (1.1)	260 (2.0)	261 (1.4)
Graduated college	— —	— —	266 (1.0)	264 (1.5)	264 (1.9)	268 (1.1)	269 (1.0)	269 (1.3)	266 (1.2)
Type of school									
Public	— —	— —	245 (1.2)	249 (1.4)	251 (1.4)	254 (1.1)	257 (1.0)	255 (1.1)	254 (1.1)
Private	— —	— —	268 (2.1)	264 (3.2)	263 (6.4)	269 (1.8)	265 (2.4)	268 (2.6)	268 (5.0)
Region									
Northeast	261 (2.2)	256 (2.2)	255 (2.3)	254 (2.1)	258 (3.1)	257 (2.7)	257 (2.2)	263 (1.7)	255 (3.0)
Southeast	239 (2.4)	237 (2.4)	235 (1.8)	239 (2.3)	247 (2.2)	251 (1.9)	254 (2.8)	253 (2.6)	251 (2.7)
Central	262 (1.8)	256 (1.8)	254 (1.8)	254 (2.6)	249 (5.3)	260 (2.8)	263 (2.1)	261 (3.5)	266 (1.8)
West	255 (1.8)	248 (1.8)	243 (2.3)	252 (2.8)	252 (2.7)	253 (2.1)	258 (1.6)	252 (2.1)	254 (1.8)
17-year-olds ¹									
Total	305 (1.0)	296 (1.0)	290 (1.0)	283 (1.2)	289 (1.4)	290 (1.1)	294 (1.3)	294 (1.6)	296 (1.2)
Male	314 (1.2)	304 (1.2)	297 (1.2)	292 (1.4)	295 (1.9)	296 (1.3)	299 (1.7)	300 (2.0)	300 (1.6)
Female	297 (1.1)	288 (1.1)	282 (1.1)	275 (1.3)	282 (1.5)	285 (1.6)	289 (1.5)	289 (1.7)	292 (1.4)
Race/ethnicity									
White, non-Hispanic	312 (0.8)	304 (0.8)	298 (0.7)	293 (1.0)	298 (1.7)	301 (1.1)	304 (1.3)	306 (1.5)	307 (1.2)
Black, non-Hispanic	258 (1.5)	250 (1.5)	240 (1.5)	235 (1.7)	253 (2.9)	253 (4.5)	256 (3.2)	257 (3.1)	260 (2.4)
Hispanic	— —	— —	262 (2.2)	249 (2.3)	259 (3.8)	262 (4.4)	270 (5.6)	261 (6.7)	269 (3.3)
Parental education									
Not high school graduate	— —	— —	265 (1.3)	259 (2.4)	258 (3.1)	261 (2.8)	262 (3.8)	256 (4.2)	259 (4.0)
Graduated high school	— —	— —	284 (0.8)	275 (1.6)	277 (2.0)	276 (1.4)	280 (2.4)	279 (1.7)	282 (2.5)
Some college	— —	— —	296 (1.1)	290 (1.7)	295 (2.5)	297 (1.6)	296 (1.7)	295 (1.9)	297 (1.9)
Graduated college	— —	— —	309 (1.0)	300 (1.7)	304 (2.1)	306 (1.7)	308 (1.3)	311 (1.6)	308 (1.5)
Type of school									
Public	— —	— —	288 (1.0)	282 (1.1)	287 (1.6)	289 (1.1)	292 (1.3)	292 (1.5)	295 (1.2)
Private	— —	— —	308 (2.4)	292 (2.9)	321 (10.1)	308 (6.6)	312 (3.7)	310 (4.8)	304 (5.5)
Region									
Northeast	308 (2.5)	298 (2.5)	296 (2.2)	284 (2.0)	292 (4.3)	293 (3.2)	300 (2.4)	299 (4.2)	296 (3.3)
Southeast	287 (2.3)	283 (2.3)	276 (1.9)	276 (2.7)	284 (2.0)	284 (2.4)	283 (2.5)	288 (2.8)	288 (3.1)
Central	308 (1.9)	300 (1.9)	294 (1.5)	289 (2.6)	294 (2.3)	300 (3.0)	304 (2.7)	298 (3.7)	307 (2.6)
West	308 (1.7)	295 (1.7)	287 (1.5)	281 (2.7)	283 (3.8)	286 (2.3)	290 (3.8)	292 (4.1)	292 (2.4)

¹ Excludes persons not enrolled in school.
—Data not available.

NOTE.—These test scores are from the National Assessment of Educational Progress (NAEP). Performers at the 150 level know some general scientific facts of the type that could be learned from everyday experiences. Performers at the 200 level are developing some understanding of simple scientific principles, particularly in the life sciences. Performers at the 250 level can interpret data from simple tables and make inferences about the outcomes of experimental procedures. They exhibit knowledge and understanding of the life sciences and also demonstrate some knowledge of basic information from the physical sciences. Performers at the 300 level can evaluate the appropriateness of the design of an experiment and have the skill to apply their scientific knowledge in interpret-

ing information from text and graphs. These students also exhibit a growing understanding of principles from the physical sciences. Performers at the 350 level can infer relationships and draw conclusions using detailed scientific knowledge from the physical sciences, particularly chemistry. They also can apply basic principles of genetics and interpret the societal implications of research in this field. Scale ranges from 0 to 500. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *NAEP 1996 Trends in Academic Progress* (addendum), prepared by Educational Testing Service. (This table was prepared September 1998.)

Table 129.—Twelfth graders' achievement on history, mathematics, reading, and science tests: 1992

Achievement test	Total	Sex		Race/ethnicity					Socioeconomic status ¹			Control of school		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Twelfth graders' achievement, standardized score ²														
History	51.2	51.9	50.5	52.5	45.9	47.4	52.1	44.5	45.8	50.5	55.9	50.8	55.1	54.9
Mathematics	51.4	51.8	51.0	52.9	44.8	47.3	54.3	45.2	45.5	50.6	56.7	50.9	55.1	56.1
Reading	51.0	49.9	52.2	52.4	45.5	47.2	51.4	45.2	45.9	50.4	55.5	50.6	54.7	55.0
Science	51.1	52.4	49.7	52.9	43.3	46.5	51.8	44.8	45.4	50.5	55.9	50.7	53.9	55.0
Distribution of twelfth graders' achievement, by score quartile ³														
History	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
Lower quartile	20.2	19.6	20.9	15.5	39.6	32.4	16.8	41.1	37.6	20.5	7.9	21.4	7.1	13.8
Lower middle quartile	24.6	21.5	27.9	23.4	28.1	28.9	25.6	32.5	30.9	26.9	16.5	25.2	21.0	17.2
Upper middle quartile	26.9	26.3	27.4	28.4	21.5	23.5	25.5	13.6	21.1	27.7	29.2	26.8	31.2	22.1
Upper quartile	28.3	32.5	23.8	32.7	10.8	15.3	32.2	12.7	10.3	24.8	46.5	26.6	40.7	46.9
Mathematics	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
Lower quartile	19.7	20.1	19.2	14.8	41.2	31.6	11.9	42.8	37.0	20.4	6.5	20.9	8.2	7.6
Lower middle quartile	24.2	22.4	26.0	22.5	30.0	30.6	21.1	29.8	32.4	26.3	15.2	24.9	17.0	17.3
Upper middle quartile	27.6	26.9	28.4	29.5	20.3	22.9	28.4	18.5	22.4	29.3	28.4	27.2	34.3	28.5
Upper quartile	28.5	30.6	26.3	33.2	8.5	14.9	38.7	8.9	8.3	23.9	50.0	27.0	40.5	46.6
Reading	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
Lower quartile	21.1	25.6	16.4	16.6	38.2	31.6	23.2	41.2	36.3	21.6	9.8	22.3	8.1	14.0
Lower middle quartile	24.6	24.5	24.7	22.6	31.3	32.9	20.0	31.1	32.4	26.8	15.8	25.5	18.1	13.6
Upper middle quartile	26.4	25.0	27.9	28.3	20.7	21.2	24.9	15.5	20.8	27.4	28.6	25.8	36.3	25.2
Upper quartile	27.8	24.9	30.9	32.5	9.8	14.3	31.9	12.2	10.5	24.3	45.9	26.4	37.5	47.2
Science	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
Lower quartile	20.9	18.2	23.6	14.0	52.6	34.3	17.7	37.6	39.0	20.9	8.4	21.9	11.7	10.5
Lower middle quartile	24.5	21.1	28.1	23.0	25.2	33.8	25.2	35.8	31.9	26.8	16.0	25.0	22.0	17.4
Upper middle quartile	26.3	27.1	25.5	29.0	16.0	18.9	26.5	20.9	19.8	28.3	27.4	26.3	27.3	26.1
Upper quartile	28.3	33.6	22.7	33.9	6.2	13.1	30.5	5.7	9.3	24.1	48.3	26.8	39.0	46.0

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

² In the full data file, the standardized scores have a mean of 50 and a standard deviation of 10. Because dropouts and students who were retained in grades between 8 and 11 were excluded from this tabulation, the scores are slightly higher.

³ In the full data file, twenty-five percent of all students fall into each one of the quartile groupings. Because dropouts and students who were retained in grades between 8 and 11 were excluded from this tabulation, the scores are slightly higher.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988, Second Followup" survey. (This table was prepared July 1995.)

Table 130.—Performance of 8th-grade students in music, theatre, and visual arts, by selected characteristics of students: 1997

Selected characteristics of students	Music			Visual arts		Theatre	
	Average creating score (0 to 100 percent)	Average performing score (0 to 100 percent)	Average responding scale score (0–300)	Average creating score (0 to 100 percent)	Average responding scale score (0–300)	Average creating/performing (0 to 100 percent)	Average responding scale score (0–300)
1	2	3	4	5	6	7	8
All students	34 (1.1)	34 (1.2)	150 (1.3)	43 (0.7)	150 (1.1)	49 (2.0)	150 (5.7)
Sex							
Male	32 (1.0)	27 (1.4)	140 (1.5)	42 (0.7)	146 (1.5)	46 (2.2)	140 (6.6)
Female	37 (1.6)	40 (1.5)	160 (1.6)	45 (0.9)	154 (1.4)	52 (2.1)	158 (5.6)
Race/ethnicity							
White	36 (1.2)	36 (1.4)	158 (1.4)	46 (0.9)	159 (1.3)	52 (1.9)	159 (4.4)
Black	34 (3.6)	30 (1.9)	130 (2.3)	37 (1.8)	124 (2.0)	39 (2.2)	120 (10.1)
Hispanic	29 (2.7)	24 (3.7)	127 (3.5)	38 (1.3)	128 (2.0)	44 (2.5)	139 (6.2)
Asian	31 (3.8)	—	152 (6.2)	45 (1.6)	153 (6.4)	—	—
Parents' level of education							
Not high school graduate	24 (2.5)	21 (2.4)	129 (3.5)	36 (1.4)	125 (2.4)	42 (2.1)	131 (4.4)
Graduated high school	29 (2.0)	29 (2.4)	139 (1.3)	41 (1.1)	138 (1.8)	42 (1.9)	130 (8.5)
Some college	35 (1.3)	34 (2.4)	150 (1.8)	44 (0.8)	153 (1.8)	49 (1.8)	153 (5.1)
Graduated college	39 (1.3)	39 (1.5)	159 (1.7)	46 (0.7)	158 (1.4)	52 (2.2)	157 (5.6)
Region							
Northeast	39 (2.0)	34 (2.6)	153 (4.0)	45 (1.5)	152 (4.0)	—	—
Southeast	30 (2.7)	33 (2.4)	139 (2.7)	42 (1.0)	143 (3.3)	—	—
Central	36 (1.4)	33 (2.1)	157 (3.0)	45 (1.8)	157 (3.5)	—	—
West	33 (2.3)	35 (2.9)	152 (3.0)	43 (1.3)	149 (2.6)	51 (2.1)	157 (5.3)

—Sample size insufficient to permit a reliable estimate.

terpretive or re-creative skills of the student. Responding refers to observing, describing, analyzing, and evaluating works of art. Standard errors appear in parentheses.

NOTE.—Creating refers to expressing ideas and feelings in the form of an original work of art, for example, a dance, a piece of music, a dramatic improvisation, or a sculpture. Performing refers to performing an existing work, a process that calls upon the

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *The NAEP 1997 Arts Report Card*. (This table was prepared November 1998.)

Table 131.—Scholastic Assessment Test¹ score averages, by race/ethnicity: 1987, 1996, and 1997

Racial/ethnic background	1987	1996	1997	Percent change, 1987 to 1997	Percent change, 1996 to 1997
1	2	3	4	5	6
SAT-Verbal					
All students	507	505	505	-2	0
White	524	526	526	2	0
Black	428	434	434	6	0
Hispanic or Latino	464	465	466	2	1
Mexican American	457	455	451	-6	-4
Puerto Rican	436	452	454	18	2
Asian American	479	496	496	17	0
American Indian	471	483	475	4	-8
Other	480	511	512	32	1
SAT-Mathematical					
All students	501	508	511	10	3
White	514	523	526	12	3
Black	411	422	423	12	1
Hispanic or Latino	462	466	468	6	2
Mexican American	455	459	458	3	-1
Puerto Rican	432	445	447	15	2
Asian American	541	558	560	19	2
American Indian	463	477	475	12	-2
Other	482	512	514	32	2

¹ Formerly known as the Scholastic Aptitude Test.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors, 1997*. (Copyright © 1997 by the College Entrance Examination Board. All rights reserved.) (This table was prepared September 1998.)

NOTE.—Possible scores on each part of the SAT range from 200 to 800.

Table 132.—Scholastic Assessment Test¹ score averages for college-bound high school seniors, by sex: 1966–67 to 1997–98

School year	Scholastic Assessment Test I (recentered scale) ²						Scholastic Aptitude Test (old scale)					
	Verbal score			Mathematical score			Verbal score			Mathematical score		
	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
1966–67	—	—	—	—	—	—	466	463	468	492	514	467
1967–68	—	—	—	—	—	—	466	464	466	492	512	470
1968–69	—	—	—	—	—	—	463	459	466	493	513	470
1969–70	—	—	—	—	—	—	460	459	461	488	509	465
1970–71	—	—	—	—	—	—	455	454	457	488	507	466
1971–72	530	531	529	509	527	489	453	454	452	484	505	461
1972–73	523	523	521	506	525	489	445	446	443	481	502	460
1973–74	521	524	520	505	524	488	444	447	442	480	501	459
1974–75	512	515	509	498	518	479	434	437	431	472	495	449
1975–76	509	511	508	497	520	475	431	433	430	472	497	446
1976–77	507	509	505	496	520	474	429	431	427	470	497	445
1977–78	507	511	503	494	517	474	429	433	425	468	494	444
1978–79	505	509	501	493	516	473	427	431	423	467	493	443
1979–80	502	506	498	492	515	473	424	428	420	466	491	443
1980–81	502	508	496	492	516	473	424	430	418	466	492	443
1981–82	504	509	499	493	516	473	426	431	421	467	493	443
1982–83	503	508	498	494	516	474	425	430	420	468	493	445
1983–84	504	511	498	497	518	478	426	433	420	471	495	449
1984–85	509	514	503	500	522	480	431	437	425	475	499	452
1985–86	509	515	504	500	523	479	431	437	426	475	501	451
1986–87	507	512	502	501	523	481	430	435	425	476	500	453
1987–88	505	512	499	501	521	483	428	435	422	476	498	455
1988–89	504	510	498	502	523	482	427	434	421	476	500	454
1989–90	500	505	496	501	521	483	424	429	419	476	499	455
1990–91	499	503	495	500	520	482	422	426	418	474	497	453
1991–92	500	504	496	501	521	484	423	428	419	476	499	456
1992–93	500	504	497	503	524	484	424	428	420	478	502	457
1993–94	499	501	497	504	523	487	423	425	421	479	501	460
1994–95	504	505	502	506	525	490	428	429	426	482	503	463
1995–96	505	507	503	508	527	492	—	—	—	—	—	—
1996–97	505	507	503	511	530	494	—	—	—	—	—	—
1997–98	505	509	502	512	531	496	—	—	—	—	—	—

¹ Formerly known as the Scholastic Aptitude Test.

² Data for 1972 to 1986 were converted to the recentered scale by using a formula applied to the original mean and standard deviation. For 1987 to 1995, individual student scores were converted to the recentered scale and recomputed. For 1996 and 1997, most students received scores on the recentered scale score. Any score on the original scale was converted to the recentered scale prior to recomputing the mean.

—Data not available.

NOTE.—Possible scores on each part of the SAT range from 200 to 800. Data for the years 1966–67 through 1970–71 are estimates derived from the test scores of all participants.

SOURCE: College Entrance Examination Board, *National Report on College-Bound Seniors*, various years. (Copyright © 1997 by the College Entrance Examination Board. All rights reserved.) (This table was prepared September 1998.)

Table 133.—Scholastic Assessment Test¹ score averages, by selected student characteristics: 1996 and 1997

Selected characteristics	1996			1997		
	Verbal score	Mathematics score	Percent distribution	Verbal score	Mathematics score	Percent distribution
1	2	3	4	5	6	7
All students	505	508	100	505	511	100
High school rank						
Top tenth	591	606	22	589	606	22
Second tenth	530	539	22	529	541	23
Second fifth	494	496	28	494	498	27
Third fifth	455	448	24	455	451	23
Fourth fifth	429	418	4	428	420	4
Lowest fifth	411	401	1	411	404	1
High school grade point average						
A+ (97–100)	617	632	6	613	630	6
A (93–96)	573	583	14	570	583	15
A- (90–92)	545	554	15	542	553	16
B (80–89)	486	485	49	485	486	49
C (70–79)	432	426	15	432	428	14
D, E, or F	414	408	0	411	409	0
Intended college major						
Agriculture natural resources	491	484	2	492	486	2
Architecture environmental design	492	519	3	492	523	2
Arts: visual/performing	520	497	6	522	501	7
Biological sciences	546	545	6	545	546	6
Business and commerce	483	500	13	482	504	13
Communications	527	497	4	523	498	4
Computer or information sciences	497	522	3	498	526	4
Education	487	477	8	485	479	9
Engineering	525	569	8	523	570	8
Foreign classical language	556	534	—	554	535	0
General interdisciplinary	576	553	—	567	548	0
Health or allied services	500	505	19	499	507	19
Home economics	458	452	—	459	456	0
Language and literature	605	545	1	609	546	1
Library/archival sciences	554	512	—	561	522	0
Mathematics	552	628	1	549	623	1
Military sciences	503	505	—	505	507	0
Philosophy/religion/theology	560	536	—	558	538	1
Physical sciences	575	595	1	572	593	1
Public affairs/services	458	448	3	457	450	3
Social sciences/history	532	509	11	531	510	11
Technical/vocational	435	441	1	437	447	1
Undecided	500	507	7	504	514	7
Degree-level goal						
Certificate	434	439	1	435	444	1
Associate degree	422	415	2	422	418	2
Bachelor's degree	476	476	23	475	478	23
Master's degree	514	518	29	513	520	30
Doctoral or related degree	548	552	24	547	552	24
Other	430	438	1	432	444	1
Undecided	502	503	20	504	508	20
Family income						
Less than \$10,000	429	444	4	428	445	5
\$10,000 to \$20,000	456	464	8	454	464	9
\$20,000 to \$30,000	482	482	10	480	482	12
\$30,000 to \$40,000	497	495	12	496	497	14
\$40,000 to \$50,000	509	507	10	507	508	12
\$50,000 to \$60,000	517	517	9	515	518	11
\$60,000 to \$70,000	524	525	7	522	526	9
\$70,000 to \$80,000	531	533	6	529	533	7
\$80,000 to \$100,000	541	544	7	540	544	9
More than \$100,000	560	569	9	559	571	12
Highest level of parental education						
Less than high school	414	439	4	412	441	4
High school diploma	475	474	31	474	476	34
Associate degree	489	487	7	488	489	8
Bachelor's degree	525	529	25	524	530	28
Graduate degree	556	558	23	556	560	25

¹ Formerly known as the Scholastic Aptitude Test.
—Data not available.

SOURCE: College Entrance Examination Board, *National Report on College Bound Seniors*, various years. (Copyright © 1997 by the College Entrance Examination Board. All rights reserved). (This table was prepared September 1998).

NOTE.—Possible scores on each part of the SAT range from 200 to 800.

Table 134.—Scholastic Assessment Test¹ score averages, by state: 1987 to 1997

State	1987		1994		1995		1996		1997		Percentage of graduates taking SAT, 1997 ²
	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	Verbal	Mathematical	
1	2	3	4	5	6	7	8	9	10	11	12
United States	507	501	499	504	504	506	505	508	505	511	42
Alabama	553	535	556	547	565	555	565	558	561	555	8
Alaska	521	504	510	502	521	513	521	513	520	517	48
Arizona	539	526	519	519	524	520	525	521	523	522	29
Arkansas	556	540	552	537	556	542	566	550	567	558	6
California	500	507	489	506	492	509	495	511	496	514	45
Colorado	542	535	532	534	538	538	536	538	536	539	30
Connecticut	515	499	502	497	507	502	507	504	509	507	79
Delaware	517	496	505	491	505	494	508	495	505	498	65
District of Columbia	482	462	479	468	485	471	489	473	490	475	60
Florida	501	497	490	492	497	496	498	496	499	499	50
Georgia	478	470	474	474	483	477	484	477	486	481	63
Hawaii	481	502	477	504	483	507	485	510	483	512	54
Idaho	548	524	537	529	544	532	543	536	544	539	15
Illinois	539	540	553	562	563	574	564	575	562	578	14
Indiana	492	487	488	493	492	494	494	494	494	497	57
Iowa	588	586	580	586	589	595	590	600	589	601	5
Kansas	572	562	568	565	576	571	579	571	578	575	9
Kentucky	554	538	549	543	552	542	549	544	548	546	12
Louisiana	548	530	556	549	560	552	559	550	560	553	10
Maine	510	493	497	490	504	497	504	498	507	504	67
Maryland	513	502	505	503	506	503	507	504	507	507	64
Massachusetts	511	500	502	500	505	502	507	504	508	508	80
Michigan	534	533	547	554	559	565	557	565	557	566	11
Minnesota	548	549	569	576	580	591	582	593	582	592	9
Mississippi	561	540	559	546	572	557	569	557	567	551	4
Missouri	549	538	560	554	569	566	570	569	567	568	9
Montana	555	548	540	542	549	553	546	547	545	548	22
Nebraska	563	562	557	559	568	570	567	568	562	564	9
Nevada	516	508	506	508	511	508	508	507	508	509	32
New Hampshire	527	512	515	510	520	515	520	514	521	518	70
New Jersey	502	493	494	500	496	503	498	505	497	508	69
New Mexico	559	544	550	546	559	549	554	548	554	545	12
New York	501	495	492	497	495	498	497	499	495	502	74
North Carolina	477	468	482	482	488	482	490	486	490	488	59
North Dakota	583	573	570	573	587	602	596	599	588	595	5
Ohio	532	521	533	531	536	535	536	535	535	536	25
Oklahoma	560	539	557	554	565	553	566	557	568	560	8
Oregon	521	509	513	515	525	522	523	521	525	524	50
Pennsylvania	505	491	494	489	496	489	498	492	498	495	72
Rhode Island	509	492	496	488	502	490	501	491	499	493	70
South Carolina	474	466	473	473	478	473	480	474	479	474	56
South Dakota	587	577	558	563	579	576	574	566	574	570	4
Tennessee	563	543	562	553	571	560	563	552	564	556	13
Texas	493	486	489	500	495	501	495	500	494	501	49
Utah	577	557	582	573	585	576	583	575	576	570	4
Vermont	518	500	504	498	506	499	506	500	508	502	69
Virginia	511	499	501	495	504	494	507	496	506	497	69
Washington	532	519	511	512	519	517	519	519	523	523	46
West Virginia	534	519	516	507	525	509	526	506	524	508	18
Wisconsin	550	551	562	575	574	585	577	586	579	590	7
Wyoming	557	551	535	541	551	544	544	544	543	543	12

¹ Formerly known as the Scholastic Aptitude Test.² Based on the number of high school graduates in 1997 as projected by the Western Interstate Commission for Higher Education and the number of 1997 seniors who took the SAT I.

NOTE.—Possible scores on each part of the SAT range from 200 to 800. Rankings of states based on SAT scores alone are invalid because of the varying proportions of students in each state taking the tests.

SOURCE: College Entrance Examination Board, "College-Bound Seniors: 1997 Profile of SAT Program Test Takers," Copyright 1997 by the College Entrance Examination Board. All rights reserved. (This table was prepared September 1998.)

Table 135.—American College Testing (ACT) score¹ averages, by sex: 1970 to 1997

Type of test	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Participants:²																		
Total (in thousands)	714	822	836	835	849	739	730	777	842	855	817	796	832	876	892	945	924	959
	Test scores ³																	
Composite, total	18.6	18.5	18.5	18.3	18.5	18.6	18.8	18.7	18.8	18.6	20.6	20.6	20.6	20.7	20.8	20.8	20.9	21.0
Male	19.5	19.3	19.3	19.1	19.3	19.4	19.6	19.5	19.6	19.3	21.0	20.9	20.9	21.0	20.9	21.0	21.0	21.1
Female	17.8	17.9	17.8	17.6	17.9	17.9	18.1	18.1	18.1	18.0	20.3	20.4	20.5	20.5	20.7	20.7	20.8	20.8
English, total	17.7	17.9	17.8	17.8	18.1	18.1	18.5	18.4	18.5	18.4	20.5	20.3	20.2	20.3	20.3	20.2	20.3	20.3
Male	17.1	17.3	17.3	17.3	17.5	17.6	17.9	17.9	18.0	17.8	20.1	19.8	19.8	19.8	19.8	19.8	19.8	19.9
Female	18.3	18.3	18.2	18.2	18.6	18.6	18.9	18.9	19.0	18.9	20.9	20.7	20.6	20.6	20.7	20.6	20.7	20.7
Math, total	17.6	17.4	17.3	16.9	17.3	17.2	17.3	17.2	17.2	17.1	19.9	20.0	20.0	20.1	20.2	20.2	20.2	20.6
Male	19.3	18.9	18.9	18.4	18.6	18.6	18.8	18.6	18.4	18.3	20.7	20.6	20.7	20.8	20.8	20.9	20.9	21.3
Female	16.2	16.2	16.0	15.7	16.1	16.0	16.0	16.1	16.1	16.1	19.3	19.4	19.5	19.6	19.6	19.7	19.7	20.1
Social studies, total ⁴	17.4	17.2	17.2	17.1	17.3	17.4	17.6	17.5	17.4	17.2	—	21.2	21.1	21.2	21.2	21.3	21.3	21.3
Male	18.7	18.2	18.3	18.0	18.1	18.3	18.6	18.4	18.4	18.1	—	21.3	21.1	21.2	21.1	21.1	21.0	21.2
Female	16.4	16.4	16.4	16.4	16.5	16.6	16.9	16.7	16.6	16.4	—	21.1	21.1	21.2	21.4	21.4	21.6	21.5
Natural science, total ⁵	21.1	21.1	21.0	20.9	21.0	21.2	21.4	21.4	21.4	21.2	—	20.7	20.7	20.8	20.9	21.0	21.1	21.1
Male	22.4	22.4	22.3	22.4	22.4	22.6	22.7	22.8	22.8	22.6	—	21.3	21.4	21.5	21.6	21.6	21.6	21.7
Female	20.0	20.0	20.0	19.6	19.9	20.0	20.2	20.1	20.2	20.0	—	20.1	20.1	20.3	20.4	20.5	20.5	20.6
	Percent																	
Obtaining composite scores of—																		
28 or above	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10
17 or below	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	26
Planned major field of study																		
Business ⁶	21	20	19	18	19	21	22	23	23	22	20	18	15	13	12	12	12	13
Engineering ⁷	6	8	10	10	9	9	9	8	9	9	9	10	10	9	9	8	8	9
Social science ⁸	9	6	6	6	7	7	8	9	10	11	10	10	10	9	9	8	8	9
Education ⁹	12	9	7	6	6	6	7	8	8	8	8	10	5	8	8	8	9	11

¹ Test scores for 1990 and later data are not comparable with previous years because a new version of the ACT was introduced. Estimated average composite scores for the new version for prior years were: 1989, 20.6; 1988, 1987, and 1986, 20.8; and 1982, 20.3.

² Beginning in 1985, data are for seniors who graduated in year shown and had taken the ACT in their junior or senior years.

³ Minimum score, 1; maximum score, 36.

⁴ Beginning in 1990, the test was changed to "reading."

⁵ Beginning in 1990, the test was changed to "science reasoning."

⁶ Includes political and persuasive (e.g., sales) fields through 1975; thereafter, business and commerce.

⁷ Beginning in 1993, includes engineering and engineering related technologies.

⁸ Includes religion through 1975.

⁹ Includes education and teacher education.

—Data not available.

SOURCE: The American College Testing program, *High School Profile Report*, annual. (This table was prepared July 1998.)

Table 136.—Average number of Carnegie units earned by public high school graduates in various subject fields, by student characteristics: 1982 to 1994

Student characteristics	Total	English	His- tory/ so- cial studies	Mathematics			Science					For- eign lan- guages	Arts	Voca- tional edu- ca- tion ¹	Per- sonal use ²	Com- puter science ³
				Total	Less than algebra	Alge- bra or higher	Total	Gen- eral science	Biology	Chem- istry	Phys- ics					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1982 graduates	21.64	3.90	3.19	2.57	0.92	1.65	2.17	0.74	0.93	0.34	0.17	0.97	1.46	4.68	2.69	0.14
Male	21.44	3.86	3.19	2.65	0.99	1.66	2.24	0.77	0.89	0.35	0.22	0.78	1.29	4.63	2.80	0.16
Female	21.82	3.93	3.20	2.49	0.85	1.64	2.11	0.71	0.97	0.32	0.12	1.14	1.63	4.72	2.60	0.13
Race/ethnicity																
White	21.75	3.88	3.23	2.61	0.79	1.82	2.25	0.73	0.96	0.37	0.19	1.03	1.52	4.58	2.63	0.15
Black	21.25	4.06	3.11	2.55	1.39	1.16	2.04	0.81	0.89	0.25	0.09	0.71	1.25	4.84	2.68	0.16
Hispanic	21.30	3.89	3.03	2.26	1.23	1.03	1.78	0.77	0.79	0.16	0.06	0.76	1.31	5.26	3.02	0.09
Asian	22.43	3.82	3.18	3.16	0.71	2.44	2.59	0.50	1.09	0.60	0.40	1.96	1.31	3.23	3.17	0.23
American Indian	21.51	3.94	3.25	2.12	1.12	1.00	2.00	0.71	0.80	0.38	0.11	0.48	1.69	5.09	2.96	0.09
Academic track																
Academic ⁴	22.41	4.25	3.53	3.34	0.77	2.57	2.98	0.77	1.21	0.66	0.34	1.62	1.51	2.54	2.66	0.15
Vocational ⁵	20.99	3.52	2.79	1.81	1.03	0.78	1.44	0.71	0.63	0.07	0.03	0.35	1.02	7.55	2.48	0.16
Both ⁶	24.21	4.34	3.75	3.04	1.16	1.88	2.53	0.92	1.04	0.39	0.19	0.57	0.88	6.47	2.61	0.22
Neither ⁷	20.21	3.60	2.89	1.98	0.94	1.05	1.57	0.66	0.77	0.11	0.03	0.75	2.02	4.39	2.98	0.09
1987 graduates	23.06	4.06	3.37	3.05	0.95	2.10	2.53	0.75	1.09	0.48	0.21	1.38	1.43	4.48	2.94	0.49
Male	22.92	4.03	3.35	3.10	1.01	2.09	2.58	0.78	1.05	0.49	0.26	1.18	1.23	4.58	3.13	0.49
Female	23.18	4.09	3.39	3.00	0.89	2.11	2.49	0.73	1.13	0.47	0.16	1.57	1.63	4.38	2.75	0.49
Race/ethnicity																
White	23.14	4.06	3.33	3.06	0.84	2.22	2.59	0.74	1.12	0.51	0.23	1.38	1.49	4.55	2.86	0.50
Black	22.43	4.17	3.37	2.97	1.45	1.52	2.29	0.87	1.02	0.30	0.10	1.07	1.17	4.64	3.08	0.41
Hispanic	23.00	4.03	3.30	2.91	1.40	1.50	2.31	0.82	1.06	0.32	0.11	1.61	1.36	4.20	3.49	0.45
Asian	24.77	4.01	3.75	3.89	0.64	3.24	3.20	0.59	1.17	0.92	0.53	2.48	1.09	2.95	3.45	0.63
American Indian	23.26	4.22	3.22	3.05	1.53	1.52	2.48	0.83	1.25	0.30	0.10	0.73	1.60	4.82	3.43	0.44
Academic track																
Academic ⁴	23.65	4.28	3.67	3.56	0.72	2.84	3.07	0.73	1.26	0.74	0.34	1.92	1.61	2.77	2.88	0.50
Vocational ⁵	21.95	3.64	2.76	2.07	1.23	0.85	1.60	0.75	0.77	0.07	0.02	0.48	0.96	7.86	2.86	0.47
Both ⁶	23.92	4.20	3.50	3.17	1.19	1.98	2.50	0.88	1.11	0.38	0.14	0.89	0.83	6.38	2.65	0.64
Neither ⁷	21.16	3.62	2.86	2.19	1.22	0.97	1.71	0.71	0.86	0.12	0.02	1.03	2.11	4.42	3.61	0.31
1990 graduates	23.54	4.09	3.50	3.20	0.99	2.21	2.75	0.84	1.14	0.54	0.23	1.59	1.55	4.10	2.95	0.55
Male	23.36	4.04	3.47	3.22	1.06	2.16	2.78	0.87	1.11	0.53	0.28	1.39	1.31	4.23	3.17	0.52
Female	23.70	4.13	3.52	3.18	0.93	2.25	2.72	0.82	1.17	0.54	0.19	1.78	1.77	3.99	2.74	0.57
Race/ethnicity																
White	23.55	4.08	3.48	3.17	0.89	2.28	2.79	0.83	1.15	0.56	0.25	1.58	1.61	4.13	2.87	0.53
Black	23.41	4.25	3.51	3.25	1.33	1.92	2.68	0.97	1.11	0.44	0.16	1.23	1.34	4.39	3.02	0.61
Hispanic	23.85	4.05	3.46	3.22	1.41	1.81	2.49	0.83	1.11	0.42	0.14	1.99	1.48	3.99	3.43	0.59
Asian	24.08	4.02	3.70	3.64	0.83	2.81	2.97	0.68	1.12	0.74	0.42	2.52	1.30	2.89	3.12	0.55
American Indian	22.64	4.01	3.36	3.17	1.25	1.93	2.48	0.83	1.09	0.42	0.15	1.15	1.11	4.43	3.14	0.60
Academic track																
Academic ⁴	23.84	4.26	3.72	3.54	0.78	2.76	3.12	0.82	1.25	0.73	0.33	2.02	1.74	2.64	2.92	0.53
Vocational ⁵	22.53	3.58	2.75	2.18	1.46	0.72	1.77	0.88	0.80	0.07	0.02	0.55	1.01	8.15	2.93	0.53
Both ⁶	24.29	4.16	3.50	3.18	1.30	1.88	2.58	0.96	1.12	0.37	0.13	0.99	0.93	6.47	2.70	0.70
Neither ⁷	21.45	3.51	2.97	2.25	1.24	1.01	1.85	0.77	0.88	0.16	0.05	1.19	2.08	4.39	3.55	0.41
1994 graduates	24.16	4.20	3.57	3.37	0.85	2.53	3.04	0.87	1.26	0.62	0.28	1.76	1.66	3.87	2.92	0.65
Male	23.98	4.16	3.54	3.36	0.93	2.44	3.02	0.90	1.20	0.60	0.32	1.54	1.43	4.07	3.18	0.65
Female	24.33	4.23	3.61	3.38	0.77	2.62	3.05	0.85	1.31	0.65	0.25	1.97	1.87	3.69	2.68	0.65
Race/ethnicity																
White	24.31	4.19	3.58	3.39	0.78	2.62	3.12	0.88	1.29	0.66	0.30	1.75	1.74	3.87	2.87	0.64
Black	23.60	4.31	3.54	3.26	1.15	2.12	2.80	0.91	1.21	0.50	0.18	1.37	1.36	4.24	3.00	0.65
Hispanic	24.07	4.22	3.49	3.39	1.09	2.30	2.69	0.83	1.19	0.50	0.18	2.10	1.51	3.70	3.36	0.76
Asian	24.50	4.04	3.68	3.76	0.81	2.95	3.35	0.79	1.22	0.82	0.52	2.62	1.31	2.88	2.92	0.73
American Indian	24.25	4.22	3.79	3.15	1.05	2.10	2.82	0.92	1.29	0.46	0.14	1.26	1.96	4.06	3.19	0.74
Academic track																
Academic ⁴	24.30	4.30	3.75	3.62	0.69	2.93	3.33	0.84	1.34	0.78	0.37	2.11	1.88	2.56	2.89	0.61
Vocational ⁵	22.77	3.67	2.77	2.19	1.38	0.81	1.87	0.87	0.91	0.06	0.02	0.54	0.97	8.33	2.97	0.65
Both ⁶	24.95	4.22	3.50	3.27	1.07	2.20	2.80	1.00	1.20	0.45	0.16	1.16	1.08	6.49	2.67	0.84
Neither ⁷	21.52	3.53	2.84	2.35	1.26	1.09	1.92	0.79	0.93	0.15	0.05	1.23	1.89	4.54	4.18	0.45

¹Includes nonoccupational vocational education, vocational general introduction, agriculture, business, marketing, health, occupational home economics, trade and industry, and technical courses.

²Includes personal and social courses, religion and theology, and courses not included in the other subject fields.

³Computer courses are included in mathematics and vocational categories.

⁴Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

⁵Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

⁶Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

⁷Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE.—The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey, and the "1994 High School Transcript Study." (This table was prepared June 1997.)

Table 137.—Average number of Carnegie units earned by public school graduates in vocational education courses, by student characteristics: 1982 to 1994

Student characteristics	Total	General labor market preparation	Consumer and home-making education	Specific labor market preparation								
				Total	Agriculture	Business	Marketing	Health	Occupational home economics	Trade and industrial	Technical/communications	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1982 graduates	4.68	1.08	0.69	2.91	0.22	1.05	0.16	0.05	0.18	1.06	0.12	0.09
Male	4.63	1.03	0.31	3.29	0.37	0.49	0.14	0.02	0.05	1.97	0.14	0.11
Female	4.72	1.12	1.05	2.55	0.08	1.57	0.17	0.08	0.29	0.20	0.09	0.07
Race/ethnicity												
White	4.58	1.05	0.64	2.88	0.24	1.08	0.15	0.04	0.17	1.01	0.12	0.08
Black	4.84	1.10	0.90	2.84	0.09	0.98	0.22	0.13	0.23	0.97	0.11	0.10
Hispanic	5.26	1.21	0.86	3.19	0.24	1.00	0.15	0.07	0.20	1.34	0.07	0.12
Asian	3.23	1.06	0.29	1.89	0.05	0.59	0.04	0.03	0.05	0.88	0.17	0.08
American Indian	5.09	1.22	0.52	3.35	0.27	0.74	0.14	0.07	0.10	1.86	0.05	0.12
Academic track												
Academic ¹	2.54	0.87	0.48	1.19	0.06	0.51	0.05	0.03	0.05	0.36	0.12	0.02
Vocational ²	7.55	1.11	0.64	5.80	0.51	1.85	0.29	0.09	0.35	2.40	0.11	0.20
Both ³	6.47	0.94	0.56	4.97	0.43	1.66	0.26	0.10	0.28	1.97	0.14	0.11
Neither ⁴	4.39	1.38	1.10	1.91	0.10	0.84	0.14	0.04	0.15	0.46	0.10	0.07
1987 graduates	4.48	0.92	0.59	2.96	0.21	0.98	0.17	0.07	0.19	0.98	0.24	0.12
Male	4.58	0.89	0.32	3.37	0.35	0.58	0.13	0.02	0.08	1.78	0.30	0.13
Female	4.38	0.94	0.86	2.58	0.07	1.37	0.20	0.11	0.30	0.23	0.19	0.11
Race/ethnicity												
White	4.55	0.93	0.59	3.03	0.25	0.99	0.16	0.06	0.18	1.02	0.26	0.10
Black	4.64	1.01	0.74	2.89	0.10	1.00	0.18	0.12	0.29	0.80	0.18	0.21
Hispanic	4.20	0.93	0.55	2.72	0.07	0.92	0.17	0.06	0.17	1.05	0.14	0.14
Asian	2.95	0.62	0.31	2.02	0.13	0.68	0.10	0.04	0.09	0.50	0.37	0.10
American Indian	4.82	0.89	0.66	3.27	0.21	1.11	0.09	0.08	0.09	1.39	0.19	0.11
Academic track												
Academic ¹	2.77	0.81	0.49	1.46	0.05	0.61	0.06	0.03	0.06	0.33	0.27	0.04
Vocational ²	7.86	1.07	0.66	6.14	0.52	1.68	0.39	0.15	0.52	2.45	0.17	0.26
Both ³	6.38	0.90	0.47	5.02	0.47	1.60	0.25	0.12	0.27	1.86	0.27	0.18
Neither ⁴	4.42	1.19	1.06	2.17	0.10	0.79	0.18	0.05	0.19	0.54	0.17	0.15
1990 graduates	4.10	0.83	0.57	2.70	0.20	0.90	0.16	0.04	0.17	0.87	0.22	0.14
Male	4.23	0.78	0.33	3.12	0.32	0.58	0.13	0.02	0.06	1.58	0.27	0.15
Female	3.99	0.87	0.79	2.32	0.09	1.19	0.18	0.06	0.27	0.22	0.18	0.12
Race/ethnicity												
White	4.13	0.80	0.55	2.78	0.24	0.87	0.16	0.04	0.15	0.94	0.22	0.15
Black	4.39	0.96	0.81	2.62	0.06	1.08	0.17	0.04	0.28	0.64	0.23	0.11
Hispanic	3.99	0.85	0.54	2.61	0.15	0.95	0.19	0.02	0.27	0.75	0.17	0.10
Asian	2.89	0.73	0.32	1.85	0.04	0.66	0.05	0.01	0.05	0.73	0.26	0.05
American Indian	4.43	0.84	0.72	2.87	0.36	0.96	0.15	0.02	0.08	0.95	0.16	0.19
Academic track												
Academic ¹	2.64	0.73	0.52	1.39	0.05	0.60	0.07	0.02	0.07	0.32	0.24	0.04
Vocational ²	8.15	1.02	0.62	6.50	0.69	1.60	0.32	0.11	0.51	2.73	0.16	0.37
Both ³	6.47	0.81	0.50	5.16	0.44	1.60	0.38	0.09	0.33	1.81	0.22	0.29
Neither ⁴	4.39	1.24	0.99	2.16	0.13	0.77	0.17	0.04	0.14	0.56	0.17	0.19
1994 graduates	3.87	0.70	0.53	2.65	0.24	0.89	0.18	0.08	0.19	0.70	0.22	0.15
Male	4.07	0.74	0.35	2.99	0.38	0.67	0.14	0.03	0.08	1.25	0.28	0.16
Female	3.69	0.66	0.70	2.33	0.11	1.10	0.22	0.12	0.30	0.17	0.16	0.14
Race/ethnicity												
White	3.87	0.69	0.52	2.66	0.28	0.88	0.19	0.08	0.16	0.72	0.22	0.15
Black	4.24	0.77	0.62	2.84	0.13	1.02	0.20	0.11	0.38	0.60	0.21	0.19
Hispanic	3.70	0.67	0.48	2.55	0.13	0.94	0.15	0.07	0.26	0.65	0.20	0.16
Asian	2.88	0.56	0.37	1.96	0.14	0.71	0.11	0.06	0.12	0.50	0.28	0.05
American Indian	4.06	0.81	0.62	2.63	0.36	0.92	0.05	0.15	0.13	0.57	0.26	0.19
Academic track												
Academic ¹	2.56	0.60	0.48	1.48	0.08	0.65	0.09	0.05	0.08	0.29	0.21	0.04
Vocational ²	8.33	1.01	0.70	6.62	0.80	1.44	0.37	0.17	0.55	2.46	0.25	0.59
Both ³	6.49	0.72	0.50	5.28	0.63	1.54	0.42	0.17	0.42	1.50	0.26	0.34
Neither ⁴	4.54	1.35	0.94	2.25	0.18	0.73	0.20	0.06	0.20	0.53	0.16	0.18

¹ Includes students who complete at least 12 Carnegie units in academic courses, but less than 3 Carnegie units in any specific labor market preparation field.

² Includes students who complete at least 3 Carnegie units in a specific labor market preparation field, but less than 12 Carnegie units in academic courses.

³ Includes students who complete at least 12 Carnegie units in academic courses and at least 3 Carnegie units in a specific labor market preparation field.

⁴ Includes students who complete less than 12 Carnegie units in academic courses and less than 3 Carnegie units in a specific labor market preparation field.

NOTE.—The Carnegie unit is a standard of measurement that represents one credit for the completion of a 1-year course.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; "1990 High School Transcript Study," "National Education Longitudinal Study of 1988," Second Followup survey, and the "1994 High School Transcript Study." (This table was prepared June 1997.)

Table 138.—Percentage of high school graduates taking selected mathematics and science courses in high school, by sex and race/ethnicity: 1982 to 1994

Courses (credits)	1982	1987	1990	1994							
				Total	Sex		Race/ethnicity				
					Men	Women	White	Black	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native
1	2	3	4	5	6	7	8	9	10	11	12
Mathematics¹											
Any mathematics (1.0)	98.5	98.9	99.6	99.6	99.5	99.6	99.6	99.3	99.2	100.0	98.9
Algebra I (1.0)	53.9	64.0	64.2	66.4	64.7	68.1	67.5	65.0	70.7	61.7	58.7
Geometry (1.0)	45.5	59.7	63.4	70.4	68.3	72.4	72.7	58.1	69.4	75.8	60.0
Algebra II (0.5)	32.2	48.6	51.7	58.6	55.4	61.6	61.6	43.7	51.0	66.6	39.2
Trigonometry (0.5)	12.1	18.6	18.2	17.2	16.6	17.8	18.6	13.6	9.8	25.3	6.7
Analysis/pre-calculus (0.5)	5.9	12.6	13.4	17.3	16.3	18.2	18.2	9.8	13.9	33.9	8.7
Statistics/probability (0.5)	1.0	1.3	1.0	2.0	2.0	2.1	2.3	1.7	1.0	1.1	1.2
Calculus (1.0)	4.6	6.0	6.5	9.2	9.4	9.1	9.6	3.8	6.0	23.4	3.8
AP calculus (1.0)	1.5	3.2	4.1	7.0	7.2	6.8	7.3	2.0	4.6	21.0	2.2
Science											
Any science (1.0)	96.6	98.7	99.4	99.5	99.3	99.8	99.7	99.5	99.3	99.3	99.7
Biology (1.0)	76.4	87.8	91.3	93.5	92.3	94.7	94.4	91.3	94.0	90.9	91.2
AP/honors biology (1.0)	6.6	2.7	4.9	4.6	4.0	5.1	4.6	2.7	3.3	8.3	1.7
Chemistry (1.0)	30.9	43.7	49.0	56.0	53.2	58.7	58.5	43.8	46.5	69.3	41.3
AP/honors chemistry (1.0)	2.9	3.3	3.5	3.9	4.1	3.7	4.3	2.1	2.5	7.7	0.6
Physics (1.0)	14.2	19.2	21.5	24.4	26.9	22.0	26.1	14.7	16.0	42.3	10.3
AP/honors physics (1.0)	1.0	1.6	2.0	2.4	3.0	1.8	2.5	1.4	1.8	6.0	0.3
Engineering (1.0)	0.1	0.1	0.1	0.3	0.4	0.2	0.2	0.4	0.1	1.0	—
Astronomy (0.5)	1.1	1.0	1.2	1.7	2.0	1.5	2.0	0.6	0.4	0.8	2.2
Geology/earth science (0.5)	13.2	14.5	24.8	23.0	22.8	23.2	23.8	23.3	15.3	16.7	23.2
Biology and chemistry (2.0)	28.1	42.1	47.6	53.8	50.9	56.6	56.4	42.2	45.1	64.8	39.6
Biology, chemistry, and physics (3.0)	10.6	16.4	18.8	21.3	23.1	19.6	22.7	13.0	13.4	37.2	8.0

¹ These data only report the percentage of students who earned credit in each mathematics course while in high school and does not count those students who took these courses prior to entering high school. In 1992, approximately 93 percent of graduates had taken algebra I before or during high school, and 70 percent had taken geometry. —Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Assessment of Educational Progress, *The 1994 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1994, 1990, 1987, and 1982 High School Graduates*, 1996. (This table was prepared September 1996.)

Table 139.—Percent of high school graduates earning minimum credits in selected combinations of academic courses, by sex and race/ethnicity: 1982 to 1994

Year of graduation and course combinations taken ¹	All students	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	American Indian/Alaskan Native
1	2	3	4	5	6	7	8	9
1982 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math., .5 Comp., & 2 F.L. ²	2.0	2.2	1.8	2.4	0.9	0.6	5.6	0.1
4 Eng., 3 S.S., 3 Sci., 3 Math., & .5 Comp. ³	2.9	3.6	2.3	3.4	1.3	0.9	6.6	0.1
4 Eng., 3 S.S., 3 Sci., 3 Math., & 2 F.L.	9.2	8.8	9.6	10.5	5.3	3.7	17.1	5.7
4 Eng., 3 S.S., 3 Sci., 3 Math.	14.0	14.8	13.3	15.5	11.6	6.5	21.3	6.5
4 Eng., 3 S.S., 2 Sci., 2 Math.	31.5	31.6	31.5	32.5	31.7	25.2	34.3	35.7
1987 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math., .5 Comp., & 2 F.L. ²	12.1	13.0	11.4	12.8	7.8	6.4	25.6	2.8
4 Eng., 3 S.S., 3 Sci., 3 Math., & .5 Comp. ³	16.6	18.1	15.1	17.6	11.3	9.0	28.8	15.2
4 Eng., 3 S.S., 3 Sci., 3 Math., & 2 F.L.	20.6	20.2	20.9	21.4	15.0	12.9	42.6	5.8
4 Eng., 3 S.S., 3 Sci., 3 Math.	27.9	28.8	27.1	29.2	22.0	17.6	48.8	26.6
4 Eng., 3 S.S., 2 Sci., 2 Math.	54.0	53.5	54.7	53.4	56.0	51.6	68.9	66.7
1990 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math., .5 Comp., & 2 F.L. ²	18.3	18.1	18.4	18.9	15.5	18.2	23.9	7.8
4 Eng., 3 S.S., 3 Sci., 3 Math., & .5 Comp. ³	23.3	23.9	22.8	23.5	25.3	20.5	27.2	14.6
4 Eng., 3 S.S., 3 Sci., 3 Math., & 2 F.L.	30.3	29.2	31.3	32.0	23.3	25.8	43.7	9.9
4 Eng., 3 S.S., 3 Sci., 3 Math.	38.8	39.2	38.4	39.8	39.5	30.3	48.8	20.9
4 Eng., 3 S.S., 2 Sci., 2 Math.	66.5	65.9	67.1	65.8	73.3	64.6	70.6	47.9
1994 graduates								
4 Eng., 3 S.S., 3 Sci., 3 Math., .5 Comp., & 2 F.L. ²	25.3	23.5	26.9	26.5	19.5	27.7	36.3	12.9
4 Eng., 3 S.S., 3 Sci., 3 Math., & .5 Comp. ³	32.0	31.1	32.9	33.5	28.2	31.1	40.2	25.5
4 Eng., 3 S.S., 3 Sci., 3 Math., & 2 F.L.	39.1	35.1	42.9	41.6	30.2	36.3	51.2	22.5
4 Eng., 3 S.S., 3 Sci., 3 Math.	49.8	47.5	51.9	52.7	45.0	41.2	56.1	46.0
4 Eng., 3 S.S., 2 Sci., 2 Math.	74.6	72.2	76.9	75.5	76.7	77.5	73.1	77.0

¹ Eng. = English; S.S. = social studies; Sci. = science; Comp. = computer science; and F.L. = foreign language.
² The National Commission on Excellence in Education recommended that all college-bound high school students take these courses as a minimum.
³ The National Commission on Excellence in Education recommended that all high school students take these courses as a minimum.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *The 1994 High School Transcript Study Tabulations: Comparative Data on Credits Earned and Demographics for 1994, 1990, 1987, and 1982 High School Graduates*, 1996. (This table was prepared October 1996.)

Table 140.—Reasons given by 12th-graders for taking current mathematics and science classes, by selected student and school characteristics: 1992

Class subject and opinion	Percent of 12th graders who answered, "somewhat important" or "very important"														
	All 12th graders	Sex		Race/ethnicity					Socioeconomic status quartile ¹				Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Lowest	Second	Third	Highest	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Mathematics class															
I am interested in mathematics	74.5	77.4	71.3	72.9	74.6	80.4	81.9	87.7	78.0	74.6	73.1	74.2	73.8	78.4	81.7
I do well in mathematics	77.1	80.2	73.7	76.4	76.1	79.7	83.6	76.8	79.5	77.8	76.3	76.1	76.7	78.4	82.1
I need it for college or trade school	87.2	86.6	87.8	86.5	89.8	86.5	90.8	90.5	83.3	85.4	88.9	88.6	87.1	87.9	87.5
I need it for a job after high school	64.7	65.9	63.4	62.5	69.7	70.9	66.3	83.9	71.2	68.5	65.5	57.8	65.9	58.1	51.9
I need it for advanced placement	53.6	53.3	54.0	49.6	58.4	62.5	72.6	56.9	59.8	46.7	52.2	55.7	54.1	47.2	53.9
Advised to take class by:															
Teacher	65.9	63.3	68.8	63.6	74.8	71.1	66.7	70.6	69.2	65.1	66.3	64.7	65.7	66.2	70.0
Guidance counselor	64.8	62.9	66.8	60.7	77.8	76.2	64.2	83.0	76.4	67.5	62.6	58.6	65.8	55.1	59.6
Parent	71.6	69.1	74.2	70.5	74.6	74.4	73.3	79.8	66.3	67.2	70.3	76.6	71.8	68.4	71.4
Friend	42.2	41.4	43.2	39.8	51.2	43.7	50.8	56.2	46.1	43.2	41.7	40.7	42.5	40.6	39.1
Sibling	30.9	29.5	32.5	26.3	37.2	43.1	46.2	51.5	40.4	29.7	27.7	29.4	31.8	21.9	28.9
Science class															
I am interested in science ..	78.8	82.7	74.4	78.5	77.4	78.9	83.6	74.9	74.5	76.7	76.9	82.7	77.9	81.1	89.9
I do well in science	80.6	83.9	77.0	80.1	76.7	86.1	84.2	86.6	78.1	80.1	77.1	84.0	80.1	79.8	90.2
I need it for college or trade school	83.3	81.7	85.0	82.4	86.4	83.5	88.4	88.8	78.5	81.9	84.6	84.8	83.3	85.3	80.7
I need it for a job after high school	47.0	47.9	45.9	44.5	53.2	57.6	51.3	55.9	53.4	47.6	50.4	41.6	47.8	45.7	35.7
I need it for advanced placement	50.2	49.7	50.9	47.1	51.6	59.0	66.8	59.6	48.9	47.9	46.8	53.9	49.2	53.5	60.3
Advised to take class by:															
Teacher	58.9	56.2	61.9	57.6	61.7	63.7	61.0	67.2	61.3	57.7	58.3	59.0	57.8	60.3	74.1
Guidance counselor	59.4	57.8	61.2	56.2	71.4	70.9	59.7	57.9	74.0	59.5	55.8	55.5	60.3	44.1	67.3
Parent	66.3	63.4	69.4	65.7	69.1	70.5	64.1	73.8	61.9	59.9	66.4	70.6	67.0	58.7	67.4
Friend	43.5	43.4	43.6	42.9	40.9	44.6	49.7	62.9	45.6	41.6	41.0	45.0	43.6	36.6	52.5
Sibling	28.7	26.8	31.0	25.3	35.0	35.5	44.3	57.6	36.1	25.2	25.2	29.6	29.4	21.0	30.5

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Followup survey. (This table was prepared February 1994.)

Table 141.—Expected occupations of 8th-, 10th-, and 12th-graders at age 30, by selected student and school characteristics: 1988, 1990, and 1992
[Percentage distribution]

Expected occupation at age 30	8th graders in 1988	10th graders in 1990	12th graders in 1992													
			Total	Sex		Race/ethnicity					Socioeconomic status ¹			Control of school attended		
				Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Craftsperson or operator	4.2	5.6	3.5	6.6	0.5	3.7	3.4	2.7	2.4	2.7	6.8	3.9	0.7	3.9	0.9	0.3
Farmer or farm manager	1.0	1.1	0.9	1.4	0.3	1.0	0.6	0.7	0.1	(²)	1.4	1.0	0.5	0.9	0.6	0.6
Housewife/homemaker	2.3	2.0	1.0	0.1	2.0	1.2	0.4	0.7	0.8	(²)	0.9	1.1	1.2	1.1	0.7	1.5
Laborer or farm worker	0.6	0.8	0.7	1.3	0.1	0.7	0.3	0.6	1.2	1.9	1.2	0.8	0.2	0.7	0.4	0.8
Military, police, or security officer	9.6	5.7	6.6	11.2	2.0	6.4	7.7	7.4	5.1	10.0	9.3	7.4	3.6	7.0	3.3	1.7
Professional, business, or managerial	34.5	45.7	50.8	45.9	55.7	50.0	55.1	47.1	61.3	43.3	38.7	48.1	63.0	49.4	66.3	59.2
Teacher	(³)	4.1	7.5	4.1	10.8	8.4	3.7	6.7	3.4	4.8	6.2	7.6	8.2	7.3	8.1	11.1
Business owner	6.2	5.3	6.0	7.8	4.3	5.6	6.8	7.7	7.0	6.4	6.7	6.4	4.9	6.3	3.8	3.3
Technical	6.2	4.7	5.4	7.5	3.4	5.0	5.5	7.5	6.0	8.2	7.1	5.9	3.5	5.7	2.4	3.6
Salesperson, clerical, or office worker	2.8	4.9	4.8	3.1	6.5	4.6	5.3	6.4	4.1	5.2	8.0	4.7	3.1	4.9	2.6	5.8
Service worker	4.9	1.8	2.4	0.5	4.2	2.3	3.1	2.5	0.6	5.8	4.6	2.3	0.9	2.5	1.5	0.8
Other employment	17.0	7.7	10.2	10.3	10.2	10.8	8.0	9.6	8.0	10.6	8.8	10.8	10.2	10.3	9.6	11.3
Don't know or no plans	10.5	10.5	0.2	0.2	0.2	0.2	0.2	0.5	0.2	1.0	0.4	0.2	0.1	0.2	(²)	0.1

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

² Less than .05 percent.

³ Included under "Professional, business, or managerial."

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," First and Second Followup surveys. (This table was prepared March 1994.)

Table 142.—Eighth-, 10th-, and 12th-graders' attitudes about school climate, by student and school characteristics: 1988, 1990, and 1992

Statements about school climate	Percent who strongly agree or agree with statement																		
	Eighth graders in 1988	Tenth graders in 1990	Twelfth graders in 1992														Control of school attended		
			Total	Sex		Race/ethnicity					Socioeconomic status quartile ¹				Public	Catholic	Other private		
				Male	Female	White	Black	Hispanic	Asian	American Indian	Lowest	Second	Third	Highest					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
There is real school spirit	68.6	70.4	71.4	72.9	69.8	72.1	67.4	71.0	70.7	62.0	73.4	71.3	72.0	69.5	70.4	82.2	76.0		
Discipline is fair	69.1	70.2	68.0	67.0	69.0	68.0	58.6	74.7	75.6	73.0	66.3	66.2	68.1	69.7	67.3	69.9	77.0		
Teaching is good	80.2	81.9	85.4	84.8	86.0	85.1	84.1	88.5	85.5	88.3	85.6	84.2	84.3	87.2	84.7	90.4	93.7		
Teachers are interested in students	75.2	76.0	81.6	81.5	81.8	81.9	78.4	83.7	80.1	83.0	80.3	80.5	80.1	84.8	80.4	91.1	95.4		
I don't feel safe at this school	11.8	8.0	10.4	10.8	10.1	8.6	16.1	14.7	15.8	13.0	13.1	11.2	10.5	7.5	11.1	4.9	3.5		
Disruptions by other students interfere with my learning ...	39.6	39.9	33.1	31.6	34.7	30.8	38.1	39.8	41.4	40.5	37.0	35.9	34.6	26.3	34.2	25.4	21.8		
Fights often occur between different racial/ethnic groups	—	—	22.7	22.2	23.2	20.9	22.2	31.9	30.5	29.9	25.1	23.9	23.5	18.6	24.5	8.3	3.0		
There are many gangs in school	—	—	16.3	16.4	16.2	12.5	17.5	36.4	27.2	23.2	21.9	15.8	16.7	12.1	17.7	4.5	1.5		
Students are graded fairly	—	—	78.3	78.6	78.0	79.5	71.6	77.6	77.3	74.7	74.8	76.3	78.3	82.4	77.3	84.1	91.8		
There is a lot of cheating on tests and assignments ...	—	—	58.8	56.0	61.7	59.7	57.1	53.8	63.5	59.8	55.8	59.1	61.8	58.6	60.2	56.9	32.6		
Some teachers ignore cheating when they see it	—	—	30.9	29.3	32.6	32.7	25.4	26.0	30.7	24.8	26.9	31.4	32.7	31.9	31.9	26.5	16.9		

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income.
—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Base Year and First and Second Followup surveys. (This table was prepared February 1994.)

Table 143.—Percentage of 3- to 5-year-olds who were read to every day in the last week by a family member: 1993, 1995, and 1996

Characteristic	1993	1995	1996
1	2	3	4
Percent of all 3- to 5-year-olds	53	58	57
Sex			
Male	51	57	56
Female	54	59	57
Race/ethnicity			
White, non-Hispanic	59	65	64
Black, non-Hispanic	39	43	44
Hispanic	37	38	39
Poverty status			
Above poverty threshold	56	62	61
At or below poverty threshold	44	48	46
Family composition of household			
Two parents	55	61	61
One or no parent	46	49	46
Mother's education			
Less than high school	37	40	37
High school/high school equivalent	48	48	49
Vocational/technical or some college	57	64	62
College graduate	71	76	77
Mother's employment status			
35 hours or more per week	52	55	54
Less than 35 hours per week	56	63	59
Not in labor force	55	60	59

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Household Education Survey*, 1993, 1995, and 1996. (This table was prepared July 1997).

Table 144.—Participation of 10th- and 12th-graders in extracurricular activities, by selected student characteristics: 1990 and 1992

Extracurricular activities	Percent who participated in school activities														
	Total 1990 10th graders	1992 12th graders													
		Total	Sex		Race/ethnicity					Socioeconomic status ¹			Control of school attended		
			Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Athletics															
Interscholastic team sport	—	30.4	41.2	19.7	30.8	32.3	25.8	28.3	30.4	25.3	30.1	34.4	29.6	31.2	48.9
Interscholastic individual sport	—	20.3	26.8	13.9	20.9	21.2	14.9	21.6	20.7	13.6	18.7	27.7	20.0	24.6	21.8
Intramural team sport	—	22.7	31.8	13.8	22.3	25.8	20.8	24.9	27.9	20.4	22.9	24.1	22.0	29.7	29.6
Intramural individual sport	—	13.3	16.7	10.0	12.5	16.7	14.0	14.7	18.2	10.8	12.5	15.9	13.5	13.3	10.7
Performing arts															
Cheerleading	5.9	7.6	2.0	13.0	7.4	10.6	6.7	5.1	11.9	6.5	7.9	7.8	7.6	8.3	5.9
School band or orchestra ..	20.9	19.8	15.1	24.5	19.6	24.4	16.9	17.7	16.8	17.6	19.6	22.0	19.8	12.0	31.3
School play or musical	11.0	15.4	14.1	16.7	16.1	15.9	10.6	13.7	14.0	11.4	14.8	19.4	15.0	14.2	26.2
School government/clubs															
Student government	7.3	15.4	13.1	17.7	15.4	16.7	14.7	14.6	14.3	11.0	14.7	19.8	15.0	14.5	27.9
Academic honor society	7.7	18.5	14.4	22.7	19.6	14.0	12.5	27.2	13.6	9.6	15.9	29.5	17.7	28.0	22.9
School yearbook/news-paper	8.8	18.8	14.0	23.5	19.7	14.3	16.8	18.9	21.2	14.3	16.9	25.1	17.0	28.0	46.7
School service clubs	11.5	13.9	10.3	17.4	13.6	13.6	14.4	19.3	11.6	8.4	12.5	19.6	13.6	17.3	15.4
School academic clubs	30.7	25.1	22.9	27.4	25.8	20.7	22.6	32.3	17.7	18.8	24.1	31.1	25.1	26.4	24.5
School hobby clubs	7.3	7.7	8.1	7.4	7.4	6.6	9.1	11.3	10.8	6.7	7.0	9.3	7.4	9.8	11.0
School FTA, FHA, and FFA	11.7	17.7	14.7	20.7	17.6	22.5	16.4	8.8	22.1	24.8	19.7	9.9	19.4	2.4	2.9

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," First and Second Followup surveys. (This table was prepared March 1994.)

Table 145.—Percent of high school seniors who plan to go to college after graduation, by student characteristics: 1982 and 1992

Student characteristics	No college		Right after high school		After a year		After more than a year		Don't know	
	1982	1992	1982	1992	1982	1992	1982	1992	1982	1992
	2	3	4	5	6	7	8	9	10	11
All seniors	18.3	4.0	58.3	76.6	7.1	10.7	3.9	4.1	12.3	4.6
Male	22.8	5.7	53.4	73.0	6.6	10.2	4.0	5.6	13.1	5.5
Female	14.0	2.3	63.0	80.1	7.6	11.1	3.8	2.7	11.6	3.8
Race/ethnicity										
White	18.2	3.9	60.2	76.6	7.0	10.6	3.4	4.4	11.3	4.5
Black	14.6	5.4	57.5	75.2	8.2	11.2	5.7	3.2	14.1	5.2
Hispanic	24.1	3.5	45.6	75.4	7.5	11.6	5.8	3.6	17.0	5.9
Asian	5.6	2.6	81.7	83.4	5.6	8.6	2.1	2.4	5.1	3.1
American Indian	22.2	5.8	48.5	65.7	9.0	15.5	3.3	5.3	17.1	7.7
Test performance quartile										
Lowest test quartile	32.3	11.4	32.8	59.3	9.1	15.1	4.5	3.4	21.3	10.9
Second test quartile	26.5	3.9	45.2	71.2	7.8	14.3	4.8	4.4	15.8	6.3
Third test quartile	15.6	2.0	61.9	81.2	7.9	9.9	3.8	4.1	10.8	2.8
Highest test quartile	3.8	0.6	85.4	90.9	4.7	4.8	2.4	2.6	3.8	1.2
Socioeconomic status¹										
Low quartile	29.1	8.1	38.3	60.3	7.6	16.5	5.8	5.8	19.2	9.4
Middle 2 quartiles	18.3	4.1	56.6	74.6	8.1	11.8	4.1	4.7	12.9	4.8
High quartile	6.6	1.1	82.8	91.1	5.0	4.6	1.5	1.7	4.1	1.5
Control of school										
Public	19.4	4.4	56.0	74.8	7.3	11.4	4.1	4.5	13.1	4.9
Catholic	8.2	0.5	80.0	93.0	5.1	4.3	1.4	0.7	5.4	1.6
Other private	9.9	0.7	77.3	92.0	6.4	3.0	2.5	0.6	3.9	3.7
Location of school										
Urban	16.6	3.0	59.3	79.5	8.2	10.1	4.0	3.0	11.8	4.4
Suburban	15.5	3.3	62.3	78.6	6.8	9.7	4.1	4.4	11.3	4.0
Rural/nonmetropolitan area	24.0	5.9	51.4	71.2	6.9	12.3	3.6	4.9	14.2	5.8

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," First Followup survey; and "National Education Longitudinal Study of 1988," Second Followup Student survey. (This table was prepared April 1995.)

Table 146.—Percent of high school seniors who say they engage in various activities, by student characteristics: 1982 and 1992

Activity	Total	Sex		Race/ethnicity					Socioeconomic status ¹			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Percent of 12th graders, 1982														
At least once a week														
Talking with friends	92.7	92.5	93.0	94.2	89.1	88.9	86.7	91.3	88.6	93.7	95.6	92.3	96.4	97.2
Reading for pleasure	50.4	43.4	57.1	51.0	53.9	43.1	56.4	50.3	45.2	50.1	56.8	50.1	51.4	56.2
Going on dates	61.3	60.6	62.0	63.9	51.9	58.1	40.3	54.5	55.8	63.4	62.8	61.4	60.7	60.7
Driving or riding around	62.4	65.9	59.1	65.2	48.9	60.7	42.4	62.3	56.2	65.0	65.1	62.6	64.6	55.0
Thinking or daydreaming	68.5	61.8	74.8	71.1	64.6	58.0	62.4	53.9	63.3	67.5	75.9	67.7	75.2	76.5
Talking with parents	83.9	79.9	87.6	85.6	80.1	78.0	79.8	76.0	78.5	84.7	87.8	83.4	87.7	87.9
Reading front page of newspaper	69.1	70.8	67.5	69.7	71.9	63.3	73.5	61.8	61.5	69.1	77.0	68.5	75.7	72.0
Five or more hours on weekdays														
Watches television	11.5	11.9	11.2	9.4	22.2	13.8	8.1	20.9	16.5	11.5	6.4	12.1	8.0	3.9
Percent of 12th graders, 1992														
At least once a week														
Use personal computer	23.7	28.1	19.3	23.9	23.6	20.9	27.0	23.8	18.9	23.3	27.7	23.4	25.2	28.0
Work on hobbies	40.9	44.4	37.4	42.0	34.8	39.9	37.8	49.8	36.3	41.1	43.5	40.6	43.4	43.2
Attend religious activities	31.0	28.1	33.8	31.4	33.7	26.9	30.4	14.6	22.2	29.4	39.9	29.4	38.8	54.9
Attend youth groups	22.4	24.6	20.1	22.5	23.3	18.5	26.4	22.1	16.6	21.3	28.1	21.8	22.9	33.3
Perform community service	11.3	10.7	11.9	11.1	12.1	10.9	14.0	9.2	7.7	9.5	16.7	9.7	22.3	31.2
Driving or riding around	73.3	74.3	72.3	75.7	67.8	66.2	66.7	71.0	69.6	75.3	72.4	73.4	77.8	63.0
Do things with friends	88.1	88.2	88.0	90.7	79.8	82.4	85.9	77.2	80.8	88.1	93.2	87.5	94.5	91.9
Do things with parent	66.7	61.2	72.1	68.2	62.0	63.8	63.4	61.2	59.6	66.3	71.7	66.0	73.6	72.8
Talk with other adult	47.7	45.4	49.9	48.8	44.3	46.2	43.0	44.0	47.6	49.0	45.0	47.3	46.4	58.8
Take music, art, or dance class	10.1	7.9	12.2	9.9	9.7	9.8	14.0	10.6	7.1	8.8	14.0	9.7	13.4	12.4
Take sports lessons	7.3	9.7	5.0	7.0	7.4	8.2	9.4	11.6	5.6	6.6	9.5	7.1	11.1	7.8
Play ball or other sport	26.3	38.8	14.0	27.1	22.9	23.6	28.7	29.4	20.7	24.5	33.1	25.6	34.0	31.4
More than an hour a day														
Reading for pleasure	55.4	53.1	57.7	56.3	51.0	53.5	54.4	59.3	51.6	55.0	58.6	55.0	56.0	62.9
Plays video games	13.0	19.2	6.8	11.7	19.9	13.0	13.5	21.1	16.9	13.7	9.4	13.3	10.4	8.9
Five or more hours on weekdays														
Watches television	8.4	8.5	8.4	6.4	21.3	9.3	6.4	12.7	12.0	9.4	4.1	8.7	7.9	4.1

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Followup survey, and "High School and Beyond," First Followup survey. (This table was prepared March 1994.)

Table 147.—Percent of high school seniors who participate in selected school-sponsored extracurricular activities, by student characteristics: 1980 and 1992

Student characteristics	Academic clubs		Athletics		Cheerleading and drill team		Newspaper or yearbook		Music, drama, debate		Vocational clubs	
	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992	1980	1992
1	2	3	4	5	6	7	8	9	10	11	12	13
All seniors	25.6	25.1	51.8	42.9	15.1	7.5	19.9	18.8	36.5	27.9	23.1	17.7
Male	20.3	22.8	64.0	55.3	4.5	2.0	15.4	14.0	28.4	23.0	19.1	14.7
Female	30.9	27.4	40.6	30.3	24.8	13.0	24.0	23.5	44.0	32.7	26.7	20.6
Race/ethnicity												
White	25.0	25.8	51.6	44.1	14.9	7.4	20.1	19.7	35.8	28.1	22.3	17.6
Black	33.1	20.6	54.4	41.4	17.6	10.6	17.8	14.3	43.2	32.2	30.1	22.5
Hispanic	24.2	22.6	49.4	35.3	12.3	6.6	15.8	16.8	31.1	22.3	27.3	16.4
Asian	26.6	32.3	48.8	45.2	14.6	5.1	21.4	18.9	36.6	25.8	9.6	8.8
Test performance quartile												
Lowest test quartile	24.6	18.1	46.3	40.3	15.0	8.5	14.6	12.0	31.8	23.3	33.0	25.0
Middle 2 test quartiles	24.3	23.3	49.4	42.3	16.0	7.6	18.7	17.1	35.6	26.5	24.2	20.0
Highest test quartile	29.0	37.1	54.0	49.0	13.5	7.9	27.1	27.9	43.4	35.2	12.4	11.4
Socioeconomic status ¹												
Low quartile	24.6	19.4	43.2	33.9	13.0	6.7	15.7	14.2	31.0	24.1	30.6	24.8
Middle 2 quartiles	24.3	24.5	52.1	41.7	15.9	8.0	19.2	17.5	35.8	27.8	24.1	18.5
High quartile	29.0	31.7	61.7	53.9	15.6	7.7	25.3	25.5	43.8	31.6	13.4	9.3
Region												
Northwest	19.6	23.1	54.5	48.6	11.5	6.9	24.6	28.3	34.5	28.4	10.6	8.1
Midwest	21.4	25.4	52.8	45.8	15.3	8.0	18.4	18.2	37.1	32.0	20.0	18.4
South	30.8	28.2	48.2	38.8	18.0	8.5	18.8	15.0	37.9	25.6	40.0	27.2
West	21.9	21.6	52.9	40.6	14.0	6.0	16.8	16.5	35.2	25.6	15.8	10.0
High school program ²												
General	19.6	18.3	49.9	37.8	14.0	7.1	16.7	14.6	34.5	26.3	22.6	16.7
Academic	28.7	34.2	60.1	50.8	17.2	8.8	26.9	24.9	44.1	32.8	13.1	12.6
Vocational	23.1	14.7	42.4	30.1	13.3	4.9	13.2	11.2	27.7	16.2	39.3	41.2

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "low" SES group is the lowest quartile; the middle SES group is the middle two quartiles; and the "high" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "High School and Beyond," Senior Cohort; and "National Education Longitudinal Study of 1988," Second Followup survey. (This table was prepared February 1996.)

² Program as reported by student.

Table 148.—Percentage of students in grades 9 through 12 who reported experience with drugs and violence on school property, by race/ethnicity, grade, and sex: 1995 and 1997

Type of violence or drug-related behavior	1995		1997							
	Total	Total	Race/ethnicity			Grade				
			White	Black	Hispanic	9	10	11	12	
1	2	3	4	5	6	7	8	9	10	
Felt too unsafe to go to school ¹										
Total	4.5	4.0	2.4	6.8	7.2	5.5	4.0	4.2	2.6	
Male	4.7	4.1	2.3	7.5	6.8	5.2	4.0	5.0	2.3	
Female	4.3	3.9	2.5	6.1	7.7	5.8	3.9	3.2	3.0	
Carried a weapon on school property ^{1,2}										
Total	9.8	8.5	7.8	9.2	10.4	10.2	7.7	9.4	7.0	
Male	14.3	12.5	12.3	10.7	15.6	14.5	11.1	14.6	10.1	
Female	4.9	3.7	2.1	7.8	4.3	5.4	3.5	3.1	3.0	
Threatened or injured with a weapon on school property ³										
Total	8.4	7.4	6.2	9.9	9.0	10.1	7.9	5.9	5.8	
Male	10.9	10.2	8.2	14.0	12.7	13.7	10.1	9.0	8.4	
Female	5.8	4.0	3.7	5.8	4.6	6.1	5.2	2.3	2.5	
In a physical fight on school property ³										
Total	15.5	14.8	13.3	20.7	19.0	21.3	17.0	12.5	9.5	
Male	21.0	20.0	19.1	24.6	24.7	29.3	21.6	17.8	13.1	
Female	9.6	8.6	5.9	17.0	12.3	12.4	11.3	6.2	4.9	
Property stolen or deliberately damaged on school property ³										
Total	34.9	32.9	32.6	34.0	32.1	36.9	35.4	32.3	27.9	
Male	41.4	36.1	35.7	37.5	33.4	39.8	39.7	36.2	30.0	
Female	28.0	29.0	28.6	30.6	30.6	33.7	30.0	27.5	25.4	
Cigarette use on school property ¹										
Total	16.0	14.6	15.8	8.8	11.9	14.0	14.4	15.8	14.1	
Male	16.8	15.9	16.5	12.4	15.3	15.9	15.5	16.2	16.1	
Female	15.1	13.0	14.9	5.5	7.7	11.8	13.2	15.2	11.6	
Smokeless tobacco use on school property ⁴										
Total	6.3	5.1	6.5	1.4	3.3	5.2	3.2	5.6	6.0	
Male	11.2	9.0	11.3	2.5	5.8	9.5	5.7	9.8	10.6	
Female	0.9	0.4	0.4	0.4	0.3	0.4	0.1	0.6	0.1	
Alcohol use on school property ¹										
Total	6.3	5.6	4.8	5.6	8.2	5.9	4.6	6.0	5.9	
Male	7.2	7.2	6.3	7.3	8.7	6.3	5.6	7.9	8.8	
Female	5.3	3.6	2.9	4.0	7.6	5.3	3.2	3.8	2.2	
Marijuana use on school property ¹										
Total	8.8	7.0	5.8	9.1	10.4	8.1	6.4	7.9	5.7	
Male	11.9	9.0	7.3	13.0	14.1	9.6	8.2	10.2	8.2	
Female	5.5	4.6	3.9	5.4	5.9	6.5	4.2	5.2	2.6	
Offered, sold, or given an illegal drug on school property ³										
Total	32.1	31.7	31.0	25.4	41.1	31.4	33.4	33.2	29.0	
Male	38.8	37.4	36.1	34.6	46.8	34.5	40.0	38.8	36.4	
Female	24.8	24.7	24.5	16.7	34.4	28.0	25.3	26.4	19.6	

¹ On one or more of the 30 days preceding the survey.
² Such as a gun, knife, or club.
³ One or more times during the 12 months preceding the survey.
⁴ Used chewing tobacco or snuff during 1 of the 30 days preceding the survey.

SOURCE: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, CDC Surveillance Summaries, August 14, 1998, MMWR 1998; 47 (No. SS-3). (This table was prepared October 1998.)

Table 149.—Percent of 12- to 17-year-olds reporting drug use during the past 30 days and the past year: 1982 to 1996

Type of drug and frequency use	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996
1	2	3	4	5	6	7	8	9	10	11
Percent reporting drug use during past 30 days										
Any illicit use	—	13.2	8.1	7.1	5.8	5.3	5.7	8.2	10.9	9.0
Marijuana	9.9	10.2	5.4	4.4	3.6	3.4	4.0	6.0	8.2	7.1
Cocaine	1.9	1.5	1.2	0.6	0.4	0.3	0.4	0.3	0.8	0.6
Alcohol	34.9	41.2	33.4	32.5	27.0	20.9	23.9	21.6	21.1	18.8
Cigarettes	—	29.4	22.7	22.4	20.9	18.4	18.5	18.9	20.2	18.3
Percent reporting drug use during past year										
Any illicit use	—	20.7	14.9	14.1	13.1	10.4	11.9	15.5	18.0	16.7
Marijuana	17.7	16.7	10.7	9.6	8.5	6.9	8.5	11.4	14.2	13.0
Cocaine	3.7	3.4	2.5	1.9	1.3	1.0	0.7	1.1	1.7	1.4
Alcohol	46.1	52.7	45.5	41.8	41.2	33.3	35.9	36.2	35.1	32.7
Cigarettes	—	29.9	26.8	26.2	23.7	21.4	22.5	24.5	26.6	24.2

—Data not available, or low precision; no estimate reported.

NOTE.—Due to changes in the survey instrument and administration and to improve comparability with new data, estimates for 1982 through 1993 have been adjusted and may differ from those reported in previous years.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, "Preliminary Estimates from the 1996 National Household Survey on Drug Abuse," 1997. (This table was prepared July 1998.)

Table 150.—Percent of high school seniors reporting drug use, by type of drug and frequency of use: 1975 to 1997

Type of drug and frequency of use	Class of 1975	Class of 1980	Class of 1982	Class of 1983	Class of 1984	Class of 1985	Class of 1986	Class of 1987	Class of 1988	Class of 1989	Class of 1990	Class of 1991	Class of 1992	Class of 1993	Class of 1994	Class of 1995	Class of 1996	Class of 1997
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Percent reporting having ever used drugs																		
Alcohol ¹	90.4	93.2	92.8	92.6	92.6	92.2	91.3	92.2	92.0	90.7	89.5	88.0	87.5	80.0	80.4	80.7	79.2	81.7
Any illicit drug	55.2	65.4	64.4	62.9	61.6	60.6	57.6	56.6	53.9	50.9	47.9	44.1	40.7	42.9	45.6	48.4	50.8	—
Marijuana only	19.0	26.7	23.3	22.5	21.3	20.9	19.9	20.8	21.4	19.5	18.5	17.2	15.6	16.2	18.0	20.3	22.3	—
Any illicit drug other than marijuana ²	36.2	38.7	41.1	40.4	40.3	39.7	37.7	35.8	32.5	31.4	29.4	26.9	25.1	26.7	27.6	28.1	28.5	—
Use of selected drugs																		
Cocaine	9.0	15.7	16.0	16.2	16.1	17.3	16.9	15.2	12.1	10.3	9.4	7.8	6.1	6.1	5.9	6.0	7.1	8.7
Heroin	2.2	1.1	1.2	1.2	1.3	1.2	1.1	1.2	1.1	1.3	1.3	0.9	1.2	1.1	1.2	1.6	1.8	2.1
LSD	11.3	9.3	9.6	8.9	8.0	7.5	7.2	8.4	7.7	8.3	8.7	8.8	8.6	10.3	10.5	11.7	12.6	13.6
Marijuana/hashish	47.3	60.3	58.7	57.0	54.9	54.2	50.9	50.2	47.2	43.7	40.7	36.7	32.6	35.3	38.2	41.7	44.9	49.6
PCP	—	9.6	6.0	5.6	5.0	4.9	4.8	3.0	2.9	3.9	2.8	2.9	2.4	2.9	2.8	2.7	4.0	—
Percent reporting use of drugs in the past 12 months																		
Alcohol ¹	84.8	87.9	86.8	87.3	86.0	85.6	84.5	85.7	85.3	82.7	80.6	77.7	76.8	72.7	73.0	73.7	72.5	74.8
Any illicit drug	45.0	53.1	49.4	47.4	45.8	46.3	44.3	41.7	38.5	35.4	32.5	29.4	27.1	31.0	35.8	39.0	40.2	—
Marijuana only	18.8	22.7	19.3	19.0	17.8	18.9	18.4	17.6	17.4	15.4	14.6	13.2	12.2	13.9	17.8	19.6	20.4	—
Any illicit drug other than marijuana ²	26.2	30.4	30.1	28.4	28.0	27.4	25.9	24.1	21.1	20.0	17.9	16.2	14.9	17.1	18.0	19.4	19.8	20.7
Use of selected drugs																		
Cocaine	5.6	12.3	11.5	11.4	11.6	13.1	12.7	10.3	7.9	6.5	5.3	3.5	3.1	3.3	3.6	4.0	4.9	5.5
Heroin	1.0	0.5	0.6	0.6	0.5	0.6	0.5	0.5	0.6	0.5	0.4	0.4	0.6	0.5	0.6	1.1	1.0	1.2
LSD	7.2	6.5	6.1	5.4	4.7	4.4	4.5	5.2	4.8	4.9	5.4	5.2	5.6	6.8	6.9	8.4	8.8	8.4
Marijuana/hashish	40.0	48.8	44.3	42.3	40.0	40.6	38.8	36.3	33.1	29.6	27.0	23.9	21.9	26.0	30.7	34.7	35.8	38.5
PCP	—	4.4	2.2	2.6	2.3	2.9	2.4	1.3	1.2	2.4	1.2	1.4	1.4	1.4	1.6	1.8	2.6	—
Percent reporting use of drugs in the past 30 days																		
Alcohol ¹	68.2	72.0	69.7	69.4	67.2	65.9	65.3	66.4	63.9	60.0	57.1	54.0	51.3	48.6	50.1	51.3	50.8	52.7
Any illicit drug	30.7	37.2	32.5	30.5	29.2	29.7	27.1	24.7	21.3	19.7	17.2	16.4	14.4	18.3	21.9	23.8	24.6	—
Marijuana only	15.3	18.8	15.5	15.1	14.1	14.8	13.9	13.1	11.3	10.6	9.2	9.3	8.1	10.4	13.1	13.8	15.1	—
Any illicit drug other than marijuana ²	15.4	18.4	17.0	15.4	15.1	14.9	13.2	11.6	10.0	9.1	8.0	7.1	6.3	7.9	8.8	10.0	9.5	—
Use of selected drugs																		
Cocaine	1.9	5.2	5.0	4.9	5.8	6.7	6.2	4.3	3.4	2.8	1.9	1.4	1.3	1.3	1.5	1.8	2.0	2.3
Heroin	0.4	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.2	0.3	0.6	0.5	0.5
LSD	2.3	2.3	2.4	1.9	1.5	1.6	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.4	2.6	4.0	2.5	3.1
Marijuana/hashish	27.1	33.7	28.5	27.0	25.2	25.7	23.4	21.0	18.0	16.7	14.0	13.8	11.9	15.5	19.0	21.2	21.9	23.7
PCP	—	1.4	1.0	1.3	1.0	1.6	1.3	0.6	0.3	1.4	0.4	0.5	0.6	1.0	0.7	0.6	1.3	—

¹ Survey question changed in 1993; data are not comparable to figures for earlier years.
² Other illicit drugs include any use of hallucinogens, cocaine, and heroin, or any use of other opiates, stimulants, sedatives, or tranquilizers not under a doctor's orders.
 —Data not available.

SOURCE: U.S. Department of Health and Human Services, Alcohol, Drug Abuse, and Mental Health Administration, *Drug Use Among American High School Students and Other Young Adults, National Trends Through 1988*; and press releases dated January 1992, April 1993, and January 1994; and University of Michigan, Institute for Social Research, *Monitoring the Future*, unpublished data. (This table was prepared February 1999.)

NOTE.—A revised questionnaire was used in 1982 and later years to reduce the inappropriate reporting of nonprescription stimulants. This slightly reduced the positive responses for some types of drug abuse.

Table 151.—Percent of students (grades 7 to 12) who feel that certain problems are very serious: 1996

Student characteristics	Tight groups of friends that do not talk to one another	Hostile or threatening remarks between groups of students	Threats or destructive acts, other than physical fights	Turf battles between different groups of students	Physical fights between members of different groups of friends	Gang violence
1	2	3	4	5	6	7
All students	10	25	24	21	26	26
Location						
Urban	11	32	33	30	33	36
Suburban	11	22	20	18	24	21
Rural	8	20	19	13	20	17
Sex						
Male	10	24	23	21	26	25
Female	10	27	26	21	27	26
School level						
7th and 8th grades	9	32	28	24	32	31
9th through 12th grades	11	22	22	20	23	23
Race/ethnicity						
White	9	22	21	16	22	19
African American	12	36	33	32	37	40
Hispanic	13	33	32	33	34	41

SOURCE: Metropolitan Life/Louis Harris Associates, Inc., *The Metropolitan Life Survey of The American Teacher, 1996. Part I. "Students Voice Their Opinions On: Violence, Social Tension and Equality Among Teens."* (This table was prepared July 1997.)

Table 152.—Ages for compulsory school attendance, special education services for students, policies for kindergarten programs, and year-round schools, by state: 1997 and 1995

State	Compulsory attendance, 1997	Compulsory special education services, 1997 ¹	Year-round schools, 1995		Provision of kindergarten education, 1995			
			Has policy on year-round schools	Has districts with year-round schools	School districts required to offer		Attendance required	
					Half day	Full day	Half day	Full day
1	2	3	4	5	6	7	8	9
Alabama	7 to 16	3 to 21		X		X		
Alaska	² 7 to 16	3 to 21		X				
Arizona	³ 6 to 16	3 to 21	X	X	X		X	
Arkansas	5 to 17	3 to 21	X	X		X		X
California	6 to 18	3 to 21	X	X	X			
Colorado	7 to 16	⁴ 3 to 20		X				
Connecticut	7 to 16	3 to 20			X			
Delaware	5 to 16	3 to 20			X			
District of Columbia ...	5 to 18	⁵ 3 to 21					X	X
Florida	6 to 16	3 to 20	X	X			X	X
Georgia	7 to 16	3 to 21		X		X		
Hawaii	⁶ 6 to 18	3 to 20		X				
Idaho	7 to 16	3 to 20	X	X				
Illinois	7 to 16	3 to 20	X	X	X			
Indiana	⁷ 7 to 18	3 to 21		X	X			
Iowa	6 to 16	Birth to 20						
Kansas	7 to 16	3 to 20						
Kentucky	⁸ 6 to 16	3 to 20		X	X			
Louisiana	7 to 17	3 to 21	—	—	—	—	—	—
Maine	7 to 17	3 to 19						
Maryland	5 to 16	Birth to 20			X			
Massachusetts	6 to 16	3 to 21			X			
Michigan	6 to 16	Birth to 25						
Minnesota	⁹ 7 to 16	Birth to 20	X	X	X			
Mississippi	6 to 17	3 to 20		X		X		
Missouri	7 to 16	3 to 20		X	X		X	
Montana	¹⁰ 7 to 16	3 to 18			X			
Nebraska	7 to 16	Birth to 20	X					
Nevada	7 to 17	3 to 21		X	X			
New Hampshire	6 to 16	3 to 20						
New Jersey	6 to 16	3 to 21						
New Mexico	5 to 18	3 to 21		X	X		X	
New York	¹¹ 6 to 16	3 to 21	X	X				
North Carolina	7 to 16	3 to 20	X	X				
North Dakota	7 to 16	3 to 20			X	X	X	X
Ohio	6 to 18	3 to 21		X	X		X	
Oklahoma	5 to 18	3 to 21	X	X	X			
Oregon	7 to 18	3 to 21		X	X			
Pennsylvania	8 to 17	3 to 20			X			
Rhode Island	6 to 16	3 to 20			X		X	
South Carolina	¹² 5 to 17	⁴ 3 to 21		X	X		X	
South Dakota	¹⁰ 6 to 16	3 to 21	X		X	X		
Tennessee	7 to 17	3 to 21		X	X		X	
Texas	6 to 17	3 to 21	X	X	X	X		
Utah	6 to 18	3 to 21	X	X	X		X	
Vermont	7 to 16	3 to 21						
Virginia	5 to 18	2 to 21		X	X	X	X	X
Washington	¹³ 8 to 18	3 to 20		X				
West Virginia	6 to 16	3 to 20	X		X			
Wisconsin	¹⁴ 6 to 18	⁴ 3 to 20						
Wyoming	7 to 16	⁴ 3 to 20			X			

¹ Most states have an upper age limit whereby education is provided up to a certain age or completion of secondary school, whichever comes first.

² Ages 7 to 16 or high school graduation.

³ Ages 6 to 16 or tenth grade completion.

⁴ Upper age limit for eligibility has been updated for 1997.

⁵ State has established two points in the program year by which children must be 3 years of age to be eligible for services.

⁶ Students over the age of 16 may withdraw with the approval of a principal and student's guardians, and if an alternative education program exists.

⁷ From age 7 until student (1) graduates; (2) between age 16 to 18 and meets requirements for exit interview before graduation; or (3) reaches 18. Withdrawal before 18 requires parent/guardian and principal written permission.

⁸ Must have parental signature for leaving school between ages 16 to 18.

⁹ Age 18 takes effect in 2000.

¹⁰ Age 16 or completion of eighth grade.

¹¹ Ages 6 to 17 for New York City and Buffalo.

¹² Permits parental waiver of kindergarten at age 5.

¹³ Or can exit if age 16 or older, has a useful occupation, has met graduation requirements or has a certificate of education competency.

¹⁴ Ages 6 to 18 or high school graduation.

—Data not available.

NOTE.—The Education of the Handicapped Act (EHA) Amendments of 1986 make it mandatory for all states receiving EHA funds to serve all 3- to 18-year-old disabled children.

SOURCE: U.S. Department of Education, Office of Special Education and Rehabilitative Services, *The Eighteenth Annual Report to Congress on the Implementation of The Individuals with Disabilities Education Act, 1996*; National Association of State Directors of Special Education, Inc., unpublished data; Education Commission of the States, "Clearinghouse Notes," March 1997; and Council of Chief State School Officers, *State Education Policies on Student Attendance and Use of Time: 1995*. (This table was prepared May 1997.)

Table 153.—Tenth- and 12th-graders' attendance patterns, by selected student and school characteristics: 1990 and 1992

Attendance pattern	All students	Sex		Race/ethnicity					Socioeconomic status ¹			Control of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle	High	Public	Catholic	Other private
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Percent of 10th graders in 1990														
Number of days missed first half of current school year														
None	14.3	17.1	11.6	13.0	21.2	12.5	23.1	12.0	13.1	15.0	14.9	14.0	18.3	15.1
1 or 2 days	23.2	24.9	21.5	22.8	27.2	20.6	28.6	12.5	20.0	23.0	26.6	22.6	26.4	33.6
3 or 4 days	27.7	27.1	28.3	28.8	24.5	25.0	23.9	33.7	25.3	27.6	29.5	27.9	26.6	27.7
5 or more days	34.8	30.9	38.7	35.4	27.1	41.9	24.4	41.9	41.6	34.3	29.0	35.4	28.8	23.5
Number of times late first half of current school year														
None	25.2	25.4	24.9	27.8	17.8	17.8	22.0	18.6	23.9	25.7	26.6	25.3	27.7	17.9
1 or 2 days	38.2	38.1	38.3	38.0	41.1	36.7	39.7	31.3	37.4	38.6	38.2	37.8	39.8	44.6
3 or more days	36.7	36.6	36.8	34.2	41.1	45.5	38.3	50.1	38.7	35.7	35.2	36.9	32.4	37.5
Cut classes														
Never or almost never	84.8	83.5	86.2	85.8	86.5	75.8	87.1	81.4	82.3	84.5	89.0	84.0	95.2	90.9
At least sometimes	15.2	16.5	13.8	14.2	13.5	24.2	12.9	18.6	17.7	15.5	11.0	16.0	4.8	9.1
Percent of 12th graders in 1992														
Number of days missed first half of current school year														
None	8.7	10.5	6.9	7.4	15.8	6.9	15.6	11.3	8.7	8.6	8.8	8.6	10.2	9.1
1 or 2 days	30.3	30.8	29.9	29.9	31.0	31.6	34.3	22.4	27.5	30.8	31.7	30.2	31.2	32.7
3 to 6 days	35.0	35.0	35.1	36.2	31.2	34.4	27.4	37.8	34.0	34.0	37.7	34.8	37.5	37.8
7 or more days	25.9	23.7	28.2	26.5	22.1	27.1	22.7	28.6	29.8	26.6	21.8	26.4	21.1	20.5
Number of times late first half of current school year														
None	19.0	17.7	20.3	20.6	14.0	14.7	16.2	19.1	19.7	19.0	18.7	19.2	19.5	12.3
1 or 2 days	33.5	32.4	34.5	34.4	32.1	28.7	33.8	25.3	32.8	34.2	33.1	33.0	36.4	37.6
3 or more days	47.6	49.9	45.2	45.0	53.9	56.6	50.0	55.6	47.5	46.8	48.2	47.8	44.1	50.1
Cut classes														
Never or almost never	75.6	72.8	78.4	76.5	77.7	67.9	72.7	73.7	76.2	75.6	75.4	74.3	87.1	86.3
At least sometimes	24.4	27.2	21.6	23.5	22.3	32.1	27.3	26.3	23.8	24.4	24.6	25.7	12.9	13.7

¹ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile; the "Middle" SES group is the middle two quartiles; and the "High" SES group is the upper quartile.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," First and Second Followup surveys. (This table was prepared March 1994.)

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
Alabama Standard	22	24	4	4	4	4	1.5	5.5	1 (.5 fine arts; .5 computer applications).	2000	Students must become computer literate through related coursework.
Alaska	21	21	4	3	2	2	1	9		—	
Arizona	20	20	4	2.5	2	2	0	8	1.5 (.5 free enterprise, 1 fine arts).	1996	State board is required to adopt competency tests for graduation in reading, writing and mathematics (1996). Social studies requirement includes 1 unit in world history and geography; 1.5 units in U.S. and Arizona Constitutions and Arizona history. ¹
Arkansas Technical postsecondary preparatory	20	21	4	2	3	3	1	3	5 (.5 oral communications; 1 vocational/technical; .5 fine arts; seniors take at least 3 academic courses).	1997	Science requirements include 1 unit in life science and 1 unit in physical science. Physical education requirement includes .5 unit in health and safety and .5 unit in physical education. Physical education cannot exceed 1 unit. ²
College preparatory	—	21	4	3	3	3	1	3	4 (.5 oral communication; .5 fine arts; seniors take at least 3 academic courses).	1988	Science requirements include 1 unit in life science and 1 unit in physical science. Physical education requirement includes .5 unit in health and safety and .5 unit in physical education. Physical education cannot exceed 1 unit. ^{1,2}
California Standard	13	13	3	3	2	2	2	—	1 (includes foreign language or American Sign Language or visual and performing arts).	1989	Social studies requirement includes 1 unit in U.S. history and geography, 1 unit in world history, culture and geography, .5 unit American government, and .5 unit economics. Science requirement includes 1 unit in biological and 1 unit in physical science. ³
Colorado	—	(1)	(1)	(1)	(1)	(1)	(1)	(1)	—	—	(1,3)
Connecticut	20	20	4	3	3	2	1	1	6	1988	Electives could be in arts or vocational education.
Delaware Standard (1997, 1998)	19	19	4	3	2	2	1.5	6.5	—	1997	Physical education requirement includes .5 unit in health and 1 unit in physical education.
Standard (1999)	—	20	4	3	2	2	1.5	6.5	1 (computer literacy); students must become computer literate through formal class or related coursework.	1999	Physical education requirement includes .5 unit in health and 1 unit in physical education.
Standard (2000)	—	22	4	3	3	3	1.5	—	7.5 (1 computer literacy; students must become computer literate through formal class or related coursework; 3 Career Pathway ⁴ ; 3.5 additional academic coursework).	2000	Physical education requirement includes .5 unit in health and 1 unit in physical education.
District of Columbia	23.5	23.5	4	3.5	3	3	1.5	3.5	5 (2 foreign language; 1 life skills; 1 career/vocational; .5 fine arts; .5 music).	1996	D.C. requires 100 hours of community service without credit.
Florida	24	24	4	2.5	3	3	1	9	1.5 (.5 economics; 1 practical arts or exploratory career education).	—	Social studies requirement includes 1 unit in American history, 1 unit in world history and .5 unit in American government. Two science units must have a laboratory component. The physical education requirement includes .5 unit in life management skills and .5 units in physical education. ^{1,2}
Georgia Standard	21	21	4	3	3	3	1	6	1 (computer technology and/or fine arts and/or vocational education and/or junior ROTC).	1997	Students who completed 4 units of vocational education in addition to requirements receive a state seal of endorsement. Mathematics requirement includes 1 unit in algebra. ^{1,2}

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996—Continued

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
Advanced	21	21	4	3	3	3	1	4	3 (2 foreign language; 1 fine arts, vocational education, computer technology, or ROTC).	—	(1,2)
Hawaii											
Standard	22	22	4	4	3	3	2	6	—	1997	Physical education includes 1 unit in health and guidance and 1 unit in physical education. 10th grade students take the Hawaii State Test of Essential Competencies (HSTEC).
Recognition diploma	—	24	4	4	3	3	2	6	2 (foreign language, performing/fine arts, or vocational education).	1997	Physical education requirement includes 1 unit in health and guidance and 1 unit in physical education. 10th grade students take Hawaii State of Essential Competencies (HSTEC).
Idaho	21	21	4	2	2	2	1.5	6	3.5 (.5 reading; .5 speech; .5 consumer education; 2 humanities. Practical arts may substitute for 1 of the 2 units in the humanities).	1997	State requires a C average, demonstrated competency in core curriculum on a junior class competency test or adherence to a local district's achievement plan for graduation. History requirement includes 1 unit in U.S. history and 1 unit in American government. Both science units must include a laboratory component. The physical education requirement includes .5 unit in health and 1 unit in physical education.
Illinois	16	16	3	2	2	1	4.5	2.25	1.25 (1 from music, art, foreign language which includes American Sign Language, or vocational education; .25 from consumer education).	1995	1 year of mathematics may be computer technology. Social studies requirement includes 1 unit in U.S. history or .5 unit in U.S. history and .5 unit in American government. Physical education requirement includes .5 unit in health education. ²
Indiana											
Standard	19.5	19.5	4	2	2	2	1.5	8	—	1989	State does not use standard Carnegie units. Tenth grade exit exam begins with the class of 1999–2000. ¹
Academic honors	24	24	4	3	4	4	1	4 or 5	3 or 4 in foreign language (3 years of 1 language or 2 years in 2 languages)	1990	State does not use standard Carnegie units. Tenth grade exit exam begins with the class of 1999–2000. ¹
Iowa	—	—	—	1.5	—	—	—	—	—	—	All students must participate in physical education unless they qualify under certain exceptions. Social studies requirement includes 1 unit in U.S. history and .5 unit in American government. ^{1,3}
Kansas	21	21	4	3	2	2	1	9	—	—	Students are required to take a course in Kansas history or government (consisting of a minimum of 9 weeks and 1,800 minutes) in grades 7–12. English/language arts requirement includes 3 units in English. Social studies requirement includes 1 unit in American history and .5 unit in American government. ¹
Kentucky											
Standard	20	20	4	2	3	2	1	8	—	1987	Social studies requirement includes 1 unit in U.S. history. The physical education requirement includes .5 unit in health and .5 unit in physical education.
Commonwealth	22	22	5	2	3	2	1	8	1 foreign language in advanced placement.	1993	Completion of 1 exam in at least 3 of the advanced placement classes (science or mathematics, foreign language and English) is required. Physical education requirement includes .5 unit in health and .5 unit in physical education.

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996—Continued

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
Louisiana Standard	23	23	4	3	3	3	2	7.5	.5 computer literacy	1987	With an ACT score of 29 or above, 3.5 GPA or above with no semester grade lower than a B, and no unexcused absences or suspensions, students may receive a Scholar Program Seal on their diploma. ^{1,2}
Regents program	24	24	4	3.5	3	3	2	4.5	4 (3 foreign language; 1 fine arts).	1983	
Maine	16	16	4	2	2	2	1.5	3.5	1 fine arts	1989	Social studies requirement includes 1 unit in American history and 1 unit in American government. One science unit must include a laboratory component. Students must pass computer proficiency standards. ¹
Maryland	21	21	4	3	3	2	1	5	3 (1 fine arts; 1 industrial arts/technology education, home economics, vocational education, or computer studies; and 1 community service).	1997	(²)
Massachusetts	—	—	—	1	—	—	4	—	—	—	American history is required. ^{1,2,3}
Michigan	—	—	—	—	—	—	—	—	—	1993	A competency exam is optional for students wanting an endorsed diploma. Students must receive instruction on U.S. and Michigan history and take a semester of civics. ³
Minnesota	20	—	—	—	—	—	—	—	—	2000	(^{1,2})
Mississippi	18	18	4	2	2	2	—	8	—	1989	One science unit must include a laboratory component. ²
Missouri Standard	22	22	3	2	2	2	1	10	2 (1 practical arts; 1 fine arts).	1988	Local districts may add to the requirements.
College preparatory certificate	24	24	4	3	3	2	1	9	2 (1 practical arts; 1 fine arts).	1988	Social studies requirement includes 1 unit in American history. One science unit must include a laboratory component. Of the 9 elective units, 3 core electives are selected from foreign language, English, social studies, mathematics, science or fine arts. A GPA of 3.0 and SAT of 1014 or enhanced ACT of 21 is required.
Montana	20	20	4	2	2	2	1	7	2 (1 fine arts; 1 vocational/practical arts).	1989	
Nebraska	—	—	—	—	—	—	—	—	—	1991	The state does not use standard Carnegie units. ³
Nevada	22.5	22.5	4	2	2	2	2.5	8.5	1.5 (1 arts and humanities; .5 computer literacy).	1992	Computer literacy course requirement may be waived by demonstration of competency. Social studies requirement includes 1 unit in American government and 1 unit American history. Physical education requirement includes .5 unit in health and 2 units in physical education. ^{1,2}
New Hampshire	19.75	19.75	4	2	2	2	1.25	7	1.5 (.5 arts; .5 computer education; .5 basic business and economics).	1989	The social studies requirement includes 1 unit in U.S. and New Hampshire history and 1 elective unit. Science requirement includes 1 unit in physical and 1 unit in biological science. Physical education requirement includes .25 unit in health and 1 unit in physical education. ³
New Jersey	21.5	21.5	4	3	3	2	4	4	1.5 (1 fine, practical, or performing arts; .5 career education).	1990	110 credit hours are required for graduation. (The state does not use standard Carnegie units.) Social studies requirement includes 2 units in U.S. history and 1 unit in world history/cultures. Science unit may be either natural or physical science. The state allows credit for college coursework. ^{1,2}

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996—Continued

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
New Mexico	23	23	4	3	3	2	1	9	1 communication skills	1990	One science unit must have a laboratory component. Social studies requirement includes government and economics, world history and geography, and U.S. history and geography. ²
New York Standard	18.5	20.5	—	4	—	—	2.5	2	4 (1 art and/or music; 3 second language).	1989	Social studies requirement includes U.S. history and government. ²
Regents diploma	18.5	18.5	4	4	2	2	2.5	3 to 5	1 (foreign language, art and/or music, occupational, technical or home economics education).	2000	Physical education requirement includes .5 unit in health and 2 physical education. Physical education courses may not be included toward the 18.5 units required for graduation. One science credit must include a laboratory component. The 3 to 5 elective units are chosen from a specified sequence of courses. ²
North Carolina Standard	20	20	4	2	2	2	1	9	—	1987	One science class must include a laboratory component. ²
Scholars program	22	22	4	3	3	3	1	4	4 (2 foreign language; 2 additional credits from English, mathematics, science, social science, or foreign language).	1994	One science class must include a laboratory component. ²
North Dakota	17	17	4	3	2	2	1	5	—	1994	The social studies requirement includes 1 unit in world history and geography and 1 unit in U.S. history and geography. A unit of higher level foreign language may be substituted for the fourth unit of English. ³
Ohio	18	18	3	2	2	1	1	9	3 (total units in a subject area other than language arts/English must be taken to complete a "minor").	1988	(^{1,2})
Oklahoma Standard	20	21	4	2	3	2	0	8	2 (1 fine/performing arts; 1 citizenship skills).	2000	(¹)
College preparatory	15	15	4	2	3	2	0	—	4 (3 units chosen from foreign language, computer science, English, mathematics, history, sociology, science, speech, or psychology; 1 unit from economics, geography, government or non-Western culture).	1996	(¹)
Oregon	22	22	3	3.5	2	2	2	8	1.5 (.5 career development; 1 applied arts, or foreign language).	1988	Students receive an honors diploma for a GPA of 3.5 or higher.
Pennsylvania	21	21	4	3	3	3	1	5	2 credits in arts, humanities or computer science	1989	Students must achieve 52 state academic performances and locally developed outcomes.
Rhode Island Standard	16	16	4	2	2	2	—	6	—	1989	—
College preparatory	18	18	4	2	3	2	—	4	3 (2 credits in foreign language; .5 computer, .5 arts).	—	—

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996—Continued

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
South Carolina											
Technical preparatory	20	24	4	3	4	3	1	3	6 (4 credits in occupational specialty; 2 in foreign language).	2000	Students must complete an occupational specialty program consisting of four sequential units of instruction in a career major. Students must demonstrate keyboarding proficiency and computer literacy before high school graduation. The social studies requirement includes 1 world history or geography; 1 unit in U.S. history; .5 unit in U.S. government and .5 unit in economics. ²
Dual Path	22	24	4	4	4	4	1	1	6 (4 occupational specialty; 2 foreign language).	2000	Social studies requirement includes 1 unit in world history; 1 unit in world geography; 1 unit in U.S. history; .5 unit in U.S. government; and .5 unit in economics. ²
College preparatory	—	24	4	4	4	4	1	4	3 credits in foreign language	—	Proficiency in computer keyboarding/computer literacy is required for graduation. Social studies requirement includes 1 unit in world history; 1 unit in world geography; 1 unit in U.S. history; .5 unit in U.S. government; and .5 unit in economics. ²
South Dakota	20	20	4	3	2	2	—	8	1 (.5 computer studies; .5 fine arts).	1989	Language arts/English requirement includes 1.5 units in writing, .5 unit in American literature, .5 unit in literature and .5 unit in speech. Social studies requirement includes 1 unit in U.S. history, .5 unit in U.S. government and .5 unit in geography. Both science units must include a laboratory.
Tennessee											
Technical preparatory	20	20	4	3	3	3	1	2	4 (program of study focusing on a particular technical area).	1989	Exit exam with no passing standards is required before graduation; it is used to assess readiness for workplace or higher education.
University preparatory	20.5	20	4	3	3	3	1	3	3 (2 in foreign language; 1 fine art)	1989	Exit exam with no passing standards is required before graduation; it is used to assess readiness for workplace or higher education.
Texas											
Standard (1998)	21	22	4	2	3	2	2	7	2 (.5 economics/free enterprise; .5 speech; 1 technology application).	1998	Physical education requirement includes .5 unit in health and 1.5 units in physical education. ²
Standard (2000)	22	24	4	4	3	3	2	3	5 (3 foreign language; 1 technology application; 1 fine arts).	2000	Students must choose one of the three-credit additional options for electives. College Board advanced placement and International Baccalaureate courses may be substituted for requirements in appropriate proficiency areas to receive dual credits for college coursework. Physical education requirement includes .5 unit in health and 1.5 units in physical education. Social studies requirement includes economics.
Utah	24	24	3	3	2	2	2	9.5	2.5 (1.5 arts; 1 applied technical education or occupational preparation).	1988	Students may accumulate credits more quickly than peers and be eligible to receive a Centennial Scholarship for Early Graduation to be applied to college tuition. ^{1,3}
Vermont	14.5	14.5	4	3	0 to 5	0 to 5	1.5	—	1 arts	1989	A total of 5 credits are required in mathematics and science.
Virginia											
Standard	21	21	4	3	2	2	2	6	2 (1 additional mathematics or science; 1 fine or practical arts).	1989	(²)
Advanced studies	23	23	4	3	3	3	2	4	4 (3 foreign language; 1 fine or practical arts).	—	(²)

Table 154.—State requirements for high school graduation, in Carnegie units: 1993 and 1996—Continued

State	1993		1996							First graduating class to which these requirements apply	Notes
	All courses	All courses	Subject areas								
			English/language arts	Social studies	Mathematics	Science	Physical education/health	Electives	Other courses		
1	2	3	4	5	6	7	8	9	10	11	12
Washington	19	19	3	2.5	2	2	2	5.5	2 (1 occupational education; 1 fine/visual or performing arts).	1991	(1)
West Virginia Standard (1989)	21	21	4	3	2	2	2	8	—	1989	Electives must be from applied arts, fine or performing arts, or a foreign language.
Standard (2002)	21	21	4	3	2	2	2	7	1 art, music, theater or dance	2002	
Wisconsin	13	21.5	4	3	2	2	2	—	—	1989	Grades 9–12 need 1.5 units of physical education and grades 7–12 need .5 unit of health. ^{1,3}
Wyoming	18	18	4	3	2	2	—	5	—	1997	

¹ State allows dual credit for college coursework.

² Minimum competency test is required.

³ Local boards determine at least some requirements.

⁴ A Career Pathway is a planned program of sequenced or specialized courses designed to develop knowledge and skills in a particular career area. Students may use the Additional Academic Coursework (visual and performing arts,

foreign language and/or vocational technical education coursework, including Junior ROTC) as an option, to pursue individual academic interests. The credits in these two categories will eventually replace the elective credits.
—Data not available or not applicable.

NOTE.—Local school districts frequently have other graduation requirements in addition to state requirements.

SOURCE: Education Commission of the States, *Clearinghouse Notes*, "Minimum High School Graduation Requirements" November 1996. (This table was prepared July 1997.)

Table 155.—States using minimum-competency testing, by government level setting standards, grade levels assessed, and expected uses of standards: 1995–96

State	Grade levels assessed	Expected uses									
		Student diagnosis or placement ¹	Improvement of instruction ¹	Program evaluation ¹	Student diagnosis or placement ²	Student promotion ²	High school graduation ²	Student awards or recognition ³	Public school performance reporting ³	Accreditation ³	Other
1	2	3	4	5	6	7	8	9	10	11	12
Alabama	3–12	X	X	X			X		X		
Alaska	4,8,11		X						X		
Arizona	4,7,10	X	X	X					X		
Arkansas	4,5,7,10,11	X	X	X					X		
California	9–12 ⁴	X			X						
Colorado ⁵											
Connecticut	4,6,8,10	X	X	X	X			X	X		
Delaware	3,5,8,10	X	X	X							
Florida	4,8,10,11		X	X			X				
Georgia	K,3,5,8,11,12	X	X	X			X		X		
Hawaii	3,6,8,10–12	X	X	X			X	X	X		
Idaho	3–11		X						X		
Illinois	3,4,6–8,10,11									X	
Indiana	3,6,10	X	X	X				X	X	X	
Iowa ⁵											
Kansas	3–5,7,8,10	X	X	X					X	X	
Kentucky	4,8,11,12		X	X				X			
Louisiana	K,3–7,10,11	X	X	X		X	X	X	X		
Maine	4,8,11		X	X	X						
Maryland	3,5,7–12	X	X	X			X		X	X	(6)
Massachusetts	4,8,10		X						X		
Michigan	4,5,7,8,11		X	X	X			X	X	X	(7)
Minnesota ⁵											
Mississippi	4–9,11	X	X	X					X	X	(6)
Missouri	3,5,6,8,10,11 ⁸		X	X					X	X	
Montana	4,8,11		X	X							
Nebraska ⁵											
Nevada	4,8,11,12	X	X	X			X		X		
New Hampshire	3,6,10		X	X							
New Jersey	8,11,12	X	X				X		X	X	
New Mexico	1–6,8,10–12	X	X	X			X		X		(6)
New York	3–6,8–12		X	X	X	X	X		X		(7,9)
North Carolina	3–10		X	X	X	X	X				
North Dakota	3,6,8,11	X	X	X	X						
Ohio	4,6,8–12		X	X			X	X	X		
Oklahoma	3,5–9,11,12	X	X	X					X	X	
Oregon	3,5,8,11		X	X					X		
Pennsylvania	5,6,8,9,11 ⁸	X	X						X		
Rhode Island	4,8,10		X	X					X		
South Carolina	3–11	X	X	X		X	X	X	X		(6)
South Dakota	4,8,11		X	X							
Tennessee	2–9,11	X	X	X			X		X		(7)
Texas	3–8,10–12	X	X	X	X		X		X	X	
Utah	1–12 ⁴	X	X	X	X				X		
Vermont	4,8,10 ⁴	X	X	X					X		
Virginia	4,6–12	X	X	X	X	X	X		X		
Washington	4,8,11	X	X	X					X		
West Virginia	1–11		X							X	(6)
Wisconsin	3,4,8,10			X					X		
Wyoming	9–12 ⁸		X	X							

¹ Testing program is for instructional purposes.

² Testing program is for the purpose of student accountability.

³ Testing program is for school accountability.

⁴ Inclusion is voluntary for students, schools or school districts for one or more grades.

⁵ States did not administer any statewide assessments for the 1995–96 school year.

⁶ High school skills guarantee.

⁷ Endorsed diploma.

⁸ A sample of students is tested for one or more grades.

⁹ Honors diploma.

SOURCE: Council of Chief State School Officers, North Central Regional Educational Laboratory, "Annual Survey of State Student Assessment Programs, Fall 1996." (This table was prepared July 1997.)

Table 156.—States requiring testing for initial certification of teachers, by authorization, year enacted, year effective, and test used: 1990 and 1998

State	Assessment for certification 1990				Assessment for certification 1998				
	Basic skills exam	Knowledge of teaching exam	Subject matter exam	Assessment of teaching performance	Basic skills exam	Subject matter exam	General knowledge exam	Knowledge of teaching exam	Assessment of teaching performance
1	2	3	4	5	6	7	8	9	10
Alabama					(1)	X		X	X
Alaska									
Arizona	X	X			X				
Arkansas		X	X		X	X		X	
California	X		X		X	X			X
Colorado	X			X	X	X	X	X	
Connecticut	X		X	X	X	X			
Delaware	X				X				
District of Columbia	X		X		X	X			
Florida		X	X	X	X	X	X	X	X
Georgia			X	X	X	X			
Hawaii	X	X	X		X	X		X	X
Idaho		X	X						
Illinois		X	X		X	X			
Indiana	X	X	X		X	X	X	X	
Iowa	X	X	X	X					
Kansas	X	X			X			X	
Kentucky				X	X	X	X	X	X
Louisiana	X	X	X		X	X	X	X	X
Maine	X	X	X	X			X	X	
Maryland	X	X	X		X	X	X	X	
Massachusetts	(2)				(1)				
Michigan					X	X	(3)		
Minnesota	X				X				
Mississippi		X	X	X	X	X	X	X	
Missouri			X		(1)	X			
Montana	X	X			X				
Nebraska	X				X				
Nevada	X	X	X		X	X		X	
New Hampshire	X				X				
New Jersey			X			X	(4)		
New Mexico	X	X		X	X			X	
New York	X	X							
North Carolina				X	(1)	X			
North Dakota					(1)		X	X	
Ohio ⁵		X	X		X	X	X	X	
Oklahoma				X	X	X			X
Oregon	X	X	X	X	X	(6)	X	X	(7)
Pennsylvania	X	X	X		X	X	X	X	
Rhode Island	X	X		X	X		X	X	
South Carolina		X		X	X	x		X	
South Dakota					X	x			X
Tennessee				X	X	x	X	X	X
Texas		X	X		X	x		X	
Utah			X						
Vermont									
Virginia	X	X	X	X	X	X	X	X	
Washington				X	(1)				
West Virginia ⁸	X		X	X	X	X			X
Wisconsin	X				X				
Wyoming									

¹ For admission to program.

² Test required for foreign language, bilingual, and English as a Second Language.

³ Elementary certificate exam (subject-area exam).

⁴ For elementary education.

⁵ Test requirements set by local school districts.

⁶ Specialty area exams.

⁷ For Oregon graduates.

⁸ Required for individuals entering West Virginia-approved education programs as of fall 1985.

SOURCE: Council of Chief State School Officers, "State Education Indicators, 1990;" and National Association of State Directors of Teacher Education and Certification, "The NASDTEC Manual, 1996-1997 and 1998-1999: Manual on Certification & Preparation of Educational Personnel in the United States & Canada." (This table was prepared November 1998.)

**Table 157.—Revenues for public elementary and secondary schools, by source of funds:
1919–20 to 1995–96**

School year	In thousands				Percentage distribution			
	Total	Federal	State	Local (including intermediate) ¹	Total	Federal	State	Local (including intermediate) ¹
1	2	3	4	5	6	7	8	9
1919–20	\$970,121	\$2,475	\$160,085	\$807,561	100.0	0.3	16.5	83.2
1929–30	2,088,557	7,334	353,670	1,727,553	100.0	0.4	16.9	82.7
1939–40	2,260,527	39,810	684,354	1,536,363	100.0	1.8	30.3	68.0
1941–42	2,416,580	34,305	759,993	1,622,281	100.0	1.4	31.4	67.1
1943–44	2,604,322	35,886	859,183	1,709,253	100.0	1.4	33.0	65.6
1945–46	3,059,845	41,378	1,062,057	1,956,409	100.0	1.4	34.7	63.9
1947–48	4,311,534	120,270	1,676,362	2,514,902	100.0	2.8	38.9	58.3
1949–50	5,437,044	155,848	2,165,689	3,115,507	100.0	2.9	39.8	57.3
1951–52	6,423,816	227,711	2,478,596	3,717,507	100.0	3.5	38.6	57.9
1953–54	7,866,852	355,237	2,944,103	4,567,512	100.0	4.5	37.4	58.1
1955–56	9,686,677	441,442	3,828,886	5,416,350	100.0	4.6	39.5	55.9
1957–58	12,181,513	486,484	4,800,368	6,894,661	100.0	4.0	39.4	56.6
1959–60	14,746,618	651,639	5,768,047	8,326,932	100.0	4.4	39.1	56.5
1961–62	17,527,707	760,975	6,789,190	9,977,542	100.0	4.3	38.7	56.9
1963–64	20,544,182	896,956	8,078,014	11,569,213	100.0	4.4	39.3	56.3
1965–66	25,356,858	1,996,954	9,920,219	13,439,686	100.0	7.9	39.1	53.0
1967–68	31,903,064	2,806,469	12,275,536	16,821,063	100.0	8.8	38.5	52.7
1969–70	40,266,923	3,219,557	16,062,776	20,984,589	100.0	8.0	39.9	52.1
1970–71	44,511,292	3,753,461	17,409,086	23,348,745	100.0	8.4	39.1	52.5
1971–72	50,003,645	4,467,969	19,133,256	26,402,420	100.0	8.9	38.3	52.8
1972–73	52,117,930	4,525,000	20,699,752	26,893,180	100.0	8.7	39.7	51.6
1973–74	58,230,892	4,930,351	24,113,409	29,187,132	100.0	8.5	41.4	50.1
1974–75	64,445,239	5,811,595	27,060,563	31,573,079	100.0	9.0	42.0	49.0
1975–76	71,206,073	6,318,345	31,602,885	33,284,840	100.0	8.9	44.4	46.7
1976–77	75,322,532	6,629,498	32,526,018	36,137,018	100.0	8.8	43.2	48.0
1977–78	81,443,160	7,694,194	35,013,266	38,735,700	100.0	9.4	43.0	47.6
1978–79	87,994,143	8,600,116	40,132,136	39,261,891	100.0	9.8	45.6	44.6
1979–80	96,881,165	9,503,537	45,348,814	42,028,813	100.0	9.8	46.8	43.4
1980–81	105,949,087	9,768,262	50,182,659	45,998,166	100.0	9.2	47.4	43.4
1981–82	110,191,257	8,186,466	52,436,435	49,568,356	100.0	7.4	47.6	45.0
1982–83	117,497,502	8,339,990	56,282,157	52,875,354	100.0	7.1	47.9	45.0
1983–84	126,055,419	8,576,547	60,232,981	57,245,892	100.0	6.8	47.8	45.4
1984–85	137,294,678	9,105,569	67,168,684	61,020,425	100.0	6.6	48.9	44.4
1985–86	149,127,779	9,975,622	73,619,575	65,532,582	100.0	6.7	49.4	43.9
1986–87	158,523,693	10,146,013	78,830,437	69,547,243	100.0	6.4	49.7	43.9
1987–88	169,561,974	10,716,687	84,004,415	74,840,873	100.0	6.3	49.5	44.1
1988–89	192,016,374	11,902,001	91,768,911	88,345,462	100.0	6.2	47.8	46.0
1989–90	208,547,573	12,700,784	98,238,633	97,608,157	100.0	6.1	47.1	46.8
1990–91	223,340,537	13,776,066	105,324,533	104,239,939	100.0	6.2	47.2	46.7
1991–92	234,581,384	15,493,330	108,783,449	110,304,605	100.0	6.6	46.4	47.0
1992–93	247,626,168	17,261,252	113,403,436	116,961,481	100.0	7.0	45.8	47.2
1993–94	260,159,468	18,341,483	117,474,209	124,343,776	100.0	7.1	45.2	47.8
1994–95 ²	273,149,449	18,582,157	127,729,576	126,837,717	100.0	6.8	46.8	46.4
1995–96	287,702,844	19,104,019	136,670,754	131,928,071	100.0	6.6	47.5	45.9

¹ Includes a relatively small amount from nongovernmental private sources (gifts and tuition and transportation fees from patrons). These sources accounted for 2.6 percent of total revenues in 1995–96.

² Revised from previously published figures.

NOTE.—Beginning in 1980–81, revenues for state education agencies are excluded. Beginning in 1988–89, data reflect new survey collection procedures and may not be en-

tirely comparable with figures for earlier years. Because of rounding, details may not add to totals.

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*; and Common Core of Data surveys. (This table was prepared June 1998.)

Table 158.—Revenues for public elementary and secondary schools, by source and state: 1995–96

[Amounts in thousands of dollars]

State or other area	Total	Federal		State		Local and intermediate		Private ¹	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
1	2	3	4	5	6	7	8	9	10
United States	\$287,702,844	\$19,104,019	6.6	\$136,670,754	47.5	\$124,308,202	43.2	\$7,619,869	2.6
Alabama	3,771,940	348,717	9.2	2,310,952	61.3	790,919	21.0	321,353	8.5
Alaska	1,183,127	130,903	11.1	782,559	66.1	239,553	20.2	30,112	2.5
Arizona	4,151,421	375,299	9.0	1,829,488	44.1	1,850,818	44.6	95,817	2.3
Arkansas	2,204,845	188,064	8.5	1,322,273	60.0	580,387	26.3	114,121	5.2
California	30,858,564	2,742,893	8.9	17,207,011	55.8	10,546,059	34.2	362,602	1.2
Colorado	3,804,992	200,537	5.3	1,665,138	43.8	1,811,053	47.6	128,263	3.4
Connecticut	4,786,247	177,394	3.7	1,819,099	38.0	2,656,280	55.5	133,474	2.8
Delaware	822,226	54,837	6.7	547,837	66.6	207,183	25.2	12,369	1.5
District of Columbia	675,409	54,405	8.1	—	—	617,760	91.5	3,244	0.5
Florida	13,214,948	972,473	7.4	6,422,329	48.6	5,317,562	40.2	502,583	3.8
Georgia	7,627,823	520,690	6.8	3,956,281	51.9	3,005,940	39.4	144,911	1.9
Hawaii	1,201,888	94,261	7.8	1,079,096	89.8	5,294	0.4	23,238	1.9
Idaho	1,179,927	83,787	7.1	758,538	64.3	316,851	26.9	20,750	1.8
Illinois	12,290,140	745,113	6.1	3,359,525	27.3	7,898,466	64.3	287,036	2.3
Indiana	6,191,534	319,237	5.2	3,362,035	54.3	2,312,251	37.3	198,012	3.2
Iowa	3,033,687	154,638	5.1	1,486,472	49.0	1,231,268	40.6	161,308	5.3
Kansas	2,948,036	160,308	5.4	1,690,101	57.3	1,022,587	34.7	75,040	2.5
Kentucky	3,492,890	290,625	8.3	2,280,140	65.3	895,219	25.6	26,906	0.8
Louisiana	3,934,998	477,761	12.1	1,978,050	50.3	1,374,937	34.9	104,250	2.6
Maine	1,451,987	80,876	5.6	681,853	47.0	673,602	46.4	15,656	1.1
Maryland	5,695,850	281,709	4.9	2,175,948	38.2	3,058,142	53.7	180,051	3.2
Massachusetts	6,772,855	318,591	4.7	2,593,935	38.3	3,749,747	55.4	110,582	1.6
Michigan	12,698,697	777,325	6.1	8,483,312	66.8	3,184,072	25.1	253,987	2.0
Minnesota	5,939,765	253,845	4.3	3,458,503	58.2	2,000,762	33.7	226,655	3.8
Mississippi	2,225,798	304,024	13.7	1,285,426	57.8	560,821	25.2	75,527	3.4
Missouri	5,263,003	317,991	6.0	2,113,958	40.2	2,618,966	49.8	212,088	4.0
Montana	941,538	92,802	9.9	457,958	48.6	350,452	37.2	40,326	4.3
Nebraska	1,876,494	104,388	5.6	593,662	31.6	1,067,218	56.9	111,226	5.9
Nevada	1,554,888	69,857	4.5	497,744	32.0	930,476	59.8	56,810	3.7
New Hampshire	1,217,104	40,623	3.3	84,764	7.0	1,060,083	87.1	31,633	2.6
New Jersey	11,882,657	402,135	3.4	4,582,794	38.6	6,615,530	55.7	282,198	2.4
New Mexico	1,783,804	216,810	12.2	1,318,739	73.9	209,699	11.8	38,556	2.2
New York	25,849,431	1,507,150	5.8	10,261,383	39.7	13,840,857	53.5	240,040	0.9
North Carolina	6,154,971	443,121	7.2	3,971,825	64.5	1,565,289	25.4	174,735	2.8
North Dakota	618,322	71,300	11.5	260,260	42.1	253,276	41.0	33,486	5.4
Ohio	11,794,089	738,880	6.3	4,797,764	40.7	5,775,786	49.0	481,659	4.1
Oklahoma	2,856,688	266,970	9.3	1,694,433	59.3	738,270	25.8	157,016	5.5
Oregon	3,366,831	218,785	6.5	1,821,888	54.1	1,203,913	35.8	122,245	3.6
Pennsylvania	14,047,905	776,499	5.5	5,589,707	39.8	7,425,427	52.9	256,273	1.8
Rhode Island	1,138,171	57,906	5.1	472,134	41.5	593,824	52.2	14,308	1.3
South Carolina	3,697,232	308,082	8.3	1,955,378	52.9	1,271,210	34.4	162,561	4.4
South Dakota	717,005	70,519	9.8	213,290	29.7	410,705	57.3	22,491	3.1
Tennessee	4,142,148	358,035	8.6	1,985,414	47.9	1,530,085	36.9	268,614	6.5
Texas	21,689,792	1,557,597	7.2	9,312,159	42.9	10,246,162	47.2	573,876	2.6
Utah	2,066,218	137,707	6.7	1,209,925	58.6	612,311	29.6	106,275	5.1
Vermont	773,448	36,481	4.7	215,275	27.8	501,925	64.9	19,767	2.6
Virginia	6,826,448	361,752	5.3	2,123,203	31.1	4,106,568	60.2	234,925	3.4
Washington	6,327,993	365,988	5.8	4,302,300	68.0	1,464,556	23.1	195,150	3.1
West Virginia	1,990,094	160,084	8.0	1,253,995	63.0	544,803	27.4	31,213	1.6
Wisconsin	6,304,318	273,225	4.3	2,705,278	42.9	3,192,597	50.6	133,219	2.1
Wyoming	662,660	41,022	6.2	339,624	51.3	270,684	40.8	11,331	1.7
Outlying areas									
American Samoa	45,087	34,218	75.9	10,801	24.0	0	—	68	0.2
Guam	171,464	19,524	11.4	0	—	150,544	87.8	1,397	0.8
Northern Marianas	44,418	11,785	26.5	32,504	73.2	70	0.2	58	0.1
Puerto Rico	1,821,858	536,899	29.5	1,284,218	70.5	256	(²)	484	(²)
Virgin Islands	142,016	24,495	17.2	0	—	117,434	82.7	87	0.1

¹ Includes revenues from gifts, and tuition and fees from patrons.² Less than .05 percent.

—Data not available or not applicable.

NOTE.—Excludes revenues for state education agencies. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared February 1998.)

Table 159.—Revenues for public elementary and secondary schools, by source and state: 1994–95

[Amounts in thousands of dollars]

State or other area	Total	Federal		State		Local and intermediate		Private ¹	
		Amount	Percent of total	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
1	2	3	4	5	6	7	8	9	10
United States	\$273,149,449	\$18,582,157	6.8	\$127,729,576	46.8	\$119,538,294	43.8	\$7,299,422	2.7
Alabama	3,541,876	343,927	9.7	2,161,685	61.0	766,020	21.6	270,244	7.6
Alaska	1,207,000	129,911	10.8	815,286	67.5	234,263	19.4	27,541	2.3
Arizona	3,783,285	354,242	9.4	1,664,966	44.0	1,673,192	44.2	90,886	2.4
Arkansas	2,175,109	199,163	9.2	1,266,778	58.2	605,499	27.8	103,669	4.8
California	28,891,301	2,751,519	9.5	15,670,329	54.2	10,127,054	35.1	342,399	1.2
Colorado	3,679,162	193,865	5.3	1,578,428	42.9	1,788,285	48.6	118,585	3.2
Connecticut	4,431,603	177,446	4.0	1,748,802	39.5	2,375,694	53.6	129,661	2.9
Delaware	745,036	53,885	7.2	479,319	64.3	199,689	26.8	12,143	1.6
District of Columbia	701,300	66,716	9.5	—	—	631,028	90.0	3,556	0.5
Florida	12,805,853	971,277	7.6	6,286,323	49.1	5,067,892	39.6	480,362	3.8
Georgia	6,965,472	512,456	7.4	3,530,615	50.7	2,785,137	40.0	137,265	2.0
Hawaii	1,177,915	86,882	7.4	1,062,296	90.2	6,307	0.5	22,429	1.9
Idaho	1,088,596	84,012	7.7	666,387	61.2	318,671	29.3	19,527	1.8
Illinois	12,016,320	780,212	6.5	3,361,268	28.0	7,605,409	63.3	269,431	2.2
Indiana	6,362,528	306,971	4.8	3,391,558	53.3	2,472,119	38.9	191,880	3.0
Iowa	2,881,176	151,225	5.2	1,381,238	47.9	1,182,483	41.0	166,230	5.8
Kansas	2,883,345	152,757	5.3	1,655,905	57.4	1,002,034	34.8	72,648	2.5
Kentucky	3,240,926	301,243	9.3	2,132,169	65.8	782,230	24.1	25,283	0.8
Louisiana	3,837,863	458,344	11.9	1,999,368	52.1	1,281,012	33.4	99,139	2.6
Maine	1,400,439	79,403	5.7	670,517	47.9	635,245	45.4	15,272	1.1
Maryland	5,559,604	279,464	5.0	2,059,241	37.0	3,049,831	54.9	171,068	3.1
Massachusetts	6,549,468	352,760	5.4	2,376,538	36.3	3,668,716	56.0	151,453	2.3
Michigan	11,925,311	734,290	6.2	8,023,133	67.3	2,937,025	24.6	230,863	1.9
Minnesota	5,606,567	247,964	4.4	2,939,545	52.4	2,210,175	39.4	208,884	3.7
Mississippi	2,099,795	310,249	14.8	1,185,185	56.4	532,021	25.3	72,340	3.4
Missouri	4,891,384	317,002	6.5	1,892,112	38.7	2,481,121	50.7	201,149	4.1
Montana	915,392	91,912	10.0	453,778	49.6	331,846	36.3	37,857	4.1
Nebraska	1,797,785	104,608	5.8	582,430	32.4	1,002,900	55.8	107,847	6.0
Nevada	1,370,529	67,369	4.9	412,904	30.1	837,374	61.1	52,883	3.9
New Hampshire	1,149,673	35,169	3.1	83,611	7.3	1,004,110	87.3	26,782	2.3
New Jersey	11,485,382	383,016	3.3	4,361,977	38.0	6,433,765	56.0	306,623	2.7
New Mexico	1,695,358	199,231	11.8	1,261,807	74.4	196,841	11.6	37,480	2.2
New York	24,889,904	1,196,994	4.8	10,127,462	40.7	13,330,601	53.6	234,847	0.9
North Carolina	5,940,519	443,701	7.5	3,867,413	65.1	1,463,703	24.6	165,702	2.8
North Dakota	592,329	73,249	12.4	249,273	42.1	238,440	40.3	31,367	5.3
Ohio	11,024,539	714,840	6.5	4,410,699	40.0	5,433,715	49.3	465,286	4.2
Oklahoma	2,767,709	260,760	9.4	1,644,176	59.4	715,199	25.8	147,575	5.3
Oregon	3,294,014	224,139	6.8	1,521,760	46.2	1,442,103	43.8	106,011	3.2
Pennsylvania	13,271,164	746,601	5.6	5,325,072	40.1	6,943,281	52.3	256,210	1.9
Rhode Island	1,091,960	60,256	5.5	447,397	41.0	571,750	52.4	12,557	1.1
South Carolina	3,450,203	299,232	8.7	1,598,971	46.3	1,399,989	40.6	152,010	4.4
South Dakota	691,685	69,162	10.0	183,552	26.5	418,328	60.5	20,643	3.0
Tennessee	3,908,306	348,729	8.9	1,855,784	47.5	1,443,757	36.9	260,036	6.7
Texas	19,678,883	1,511,000	7.7	7,908,524	40.2	9,712,168	49.4	547,191	2.8
Utah	1,940,247	133,543	6.9	1,054,222	54.3	645,245	33.3	107,237	5.5
Vermont	753,905	34,424	4.6	224,941	29.8	476,096	63.2	18,445	2.4
Virginia	6,456,381	368,102	5.7	2,052,415	31.8	3,813,487	59.1	222,377	3.4
Washington	5,976,441	357,615	6.0	4,103,287	68.7	1,330,433	22.3	185,106	3.1
West Virginia	1,940,425	156,555	8.1	1,234,701	63.6	520,036	26.8	29,134	1.5
Wisconsin	5,985,761	262,315	4.4	2,460,520	41.1	3,139,562	52.5	123,364	2.1
Wyoming	632,720	42,453	6.7	303,908	48.0	275,412	43.5	10,947	1.7
Outlying areas									
American Samoa	45,151	37,858	83.8	6,987	15.5	190	0.4	116	0.3
Guam	171,866	17,132	10.0	0	—	153,269	89.2	1,465	0.9
Northern Marianas	44,122	11,663	26.4	32,321	73.3	54	0.1	85	0.2
Puerto Rico	1,641,580	474,419	28.9	1,166,632	71.1	218	(²)	311	(²)
Virgin Islands	142,961	25,435	17.8	0	—	117,441	82.1	85	0.1

¹ Includes revenues from gifts, and tuition and fees from patrons.² Less than .05 percent.

—Data not available or not applicable.

NOTE.—Excludes revenues for state education agencies. Because of rounding, details may not add to totals. Some data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared July 1998.)

Table 160.—Funds and staff for state education agencies, ¹ by source of funding and state: 1992–93

State	Funds retained for state administration, by source, in thousands				Total state administration funds per student	State education agency (FTE) staff, by source of funds for position			Students per state FTE staff
	Total	Federal (core activities) ²	Percent federal	State and local		Total FTE staff	Federally supported (core activities) ²	State and local supported	
1	2	3	4	5	6	7	8	9	10
United States ³	\$1,966,453	\$526,847	26.8	\$1,439,606	\$46	28,626	7,054	21,572	1,496
Alabama	52,111	13,007	25.0	39,103	71	1,006	127	879	727
Alaska	38,461	5,046	13.1	33,414	314	503	44	460	244
Arizona	19,315	7,460	38.6	11,856	29	362	175	187	1,862
Arkansas	17,561	4,204	23.9	13,356	40	290	74	216	1,522
California	148,989	52,316	35.1	96,673	28	1,898	419	1,479	2,768
Colorado	21,361	5,991	28.0	15,370	35	223	90	133	2,750
Connecticut	139,733	11,433	8.2	128,300	286	2,005	196	1,809	244
Delaware	10,949	2,578	23.5	8,371	105	128	44	84	817
District of Columbia	—	—	—	—	—	—	—	—	—
Florida	56,310	25,470	45.2	30,840	28	688	323	366	2,878
Georgia	58,632	9,918	16.9	48,714	49	935	147	788	1,291
Hawaii	—	—	—	—	—	—	—	—	—
Idaho	7,346	2,938	40.0	4,408	32	104	45	59	2,224
Illinois	42,854	22,092	51.6	20,762	23	746	317	429	2,511
Indiana	29,220	7,339	25.1	21,880	30	309	132	177	3,109
Iowa	20,589	9,582	46.5	11,007	42	226	106	120	2,192
Kansas	12,701	5,422	42.7	7,279	28	199	83	116	2,269
Kentucky	49,745	6,202	12.5	43,542	76	859	105	754	763
Louisiana	35,978	13,015	36.2	22,963	45	573	254	320	1,393
Maine ⁴	17,356	4,248	24.5	13,109	80	207	90	117	1,046
Maryland	42,343	8,737	20.6	33,606	56	556	126	430	1,351
Massachusetts	30,191	13,557	44.9	16,633	35	368	173	195	2,337
Michigan	53,743	15,656	29.1	38,088	34	844	256	588	1,899
Minnesota	23,730	9,072	38.2	14,658	30	416	129	287	1,908
Mississippi	40,892	5,703	13.9	35,190	81	724	144	580	700
Missouri	42,860	8,708	20.3	34,152	50	1,448	132	1,317	593
Montana	8,070	3,490	43.2	4,581	50	137	52	85	1,168
Nebraska	20,624	5,018	24.3	15,607	73	398	75	323	710
Nevada	5,305	2,643	49.8	2,662	24	90	47	42	2,491
New Hampshire	7,889	2,662	33.7	5,226	44	157	60	97	1,154
New Jersey	65,111	25,857	39.7	39,254	58	1,001	326	675	1,129
New Mexico	10,398	3,753	36.1	6,645	33	216	67	149	1,461
New York	181,649	47,866	26.4	133,783	68	2,565	567	1,998	1,049
North Carolina	49,298	13,990	28.4	35,308	44	796	144	652	1,399
North Dakota	5,683	3,187	56.1	2,496	48	93	52	41	1,277
Ohio	32,879	14,741	44.8	18,139	18	511	242	269	3,513
Oklahoma	32,178	8,347	25.9	23,831	54	499	98	401	1,196
Oregon	61,178	15,822	25.9	45,357	120	418	58	360	1,221
Pennsylvania	72,979	19,746	27.1	53,233	42	1,134	237	897	1,515
Rhode Island	13,705	4,347	31.7	9,358	95	152	59	93	948
South Carolina	87,109	9,130	10.5	77,979	136	946	105	841	677
South Dakota	7,419	3,988	53.8	3,430	55	102	42	60	1,324
Tennessee	36,778	10,525	28.6	26,253	43	456	100	356	1,876
Texas	59,560	18,321	30.8	41,238	17	1,013	358	654	3,498
Utah	25,763	6,092	23.6	19,671	56	364	62	302	1,273
Vermont	7,348	2,672	36.4	4,675	75	143	65	78	689
Virginia	29,236	9,830	33.6	19,406	28	371	102	270	2,781
Washington	19,472	6,843	35.1	12,629	22	253	88	165	3,542
West Virginia	21,188	5,069	23.9	16,119	67	403	113	289	790
Wisconsin	87,883	11,377	12.9	76,506	106	692	179	512	1,199
Wyoming	4,782	1,837	38.4	2,945	48	100	25	75	1,003

¹ Excludes funds for schools and school districts.

² Core education activities include: Chapter 1; Chapter 2; Special Education; Child Nutrition; Vocational Education; Adult Education; AIDS Education; Civil Rights Act; and Homeless Education Programs.

³ Excludes District of Columbia and Hawaii.

⁴ Excludes State Teacher Retirement Program.

—Data not available.

FTE=full-time equivalent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. General Accounting Office, *Education Finance, Extent of Federal Funding in State Education Agencies*, and U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared September 1996.)

**Table 161.—Summary of expenditures for public elementary and secondary education, by purpose:
1919–20 to 1995–96**

Purpose of expenditures	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1994–95 ¹	1995–96
1	2	3	4	5	6	7	8	9	10	11
Amounts in thousands of dollars										
Total expenditures	\$1,036,151	\$2,316,790	\$2,344,049	\$5,837,643	\$15,613,255	\$40,683,429	\$95,961,561	\$212,763,564	\$279,000,318	\$293,610,849
Current expenditures	864,396	1,853,377	1,955,166	4,722,887	12,461,955	34,853,578	87,581,727	191,205,902	249,026,087	259,804,398
Public elementary and secondary education	861,120	1,843,552	1,941,799	4,687,274	12,329,389	34,217,773	86,984,142	188,223,359	243,877,582	255,079,736
Administration	36,752	78,680	91,571	220,050	528,408	1,606,646	4,263,757	² 16,346,991	² 19,877,848	² 20,697,641
Instruction	632,556	1,317,727	1,403,285	3,112,340	8,350,738	23,270,158	53,257,937	² 113,550,405	² 150,556,118	² 157,480,290
Plant operation	115,707	216,072	194,365	427,587	1,085,036	2,537,257	³ 9,744,785	² 20,261,415	² 24,542,922	² 25,725,984
Plant maintenance	30,432	78,810	73,321	214,164	422,586	974,941	⁽³⁾	⁽³⁾	⁽³⁾	⁽³⁾
Fixed charges	9,286	50,270	50,116	261,469	909,323	3,266,920	11,793,934	—	—	—
Other school services ⁴	36,387	101,993	129,141	451,663	1,033,297	2,561,856	7,923,729	² 38,064,548	² 48,900,694	² 51,175,821
Other current expenditures										
Summer schools	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	13,263	106,481	24,753	2,982,543	5,148,505	4,724,662
Adult education ⁵	3,277	9,825	13,367	35,614	26,858	128,778	—	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Community colleges	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	34,492	138,813	—	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Community services	⁽⁴⁾	⁽⁴⁾	⁽⁴⁾	⁽⁴⁾	57,953	261,731	572,832	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Capital outlay ⁷	153,543	370,878	257,974	1,014,176	2,661,786	4,659,072	6,506,167	17,781,342	24,456,100	27,547,918
Interest on school debt	18,212	92,536	130,909	100,578	489,514	1,170,782	1,873,666	3,776,321	5,518,131	6,258,534
Percentage distribution										
Total expenditures, all schools	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Current expenditures	83.4	80.0	83.4	80.9	79.8	85.7	91.2	89.9	89.3	88.5
Public elementary and secondary education	83.1	79.6	82.8	80.3	79.0	84.1	90.6	88.5	87.4	86.9
Administration	3.5	3.4	3.9	3.8	3.4	3.9	4.4	² 7.7	² 7.1	² 7.0
Instruction	61.0	56.9	59.9	53.3	53.5	57.2	55.5	² 53.4	² 54.0	² 53.6
Plant operation	11.2	9.3	8.3	7.3	6.9	6.2	³ 10.2	² 9.5	² 8.8	² 8.8
Plant maintenance	2.9	3.4	3.1	3.7	2.7	2.4	⁽³⁾	⁽³⁾	⁽³⁾	⁽³⁾
Fixed charges	0.9	2.2	2.1	4.5	5.8	8.0	12.3	—	—	—
Other school services ⁴	3.5	4.4	5.5	7.7	6.6	6.3	8.3	17.9	17.5	17.4
Other current expenditures										
Summer schools	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	0.1	0.3	⁽⁶⁾	1.4	1.8	1.6
Adult education ⁵	0.3	0.4	0.6	0.6	0.2	0.3	—	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Community colleges	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	⁽⁵⁾	0.2	0.3	—	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Community services	⁽⁴⁾	⁽⁴⁾	⁽⁴⁾	⁽⁴⁾	0.4	0.6	0.6	⁽⁶⁾	⁽⁶⁾	⁽⁶⁾
Capital outlay ⁷	14.8	16.0	11.0	17.4	17.0	11.5	6.8	8.4	8.8	9.4
Interest on school debt	1.8	4.0	5.6	1.7	3.1	2.9	2.0	1.8	2.0	2.1

¹ Revised from previously published data.
² Data not comparable to figures prior to 1989–90.
³ Plant operation also includes plant maintenance.
⁴ Prior to 1959–60, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification that also included community services.
⁵ Prior to 1959–60, data shown for adult education represent combined expenditures for adult education, summer schools, and community colleges.
⁶ Included under summer schools.
⁷ Prior to 1969–70, excludes capital outlay by state and local schoolhousing authorities.

⁸ Less than 0.05 percent.
 —Data not available.
 NOTE.—Beginning in 1959–60, includes Alaska and Hawaii. Beginning in 1980–81, state administration expenditures were excluded from both "total" and "current" expenditures. Beginning in 1988–89, extensive changes were made in the data collection procedures. Because of rounding, details may not add to totals.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and Common Core of Data surveys. (This table was prepared June 1998.)

Table 162.—Total expenditures for public elementary and secondary education, by function and subfunction: 1990–91 to 1995–96

Items	Expenditures (in thousands)						Percentage distribution					
	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13
Total expenditures	\$229,429,715	\$241,054,784	\$252,934,872	\$265,306,634	\$279,000,318	\$293,610,849	—	—	—	—	—	—
Current expenditures	202,037,752	211,210,190	220,948,052	231,542,764	243,877,582	255,079,736	100.00	100.00	100.00	100.00	100.00	100.00
Salaries	¹ 132,730,931	138,279,377	144,276,674	150,545,401	158,914,976	165,777,514	65.70	65.47	65.30	65.02	65.16	64.99
Employee benefits	33,954,456	36,062,813	39,267,087	41,181,982	43,107,541	44,788,283	16.81	17.07	17.77	17.79	17.68	17.56
Purchased services	16,380,643	17,790,523	17,933,497	19,232,698	20,643,153	21,580,618	8.11	8.42	8.12	8.31	8.46	8.46
Tuition	¹ 1,192,505	939,322	967,884	1,231,076	1,476,697	1,590,326	0.59	0.44	0.44	0.53	0.61	0.62
Supplies	¹ 14,805,956	14,944,495	16,370,100	17,249,817	17,362,430	18,756,757	7.33	7.08	7.41	7.45	7.12	7.35
Other	² 2,973,261	3,193,661	2,132,810	2,101,790	2,372,785	2,586,237	1.47	1.51	0.97	0.91	0.97	1.01
Instruction	122,223,362	128,475,859	134,971,088	141,620,474	150,556,118	157,480,290	60.50	60.83	61.09	61.16	61.73	61.74
Salaries	90,742,284	95,018,405	99,089,718	103,506,419	109,702,815	114,585,415	44.91	44.99	44.85	44.70	44.98	44.92
Employee benefits	22,347,524	23,683,606	26,075,723	27,456,084	29,190,486	30,300,667	11.06	11.21	11.80	11.86	11.97	11.88
Purchased services	2,722,639	3,348,142	3,357,323	3,421,355	3,823,789	3,825,604	1.35	1.59	1.52	1.48	1.57	1.50
Tuition	1,192,505	939,322	967,884	1,231,076	1,476,697	1,590,326	0.59	0.44	0.44	0.53	0.61	0.62
Supplies	4,584,754	4,703,762	5,052,972	5,507,720	5,764,061	6,513,874	2.27	2.23	2.29	2.38	2.36	2.55
Other	633,656	782,620	427,468	497,820	598,269	664,404	0.31	0.37	0.19	0.22	0.25	0.26
Students ²	8,926,010	9,226,247	9,760,087	10,946,191	11,679,127	12,243,641	4.42	4.37	4.42	4.73	4.79	4.80
Salaries	6,565,965	6,791,228	7,134,434	7,998,204	8,519,771	8,863,163	3.25	3.22	3.23	3.45	3.49	3.47
Employee benefits	1,660,082	1,751,537	1,904,341	2,110,012	2,212,775	2,307,501	0.82	0.83	0.86	0.91	0.91	0.90
Purchased services	455,996	441,946	489,215	593,522	657,236	687,320	0.23	0.21	0.22	0.26	0.27	0.27
Supplies	191,482	181,261	195,240	206,352	238,876	247,270	0.09	0.09	0.09	0.09	0.10	0.10
Other	52,485	60,275	36,857	38,101	50,469	138,387	0.03	0.03	0.02	0.02	0.02	0.05
Instructional services ³	8,467,142	8,827,800	9,241,929	9,236,588	9,654,676	10,071,302	4.19	4.18	4.18	3.99	3.96	3.95
Salaries	5,560,129	5,808,305	6,014,671	5,933,810	6,162,669	6,419,144	2.75	2.75	2.72	2.56	2.53	2.52
Employee benefits	1,408,217	1,463,736	1,601,713	1,583,597	1,638,271	1,719,563	0.70	0.69	0.72	0.68	0.67	0.67
Purchased services	622,487	685,654	741,983	785,841	898,500	925,581	0.31	0.32	0.34	0.34	0.37	0.36
Supplies	776,863	772,096	820,919	860,224	872,394	918,261	0.38	0.37	0.37	0.37	0.36	0.36
Other	99,445	98,009	62,644	73,116	82,842	88,753	0.05	0.05	0.03	0.03	0.03	0.03
General administration	5,791,253	6,039,397	5,851,983	5,909,692	5,731,420	5,866,480	2.87	2.86	2.65	2.55	2.35	2.30
Salaries	2,603,562	2,688,515	2,787,145	2,688,481	2,808,090	2,889,160	1.29	1.27	1.26	1.16	1.15	1.13
Employee benefits	777,381	815,581	846,638	888,209	844,267	828,483	0.38	0.39	0.38	0.38	0.35	0.32
Purchased services	1,482,427	1,540,476	1,592,937	1,856,065	1,563,558	1,626,177	0.73	0.73	0.72	0.80	0.64	0.64
Supplies	172,898	158,193	211,727	168,785	177,448	185,831	0.09	0.07	0.10	0.07	0.07	0.07
Other	754,985	836,633	413,535	308,151	338,056	336,828	0.37	0.40	0.19	0.13	0.14	0.13
School administration	11,695,344	12,280,680	12,777,815	13,492,502	14,146,428	14,831,161	5.79	5.81	5.78	5.83	5.80	5.81
Salaries	8,935,903	9,293,958	9,593,613	10,144,727	10,680,024	11,156,461	4.42	4.40	4.34	4.38	4.38	4.37
Employee benefits	2,257,783	2,410,404	2,615,351	2,738,216	2,796,440	2,963,991	1.12	1.14	1.18	1.18	1.15	1.16
Purchased services	247,750	277,904	300,288	320,442	358,651	384,909	0.12	0.13	0.14	0.14	0.15	0.15
Supplies	189,711	196,485	207,078	223,794	243,681	256,857	0.09	0.09	0.09	0.10	0.10	0.10
Other	64,197	101,929	61,485	65,323	67,632	68,943	0.03	0.05	0.03	0.03	0.03	0.03
Operation and maintenance	21,290,655	21,889,514	22,823,758	23,875,871	24,542,922	25,725,984	10.54	10.36	10.33	10.31	10.06	10.09
Salaries	8,849,559	9,143,832	9,384,209	9,768,777	10,117,056	10,456,710	4.38	4.33	4.25	4.22	4.15	4.10
Employee benefits	2,633,075	2,788,592	2,970,466	3,048,615	3,027,306	3,130,162	1.30	1.32	1.34	1.32	1.24	1.23
Purchased services	5,721,125	5,830,363	6,013,075	6,451,727	7,261,776	7,699,472	2.83	2.76	2.72	2.79	2.98	3.02
Supplies	3,761,738	3,807,024	4,262,006	4,399,064	3,927,664	4,214,399	1.86	1.80	1.93	1.90	1.61	1.65
Other	325,157	319,703	194,002	207,688	209,120	225,240	0.16	0.15	0.09	0.09	0.09	0.09
Transportation	8,678,954	8,769,754	9,252,300	9,627,155	9,889,034	10,394,695	4.30	4.15	4.19	4.16	4.05	4.08
Salaries	3,285,127	3,268,689	3,407,602	3,567,556	3,775,214	3,932,980	1.63	1.55	1.54	1.54	1.55	1.54
Employee benefits	892,985	965,731	1,063,064	1,107,878	1,138,485	1,207,762	0.44	0.46	0.48	0.48	0.47	0.47
Purchased services	3,345,232	3,548,716	3,758,313	3,946,935	4,016,400	4,257,289	1.66	1.68	1.70	1.70	1.65	1.67
Supplies	961,447	811,781	877,077	854,940	800,344	836,366	0.48	0.38	0.40	0.37	0.33	0.33
Other	194,163	174,837	146,243	149,847	158,590	160,299	0.10	0.08	0.07	0.06	0.07	0.06
Other support services ⁴	5,587,837	6,088,305	6,207,775	6,318,312	6,708,262	7,039,392	2.77	2.88	2.81	2.73	2.75	2.76
Salaries	2,900,394	2,890,746	3,192,790	3,164,490	3,286,071	3,450,829	1.44	1.37	1.45	1.37	1.35	1.35
Employee benefits	980,859	1,153,683	1,088,011	1,109,764	1,136,286	1,182,181	0.49	0.55	0.49	0.48	0.47	0.46
Purchased services	798,922	1,149,930	1,045,655	1,141,643	1,262,449	1,363,079	0.40	0.54	0.47	0.49	0.52	0.53
Supplies	294,527	306,701	327,377	362,838	372,852	398,544	0.15	0.15	0.15	0.16	0.15	0.16
Other	613,135	587,245	553,942	539,576	650,604	644,758	0.30	0.28	0.25	0.23	0.27	0.25
Food services	8,430,490	8,821,308	9,263,181	9,774,315	10,268,542	10,648,854	4.17	4.18	4.19	4.22	4.21	4.17
Salaries	—	3,118,637	3,398,599	3,532,183	3,697,705	3,844,290	—	1.48	1.54	1.53	1.52	1.51
Employee benefits	—	979,089	1,042,743	1,095,686	1,081,221	1,103,427	—	0.46	0.47	0.47	0.44	0.43
Purchased services	—	720,018	497,100	556,251	629,266	627,900	—	0.34	0.22	0.24	0.26	0.25
Supplies	—	3,829,025	4,186,945	4,445,897	4,718,569	4,916,307	—	1.81	1.89	1.92	1.93	1.93
Other	—	174,539	137,793	144,298	141,782	156,929	—	0.08	0.06	0.06	0.06	0.06
Enterprise operations ⁵	946,705	791,326	798,136	741,665	701,053	777,936	0.47	0.37	0.36	0.32	0.29	0.30
Salaries	—	257,063	273,893	240,754	165,562	179,362	—	0.12	0.12	0.10	0.07	0.07
Employee benefits	—	50,854	59,038	43,921	42,003	44,546	—	0.02	0.03	0.02	0.02	0.02
Purchased services	—	247,373	137,608	158,917	171,526	183,287	—	0.12	0.06	0.07	0.07	0.07
Supplies	—	178,166	228,758	220,203	246,541	269,047	—	0.08	0.10	0.10	0.10	0.11
Other	—	57,869	98,840	77,870	75,420	101,694	—	0.03	0.04	0.03	0.03	0.04
Other current expenditures	3,295,717	4,393,698	4,378,506	4,681,798	5,148,505	4,724,662	—	—	—	—	—	—
Community services	964,370	1,177,742	1,331,004	1,485,670	1,933,565	1,728,672	—	—	—	—	—	—
Nonpublic school programs	527,609	652,403	644,150	689,888	569,851	781,148	—	—	—	—	—	—
Adult education	1,365,523	1,498,962	1,484,057	1,489,405	1,460,149	1,500,438	—	—	—	—	—	—
Community colleges	5,356	5,136	5,454	7,432	83,573	7,746	—	—	—	—	—	

Table 163.—Expenditures for instruction in public elementary and secondary schools, by subfunction and state: 1994–95 and 1995–96

[In thousands of dollars]

State or other area	1994–95						1995–96					
	Total	Salaries	Employee benefits	Purchased services ¹	Supplies	Tuition and other	Total	Salaries	Employee benefits	Purchased services ²	Supplies	Tuition and other
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$150,556,118	\$109,702,815	\$29,190,486	\$3,823,789	\$5,764,061	\$2,074,966	\$157,480,290	\$114,585,415	\$30,300,667	\$3,825,604	\$6,513,874	\$2,254,731
Alabama	1,906,471	1,446,029	335,738	5,645	99,824	19,236	2,032,706	1,489,955	390,938	6,424	116,054	29,335
Alaska	574,242	413,383	100,487	18,237	21,514	20,622	591,338	425,755	105,093	20,086	24,152	16,252
Arizona	1,811,167	1,500,416	238,820	16,547	31,128	24,256	1,921,658	1,588,625	250,336	17,716	34,043	30,938
Arkansas	1,144,389	868,482	206,954	23,230	35,930	9,793	1,244,145	937,990	218,738	21,679	56,789	8,948
California	15,549,692	11,038,093	3,262,337	424,379	536,517	288,366	16,333,392	11,551,320	3,354,696	468,228	630,791	328,357
Colorado	1,970,908	1,508,701	306,238	67,936	80,563	7,470	2,069,222	1,593,451	318,375	64,306	85,769	7,321
Connecticut	2,721,552	2,004,391	463,152	50,246	64,845	138,919	2,780,996	2,057,312	460,386	52,467	71,058	139,774
Delaware	431,618	297,607	103,254	7,194	15,843	7,719	447,549	312,457	101,520	8,094	17,805	7,673
District of Columbia	336,543	239,594	65,979	5,251	3,556	22,163	334,893	231,862	77,487	7,175	6,592	11,778
Florida	6,395,934	4,283,275	1,422,087	408,034	209,508	73,030	6,675,272	4,434,224	1,490,753	445,203	234,639	70,453
Georgia	3,779,713	2,799,934	770,839	39,991	164,184	4,763	4,116,129	3,048,284	836,598	39,620	185,668	5,959
Hawaii	636,952	457,861	127,015	18,255	32,471	1,352	651,832	455,415	144,410	16,395	34,274	1,339
Idaho	602,232	430,919	130,741	11,204	28,940	428	643,243	455,405	136,112	12,915	38,329	483
Illinois	6,367,082	4,797,408	1,061,451	120,542	265,284	122,397	6,461,142	4,932,198	1,043,497	111,831	248,470	125,146
Indiana	3,262,523	2,417,230	697,094	35,344	107,345	5,510	3,412,502	2,483,959	780,886	36,571	105,978	5,108
Iowa	1,623,942	1,160,673	277,271	56,959	116,398	12,641	1,691,945	1,213,673	289,250	56,097	115,160	17,765
Kansas	1,387,198	1,108,730	193,070	12,294	67,297	5,807	1,441,539	1,146,381	201,190	16,676	71,936	5,356
Kentucky	1,787,693	1,423,656	291,715	94	72,209	19	1,942,324	1,511,577	327,707	11,324	87,945	3,770
Louisiana	2,071,476	1,544,288	415,405	19,349	87,321	5,113	2,099,916	1,549,599	433,815	24,462	86,620	5,420
Maine	859,560	570,803	190,981	24,493	27,895	45,388	882,302	588,364	194,717	25,816	28,448	44,957
Maryland	3,127,996	2,130,372	729,842	86,737	88,971	92,074	3,263,165	2,205,823	773,588	86,416	91,857	105,482
Massachusetts	3,994,523	2,691,297	728,275	254,433	111,466	209,053	4,275,924	2,837,705	779,970	316,877	121,764	219,608
Michigan	6,228,315	4,328,190	1,569,832	84,022	210,776	35,495	6,583,062	4,564,918	1,609,270	104,366	259,957	44,551
Minnesota	2,946,240	2,160,089	579,243	78,764	105,214	22,929	3,095,995	2,265,431	612,068	83,094	111,419	23,984
Mississippi	1,197,868	891,328	216,101	18,628	65,880	5,931	1,246,654	925,578	219,691	19,743	75,940	5,702
Missouri	2,597,027	1,969,708	355,700	53,202	207,753	10,663	2,770,426	2,097,350	379,417	57,015	224,149	12,496
Montana	525,617	379,161	101,394	11,080	31,900	2,082	541,473	390,636	104,118	12,261	31,110	3,347
Nebraska	997,581	732,361	178,023	24,370	40,341	22,484	1,027,617	766,556	173,626	21,174	41,219	25,042
Nevada	706,132	528,908	144,432	4,552	27,143	1,097	768,352	574,313	157,016	5,916	30,288	819
New Hampshire	679,079	498,773	97,472	16,606	21,773	44,455	725,558	527,208	106,297	19,404	21,944	50,706
New Jersey	6,467,203	4,715,340	1,128,758	51,960	232,132	339,014	6,775,687	4,944,632	1,154,848	62,732	244,773	368,702
New Mexico	837,029	618,787	158,931	8,022	45,294	5,995	872,133	646,516	163,749	7,055	48,267	6,546
New York	15,636,396	11,525,744	3,387,241	358,939	361,933	2,539	15,948,326	11,761,851	3,449,781	368,152	365,990	2,551
North Carolina	3,387,680	2,556,856	623,633	48,461	155,787	2,942	3,479,891	2,606,682	632,459	52,824	183,853	4,073
North Dakota	328,461	240,567	60,009	8,896	16,378	2,610	339,950	248,414	61,567	9,122	17,684	3,163
Ohio	5,960,083	4,362,651	1,182,673	103,167	235,248	76,343	6,200,538	4,526,538	1,219,614	112,421	251,327	90,637
Oklahoma	1,662,373	1,266,325	261,121	26,166	97,571	11,190	1,680,375	1,270,992	267,052	28,107	102,017	12,207
Oregon	1,776,148	1,193,420	412,583	59,993	99,712	10,441	1,852,333	1,252,352	412,707	59,774	113,959	13,541
Pennsylvania	7,460,973	5,049,611	1,591,109	512,608	224,403	83,241	7,922,896	5,600,394	1,747,009	243,952	242,227	89,314
Rhode Island	703,185	492,096	156,125	16,358	15,600	22,687	728,417	513,600	156,649	17,361	17,090	23,716
South Carolina	1,727,214	1,298,160	320,509	27,097	80,175	1,274	1,821,432	1,359,201	337,297	26,578	78,897	19,459
South Dakota	376,116	272,643	59,785	11,243	22,634	9,811	370,593	271,138	59,539	10,112	20,677	9,127
Tennessee	2,285,884	1,740,065	395,947	38,603	104,857	6,413	2,378,112	1,831,373	419,574	38,707	83,313	5,145
Texas	10,753,150	8,517,213	1,268,868	294,413	606,632	66,025	11,540,336	8,972,744	1,229,981	318,852	943,745	75,014
Utah	1,089,195	706,401	250,913	16,429	46,339	69,112	1,152,136	749,589	261,557	18,922	56,205	65,863
Vermont	434,933	306,881	77,637	15,984	13,596	20,835	444,162	316,808	74,167	18,071	14,343	20,774
Virginia	3,483,576	2,640,491	671,729	48,638	118,633	4,085	3,601,235	2,732,602	690,087	52,615	122,251	3,681
Washington	3,075,781	2,156,923	670,680	101,440	124,646	22,091	3,225,122	2,286,424	683,795	107,381	122,769	24,753
West Virginia	1,090,056	766,359	280,057	11,134	32,343	163	1,122,084	774,557	294,333	11,786	40,989	4,118
Wisconsin	3,441,286	2,400,781	800,389	55,545	129,411	55,160	3,591,487	2,499,757	842,192	59,404	133,468	56,667
Wyoming	358,131	253,841	70,846	11,073	20,630	1,741	360,771	255,926	71,141	12,326	19,864	1,513
Outlying areas												
American Samoa	11,796	8,900	1,386	236	1,065	211	12,456	9,101	1,759	323	1,042	230
Guam	79,336	65,432	13,237	83	424	161	87,773	67,167	15,226	190	5,190	0
Northern Marianas	35,613	21,718	6,259	3,678	3,551	407	35,357	22,495	7,229	3,052	2,354	227
Puerto Rico	1,093,038	903,531	127,031	11,148	20,234	31,094	1,198,197	979,626	134,208	12,024	28,201	44,138
Virgin Islands	69,349	55,563	11,042	572	652	1,520	69,478	55,629	11,283	540	611	1,415

¹ Includes purchased professional services of teachers or others who provide instruction for students and travel for instructional staff.

NOTE.—Excludes expenditures for state education agencies. Because of rounding, details may not add to totals. Some 1994–95 data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data surveys. (This table was prepared July 1998.)

Table 164.—Current expenditures for public elementary and secondary education, by state: 1969–70 to 1997–98

[In thousands of dollars]

State or other area	1969–70	1979–80	1980–81	1985–86	1986–87	1987–88	1988–89	1989–90
1	2	3	4	5	6	7	8	9
United States	\$34,217,773	\$86,984,142	\$94,321,093	\$137,164,965	\$146,364,922	\$157,097,951	\$173,098,906	\$188,229,359
Alabama	422,730	1,146,713	1,393,137	1,761,154	1,775,997	1,873,390	2,188,020	2,275,233
Alaska	81,374	377,947	476,368	818,219	769,015	756,577	739,020	828,051
Arizona	281,941	949,753	1,075,362	1,649,832	1,836,908	2,002,395	2,143,148	2,258,660
Arkansas	235,083	666,949	709,394	1,085,943	1,118,904	1,211,156	1,319,370	1,404,545
California	3,831,595	9,172,158	9,936,642	15,040,898	16,512,668	17,402,063	19,417,178	21,485,782
Colorado	369,218	1,243,049	1,369,883	2,018,579	2,129,964	2,172,563	2,324,625	2,451,833
Connecticut	588,710	1,227,892	1,440,881	2,144,094	2,414,708	2,748,567	2,984,542	3,444,520
Delaware	108,747	269,108	270,439	391,558	418,116	440,631	479,327	520,953
District of Columbia	141,138	298,448	295,155	406,910	441,135	489,357	584,035	639,983
Florida	961,273	2,766,468	3,336,657	5,092,668	5,650,083	6,288,977	7,245,515	8,228,531
Georgia	599,371	1,608,028	1,688,714	2,979,980	3,254,786	3,549,038	4,006,069	4,505,962
Hawaii	141,324	351,889	395,038	575,456	576,749	608,264	643,319	700,012
Idaho	103,107	313,927	352,912	492,092	513,011	532,274	570,013	627,794
Illinois	1,896,067	4,579,355	4,773,179	6,066,390	6,463,564	6,923,298	7,655,153	8,125,493
Indiana	809,105	1,851,292	1,898,194	2,851,080	3,106,616	3,330,525	3,779,468	4,074,578
Iowa	527,086	1,186,659	1,337,504	1,644,359	1,708,440	1,859,173	1,925,623	2,004,742
Kansas	362,593	830,133	958,281	1,423,225	1,486,814	1,568,041	1,712,260	1,848,302
Kentucky	353,265	1,054,459	1,096,472	1,434,962	1,583,158	1,741,799	1,918,741	2,134,011
Louisiana	503,217	1,303,902	1,767,692	2,333,748	2,260,393	2,289,241	2,468,307	2,838,283
Maine	155,907	385,492	401,355	688,673	760,446	839,860	921,931	1,048,195
Maryland	721,794	1,783,056	1,937,159	2,634,209	2,845,404	3,128,165	3,505,018	3,894,644
Massachusetts	907,341	2,638,734	2,794,762	3,403,505	3,744,131	4,098,062	4,516,604	4,760,390
Michigan	1,799,945	4,642,847	5,196,249	6,184,767	6,427,556	6,913,261	7,492,267	8,025,621
Minnesota	781,243	1,786,768	1,900,322	2,637,722	2,818,390	2,981,209	3,282,966	3,474,398
Mississippi	262,760	756,018	716,878	1,058,301	1,112,535	1,221,560	1,365,846	1,472,710
Missouri	642,030	1,504,988	1,643,258	2,277,576	2,515,846	2,747,234	3,096,666	3,288,738
Montana	127,176	358,118	380,092	567,901	583,861	590,226	592,454	641,345
Nebraska	231,612	581,615	629,017	911,983	948,149	995,235	1,105,009	1,233,431
Nevada	87,273	281,901	287,752	495,147	513,014	555,272	628,657	712,898
New Hampshire	101,370	295,400	340,518	522,604	589,850	677,507	733,240	821,671
New Jersey	1,343,564	3,638,533	3,648,914	5,735,895	6,099,473	6,621,860	7,309,147	8,119,336
New Mexico	183,736	515,451	560,213	808,036	865,789	916,305	975,552	1,020,148
New York	4,111,839	8,760,500	9,259,948	13,686,039	14,724,687	16,073,392	17,127,596	18,090,978
North Carolina	676,193	1,880,862	2,112,417	2,991,747	3,193,337	3,424,194	3,892,971	4,342,826
North Dakota	97,895	228,483	254,197	379,470	374,941	385,427	431,814	459,391
Ohio	1,639,805	3,836,576	4,149,858	5,856,999	6,114,426	6,446,903	7,484,434	7,994,379
Oklahoma	339,105	1,055,844	1,193,373	1,740,981	1,707,396	1,692,283	1,833,743	1,905,332
Oregon	403,844	1,126,812	1,292,624	1,662,372	1,747,125	1,944,657	2,123,241	2,297,944
Pennsylvania	1,912,644	4,584,320	4,955,115	6,750,520	7,176,886	7,679,986	8,579,546	9,496,788
Rhode Island	145,443	362,046	395,389	569,935	608,318	663,800	747,852	801,908
South Carolina	367,689	997,984	1,006,088	1,708,603	1,814,160	1,932,502	2,118,732	2,322,618
South Dakota	109,375	238,332	242,215	360,832	368,266	389,436	428,014	447,074
Tennessee	473,226	1,319,303	1,429,938	1,990,889	2,167,026	2,352,183	2,668,341	2,790,808
Texas	1,518,181	4,997,689	5,310,181	9,642,812	10,152,521	10,791,854	11,761,447	12,763,954
Utah	179,981	518,251	587,648	906,484	932,740	974,666	1,043,759	1,130,135
Vermont	78,921	189,811	224,901	346,164	378,264	456,992	485,226	546,901
Virginia	704,677	1,881,519	2,045,412	3,183,707	3,444,952	3,793,475	4,151,050	4,621,071
Washington	699,984	1,825,782	1,791,477	2,702,652	2,808,636	3,005,980	3,209,992	3,550,819
West Virginia	249,404	678,386	754,889	1,164,882	1,229,069	1,231,966	1,202,486	1,316,637
Wisconsin	777,288	1,908,523	2,035,879	2,893,797	3,086,878	3,318,247	3,688,311	3,929,920
Wyoming	69,584	226,067	271,153	488,616	489,825	466,921	491,930	509,084
Outlying areas								
American Samoa	—	—	—	14,997	19,497	20,186	22,314	21,838
Guam	16,652	—	—	78,545	78,278	76,359	94,368	101,130
Northern Marianas	—	—	—	12,556	15,714	19,694	16,118	20,476
Puerto Rico	—	—	713,000	842,827	872,050	935,392	1,030,387	1,045,407
Virgin Islands	—	—	—	76,751	97,585	89,217	111,750	128,065

Table 164.—Current expenditures for public elementary and secondary education, by state: 1969–70 to 1997–98—Continued

[In thousands of dollars]

State or other area	1990–91	1991–92	1992–93	1993–94	1994–95 ¹	1995–96	Estimated 1996–97 ²	Estimated 1997–98 ²
1	10	11	12	13	14	15	16	17
United States	\$202,037,752	\$211,210,190	\$220,948,052	\$231,542,764	\$243,877,582	\$255,079,736	³ \$269,507,252	³ \$281,729,089
Alabama	2,475,216	2,465,523	2,610,514	2,809,713	3,026,287	3,240,364	⁴ 3,258,021	⁴ 3,322,496
Alaska	854,499	931,869	967,765	1,002,515	1,020,675	1,045,022	1,086,444	1,119,037
Arizona	2,469,543	2,599,586	2,753,504	2,911,304	3,144,540	3,327,969	⁴ 3,683,833	⁴ 3,933,742
Arkansas	1,510,092	1,656,201	1,703,621	1,782,645	1,873,595	1,994,748	⁵ 1,877,336	⁴ 1,881,863
California	22,748,218	23,696,863	24,219,792	25,140,639	25,949,033	27,334,639	30,408,173	32,653,391
Colorado	2,642,850	2,754,087	2,919,916	2,954,793	3,232,976	3,360,529	3,280,342	3,404,995
Connecticut	3,540,411	3,665,505	3,739,497	3,943,891	4,247,328	4,366,123	4,423,000	4,665,000
Delaware	543,933	572,152	600,161	643,915	694,473	726,241	817,749	877,779
District of Columbia	647,901	677,422	670,677	713,427	666,938	679,106	⁴ 690,673	⁴ 676,222
Florida	9,045,710	9,314,079	9,661,012	10,331,896	11,019,735	11,480,359	12,028,408	12,566,484
Georgia	4,804,225	4,856,583	5,273,143	5,643,843	6,136,689	6,629,646	6,583,572	6,807,414
Hawaii	827,579	884,591	946,074	998,143	1,028,729	1,040,682	1,008,025	1,019,113
Idaho	708,045	760,440	804,231	859,088	951,350	1,019,594	1,361,500	1,493,400
Illinois	8,932,538	9,244,655	9,942,737	10,076,889	10,640,279	10,727,091	12,517,068	12,923,480
Indiana	4,379,142	4,544,829	4,797,946	5,064,685	5,243,761	5,493,653	5,758,000	6,046,000
Iowa	2,136,561	2,356,196	2,459,141	2,527,434	2,622,510	2,753,425	2,885,589	3,015,440
Kansas	1,938,012	2,028,440	2,224,080	2,325,247	2,406,580	2,488,077	2,562,719	2,662,665
Kentucky	2,480,363	2,709,623	2,823,134	2,952,119	2,988,892	3,171,495	⁴ 3,247,568	2,840,922
Louisiana	3,023,690	3,188,024	3,199,919	3,309,018	3,475,926	3,545,832	⁴ 3,580,283	⁴ 3,500,590
Maine	1,070,965	1,121,360	1,217,418	1,208,411	1,281,706	1,313,759	1,319,479	1,373,578
Maryland	4,240,862	4,362,679	4,556,266	4,783,023	5,083,380	5,311,207	4,709,060	5,018,597
Massachusetts	4,906,828	5,035,973	5,281,067	5,637,337	6,062,303	6,435,458	6,789,408	7,162,825
Michigan	8,545,805	9,156,501	9,532,994	9,816,830	10,440,206	11,137,877	11,441,941	11,754,306
Minnesota	3,740,820	3,936,695	4,135,284	4,328,093	4,622,930	4,844,879	5,077,433	5,321,150
Mississippi	1,510,552	1,536,295	1,600,752	1,725,386	1,921,480	2,000,321	⁵ 2,034,791	2,136,530
Missouri	3,487,786	3,611,613	3,710,426	3,981,614	4,275,217	4,531,192	4,416,746	4,619,725
Montana	719,963	751,710	785,159	822,015	844,257	868,892	959,000	983,000
Nebraska	1,297,643	1,381,290	1,430,039	1,513,971	1,594,928	1,648,104	1,748,474	⁴ 1,741,256
Nevada	864,379	962,800	1,035,623	1,099,685	1,186,132	1,296,629	1,440,442	1,754,908
New Hampshire	890,116	927,625	972,963	1,007,129	1,053,966	1,114,540	1,234,945	1,287,577
New Jersey	8,897,612	9,660,899	9,915,482	10,448,096	10,776,982	11,208,558	⁴ 11,703,897	⁴ 11,789,530
New Mexico	1,134,156	1,212,189	1,240,310	1,323,459	1,441,078	1,517,517	⁵ 1,559,825	⁵ 1,737,846
New York	19,514,583	19,781,384	20,898,267	22,059,949	22,989,629	23,522,461	24,345,747	25,197,850
North Carolina	4,605,384	4,660,027	4,930,823	5,145,416	5,440,426	5,582,994	5,935,075	6,110,753
North Dakota	460,581	491,293	511,095	522,377	534,632	557,043	⁵ 582,784	609,009
Ohio	8,407,428	9,124,731	9,173,393	9,612,678	10,030,956	10,408,022	10,782,926	11,106,000
Oklahoma	2,107,513	2,268,958	2,442,320	2,680,113	2,763,721	2,804,088	3,047,410	3,169,306
Oregon	2,453,934	2,626,803	2,849,009	2,852,723	2,948,539	3,056,801	3,247,000	3,479,000
Pennsylvania	10,087,322	10,371,796	10,944,392	11,236,417	11,587,027	12,374,073	13,117,000	13,904,000
Rhode Island	823,655	865,898	934,815	990,094	1,050,969	1,094,185	1,079,175	1,119,104
South Carolina	2,494,254	2,564,949	2,690,009	2,790,878	2,920,230	3,085,495	3,208,915	3,369,361
South Dakota	481,304	518,156	553,005	584,894	612,825	610,640	639,543	647,720
Tennessee	2,903,209	2,859,755	3,139,223	3,305,579	3,540,682	3,728,486	⁴ 3,885,590	⁴ 3,914,976
Texas	13,695,327	14,709,628	15,121,655	16,193,722	17,572,269	18,801,462	21,254,691	22,850,684
Utah	1,235,916	1,296,723	1,376,319	1,511,205	1,618,047	1,719,782	1,833,122	1,888,115
Vermont	599,018	606,410	616,212	643,828	665,559	684,864	⁵ 684,862	⁴ 676,187
Virginia	4,958,213	4,993,480	5,228,326	5,441,384	5,750,318	5,969,608	⁴ 6,474,880	⁴ 6,188,603
Washington	3,906,471	4,259,048	4,679,698	4,892,690	5,138,928	5,367,559	5,480,787	6,604,200
West Virginia	1,473,640	1,503,980	1,626,005	1,663,868	1,758,557	1,806,004	1,847,874	1,907,006
Wisconsin	4,292,434	4,597,004	4,954,900	5,170,343	5,422,264	5,670,826	5,968,287	6,281,352
Wyoming	521,549	545,870	547,938	558,353	577,144	581,817	597,842	615,000
Outlying areas								
American Samoa	24,946	26,972	23,636	25,161	28,643	30,382	36,498	⁴ 37,373
Guam	116,406	132,494	161,477	160,797	161,434	158,303	⁵ 145,623	181,000
Northern Marianas	26,822	32,498	38,784	32,824	45,008	44,037	⁵ 53,366	53,200
Puerto Rico	1,142,863	1,207,235	1,295,452	1,360,762	1,501,485	1,667,640	⁵ 1,800,000	1,921,000
Virgin Islands	119,950	121,660	120,510	120,556	122,094	122,286	⁵ 127,754	⁴ 123,112

¹ Data revised from previously published figures.² Data estimated by state education agencies unless otherwise indicated.³ U.S. total includes National Center for Education Statistics estimates for nonreporting states.⁴ Estimated by the National Center for Education Statistics.⁵ Actual preliminary count.

—Data not available or not applicable.

NOTE.—Beginning in 1980–81, expenditures for state administration are excluded. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and Common Core of Data surveys. (This table was prepared July 1998.)

**Table 165.—Total expenditures for public elementary and secondary education, by function and state:
1995–96**

[In thousands]

State or other area	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Student services				
				Total	Students ³	Instructional ⁴	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	\$293,610,849	\$255,079,736	\$157,480,290	\$86,172,655	\$12,243,641	\$10,071,302	\$5,866,480	\$14,831,161
Alabama	3,633,168	3,240,364	2,032,706	970,024	108,627	106,993	71,865	191,236
Alaska	1,251,355	1,045,022	591,338	420,151	52,586	58,700	60,212	63,392
Arizona	4,393,822	3,327,969	1,921,658	1,192,286	145,080	105,672	134,589	181,920
Arkansas	2,248,059	1,994,748	1,244,145	613,193	81,449	75,532	68,403	111,804
California	30,406,167	27,334,639	16,333,392	9,829,490	1,452,162	1,253,659	168,029	2,089,532
Colorado	4,138,328	3,360,529	2,069,222	1,156,615	142,866	124,223	94,664	224,970
Connecticut	4,656,518	4,366,123	2,780,996	1,363,960	227,587	126,630	87,172	242,156
Delaware	823,067	726,241	447,549	244,095	35,038	10,375	7,963	40,913
District of Columbia	711,929	679,106	334,893	312,944	85,684	34,518	19,903	37,519
Florida	14,231,901	11,480,359	6,675,272	4,238,643	518,152	642,321	125,889	771,572
Georgia	8,051,720	6,629,646	4,116,129	2,109,944	267,862	324,776	94,189	416,759
Hawaii	1,262,385	1,040,682	651,832	322,254	64,740	39,115	7,734	65,454
Idaho	1,204,717	1,019,594	643,243	330,614	53,541	31,225	25,765	62,332
Illinois	12,262,164	10,727,091	6,461,142	3,892,546	540,225	401,100	321,916	590,324
Indiana	6,568,240	5,493,653	3,412,502	1,836,980	233,153	154,438	100,287	308,242
Iowa	3,048,566	2,753,425	1,691,945	926,348	170,366	124,464	81,817	143,571
Kansas	2,732,391	2,488,077	1,441,539	923,743	122,982	102,164	96,897	167,840
Kentucky	3,447,820	3,171,495	1,942,324	1,081,739	124,475	85,394	126,085	194,448
Louisiana	3,878,876	3,545,832	2,099,916	1,130,311	134,689	141,633	81,098	195,971
Maine	1,422,526	1,313,759	882,302	383,560	38,651	36,857	25,370	74,519
Maryland	5,839,898	5,311,207	3,263,165	1,796,246	219,149	216,968	28,931	437,906
Massachusetts	6,680,053	6,435,458	4,275,924	1,947,224	298,248	203,651	144,036	302,442
Michigan	12,742,147	11,137,877	6,583,062	4,229,411	703,337	478,208	226,291	681,482
Minnesota	6,184,218	4,844,879	3,095,995	1,553,894	152,927	264,047	115,247	209,100
Mississippi	2,286,758	2,000,321	1,246,654	603,502	72,944	76,766	60,174	110,001
Missouri	5,319,015	4,531,192	2,770,426	1,565,327	193,113	177,747	143,728	268,686
Montana	946,567	868,892	541,473	291,170	38,937	29,562	27,864	46,206
Nebraska	1,907,419	1,648,104	1,027,617	487,949	65,446	56,991	60,530	84,875
Nevada	1,611,165	1,296,629	768,352	483,971	49,234	35,803	25,315	94,642
New Hampshire	1,244,321	1,114,540	725,558	349,699	60,948	30,362	38,858	63,061
New Jersey	12,231,660	11,208,558	6,775,687	4,061,688	747,150	344,067	330,090	628,605
New Mexico	1,796,491	1,517,517	872,133	558,257	119,802	69,280	40,968	74,953
New York	26,907,652	23,522,461	15,948,326	6,943,853	941,911	530,265	556,860	984,540
North Carolina	6,490,339	5,582,994	3,479,891	1,740,685	277,597	201,268	107,979	366,907
North Dakota	620,394	557,043	339,950	168,142	16,563	12,415	28,442	25,975
Ohio	11,874,454	10,408,022	6,200,538	3,819,921	517,122	512,259	264,166	620,053
Oklahoma	3,111,652	2,804,088	1,680,375	949,350	152,299	80,474	116,722	154,505
Oregon	3,436,859	3,056,801	1,852,333	1,095,768	147,570	141,742	66,483	203,347
Pennsylvania	14,337,270	12,374,073	7,922,896	4,003,738	572,386	386,905	359,263	559,187
Rhode Island	1,145,773	1,094,185	728,417	336,288	67,987	35,315	24,511	53,354
South Carolina	3,683,763	3,085,495	1,821,432	1,064,316	202,810	175,636	43,376	195,675
South Dakota	686,104	610,640	370,593	205,012	25,120	21,076	17,874	35,547
Tennessee	4,295,064	3,728,486	2,378,112	1,151,816	119,988	194,847	84,329	205,363
Texas	22,217,305	18,801,462	11,540,336	6,179,630	861,085	815,973	692,991	1,035,280
Utah	2,159,133	1,719,782	1,152,136	465,935	51,345	63,991	17,324	98,351
Vermont	769,049	684,864	444,162	219,761	40,718	20,734	20,392	45,469
Virginia	6,986,861	5,969,608	3,601,235	2,045,379	286,321	323,547	63,245	359,684
Washington	6,544,096	5,367,559	3,225,122	1,890,496	315,886	260,129	145,262	271,935
West Virginia	1,965,472	1,806,004	1,122,084	578,586	57,382	47,184	47,320	104,923
Wisconsin	6,544,688	5,670,826	3,591,487	1,905,973	235,633	266,345	155,267	299,474
Wyoming	671,489	581,817	360,771	200,226	32,768	17,955	12,799	35,159
Outlying areas								
American Samoa	35,490	30,382	12,456	10,874	3,570	1,545	501	1,626
Guam	158,445	158,303	87,773	61,187	17,077	3,512	1,416	7,763
Northern Marianas	47,578	44,037	35,357	5,698	152	182	4,643	0
Puerto Rico	1,722,788	1,667,640	1,198,197	250,596	51,554	0	98,089	19,035
Virgin Islands	127,754	122,286	69,478	46,012	6,182	7,700	9,303	6,803

**Table 165.—Total expenditures for public elementary and secondary education, by function and state:
1995–96—Continued**
[In thousands]

State or other area	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures ¹	Capital outlay ²	Interest on school debt
	Student services			Food services	Enterprise operations ⁵			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	\$25,725,984	\$10,394,695	\$7,039,392	\$10,648,854	\$777,936	\$4,724,662	\$27,547,918	\$6,258,534
Alabama	289,843	131,883	69,576	237,634	0	56,173	292,706	43,925
Alaska	147,093	35,820	2,347	29,009	4,524	5,402	178,915	22,016
Arizona	378,922	134,032	112,071	172,221	41,803	29,293	812,131	224,430
Arkansas	171,166	75,532	29,308	119,701	17,710	11,659	196,003	45,650
California	2,863,245	768,783	1,234,080	1,166,119	5,638	531,838	2,417,780	121,909
Colorado	299,420	98,258	172,215	121,450	13,242	8,676	617,785	151,338
Connecticut	408,419	189,983	82,014	119,894	101,273	81,637	106,111	102,647
Delaware	71,852	42,045	35,909	34,596	0	13,367	74,700	8,759
District of Columbia	98,172	14,754	22,394	29,179	2,091	8,721	21,467	2,635
Florida	1,335,948	491,354	353,408	566,444	0	411,670	2,048,092	291,780
Georgia	574,027	254,766	177,565	397,944	5,630	254,738	1,045,456	121,880
Hawaii	105,042	19,298	20,873	66,595	0	31,309	159,558	30,837
Idaho	94,954	47,268	15,530	45,736	0	2,122	157,597	25,405
Illinois	1,192,303	506,262	340,417	373,402	0	90,228	1,173,420	271,426
Indiana	601,872	312,061	126,928	244,171	0	41,861	624,306	408,420
Iowa	242,507	86,381	77,242	122,983	12,148	17,177	242,068	35,896
Kansas	281,318	103,062	49,480	122,794	0	3,029	186,590	54,696
Kentucky	320,285	184,915	46,136	147,432	0	21,541	185,609	69,175
Louisiana	319,344	198,277	59,299	264,211	51,393	23,370	236,608	73,067
Maine	124,832	61,177	22,153	47,824	73	15,648	60,078	33,042
Maryland	527,925	266,100	99,267	166,649	85,148	18,192	452,471	58,027
Massachusetts	598,964	286,248	113,634	212,310	0	59,591	66,818	118,187
Michigan	1,204,619	475,639	459,835	325,403	0	356,592	952,539	295,139
Minnesota	409,419	259,091	144,063	194,990	0	218,463	927,467	193,409
Mississippi	173,345	81,208	29,063	149,666	499	13,499	232,798	40,140
Missouri	441,455	255,492	85,106	195,439	0	85,301	575,759	126,763
Montana	90,804	38,308	19,489	35,778	470	5,747	61,361	10,567
Nebraska	144,439	47,312	28,354	62,840	69,698	2,060	229,681	27,574
Nevada	131,000	57,157	90,819	44,305	0	9,069	230,269	75,199
New Hampshire	98,111	49,447	8,912	39,284	0	4,276	97,162	28,342
New Jersey	1,230,498	558,986	222,293	330,898	40,284	141,304	727,284	154,515
New Mexico	157,011	74,787	21,456	77,732	9,396	7,952	246,961	24,061
New York	2,183,189	1,172,615	574,474	630,281	0	912,651	1,918,134	554,406
North Carolina	474,144	209,247	103,544	362,417	0	39,864	727,293	140,188
North Dakota	49,878	24,733	10,137	28,314	20,637	4,253	52,052	7,046
Ohio	1,005,165	273,774	627,382	384,139	3,425	352,284	819,258	294,890
Oklahoma	292,724	91,566	61,060	149,468	24,896	11,672	273,257	22,634
Oregon	280,413	124,502	131,712	104,771	3,929	11,450	288,229	80,380
Pennsylvania	1,258,224	543,990	323,783	435,188	12,250	315,558	1,234,924	412,716
Rhode Island	98,914	44,336	11,870	29,480	0	9,322	22,106	20,160
South Carolina	286,155	93,456	67,209	181,207	18,539	55,275	453,207	89,786
South Dakota	61,045	24,593	19,756	32,571	2,464	1,013	62,693	11,759
Tennessee	357,936	135,300	54,053	198,558	0	17,641	463,845	85,092
Texas	2,084,036	522,233	168,033	1,029,383	52,114	96,344	2,710,954	608,545
Utah	155,632	48,483	30,809	94,445	7,265	51,870	338,271	49,211
Vermont	56,197	22,869	13,382	20,242	699	2,050	69,409	12,726
Virginia	628,660	265,821	118,101	230,510	92,484	113,349	752,071	151,833
Washington	555,847	213,329	128,108	173,880	78,061	27,709	898,786	250,041
West Virginia	180,967	116,280	24,530	105,181	154	29,007	113,988	16,473
Wisconsin	524,527	239,221	185,506	173,366	0	90,754	633,453	149,655
Wyoming	64,176	22,663	14,706	20,820	0	1,092	78,443	10,136
Outlying areas								
American Samoa	1,834	587	1,210	7,052	0	2,480	2,628	0
Guam	15,190	10,594	5,635	9,343	0	142	0	0
Northern Marianas	192	406	123	2,982	0	1,906	1,635	0
Puerto Rico	43,435	36,370	2,114	218,847	0	22,299	32,305	543
Virgin Islands	7,023	3,218	5,783	6,730	65	1,425	4,043	0

¹ Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

² Includes expenditures for property and for building and alterations completed by school district staff or contractors.

³ Includes expenditures for health, attendance, and speech pathology services.

⁴ Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

⁵ Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

NOTE.—Excludes expenditures for state education agencies. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared June 1998.)

**Table 166.—Total expenditures for public elementary and secondary education, by function and state:
1994–95**

[In thousands]

State or other area	Total expenditures							
	Total	Current expenditures for elementary and secondary programs						
		Current expenditures for public schools	Instruction	Student services				
				Total	Students ³	Instructional ⁴	General administration	School administration
1	2	3	4	5	6	7	8	9
United States	\$279,000,318	\$243,877,582	\$150,556,118	\$82,351,869	\$11,679,127	\$9,654,676	\$5,731,420	\$14,146,428
Alabama	3,372,114	3,026,287	1,906,471	887,965	95,915	101,461	67,361	178,661
Alaska	1,208,525	1,020,675	574,242	414,526	46,037	59,776	59,146	62,651
Arizona	4,071,643	3,144,540	1,811,167	1,122,380	136,799	101,272	127,853	172,363
Arkansas	2,094,833	1,873,595	1,144,389	601,518	80,417	81,129	69,890	108,937
California	29,070,435	25,949,033	15,549,692	9,299,207	1,389,412	1,184,061	157,603	1,988,240
Colorado	3,867,788	3,232,976	1,970,908	1,138,810	134,882	105,180	95,407	212,746
Connecticut	4,501,537	4,247,328	2,721,552	1,308,873	205,801	125,781	85,815	230,445
Delaware	776,034	694,473	431,618	234,509	35,208	10,054	8,607	39,851
District of Columbia	706,715	666,938	336,543	301,372	68,249	35,583	24,128	35,772
Florida	13,756,867	11,019,735	6,395,934	4,085,932	493,124	621,024	124,221	751,327
Georgia	7,394,767	6,136,689	3,779,713	1,980,428	243,585	308,258	92,699	390,256
Hawaii	1,185,571	1,028,729	636,952	328,578	56,477	47,903	8,317	61,235
Idaho	1,110,948	951,350	602,232	304,596	47,883	27,869	22,736	57,616
Illinois	12,102,804	10,640,279	6,367,082	3,913,546	598,430	414,320	346,332	567,303
Indiana	6,297,458	5,243,761	3,262,523	1,746,052	220,704	150,548	97,521	286,489
Iowa	2,876,604	2,622,510	1,623,942	869,366	151,650	111,906	93,466	136,484
Kansas	2,651,153	2,406,580	1,387,198	901,603	122,448	96,919	97,200	163,849
Kentucky	3,228,465	2,988,892	1,787,693	1,048,757	114,995	94,131	116,323	192,765
Louisiana	3,811,767	3,475,926	2,071,476	1,092,851	129,617	134,672	79,512	191,691
Maine	1,402,024	1,281,706	859,560	375,712	37,206	35,897	25,281	71,727
Maryland	5,616,288	5,083,380	3,127,996	1,714,032	204,542	205,561	28,724	407,145
Massachusetts	6,255,672	6,062,303	3,994,523	1,867,028	280,004	193,981	154,586	262,665
Michigan	11,864,469	10,440,206	6,228,315	3,905,033	646,546	440,927	216,139	621,034
Minnesota	5,829,727	4,622,930	2,946,240	1,490,265	150,969	244,948	120,037	211,671
Mississippi	2,158,879	1,921,480	1,197,868	573,685	67,952	75,608	57,872	104,056
Missouri	4,970,915	4,275,217	2,597,027	1,491,719	177,983	172,595	135,644	250,535
Montana	917,118	844,257	525,617	283,019	38,085	28,041	28,878	44,106
Nebraska	1,858,791	1,594,928	997,581	464,411	61,438	52,704	59,617	80,733
Nevada	1,382,856	1,186,132	706,132	439,092	44,003	34,017	19,791	85,859
New Hampshire	1,165,596	1,053,966	679,079	337,425	57,176	29,368	37,333	59,965
New Jersey	11,785,829	10,776,982	6,467,203	3,962,515	711,455	343,400	333,877	616,362
New Mexico	1,672,973	1,441,078	837,029	524,885	109,502	62,194	38,770	70,822
New York	26,273,275	22,989,629	15,636,396	6,716,673	920,036	515,478	532,921	967,188
North Carolina	6,206,406	5,440,426	3,387,680	1,700,284	275,299	203,004	109,618	360,519
North Dakota	587,279	534,632	328,461	158,320	15,055	11,342	26,664	24,667
Ohio	11,711,711	10,030,956	5,960,083	3,696,226	494,237	491,446	256,871	600,742
Oklahoma	3,064,964	2,763,721	1,662,373	932,702	146,932	80,318	111,885	153,770
Oregon	3,327,032	2,948,539	1,776,148	1,071,438	144,181	140,178	64,919	186,509
Pennsylvania	13,135,222	11,587,027	7,460,973	3,674,151	520,141	360,427	323,749	531,342
Rhode Island	1,094,983	1,050,969	703,185	318,828	63,190	35,484	23,089	51,318
South Carolina	3,353,682	2,920,230	1,727,214	1,007,017	188,416	164,710	50,323	185,744
South Dakota	695,692	612,825	376,116	203,434	25,030	20,853	18,149	34,923
Tennessee	4,027,607	3,540,682	2,285,884	1,063,138	107,096	184,306	77,382	193,446
Texas	20,352,717	17,572,269	10,753,150	5,793,863	818,794	756,747	657,189	983,347
Utah	2,050,021	1,618,047	1,089,195	433,062	46,035	59,045	16,309	91,455
Vermont	727,870	665,559	434,933	209,344	39,133	20,037	19,726	43,535
Virginia	6,637,551	5,750,318	3,483,576	1,959,196	276,456	310,885	63,440	343,478
Washington	6,172,346	5,138,928	3,075,781	1,824,722	324,236	248,340	137,716	258,070
West Virginia	1,945,379	1,758,557	1,090,056	564,738	56,646	47,696	45,205	103,189
Wisconsin	6,030,769	5,422,264	3,441,286	1,816,370	227,651	255,756	152,683	282,766
Wyoming	638,647	577,144	358,131	198,676	32,069	17,539	12,896	35,055
Outlying areas								
American Samoa	34,511	28,643	11,796	11,453	3,314	2,397	471	1,568
Guam	161,823	161,434	79,336	68,478	19,120	4,585	2,207	9,681
Northern Marianas	48,127	45,008	35,613	6,581	6,581	0	0	0
Puerto Rico	1,551,369	1,501,485	1,093,038	219,007	34,985	0	94,633	15,904
Virgin Islands	137,020	122,094	69,349	45,951	6,171	7,677	9,289	6,801

**Table 166.—Total expenditures for public elementary and secondary education, by function and state:
1994–95—Continued**

[In thousands]

State or other area	Total expenditures							
	Current expenditures for elementary and secondary programs					Other current expenditures ¹	Capital outlay ²	Interest on school debt
	Student services			Food services	Enterprise operations ⁵			
	Operation and maintenance	Student transportation	Other support services					
1	10	11	12	13	14	15	16	17
United States	\$24,542,922	\$9,889,034	\$6,708,262	\$10,268,542	\$701,053	\$5,148,505	\$24,456,100	\$5,518,131
Alabama	257,876	125,387	61,304	231,851	0	55,454	247,086	43,287
Alaska	149,321	35,338	2,258	27,454	4,453	5,636	157,651	24,563
Arizona	355,125	121,198	107,769	169,981	41,012	26,014	725,588	175,501
Arkansas	160,194	71,079	29,872	112,852	14,837	11,060	165,941	44,237
California	2,703,051	728,475	1,148,364	1,096,200	3,934	493,215	2,529,013	99,174
Colorado	288,364	91,328	210,903	112,961	10,297	8,237	458,354	168,220
Connecticut	390,086	180,164	90,782	124,397	92,506	66,132	86,860	101,217
Delaware	66,400	40,603	33,785	28,347	0	20,661	52,594	8,306
District of Columbia	100,787	14,673	22,179	26,953	2,071	9,183	27,400	3,194
Florida	1,284,882	461,045	350,308	537,869	0	398,246	2,077,463	261,424
Georgia	541,410	236,703	167,517	372,965	3,583	245,749	899,069	113,260
Hawaii	109,945	20,932	23,769	63,199	0	33,858	94,706	28,277
Idaho	88,963	44,129	15,399	44,522	0	1,699	134,626	23,273
Illinois	1,176,403	488,953	321,805	359,650	0	387,113	835,313	240,099
Indiana	571,228	296,455	123,106	235,186	0	40,278	644,345	369,075
Iowa	230,119	83,499	62,242	118,903	10,299	15,714	209,806	28,574
Kansas	267,158	99,645	54,384	117,778	0	3,238	186,381	54,954
Kentucky	310,055	178,019	42,470	152,442	0	7,540	167,857	64,176
Louisiana	301,605	198,378	57,375	262,485	49,115	22,939	219,307	93,594
Maine	124,030	59,747	21,824	46,432	3	15,461	69,977	34,880
Maryland	508,935	258,942	100,184	161,657	79,695	20,811	458,718	53,379
Massachusetts	607,195	260,916	107,680	200,752	0	22,046	56,327	114,995
Michigan	1,106,729	443,303	430,355	306,858	0	396,602	779,103	248,558
Minnesota	374,231	246,818	141,593	186,425	0	206,489	832,894	167,414
Mississippi	161,563	79,374	27,260	149,321	606	12,975	189,219	35,206
Missouri	414,091	252,573	88,297	186,472	0	72,886	527,098	95,714
Montana	88,928	36,971	18,010	35,335	286	3,446	58,245	11,170
Nebraska	137,977	45,967	25,975	61,069	71,867	1,895	234,277	27,691
Nevada	124,105	52,440	78,878	40,907	0	7,831	126,517	62,377
New Hampshire	95,538	47,865	10,179	37,462	0	3,853	80,403	27,374
New Jersey	1,187,881	542,987	226,552	305,128	42,136	155,678	713,451	139,717
New Mexico	151,975	72,478	19,144	69,589	9,575	9,795	199,753	22,348
New York	2,112,752	1,135,476	532,822	636,560	0	891,267	1,911,244	481,135
North Carolina	452,060	202,679	97,104	352,461	0	34,895	602,044	129,041
North Dakota	47,023	24,086	9,483	28,392	19,459	4,271	41,158	7,218
Ohio	976,449	267,937	608,545	372,258	2,390	693,248	709,604	277,903
Oklahoma	281,658	89,730	68,410	146,101	22,545	10,678	271,306	19,259
Oregon	283,418	117,678	134,554	98,931	2,023	9,784	304,585	64,124
Pennsylvania	1,191,240	464,772	282,480	442,456	9,448	284,200	994,217	269,779
Rhode Island	86,845	46,942	11,961	28,956	0	6,645	20,229	17,140
South Carolina	265,137	91,002	61,685	175,774	10,225	61,754	293,549	78,150
South Dakota	59,110	24,625	20,743	31,867	1,408	1,194	69,492	12,181
Tennessee	326,088	128,713	46,107	191,660	0	16,785	395,526	74,614
Texas	1,956,723	485,709	135,354	993,076	32,180	87,311	2,148,179	544,958
Utah	147,363	45,359	27,497	91,662	4,128	48,035	337,844	46,095
Vermont	53,494	22,184	11,236	19,129	2,154	3,502	49,269	9,540
Virginia	604,534	253,327	107,077	221,934	85,612	110,016	631,622	145,594
Washington	530,680	206,454	119,226	165,327	73,098	24,984	785,663	222,772
West Virginia	174,973	113,597	23,432	103,652	111	28,917	141,023	16,882
Wisconsin	493,584	229,896	174,034	164,608	0	47,641	455,293	105,571
Wyoming	63,640	22,485	14,992	20,336	0	1,643	48,913	10,947
Outlying areas								
American Samoa	1,614	834	1,254	5,394	0	2,901	2,967	0
Guam	16,199	10,608	6,078	10,099	3,520	169	219	0
Northern Marianas	0	0	0	2,814	0	261	2,858	0
Puerto Rico	38,081	34,259	1,144	189,440	0	20,351	28,709	824
Virgin Islands	7,020	3,214	5,780	6,731	64	1,485	13,441	0

¹ Includes expenditures for adult education, community colleges, private school programs funded by local and state education agencies, and community services.

² Includes expenditures for property and for building and alterations completed by school district staff or contractors.

³ Includes expenditures for health, attendance, and speech pathology services.

⁴ Includes expenditures for curriculum development, staff training, libraries, and media and computer centers.

⁵ Includes expenditures for operations funded by sales of products or services (e.g., school bookstore or computer time).

NOTE.—Excludes expenditures for state education agencies. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Common Core of Data survey. (This table was prepared July 1998.)

Table 167.—Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1959–60 to 1995–96

State or other area	Unadjusted dollars													
	1959–60	1969–70	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$375	\$816	\$2,272	\$2,502	\$3,756	\$4,240	\$4,645	\$4,980	\$5,258	\$5,421	\$5,584	\$5,767	\$5,989	\$6,146
Alabama	241	544	1,612	1,985	2,565	2,718	3,197	3,327	3,627	3,616	3,761	4,037	4,405	4,716
Alaska	546	1,123	4,728	5,688	8,304	7,971	7,716	8,431	8,330	8,450	8,735	8,882	8,963	9,012
Arizona	404	720	1,971	2,258	3,336	3,744	3,902	4,053	4,309	4,381	4,510	4,611	4,778	4,860
Arkansas	225	568	1,574	1,701	2,658	2,989	3,273	3,485	3,700	4,031	4,124	4,280	4,459	4,710
California	² 424	867	2,268	2,475	3,543	3,840	4,135	4,391	4,491	4,746	4,780	4,921	4,992	5,108
Colorado	396	738	2,421	2,693	3,975	4,220	4,521	4,720	5,064	5,172	5,139	5,097	5,443	5,521
Connecticut	436	951	2,420	2,876	4,743	6,230	6,857	7,837	7,853	8,012	7,973	8,473	8,817	8,817
Delaware	456	900	2,861	3,018	4,610	5,017	5,422	5,799	5,974	6,093	6,274	6,621	7,030	7,267
District of Columbia	431	1,018	3,259	3,441	5,337	6,132	7,850	8,955	9,377	9,549	9,419	10,180	9,335	9,565
Florida	318	732	1,889	2,401	3,529	4,092	4,563	4,997	5,276	5,243	5,314	5,516	5,718	5,894
Georgia	253	588	1,625	1,708	2,966	3,434	3,852	4,275	4,466	4,419	4,686	4,915	5,193	5,377
Hawaii	325	841	2,322	2,604	3,807	3,919	4,121	4,448	5,166	5,420	5,704	5,879	6,078	6,051
Idaho	290	603	1,659	1,856	2,484	2,667	2,833	3,078	3,386	3,556	3,690	3,844	4,210	4,465
Illinois	438	909	2,587	2,704	3,781	4,369	4,906	5,118	5,520	5,670	5,898	5,893	6,136	6,128
Indiana	369	728	1,882	2,010	3,275	3,794	4,284	4,606	4,930	5,074	5,344	5,630	5,826	6,040
Iowa	368	844	2,326	2,668	3,619	4,124	4,285	4,453	4,679	5,096	5,257	5,288	5,483	5,772
Kansas	348	771	2,173	2,559	3,829	4,076	4,443	4,752	4,874	5,007	5,442	5,659	5,817	5,971
Kentucky	233	545	1,701	1,784	2,486	3,011	3,347	3,745	4,354	4,719	4,872	5,107	5,217	5,545
Louisiana	372	648	1,792	2,469	3,187	3,138	3,317	3,903	4,196	4,352	4,428	4,519	4,761	4,988
Maine	283	692	1,824	1,934	3,472	4,258	4,744	5,373	5,458	5,652	6,073	6,069	6,428	6,546
Maryland	393	918	2,598	2,914	4,447	5,201	5,758	6,275	6,654	6,679	6,813	6,958	7,245	7,382
Massachusetts	409	859	2,819	2,940	4,562	5,471	5,972	6,237	6,366	6,408	6,627	6,959	7,287	7,613
Michigan	415	904	2,640	3,037	4,176	4,692	5,150	5,546	5,883	6,268	6,494	6,658	6,994	7,166
Minnesota	425	904	2,387	2,673	3,941	4,386	4,755	4,971	5,239	5,409	5,554	5,720	6,000	6,162
Mississippi	206	501	1,664	1,605	2,362	2,548	2,861	3,094	3,187	3,245	3,382	3,660	4,080	4,250
Missouri	344	709	1,936	2,172	3,189	3,786	4,263	4,507	4,754	4,830	4,885	5,114	5,383	5,626
Montana	411	782	2,476	2,683	4,091	4,246	4,293	4,736	5,204	5,319	5,425	5,598	5,692	5,847
Nebraska	337	736	2,150	2,384	3,634	3,943	4,360	4,842	5,038	5,263	5,336	5,651	5,935	6,083
Nevada	430	769	2,088	2,078	3,440	3,623	3,871	4,117	4,653	4,926	5,066	5,052	5,160	5,320
New Hampshire	347	723	1,916	2,265	3,542	4,457	4,807	5,304	5,685	5,790	5,644	5,723	5,859	5,958
New Jersey	388	1,016	3,191	3,254	5,570	6,564	7,549	8,139	8,756	9,317	9,415	9,677	9,774	9,955
New Mexico	363	707	2,034	2,329	3,195	3,691	3,473	3,515	3,895	3,765	4,071	4,261	4,577	4,587
New York	562	1,327	3,462	3,741	6,011	7,151	7,663	8,062	8,565	8,527	8,902	9,175	9,623	9,549
North Carolina	237	612	1,754	2,001	2,948	3,368	3,874	4,290	4,548	4,554	4,763	4,894	5,077	5,090
North Dakota	367	690	1,920	2,275	3,483	3,519	3,952	4,189	4,199	4,441	4,597	4,674	4,795	4,979
Ohio	365	730	2,075	2,303	3,527	3,998	4,686	5,045	5,245	5,694	5,754	5,971	6,162	6,266
Oklahoma	311	604	1,926	2,199	3,146	3,093	3,379	3,508	3,843	4,076	4,355	4,734	4,845	4,881
Oregon	448	925	2,692	3,100	4,141	4,789	5,182	5,474	5,683	5,913	6,296	6,263	6,436	6,615
Pennsylvania	409	882	2,535	2,824	4,325	4,989	5,597	6,228	6,541	6,613	6,890	6,983	7,109	7,492
Rhode Island	413	891	2,601	2,927	4,667	5,329	6,064	6,368	6,343	6,546	6,938	7,333	7,715	7,936
South Carolina	220	613	1,752	1,734	3,058	3,408	3,736	4,082	4,352	4,436	4,624	4,761	4,797	5,096
South Dakota	347	690	1,908	1,991	3,051	3,249	3,585	3,731	3,965	4,173	4,357	4,586	4,775	4,780
Tennessee	238	566	1,635	1,794	2,612	3,068	3,491	3,664	3,782	3,692	3,993	4,149	4,388	4,548
Texas	332	624	1,916	2,006	3,298	3,608	3,877	4,150	4,438	4,632	4,670	4,898	5,222	5,473
Utah	322	626	1,657	1,819	2,390	2,454	2,588	2,764	2,960	3,040	3,180	3,439	3,656	3,867
Vermont	344	807	1,997	2,475	4,031	5,207	5,481	6,227	6,738	6,671	6,411	6,600	6,750	6,837
Virginia	274	708	1,970	2,179	3,520	4,149	4,539	4,672	4,902	4,878	4,980	5,109	5,327	5,433
Washington	420	915	2,568	2,542	3,881	4,164	4,359	4,702	5,000	5,271	5,614	5,751	5,906	6,044
West Virginia	258	670	1,920	2,146	3,528	3,858	3,883	4,360	4,911	5,078	5,527	5,713	6,107	6,325
Wisconsin	413	883	2,477	2,738	4,168	4,747	5,266	5,524	5,871	6,139	6,475	6,717	6,930	7,094
Wyoming	450	856	2,527	2,967	5,114	5,051	5,375	5,577	5,638	5,812	5,822	5,899	6,160	6,243
Outlying areas														
American Samoa	—	—	—	—	1,387	1,908	1,988	1,908	2,033	2,085	1,670	1,785	2,046	2,159
Guam	236	820	—	—	3,383	3,295	4,067	4,234	4,596	5,231	5,309	5,071	5,080	4,947
Northern Marianas	—	—	—	—	2,552	3,366	2,414	3,007	4,425	5,247	5,288	4,510	6,123	5,863
Puerto Rico	106	—	—	—	1,325	1,504	1,692	1,750	1,913	2,162	2,364	2,312	2,742	3,039
Virgin Islands	271	—	—	—	3,223	4,036	5,281	6,767	6,002	5,935	5,843	5,915	6,003	6,155

Table 167.—Current expenditure per pupil in average daily attendance in public elementary and secondary schools, by state: 1959–60 to 1995–96—Continued

State or other area	Constant 1995–96 dollars ¹													
	1959–60	1969–70	1979–80	1980–81	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	\$1,973	\$3,337	\$4,521	\$4,462	\$5,332	\$5,655	\$5,921	\$6,059	\$6,066	\$6,060	\$6,053	\$6,094	\$6,152	\$6,146
Alabama	1,268	2,225	3,208	3,540	3,641	3,625	4,075	4,048	4,184	4,042	4,077	4,265	4,525	4,716
Alaska	2,873	4,591	9,409	10,145	11,790	10,631	9,837	10,259	9,610	9,446	9,468	9,385	9,207	9,012
Arizona	2,122	2,945	3,922	4,028	4,737	4,994	4,975	4,932	4,971	4,897	4,889	4,872	4,908	4,860
Arkansas	1,184	2,322	3,133	3,034	3,773	3,987	4,173	4,240	4,269	4,506	4,471	4,523	4,580	4,710
California	² 2,229	3,547	4,513	4,414	5,031	5,122	5,271	5,343	5,181	5,305	5,182	5,200	5,128	5,108
Colorado	2,083	3,018	4,818	4,802	5,643	5,628	5,763	5,744	5,842	5,781	5,571	5,386	5,591	5,521
Connecticut	2,293	3,891	4,816	5,129	6,734	8,310	8,742	9,536	9,061	8,957	8,643	8,953	9,056	8,817
Delaware	2,396	3,681	5,694	5,383	6,545	6,692	6,913	7,056	6,892	6,811	6,801	6,997	7,221	7,267
District of Columbia	2,267	4,165	6,486	6,137	7,578	8,179	10,008	10,896	10,819	10,675	10,211	10,757	9,589	9,565
Florida	1,670	2,995	3,759	4,283	5,011	5,458	5,817	6,081	6,087	5,861	5,761	5,828	5,874	5,894
Georgia	1,333	2,405	3,234	3,047	4,211	4,580	4,911	5,201	5,152	4,940	5,079	5,193	5,334	5,377
Hawaii	1,707	3,438	4,621	4,644	5,405	5,226	5,253	5,413	5,960	6,059	6,184	6,212	6,243	6,051
Idaho	1,523	2,467	3,302	3,310	3,526	3,557	3,611	3,745	3,907	3,975	4,000	4,062	4,324	4,465
Illinois	2,305	3,720	5,148	4,822	5,369	5,827	6,254	6,227	6,369	6,338	6,394	6,227	6,303	6,128
Indiana	1,939	2,978	3,746	3,585	4,650	5,060	5,462	5,605	5,688	5,672	5,793	5,949	5,985	6,040
Iowa	1,933	3,453	4,630	4,758	5,139	5,500	5,462	5,418	5,398	5,697	5,699	5,588	5,632	5,772
Kansas	1,828	3,153	4,325	4,564	5,437	5,437	5,664	5,782	5,623	5,598	5,899	5,980	5,975	5,971
Kentucky	1,226	2,230	3,385	3,182	3,530	4,015	4,267	4,557	5,023	5,275	5,281	5,397	5,359	5,545
Louisiana	1,956	2,650	3,566	4,404	4,525	4,185	4,229	4,750	4,841	4,865	4,800	4,775	4,890	4,988
Maine	1,487	2,832	3,629	3,449	4,929	5,679	6,047	6,538	6,297	6,318	6,583	6,412	6,603	6,546
Maryland	2,065	3,756	5,170	5,197	6,314	6,937	7,341	7,636	7,676	7,466	7,385	7,352	7,443	7,382
Massachusetts	2,150	3,514	5,611	5,243	6,478	7,297	7,613	7,589	7,344	7,164	7,184	7,354	7,485	7,613
Michigan	2,183	3,697	5,255	5,416	5,929	6,257	6,565	6,749	6,787	7,007	7,040	7,035	7,185	7,166
Minnesota	2,236	3,696	4,750	4,768	5,595	5,850	6,062	6,048	6,044	6,046	6,021	6,044	6,163	6,162
Mississippi	1,083	2,048	3,311	2,863	3,353	3,398	3,647	3,764	3,676	3,628	3,667	3,868	4,191	4,250
Missouri	1,809	2,898	3,853	3,874	4,528	5,049	5,434	5,484	5,484	5,399	5,296	5,403	5,530	5,626
Montana	2,160	3,198	4,929	4,786	5,808	5,663	5,472	5,763	6,004	5,946	5,881	5,915	5,847	5,847
Nebraska	1,772	3,012	4,279	4,253	5,159	5,259	5,559	5,891	5,812	5,884	5,785	5,971	6,096	6,083
Nevada	2,263	3,147	4,156	3,706	4,884	4,832	4,934	5,010	5,369	5,506	5,491	5,338	5,301	5,320
New Hampshire	1,826	2,957	3,813	4,040	5,028	5,945	6,128	6,454	6,559	6,473	6,119	6,048	6,018	5,958
New Jersey	2,038	4,156	6,351	5,804	7,908	8,755	9,624	9,904	10,102	10,416	10,206	10,225	10,040	9,955
New Mexico	1,907	2,892	4,047	4,155	4,537	4,923	4,427	4,277	4,493	4,209	4,413	4,502	4,702	4,587
New York	2,953	5,426	6,890	6,673	8,534	9,538	9,770	9,809	9,881	9,533	9,650	9,694	9,885	9,549
North Carolina	1,247	2,504	3,491	3,569	4,186	4,492	4,939	5,220	5,247	5,091	5,163	5,172	5,215	5,090
North Dakota	1,928	2,820	3,822	4,057	4,945	4,694	5,038	5,097	4,844	4,964	4,984	4,938	4,925	4,979
Ohio	1,919	2,986	4,129	4,108	5,007	5,332	5,974	6,138	6,051	6,366	6,238	6,309	6,329	6,266
Oklahoma	1,637	2,472	3,834	3,921	4,467	4,125	4,308	4,268	4,434	4,557	4,721	5,002	4,977	4,881
Oregon	2,357	3,782	5,357	5,529	5,879	6,387	6,606	6,661	6,556	6,610	6,825	6,618	6,611	6,615
Pennsylvania	2,153	3,606	5,044	5,036	6,141	6,654	7,136	7,578	7,547	7,393	7,469	7,379	7,303	7,492
Rhode Island	2,174	3,645	5,176	5,220	6,627	7,108	7,731	7,748	7,318	7,318	7,521	7,749	7,925	7,936
South Carolina	1,157	2,505	3,487	3,093	4,342	4,545	4,763	4,967	5,021	4,959	5,012	5,031	4,928	5,096
South Dakota	1,824	2,822	3,797	3,551	4,332	4,333	4,570	4,540	4,574	4,665	4,723	4,845	4,905	4,780
Tennessee	1,252	2,315	3,255	3,199	3,708	4,092	4,450	4,458	4,363	4,127	4,329	4,384	4,507	4,548
Texas	1,747	2,553	3,812	3,578	4,683	4,812	4,942	5,050	5,121	5,178	5,063	5,175	5,364	5,473
Utah	1,695	2,561	3,297	3,244	3,394	3,273	3,299	3,363	3,414	3,399	3,447	3,633	3,755	3,867
Vermont	1,808	3,301	3,974	4,414	5,723	6,945	6,987	7,576	7,774	7,457	6,949	6,974	6,933	6,837
Virginia	1,442	2,895	3,920	3,886	4,998	5,533	5,787	5,684	5,655	5,453	5,398	5,398	5,472	5,433
Washington	2,211	3,744	5,111	4,534	5,510	5,553	5,557	5,722	5,768	5,892	6,085	6,076	6,066	6,044
West Virginia	1,359	2,740	3,822	3,827	5,010	5,145	4,950	5,306	5,666	5,676	5,991	6,037	6,274	6,325
Wisconsin	2,172	3,610	4,929	4,884	5,917	6,332	6,713	6,721	6,774	6,863	7,020	7,098	7,119	7,094
Wyoming	2,368	3,501	5,028	5,292	7,261	6,737	6,853	6,786	6,505	6,497	6,312	6,233	6,328	6,243
Outlying areas														
American Samoa	—	—	—	—	1,969	2,545	2,535	2,321	2,345	2,331	1,811	1,886	2,102	2,159
Guam	1,243	3,353	—	—	4,803	4,395	5,185	5,152	5,302	5,847	5,755	5,358	5,218	4,947
Northern Marianas	—	—	—	—	3,623	4,489	3,077	3,659	5,105	5,865	5,733	4,766	6,289	5,863
Puerto Rico	558	—	—	—	1,881	2,007	2,157	2,129	2,207	2,416	2,562	2,443	2,817	3,039
Virgin Islands	1,423	—	—	—	4,577	5,383	6,733	8,234	6,925	6,635	6,334	6,250	6,166	6,155

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. These data do not reflect differences in inflation rates from state to state.

² Estimated by the National Center for Education Statistics.

—Data not available or not applicable.

NOTE.—Beginning in 1980–81, state administration expenditures are excluded. Beginning in 1988–89, extensive changes were made in the data collection procedures. There

are discrepancies in average daily attendance reporting practices from state to state. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems*; and Common Core of Data surveys. (This table was prepared July 1998.)

Table 168.—Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state: 1969–70 to 1995–96

State or other area	Unadjusted dollars													
	1969–70	1979–80	1980–81	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$751	\$2,088	\$2,307	\$3,479	\$3,682	\$3,927	\$4,307	\$4,643	\$4,902	\$5,023	\$5,160	\$5,327	\$5,529	\$5,689
Alabama	512	1,520	1,836	2,411	2,420	2,569	3,019	3,144	3,429	3,415	3,568	3,826	4,109	4,343
Alaska	1,059	4,267	5,506	7,622	7,131	7,079	6,940	7,577	7,502	7,852	7,901	7,960	8,033	8,189
Arizona	674	1,865	2,093	3,009	3,436	3,498	3,728	3,717	3,860	3,957	4,088	4,104	4,264	4,476
Arkansas	511	1,472	1,585	2,506	2,558	2,771	3,023	3,229	3,461	3,777	3,859	4,013	4,186	4,401
California	833	2,227	2,438	3,534	3,772	3,877	4,205	4,502	4,595	4,640	4,609	4,719	4,799	4,937
Colorado	686	2,258	2,509	3,666	3,814	3,878	4,151	4,357	4,603	4,644	4,766	4,727	5,047	5,121
Connecticut	911	2,167	2,711	4,641	5,150	5,905	6,479	7,463	7,547	7,620	7,655	7,947	8,380	8,430
Delaware	833	2,587	2,721	4,215	4,429	4,606	4,958	5,326	5,458	5,599	5,753	6,101	6,502	6,696
District of Columbia	947	2,811	2,950	4,672	5,153	5,662	6,888	7,872	8,029	8,403	8,286	8,843	8,290	8,510
Florida	683	1,834	2,209	3,260	3,515	3,778	4,210	4,597	4,859	4,821	4,876	5,063	5,220	5,275
Georgia	539	1,491	1,580	2,760	2,969	3,195	3,616	4,000	4,171	4,124	4,368	4,569	4,828	5,056
Hawaii	792	2,086	2,393	3,505	3,503	3,661	3,841	4,130	4,820	5,062	5,332	5,533	5,597	5,560
Idaho	573	1,548	1,736	2,358	2,462	2,505	2,656	2,921	3,206	3,370	3,471	3,628	3,957	4,194
Illinois	816	2,241	2,406	3,321	3,541	3,822	4,265	4,521	4,904	5,002	5,307	5,323	5,553	5,519
Indiana	661	1,708	1,798	2,951	3,213	3,454	3,933	4,270	4,588	4,749	4,995	5,245	5,411	5,621
Iowa	798	2,164	2,505	3,388	3,550	3,867	4,027	4,190	4,418	4,795	4,970	5,070	5,240	5,481
Kansas	699	1,963	2,307	3,469	3,573	3,724	4,014	4,290	4,434	4,554	4,926	5,081	5,222	5,374
Kentucky	502	1,557	1,637	2,229	2,463	2,710	3,009	3,384	3,897	4,194	4,310	4,505	4,545	4,807
Louisiana	589	1,629	2,273	2,960	2,843	2,886	3,138	3,625	3,853	4,014	4,010	4,133	4,356	4,447
Maine	649	1,692	1,804	3,341	3,591	3,965	4,330	4,903	4,978	5,182	5,624	5,569	6,029	6,151
Maryland	809	2,293	2,581	3,923	4,211	4,575	5,088	5,573	5,930	5,926	6,060	6,191	6,427	6,593
Massachusetts	791	2,548	2,735	4,031	4,490	4,965	5,485	5,766	5,881	5,952	6,141	6,423	6,783	7,033
Michigan	841	2,495	2,892	3,859	4,024	4,350	4,734	5,090	5,394	5,746	5,945	6,138	6,465	6,785
Minnesota	855	2,296	2,519	3,741	3,963	4,132	4,515	4,698	4,946	5,089	5,210	5,342	5,626	5,801
Mississippi	457	1,568	1,503	2,246	2,231	2,416	2,714	2,934	3,007	3,047	3,159	3,410	3,798	3,951
Missouri	596	1,724	1,945	2,864	3,142	3,425	3,839	4,071	4,271	4,284	4,318	4,596	4,866	5,092
Montana	728	2,264	2,449	3,691	3,808	3,878	3,893	4,240	4,706	4,825	4,907	5,043	5,137	5,249
Nebraska	700	2,025	2,243	3,431	3,549	3,712	4,101	4,553	4,735	4,941	5,064	5,310	5,555	5,688
Nevada	706	1,908	1,925	3,196	3,182	3,298	3,562	3,816	4,294	4,546	4,645	4,664	4,730	4,892
New Hampshire	666	1,732	2,036	3,247	3,603	4,080	4,328	4,786	5,152	5,237	5,368	5,433	5,567	5,740
New Jersey	924	2,825	2,928	5,139	5,508	6,059	6,762	7,546	8,166	8,705	8,770	9,075	9,178	9,361
New Mexico	665	1,870	2,066	2,911	3,071	3,190	3,336	3,446	3,757	3,927	3,929	4,106	4,404	4,604
New York	1,194	2,950	3,225	5,221	5,647	6,196	6,655	7,051	7,510	7,482	7,770	8,069	8,311	8,361
North Carolina	570	1,635	1,870	2,754	2,942	3,153	3,594	4,018	4,237	4,246	4,426	4,540	4,703	4,719
North Dakota	662	1,941	2,175	3,200	3,159	3,239	3,635	3,899	3,909	4,150	4,305	4,385	4,482	4,677
Ohio	677	1,894	2,120	3,265	3,409	3,595	4,208	4,531	4,747	5,115	5,110	5,319	5,529	5,669
Oklahoma	554	1,810	2,065	2,939	2,878	2,897	3,159	3,293	3,639	3,857	4,090	4,437	4,533	4,549
Oregon	843	2,412	2,782	3,715	3,888	4,266	4,598	4,864	5,195	5,268	5,585	5,522	5,649	5,790
Pennsylvania	815	2,328	2,595	4,010	4,287	4,603	5,169	5,737	6,048	6,127	6,372	6,443	6,565	6,922
Rhode Island	807	2,340	2,654	4,255	4,516	4,924	5,598	5,908	5,934	6,092	6,501	6,797	7,126	7,304
South Carolina	567	1,597	1,625	2,816	2,966	3,143	3,441	3,769	4,009	4,088	4,200	4,336	4,501	4,779
South Dakota	656	1,781	1,885	2,903	2,935	3,071	3,373	3,511	3,726	3,938	4,109	4,095	4,271	4,220
Tennessee	531	1,523	1,675	2,447	2,649	2,855	3,248	3,405	3,521	3,430	3,671	3,815	4,017	4,172
Texas	551	1,740	1,831	3,079	3,163	3,334	3,582	3,835	4,048	4,246	4,270	4,488	4,779	5,016
Utah	595	1,556	1,710	2,248	2,242	2,302	2,421	2,577	2,767	2,841	2,967	3,206	3,409	3,604
Vermont	790	1,930	2,347	3,840	4,107	4,927	5,196	5,770	6,255	6,243	6,252	6,266	6,367	6,488
Virginia	654	1,824	2,024	3,289	3,533	3,873	4,225	4,690	4,965	4,914	5,067	5,205	5,421	5,528
Washington	853	2,387	2,365	3,605	3,689	3,875	4,059	4,382	4,652	4,899	5,220	5,342	5,477	5,611
West Virginia	621	1,749	1,968	3,255	3,493	3,579	3,580	4,020	4,571	4,696	5,108	5,292	5,663	5,881
Wisconsin	793	2,225	2,452	3,767	4,020	4,296	4,760	5,020	5,382	5,643	5,974	6,126	6,301	6,517
Wyoming	805	2,369	2,758	4,754	4,852	4,742	5,030	5,239	5,310	5,348	5,462	5,534	5,753	5,826
Outlying areas														
American Samoa	—	—	—	—	1,764	1,795	1,897	1,781	2,002	2,018	1,689	1,737	1,983	2,084
Guam	766	—	—	3,016	3,049	2,944	3,624	3,817	4,411	4,676	5,369	5,200	5,016	4,803
Northern Marianas	—	—	—	—	—	3,384	2,651	3,356	4,159	4,580	4,796	4,009	5,340	4,999
Puerto Rico	—	—	1,000	1,227	1,283	1,390	1,557	1,605	1,773	1,879	2,034	2,155	2,417	2,657
Trust Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	3,016	3,994	3,714	4,757	6,043	5,515	5,444	5,265	5,299	5,280	5,378

Table 168.—Current expenditure per pupil in fall enrollment in public elementary and secondary schools, by state: 1969–70 to 1995–96—Continued

State or other area	Constant 1995–96 dollars ¹													
	1969–70	1979–80	1980–81	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	16	17	18	19	20	21	22	23	24	25	26	27	28	29
United States	\$3,072	\$4,156	\$4,115	\$4,940	\$5,114	\$5,237	\$5,491	\$5,649	\$5,655	\$5,615	\$5,593	\$5,629	\$5,679	\$5,689
Alabama	2,093	3,026	3,275	3,423	3,362	3,426	3,849	3,825	3,956	3,817	3,868	4,043	4,221	4,343
Alaska	4,332	8,492	9,821	10,822	9,904	9,442	8,848	9,220	8,655	8,778	8,565	8,411	8,252	8,189
Arizona	2,758	3,712	3,733	4,273	4,773	4,665	4,752	4,523	4,453	4,423	4,432	4,336	4,380	4,476
Arkansas	2,090	2,929	2,826	3,557	3,553	3,696	3,854	3,929	3,993	4,222	4,183	4,240	4,300	4,401
California	3,408	4,431	4,348	5,018	5,239	5,171	5,360	5,479	5,301	5,187	4,996	4,987	4,929	4,937
Colorado	2,806	4,494	4,475	5,205	5,298	5,172	5,291	5,301	5,310	5,192	5,167	4,995	5,185	5,121
Connecticut	3,725	4,313	4,836	6,589	7,154	7,876	8,260	9,081	8,707	8,518	8,299	8,397	8,608	8,430
Delaware	3,409	5,148	4,852	5,984	6,151	6,143	6,321	6,481	6,297	6,259	6,236	6,446	6,679	6,696
District of Columbia	3,873	5,595	5,262	6,634	7,157	7,551	8,781	9,578	9,263	9,393	8,983	9,344	8,516	8,510
Florida	2,792	3,650	3,941	4,628	4,883	5,038	5,367	5,594	5,606	5,389	5,286	5,350	5,362	5,275
Georgia	2,204	2,967	2,818	3,919	4,123	4,261	4,609	4,867	4,813	4,610	4,735	4,828	4,960	5,056
Hawaii	3,239	4,152	4,268	4,977	4,866	4,882	4,897	5,025	5,560	5,659	5,780	5,846	5,749	5,560
Idaho	2,344	3,081	3,097	3,348	3,419	3,342	3,386	3,554	3,699	3,767	3,763	3,834	4,064	4,194
Illinois	3,336	4,460	4,292	4,716	4,919	5,097	5,437	5,501	5,658	5,592	5,753	5,625	5,704	5,519
Indiana	2,704	3,399	3,207	4,190	4,463	4,607	5,014	5,196	5,293	5,309	5,414	5,542	5,559	5,621
Iowa	3,264	4,307	4,468	4,810	4,931	5,157	5,134	5,098	5,097	5,360	5,387	5,357	5,383	5,481
Kansas	2,858	3,906	4,116	4,926	4,963	4,966	5,117	5,220	5,116	5,091	5,339	5,369	5,364	5,374
Kentucky	2,053	3,099	2,920	3,164	3,421	3,615	3,836	4,117	4,497	4,689	4,672	4,760	4,669	4,807
Louisiana	2,411	3,242	4,055	4,203	3,948	3,850	4,000	4,411	4,445	4,488	4,347	4,368	4,475	4,447
Maine	2,655	3,367	3,217	4,744	4,988	5,288	5,520	5,966	5,743	5,793	6,097	5,884	6,193	6,151
Maryland	3,310	4,563	4,603	5,569	5,849	6,101	6,486	6,781	6,841	6,624	6,569	6,541	6,602	6,593
Massachusetts	3,234	5,070	4,878	5,723	6,236	6,622	6,993	7,016	6,785	6,653	6,657	6,786	6,968	7,033
Michigan	3,442	4,966	5,157	5,479	5,590	5,802	6,035	6,193	6,223	6,423	6,444	6,486	6,641	6,785
Minnesota	3,496	4,570	4,493	5,311	5,505	5,511	5,756	5,716	5,706	5,689	5,648	5,644	5,779	5,801
Mississippi	1,868	3,121	2,680	3,189	3,099	3,223	3,459	3,569	3,469	3,407	3,425	3,604	3,901	3,951
Missouri	2,438	3,431	3,470	4,067	4,365	4,568	4,894	4,953	4,928	4,789	4,680	4,856	4,999	5,092
Montana	2,976	4,505	4,368	5,240	5,289	5,172	4,963	5,159	5,430	5,394	5,319	5,328	5,277	5,249
Nebraska	2,862	4,029	4,001	4,871	4,930	4,951	5,228	5,540	5,462	5,524	5,489	5,611	5,706	5,688
Nevada	2,886	3,798	3,433	4,537	4,419	4,399	4,541	4,643	4,954	5,081	5,035	4,928	4,859	4,892
New Hampshire	2,724	3,447	3,632	4,609	5,004	5,442	5,518	5,823	5,943	5,854	5,819	5,741	5,719	5,740
New Jersey	3,778	5,623	5,223	7,296	7,650	8,080	8,621	9,182	9,421	9,731	9,507	9,589	9,428	9,361
New Mexico	2,720	3,722	3,684	4,134	4,265	4,255	4,253	4,193	4,334	4,390	4,259	4,339	4,523	4,604
New York	4,885	5,872	5,751	7,413	7,843	8,264	8,484	8,579	8,665	8,364	8,423	8,526	8,537	8,361
North Carolina	2,333	3,255	3,336	3,911	4,087	4,205	4,582	4,889	4,889	4,746	4,798	4,798	4,831	4,719
North Dakota	2,709	3,864	3,879	4,544	4,387	4,320	4,633	4,744	4,510	4,640	4,666	4,633	4,604	4,677
Ohio	2,767	3,770	3,781	4,635	4,735	4,794	5,365	5,513	5,477	5,718	5,539	5,620	5,679	5,669
Oklahoma	2,265	3,601	3,684	4,173	3,998	3,863	4,028	4,007	4,199	4,312	4,434	4,688	4,656	4,549
Oregon	3,449	4,801	4,962	5,274	5,401	5,689	5,862	5,919	5,993	5,889	6,054	5,835	5,803	5,790
Pennsylvania	3,334	4,634	4,629	5,694	5,954	6,139	6,590	6,981	6,978	6,849	6,907	6,808	6,744	6,922
Rhode Island	3,300	4,658	4,734	6,041	6,273	6,568	7,137	7,189	6,846	6,810	7,047	7,182	7,320	7,304
South Carolina	2,320	3,179	2,898	3,999	4,120	4,191	4,386	4,587	4,626	4,570	4,553	4,581	4,624	4,779
South Dakota	2,684	3,544	3,362	4,122	4,077	4,096	4,299	4,272	4,299	4,402	4,455	4,327	4,387	4,220
Tennessee	2,171	3,031	2,988	3,474	3,679	3,808	4,140	4,143	4,062	3,835	3,979	4,031	4,126	4,172
Texas	2,254	3,462	3,266	4,372	4,394	4,447	4,566	4,666	4,671	4,746	4,628	4,742	4,909	5,016
Utah	2,434	3,097	3,050	3,191	3,114	3,070	3,086	3,136	3,192	3,176	3,216	3,388	3,501	3,604
Vermont	3,229	3,841	4,186	5,451	5,704	6,571	6,624	7,021	7,217	6,979	6,778	6,621	6,540	6,488
Virginia	2,677	3,630	3,611	4,669	4,907	5,166	5,387	5,706	5,728	5,493	5,492	5,500	5,568	5,528
Washington	3,489	4,750	4,217	5,118	5,123	5,168	5,174	5,332	5,367	5,477	5,659	5,644	5,626	5,611
West Virginia	2,541	3,480	3,511	4,621	4,852	4,773	4,564	4,891	5,274	5,250	5,538	5,592	5,818	5,881
Wisconsin	3,244	4,428	4,374	5,348	5,584	5,730	6,068	6,108	6,209	6,308	6,476	6,473	6,472	6,517
Wyoming	3,292	4,715	4,920	6,750	6,739	6,325	6,413	6,375	6,126	5,978	5,921	5,847	5,910	5,826
Outlying areas														
American Samoa	—	—	—	—	2,450	2,394	2,418	2,168	2,309	2,256	1,831	1,836	2,037	2,084
Guam	3,135	—	—	4,282	4,235	3,927	4,620	4,645	5,089	5,227	5,820	5,495	5,152	4,803
Northern Marianas	—	—	—	—	—	4,514	3,380	4,084	4,798	5,120	5,199	4,236	5,485	4,999
Puerto Rico	—	—	1,784	1,742	1,783	1,854	1,985	1,953	2,045	2,101	2,204	2,277	2,483	2,657
Trust Territories	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	4,282	5,547	4,954	6,064	7,353	6,363	6,086	5,708	5,599	5,423	5,378

¹Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school year basis. These data do not reflect differences in inflation rates from state to state.

—Data not available or not applicable.

NOTE—Beginning in 1980–81, expenditures for state administration are excluded. Beginning in 1988–89, survey was expanded and coverage of state expenditures for public school districts was improved.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Schools*, various years; *Statistics of State School Systems*, various years; and Common Core of Data surveys. (This table was prepared February 1999.)

Table 169.—Total and current expenditure per pupil in public elementary and secondary schools: 1919–20 to 1997–98

School year	Expenditure per pupil in average daily attendance				Expenditure per pupil in fall enrollment ¹			
	Unadjusted dollars		Constant 1997–98 ² dollars		Unadjusted dollars		Constant 1997–98 dollars ²	
	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure	Total expenditure	Current expenditure
1	2	3	4	5	6	7	8	9
1919–20	\$64	\$53	\$543	\$453	\$48	\$40	\$406	\$339
1929–30	108	87	1,025	819	90	72	849	678
1931–32	97	81	1,087	910	82	69	920	770
1933–34	76	67	931	824	65	57	791	700
1935–36	88	74	1,035	874	74	63	875	740
1937–38	100	84	1,126	947	86	72	966	813
1939–40	106	88	1,224	1,020	92	76	1,061	884
1941–42	110	98	1,141	1,020	94	84	977	873
1943–44	125	117	1,157	1,086	105	99	975	915
1945–46	146	136	1,293	1,209	124	116	1,102	1,030
1947–48	205	181	1,422	1,260	179	158	1,242	1,100
1949–50	260	210	1,778	1,437	231	187	1,578	1,275
1951–52	314	246	1,935	1,514	275	215	1,694	1,326
1953–54	351	265	2,111	1,593	312	236	1,877	1,416
1955–56	387	294	2,329	1,770	354	269	2,129	1,618
1957–58	447	341	2,534	1,932	408	311	2,311	1,762
1959–60	471	375	2,593	2,065	440	350	2,422	1,929
1961–62	517	419	2,783	2,255	485	393	2,611	2,116
1963–64	559	460	2,930	2,414	520	428	2,727	2,247
1965–66	654	538	3,314	2,726	607	499	3,077	2,530
1967–68	786	658	3,741	3,131	732	612	3,479	2,912
1969–70	955	816	4,089	3,494	879	751	3,764	3,216
1970–71	1,049	911	4,273	3,710	970	842	3,950	3,430
1971–72	1,128	990	4,433	3,890	1,034	908	4,066	3,568
1972–73	1,211	1,077	4,574	4,069	1,117	993	4,219	3,753
1973–74	1,364	1,207	4,731	4,188	1,244	1,101	4,314	3,819
1974–75	1,545	1,365	4,824	4,261	1,423	1,257	4,444	3,926
1975–76	1,697	1,504	4,950	4,385	1,563	1,385	4,558	4,038
1976–77	1,816	1,638	5,005	4,513	1,674	1,509	4,612	4,158
1977–78	2,002	1,823	5,171	4,707	1,842	1,677	4,756	4,329
1978–79	2,210	2,020	5,218	4,771	2,029	1,855	4,792	4,381
1979–80	2,491	2,272	5,189	4,733	2,290	2,088	4,770	4,351
1980–81	³ 2,742	2,502	³ 5,120	4,671	³ 2,529	2,307	³ 4,723	4,308
1981–82	³ 2,973	2,726	³ 5,110	4,685	³ 2,754	2,525	³ 4,734	4,340
1982–83	³ 3,203	2,955	³ 5,279	4,870	³ 2,966	2,736	³ 4,888	4,509
1983–84	³ 3,471	3,173	³ 5,516	5,043	³ 3,216	2,940	³ 5,110	4,672
1984–85	³ 3,722	3,470	³ 5,692	5,307	³ 3,456	3,222	³ 5,285	4,928
1985–86	³ 4,020	3,756	³ 5,975	5,582	³ 3,724	3,479	³ 5,536	5,172
1986–87	³ 4,308	3,970	³ 6,264	5,773	³ 3,995	3,682	³ 5,809	5,354
1987–88	³ 4,654	4,240	³ 6,498	5,920	³ 4,310	3,927	³ 6,018	5,482
1988–89	5,109	4,645	6,819	6,199	4,738	4,307	6,323	5,748
1989–90	5,550	4,980	7,070	6,343	5,174	4,643	6,591	5,914
1990–91	5,885	5,258	7,108	6,350	5,486	4,902	6,626	5,920
1991–92	6,074	5,421	7,109	6,344	5,629	5,023	6,587	5,879
1992–93	6,281	5,584	7,128	6,337	5,804	5,160	6,587	5,855
1993–94	6,492	5,767	7,181	6,380	5,996	5,327	6,633	5,893
1994–95	6,725	5,989	7,232	6,440	6,208	5,529	6,676	5,945
1995–96	6,961	6,146	7,287	6,434	6,443	5,689	6,745	5,955
1996–97 ³	7,233	6,387	7,362	6,501	6,695	5,911	6,814	6,017
1997–98 ³	7,502	6,624	7,502	6,624	6,943	6,131	6,943	6,131

¹ Data for 1919–20 to 1953–54 are based on school-year enrollment.² Based on the Consumer Price Index, prepared by the Bureau of Labor Statistics, U.S. Department of Labor, adjusted to a school-year basis.³ Estimated.

NOTE.—Beginning in 1980–81, state administration expenditures are excluded from both "total" and "current" expenditures. Beginning in 1988–89, extensive changes were

made in the data collection procedures. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Statistics of State School Systems; Revenues and Expenditures for Public Elementary and Secondary Education*; and Common Core of Data surveys. (This table was prepared July 1998.)

CHAPTER 3

Postsecondary Education

Postsecondary education includes an array of diverse educational experiences, including a wide range of programs offered by American colleges and universities. For example, a community college may offer vocational training or the first 2 years of training at the college level. A university typically offers a full undergraduate course of study leading to a bachelor's degree as well as first-professional and graduate programs leading to advanced degrees. Vocational and technical institutions offer training programs that are designed to prepare students for specific careers. Other types of educational opportunities for adults are provided by community groups, churches, libraries, and businesses.

This chapter provides an overview of the latest statistics on postsecondary education, which includes academic, vocational, and continuing professional education programs after high school. However, to maintain comparability over time, most of the data in the *Digest* are for higher education institutions, which include 2- and 4-year colleges and universities and exclude most vocational and continuing education programs. This chapter highlights historical data that enable the reader to observe long-range trends in American higher education.

Other chapters provide related information on postsecondary education. Data on price indexes and on the number of degrees held by the general population are in chapter 1. Chapter 4 contains tabulations on federal funding for postsecondary education. Information on employment outcomes for college graduates is in chapter 5. Chapter 7 contains data on college libraries and use of computers by young adults. Further information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Enrollment

Higher education enrollment increased by 14 percent between 1976 and 1986. Between 1986 and 1996, enrollment increased at the same rate, from 12.5 million to 14.3 million. There was a slight decline in enrollment in the later part of the period from 1992 to 1995, but it was overshadowed by large increases in the late 1980s. Much of this growth was in female enrollment (table 172). Between 1986 and 1996, the number of men enrolled rose 8 percent,

while the number of women increased by 20 percent. Part-time enrollment rose by 13 percent compared to an increase of 15 percent in full-time enrollment. In addition to the enrollment in accredited 2-year colleges, 4-year colleges, and universities, about 541,000 students attended non degree-granting postsecondary institutions in fall 1996 (table 170).

The number of older students has been growing more rapidly than the number of younger students, though this pattern is beginning to change. Between 1990 and 1996, the enrollment of students under age 25 increased by 2 percent. During the same period, enrollment of persons 25 and over rose by 6 percent. From 1996 to 2000, NCES projects a rise of 6 percent in enrollments of persons under 25 and an increase of 2 percent in the number 25 and over (table 174).

Enrollment trends have differed at the undergraduate, graduate, and first-professional levels. Undergraduate enrollment generally increased during the 1970s, but dipped between 1983 and 1985. From 1985 to 1992, undergraduate enrollment increased each year, rising 18 percent before declining slightly between 1993 and 1996. Graduate enrollment had been steady at about 1.3 million in the late 1970s and early 1980s, but rose about 26 percent between 1985 and 1996. After rising very rapidly during the 1970s, enrollment in first-professional programs stabilized in the 1980s. There was a 9 percent increase in first-professional enrollment between 1985 and 1996 (tables 187, 188, and 189).

Since 1984, the number of women in graduate schools has exceeded the number of men. Between 1986 and 1996, the number of male full-time graduate students increased by 22 percent, compared to 66 percent for full-time women. Among part-time graduate students, the number of men increased by 1 percent compared to a 17 percent increase for women (table 188).

The proportion of American college students who are minorities has been increasing. In 1976, 16 percent were minorities, compared with 26 percent in 1996. Much of the change can be attributed to rising numbers of Hispanic and Asian students. The proportion of Asian and Pacific Islander students rose from 2 percent to 6 percent, and the Hispanic proportion rose from 4 percent to 8 percent during that time

period. The proportion of black students fluctuated during most of the early part of the period, before rising to 11 percent in 1996. These percentages exclude foreign students enrolled in U.S. colleges and universities (table 206).

Despite the sizable numbers of small degree-granting colleges, most students attend the larger colleges and universities. In fall 1996, 41 percent of institutions had fewer than 1,000 students; however, these campuses enrolled only 4 percent of college students. While 10 percent of the campuses enrolled 10,000 or more students, they accounted for 50 percent of total college enrollment (table 215).

Faculty, Staff, and Salaries

The student/staff ratio at colleges and universities dropped from 5.4 in 1976 to 4.9 in 1995. During the same time period, the student/faculty ratio dropped from 16.6 to 15.2. The proportion of administrative staff and other nonteaching professional staff rose from 15 percent in 1976 to 22 percent in 1995, while the proportion of nonprofessional staff declined from 42 percent to 34 percent (table 221).

Approximately 2.7 million people were employed in colleges and universities in the fall of 1995, including 1.7 million professional and .9 million nonprofessional staff. About 43 percent of the staff were faculty or teaching assistants, 6 percent were managerial, 17 percent were other nonteaching professionals, and 34 percent were nonprofessional staff (table 223).

Colleges differ in their practices of employing part-time and full-time staff. In fall 1995, 50 percent of the employees at public 2-year colleges were employed full-time compared with 71 percent at public 4-year colleges and 72 percent at private 4-year colleges. A higher proportion of the faculty at public 4-year colleges were employed full-time (76 percent) than at private 4-year colleges (60 percent) or public 2-year colleges (35 percent) (table 223).

Full-time and part-time faculty and instructional staff also differ by the number and types of students that they teach. In 1992, 67 percent of full-time faculty taught 50 students or more, while only 30 percent of part-time faculty taught that many students. Part-time faculty also taught fewer hours per week. About 46 percent of full-time faculty taught for 10 or more hours per week, compared to 18 percent of part-time faculty. Of the full-time faculty teaching only undergraduate students, 61 percent taught three or more classes, compared to 18 percent of part-time faculty (tables 227 and 228).

The proportion of time that full-time faculty spent teaching was 55 percent in 1992. For the remaining faculty time, research and scholarship accounted for 18 percent of the time; professional growth, 5 percent; administration, 13 percent; outside consulting, 3

percent; service and nonteaching activities, 7 percent (table 227).

About 13 percent of U.S. faculty in colleges and universities were minorities in 1995 (based on a total excluding nonresident aliens and race unknown persons). Five percent of the faculty were black; 4 percent, Asian/Pacific Islanders; 3 percent, Hispanic; and .4 percent, American Indian/Alaskan Native. The majority of college faculty were white males. Fifty-three percent of faculty fell in this category, while 35 percent were white females. About 14 percent of executive, managerial, and administrative staff were minorities in 1995, compared to about 29 percent of the nonprofessional staff. The proportion of minority staff was about the same at public and private institutions, with both types of institutions having 20 percent minority staff (table 226).

The age distribution of full-time faculty was concentrated in the middle age brackets in 1992. Faculty under the age of 30 composed 1 percent of the total, but 36 percent were ages 30 to 44, and 36 percent were 45 to 54 years old. Thirteen percent were 55 to 59; 8 percent, 60 to 64; and 5 percent, 65 or older (table 230).

College faculty generally suffered losses in the purchasing power of their salaries from 1972–73 to 1980–81, when average salaries fell 17 percent after adjustment for inflation. During the 1980s, average salaries rose and recouped most of the losses. Between 1992–93 and 1996–97, there was a slight rise in average faculty salaries, but still remaining slightly below the value for 1972–73. Average salaries for men in 1996–97 (\$54,465) were considerably higher than the average for women (\$44,325), but women's salaries have increased at a slightly faster rate since 1990–91 (table 235).

The proportion of faculty with tenure has remained relatively stable in recent years. About 65 percent of full-time faculty had tenure in 1996–97, but a large difference existed between the proportion of men and women with tenure. Seventy-two percent of men compared with 52 percent of women had tenure in 1996–97. About 68 percent of the faculty at public institutions had tenure, compared with 58 percent of faculty at private institutions (table 240).

Degrees

During the 1996–97 academic year, 4,009 accredited institutions offered degrees at the associate degree level or above. This included 2,267 4-year colleges and 1,742 2-year colleges (table 242). Institutions awarding various higher education degrees in 1995–96 numbered 2,385 for associate degrees, 1,862 for bachelor's degrees, 1,369 for master's degrees, and 488 for doctor's degrees (tables 257).

More people are completing college. Between 1985–86 and 1995–96, the number of associate,

bachelor's, master's, and doctor's degrees rose. Associate degrees increased 24 percent, bachelor's degrees increased 18 percent, master's degrees increased 41 percent, and doctor's degrees increased 33 percent during this period. The number of first-professional degrees was 4 percent higher in 1995–96 than it was in 1985–86. The number of first-professional degrees declined in the mid-1980s before increasing in the first half of the 1990s (table 244).

The total number of bachelor's degrees increased slowly during the early 1980s and more rapidly towards the end of that decade, especially for women. Between 1985–86 and 1995–96, the number of bachelor's degrees awarded to men increased by 8 percent, while those awarded to women rose by 28 percent (table 244).

Of the 1,165,000 bachelor's degrees conferred in 1995–96, the largest numbers of degrees were conferred in the fields of business (227,000), social sciences (126,000), and education (106,000). At the master's degree level, the largest fields were education (106,000) and business (94,000). The largest fields at the doctor's degree level were education (6,700), engineering (6,400), biological sciences (4,800), and physical sciences (4,600) (tables 250, 251, and 252).

The pattern of bachelor's degrees by field of study has shifted significantly in recent years. Declines are significant in some male majority fields such as engineering and computer and information sciences. Engineering and engineering technologies declined 18 percent between 1985–86 and 1990–91, and then posted a further 2 percent decline between 1990–91 and 1995–96. Computer and information sciences grew rapidly during the 1970s and mid 1980s, but dropped 42 percent between 1985–86 and 1995–96 (table 250). Other technical fields have been driven upwards in recent years, in part, by increasing numbers of female graduates. For example, biological science degrees increased 3 percent between 1985–86 and 1990–91, and then rose 54 percent between 1990–91 and 1995–96. During the later period, the number of male graduates grew 49 percent, while the number of female graduates grew 60 percent (table 278). After declining by 29 percent overall between 1985–86 and 1990–91, the number of male graduates in the physical sciences rose 13 percent between 1990–91 and 1995–96. The number of fe-

male graduates in the physical sciences fell by 13 percent in the first period and rose by 37 percent in the second half (table 291). Although the number of male graduates in agriculture and natural resources grew by 53 percent between 1990–91 and 1995–96, the number of female graduates grew 84 percent (table 276).

About half (53 percent) of the students who enrolled in a 4-year college in 1989–90 had completed their degree by spring 1994. About 7 percent of students had completed an associate degree or other certificate below the bachelor's degree, 15 percent of the students were still enrolled toward a bachelor's degree, and 24 percent were no longer working towards a bachelor's degree (table 309).

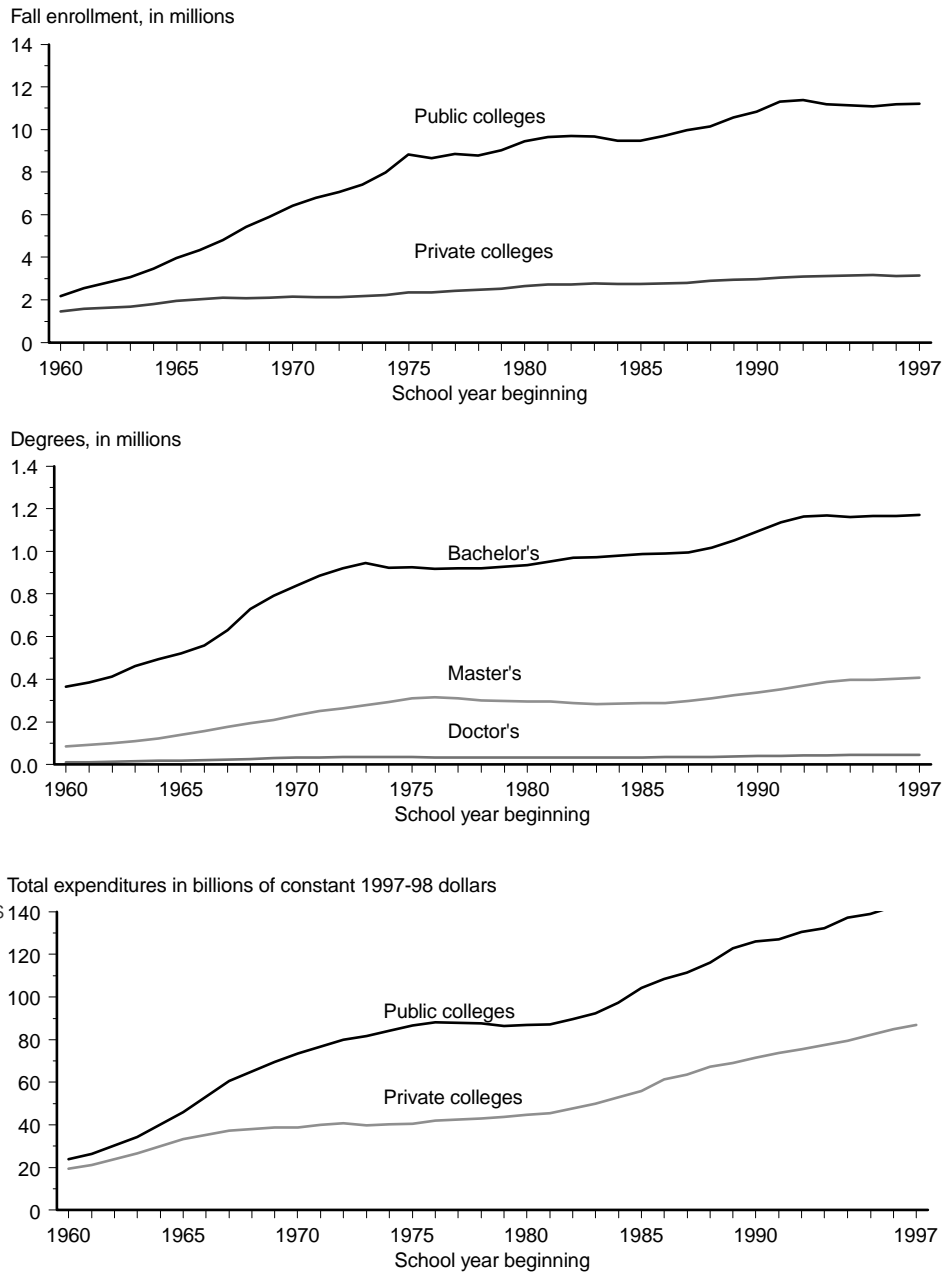
Finances

For the 1997–98 academic year, annual prices for undergraduate tuition, room, and board were estimated to be \$6,788 at public colleges and \$18,745 at private colleges. Between 1987–88 and 1997–98, prices at public colleges have risen by 20 percent, and prices at private colleges have increased by 28 percent, after adjustment for inflation (tables 38 and 311).

Trend data show increases in the expenditures per student at institutions of higher education through the late 1980s and further increases after 1992. After an adjustment for inflation at colleges and universities, current-fund expenditures per student rose about 5 percent between 1985–86 and 1990–91, and another 7 percent between 1990–91 and 1995–96 (table 335).

Scholarships and fellowships have been rising more rapidly than most other types of college expenditures in recent years. At public universities, between 1985–86 and 1995–96, inflation adjusted scholarships and fellowships expenditures per full-time-equivalent student rose 84 percent compared with 9 percent for instruction expenditures per student. At private universities during the same period, scholarships and fellowships costs per student rose 67 percent, and the instruction costs rose by 32 percent (tables 342 and 345). Another rapidly rising expenditure for public colleges during the decade was research, which rose by 29 percent per student at public universities, and by 35 percent at other public 4-year colleges (tables 342 and 343).

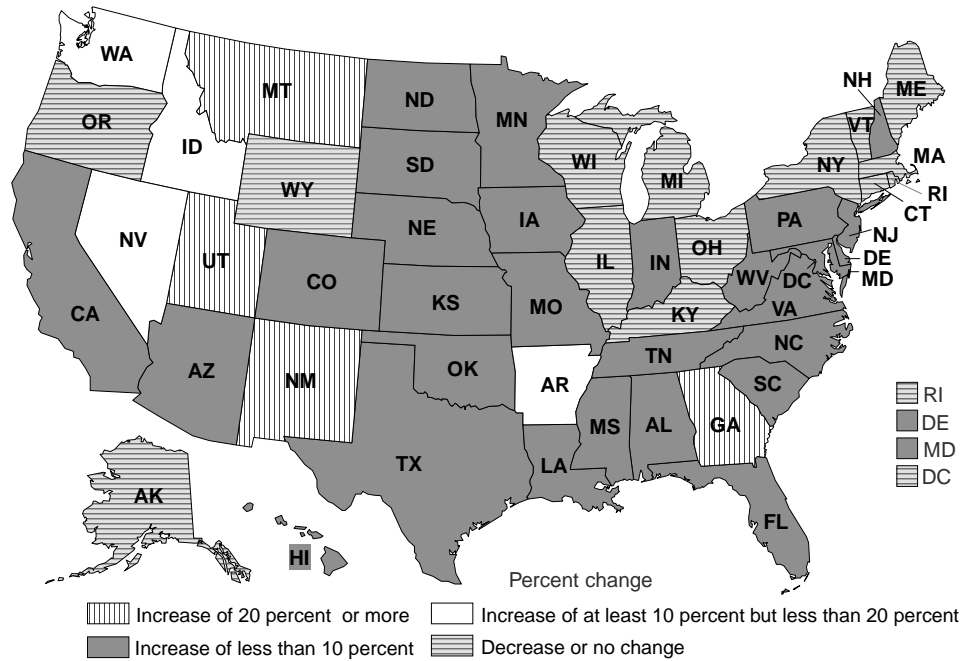
Figure 13.-Enrollment, degrees conferred, and expenditures in institutions of higher education: 1960-61 to 1997-98



NOTE.-Degree and finance data for 1996-97 and 1997-98 and enrollment data for fall 1997 are estimated.

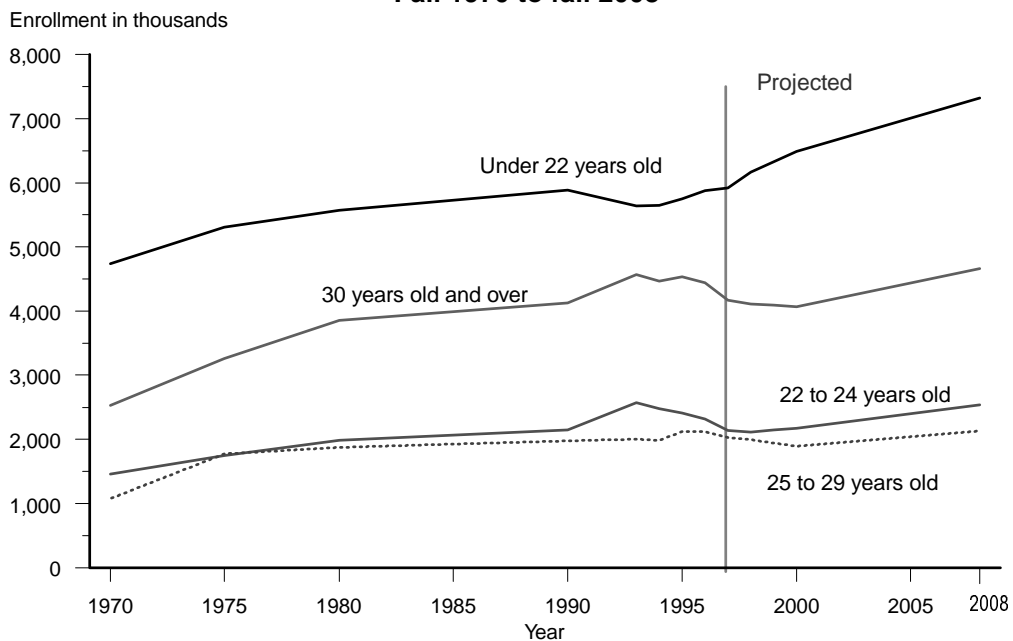
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," and "Finance" surveys.

Figure 14.—Percentage change in total enrollment of institutions of higher education, by state: Fall 1990 to fall 1996



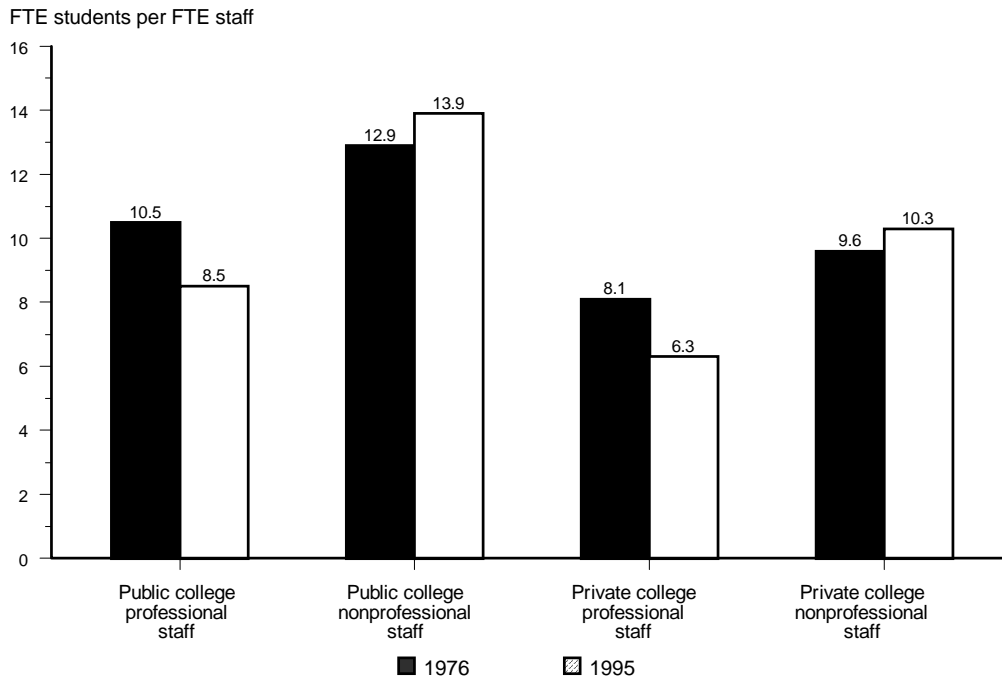
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys.

Figure 15.—Enrollment in institutions of higher education, by age: Fall 1970 to fall 2008



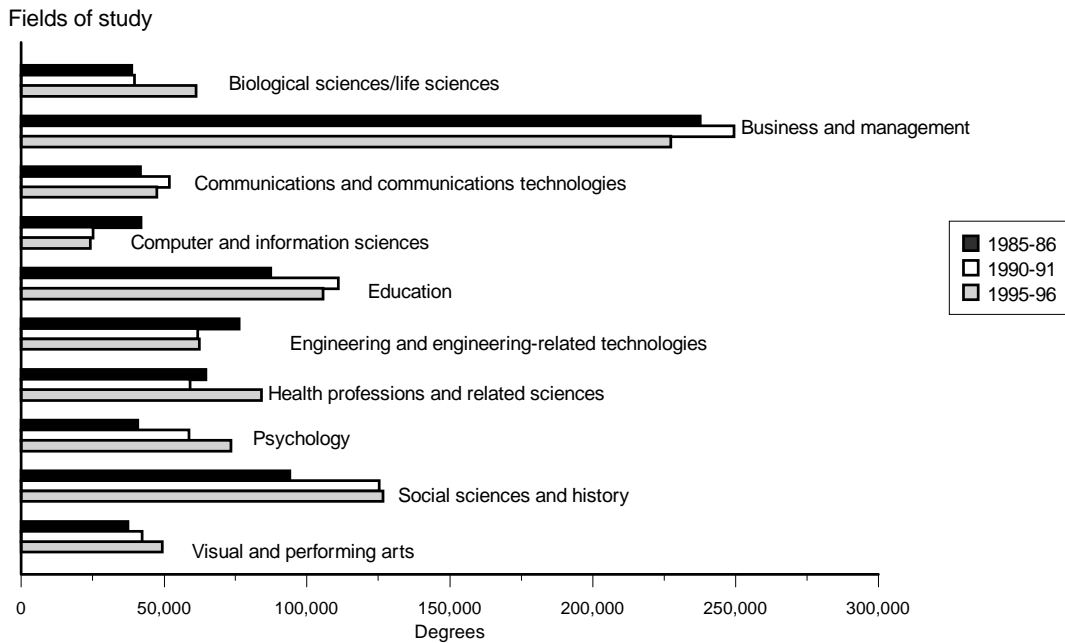
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" survey; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2008*; and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, "Social and Economic Characteristics of Students," various years.

Figure 16.-Full-time-equivalent students per staff member in public and private institutions of higher education: 1976 and 1995



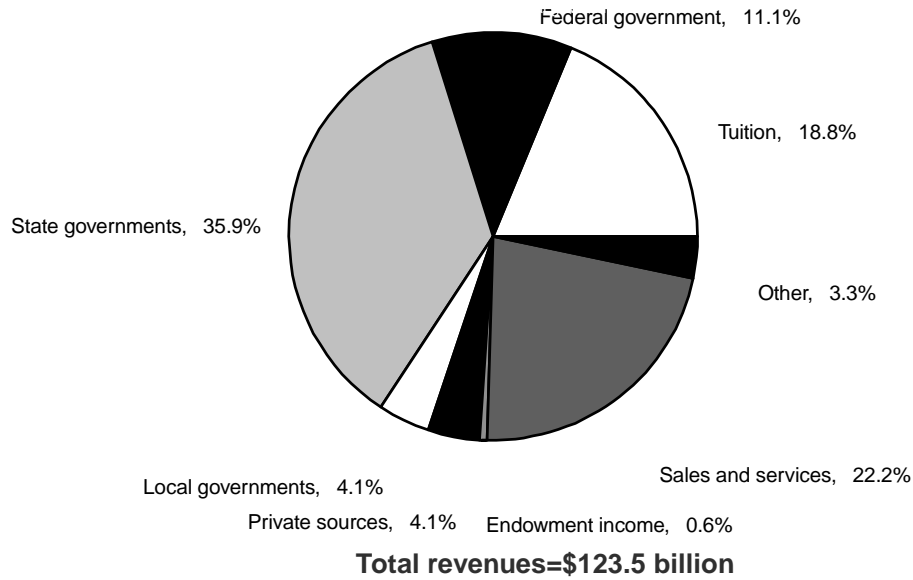
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff" and "Fall Enrollment in Higher Education" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Staff" and "Fall Enrollment" surveys.

Figure 17.-Trends in bachelor's degrees conferred in selected fields of study: 1985-86, 1990-91, and 1995-96



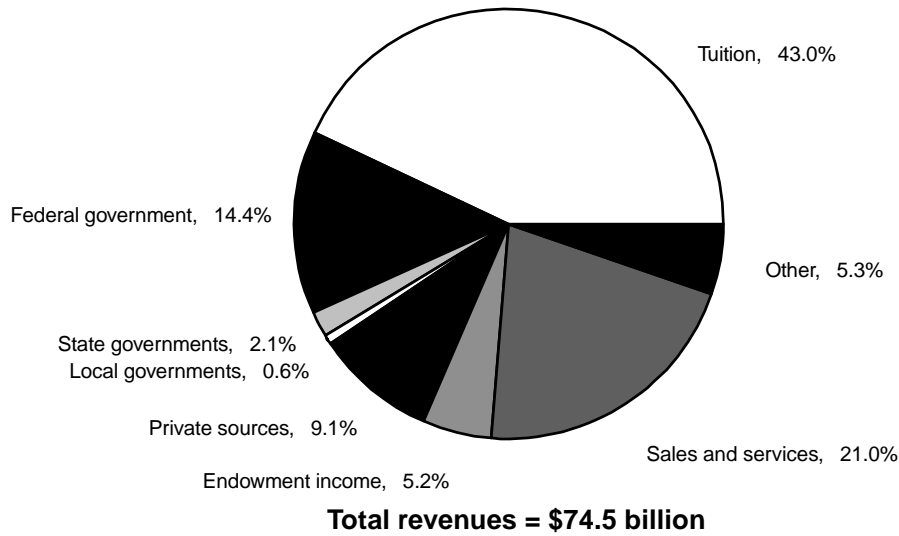
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" survey, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys.

Figure 18.-Sources of current-fund revenue for public institutions of higher education: 1995–96



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance FY96" survey.

Figure 19.-Sources of current-fund revenue for private institutions of higher education: 1995–96



SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, FY96" survey.

Table 170.—Enrollment and staff in, and degrees conferred by, degree-granting and nondegree-granting postsecondary institutions: 1995–96 and fall 1995 and 1996

Level of institution, type of degree, and sex of student	All post-secondary ¹	2-year and 4-year degree-granting institutions ²					Non-degree-granting institutions ³				
		Total	Public	Private			Total	Public	Private		
				Total	Nonprofit	Proprietary			Total	Nonprofit	Proprietary
1	2	3	4	5	6	7	8	9	10	11	12
Enrollment, fall 1996											
Total	14,908,352	14,367,520	11,120,499	3,247,021	2,942,556	304,465	540,832	199,947	340,885	55,750	285,135
4-year institutions	8,829,284	8,804,193	5,806,036	2,998,157	2,867,181	130,976	25,091	1,278	23,813	19,544	4,269
Men	4,009,278	3,993,911	2,646,337	1,347,574	1,275,934	71,640	15,367	632	14,735	11,404	3,331
Women	4,820,006	4,810,282	3,159,699	1,650,583	1,591,247	59,336	9,724	646	9,078	8,140	938
2-year institutions	5,745,842	5,563,327	5,314,463	248,864	75,375	173,489	182,515	114,319	68,196	18,191	50,005
Men	2,439,373	2,358,914	2,256,116	102,798	29,401	73,397	80,459	56,484	23,975	4,713	19,262
Women	3,306,469	3,204,413	3,058,347	146,066	45,974	100,092	102,056	57,835	44,221	13,478	30,743
Less than 2-year	333,226	—	—	—	—	—	333,226	84,350	248,876	18,015	230,861
Men	127,947	—	—	—	—	—	127,947	39,899	88,048	7,310	80,738
Women	205,279	—	—	—	—	—	205,279	44,451	160,828	10,705	150,123
Staff, fall 1995 ⁴											
Total	2,770,704	2,662,075	1,865,930	796,145	769,698	26,447	108,629	31,327	77,302	24,941	52,361
Professional staff	1,831,016	1,744,867	1,230,006	514,861	493,375	21,486	86,149	23,384	62,765	19,004	43,761
Administrative	163,314	147,445	82,396	65,049	62,541	2,508	15,869	2,320	13,549	3,385	10,164
Faculty	988,441	931,706	656,833	274,873	260,900	13,973	56,735	17,597	39,138	12,705	26,433
Faculty assistants	219,218	215,909	181,743	34,166	33,129	1,037	3,309	1,394	1,915	494	1,421
Other professionals	460,043	449,807	309,034	140,773	136,805	3,968	10,236	2,073	8,163	2,420	5,743
Nonprofessional staff	939,688	917,208	635,924	281,284	276,323	4,961	22,480	7,943	14,537	5,937	8,600
Student/staff ratio	5.5	5.4	5.9	4.0	3.8	9.1	7.8	8.9	7.4	7.3	7.4
Degrees conferred, 1995–96											
Less than 1-year awards and 1- to 4-year awards	620,669	240,576	181,340	59,236	13,428	45,808	380,093	126,018	254,075	20,831	233,244
4-year institutions	19,587	19,306	8,728	10,578	7,868	2,710	281	—	281	281	—
Men	9,105	9,039	4,542	4,497	3,049	1,448	66	—	66	66	—
Women	10,482	10,267	4,186	6,081	4,819	1,262	215	—	215	215	—
2-year institutions	328,663	221,270	172,612	48,658	5,560	43,098	107,393	73,433	33,960	7,618	26,342
Men	137,379	94,197	75,546	18,651	2,523	16,128	43,182	33,110	10,072	1,897	8,175
Women	191,284	127,073	97,066	30,007	3,037	26,970	64,211	40,323	23,888	5,721	18,167
Less than 2-year	272,419	—	—	—	—	—	272,419	52,585	219,834	12,932	206,902
Men	92,541	—	—	—	—	—	92,541	23,259	69,282	5,675	63,607
Women	179,878	—	—	—	—	—	179,878	29,326	150,552	7,257	143,295
Associate	557,858	555,216	454,291	100,925	50,678	50,247	2,642	161	2,481	571	1,910
4-year	80,347	79,863	36,170	43,693	31,857	11,836	484	55	429	253	176
Men	34,172	34,003	14,438	19,565	12,046	7,519	169	23	146	92	54
Women	46,175	45,860	21,732	24,128	19,811	4,317	315	32	283	161	122
2-year	477,454	475,353	418,121	57,232	18,821	38,411	2,101	88	2,013	318	1,695
Men	186,321	185,511	162,573	22,938	7,270	15,668	810	51	759	194	565
Women	291,133	289,842	255,548	34,294	11,551	22,743	1,291	37	1,254	124	1,130
Less than 2-year	57	—	—	—	—	—	57	18	39	—	39
Men	23	—	—	—	—	—	23	17	6	—	6
Women	34	—	—	—	—	—	34	1	33	—	33
Bachelor's	1,166,963	1,164,792	774,070	390,722	379,916	10,806	2,171	194	1,977	1,855	122
Men	523,652	522,454	350,446	172,008	165,859	6,149	1,198	97	1,101	1,017	84
Women	643,311	642,338	423,624	218,714	214,057	4,657	973	97	876	838	38
Master's	407,778	406,301	227,179	179,122	175,263	3,859	1,477	—	1,477	1,435	42
Men	180,120	179,081	96,624	82,457	80,397	2,060	1,039	—	1,039	1,006	33
Women	227,658	227,220	130,555	96,665	94,866	1,799	438	—	438	429	9
Doctor's	44,730	44,652	29,516	15,136	14,853	283	78	—	78	55	23
Men	26,903	26,841	17,738	9,103	8,970	133	62	—	62	47	15
Women	17,827	17,811	11,778	6,033	5,883	150	16	—	16	8	8
First-professional	76,998	76,734	29,882	46,852	46,532	320	264	—	264	264	—
Men	44,979	44,748	16,586	28,162	27,981	181	231	—	231	231	—
Women	32,019	31,986	13,296	18,690	18,551	139	33	—	33	33	—

¹ Includes non-degree-granting institutions with non-accredited degree programs.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

³ Preliminary data are for institutions that did not offer accredited 4-year or 2-year degree programs or were not eligible to participate in Title IV federal financial aid programs. Includes some schools with non-accredited degree programs.

⁴ Staff data under degree-granting institutions are for institutions of higher education. Staff data under non-degree granting institutions are for noncollegiate institutions. —Not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Staff," and "Completions" surveys. (This table was prepared December 1998.)

Table 171.—Historical summary of faculty, students, degrees, and finances in institutions of higher education: 1869–70 to 1995–96

Item	1869–70	1879–80	1889–90	1899–1900	1909–10	1919–20	1929–30	1939–40	1949–50	1959–60	1969–70	1979–80	1989–90	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total institutions ¹	563	811	998	977	951	1,041	1,409	1,708	1,851	2,004	2,525	3,152	3,535	3,688	3,706
Total faculty ²	³ 5,553	³ 11,522	³ 15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	⁴ 450,000	⁴ 675,000	⁵ 824,220	^{3,5} 923,000	⁵ 931,706
Men	³ 4,887	³ 7,328	³ 12,704	19,151	29,132	35,807	60,017	106,328	186,189	296,773	⁴ 346,000	⁴ 479,000	⁵ 577,298	—	562,893
Women	³ 666	³ 4,194	³ 3,105	4,717	7,348	12,808	22,369	40,601	60,533	83,781	⁴ 104,000	⁴ 196,000	⁵ 246,922	—	368,813
Total fall enrollment ⁶	³ 52,286	³ 115,817	³ 156,756	237,592	³ 355,213	597,880	1,100,737	1,494,203	2,659,021	3,639,847	8,004,660	11,569,899	13,538,560	14,278,790	14,261,781
Men	³ 41,160	³ 77,972	³ 100,453	152,254	³ 214,648	314,938	619,935	893,250	1,853,068	2,332,617	4,746,201	5,682,877	6,190,015	6,371,898	6,342,539
Women	³ 11,126	³ 37,845	³ 56,303	85,338	³ 140,565	282,942	480,802	600,953	805,953	1,307,230	3,258,459	5,887,022	7,348,545	7,906,892	7,919,242
Earned degrees conferred															
Associate, total	—	—	—	—	—	—	—	—	—	—	206,023	400,910	455,102	539,691	⁷ 555,216
Men	—	—	—	—	—	—	—	—	—	—	117,432	183,737	191,195	218,352	⁷ 219,514
Women	—	—	—	—	—	—	—	—	—	—	88,591	217,173	263,907	321,339	⁷ 335,702
Bachelor's, ⁸ total	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	1,160,134	⁷ 1,164,792
Men	7,993	10,411	12,857	22,173	28,762	31,980	73,615	109,546	328,841	254,063	451,097	473,611	491,696	526,131	⁷ 522,454
Women	1,378	2,485	2,682	5,237	8,437	16,642	48,869	76,954	103,217	138,377	341,219	455,806	559,648	634,003	⁷ 642,338
Master's, ⁹ total	0	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	208,291	298,081	324,301	397,629	⁷ 406,301
Men	0	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	125,624	150,749	153,653	178,598	⁷ 179,081
Women	0	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,667	147,332	170,648	219,031	⁷ 227,220
First-professional, ⁸ total	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	34,918	70,131	70,988	75,800	⁷ 76,734
Men	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	33,077	52,716	43,961	44,853	⁷ 44,748
Women	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	(⁸)	1,841	17,415	27,027	30,947	⁷ 31,986
Doctor's, total	1	54	149	382	443	615	2,299	3,290	6,420	9,829	29,866	32,615	38,371	44,446	⁷ 44,652
Men	1	51	147	359	399	522	1,946	2,861	5,804	8,801	25,890	22,943	24,401	26,916	⁷ 26,841
Women	0	3	2	23	44	93	353	429	616	1,028	3,976	9,672	13,970	17,530	⁷ 17,811
Finances, in thousands															
Current-fund revenue	—	—	—	—	\$76,883	\$199,922	\$554,511	\$715,211	\$2,374,645	\$5,785,537	\$21,515,242	\$58,519,982	\$139,635,477	\$189,120,570	⁷ \$197,973,236
Educational and general income	—	—	\$21,464	\$35,084	67,917	172,929	483,065	571,288	1,833,845	4,688,352	16,486,177	—	—	—	—
Current-fund expenditures	—	—	—	—	—	—	507,142	674,688	2,245,661	5,601,376	21,043,113	56,913,588	134,655,571	182,968,610	⁷ 190,476,163
Educational and general expenditures	—	—	—	—	—	—	377,903	521,990	1,706,444	4,685,258	16,845,212	44,542,843	105,585,076	144,158,002	⁷ 151,445,605
Value of physical property	—	—	95,426	253,599	457,594	747,333	2,065,049	¹⁰ 2,753,780	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000	212,201,113	⁷ 220,400,104
Market value of endowment funds	—	—	¹¹ 78,788	¹¹ 194,998	¹¹ 323,661	¹¹ 569,071	¹¹ 1,372,068	¹¹ 1,686,283	¹¹ 2,601,223	¹¹ 5,322,080	11,206,632	20,743,045	67,978,726	109,706,704	⁷ 128,837,030

¹ Prior to 1979–80, excludes branch campuses.
² Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959–60, data are for the first term of the academic year. Beginning in 1969–70, data include only instructional faculty with the rank of instructor or above.
³ Estimated.
⁴ Estimated number of senior instructional staff. Excludes graduate assistants.
⁵ Because of revised survey procedures, data may not be directly comparable with figures prior to 1989–90.
⁶ Data for 1869–70 to 1949–50 are for resident degree-credit students who enrolled at any time during the academic year.
⁷ Preliminary data for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
⁸ From 1869–70 to 1959–60, first-professional degrees included under bachelor's degrees.

⁹ Figures for years prior to 1969–70 are not precisely comparable with later data.
¹⁰ Includes unexpended plant funds.
¹¹ Book value. Includes other nonexpendable funds.
 —Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States; Education Directory, Colleges and Universities; Faculty and Other Professional Staff in Institutions of Higher Education; Fall Enrollment in Colleges and Universities; Earned Degrees Conferred; Financial Statistics of Institutions of Higher Education*; and Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," and "Finance" surveys. (This table was prepared November 1998.)

Table 172.—Total fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1947 to 1996

Year	Total enrollment	Attendance status		Sex of student		Control of institution			
		Full-time	Part-time	Men	Women	Public	Private		
							Total	Nonprofit	Proprietary
1	2	3	4	5	6	7	8	9	10
Institutions of higher education									
1947 ¹	2,338,226	—	—	1,659,249	678,977	1,152,377	1,185,849	—	—
1948 ¹	2,403,396	—	—	1,709,367	694,029	1,185,588	1,217,808	—	—
1949 ¹	2,444,900	—	—	1,721,572	723,328	1,207,151	1,237,749	—	—
1950 ¹	2,281,298	—	—	1,560,392	720,906	1,139,699	1,141,599	—	—
1951 ¹	2,101,962	—	—	1,390,740	711,222	1,037,938	1,064,024	—	—
1952 ¹	2,134,242	—	—	1,380,357	753,885	1,101,240	1,033,002	—	—
1953 ¹	2,231,054	—	—	1,422,598	808,456	1,185,876	1,045,178	—	—
1954 ¹	2,446,693	—	—	1,563,382	883,311	1,353,531	1,093,162	—	—
1955 ¹	2,653,034	—	—	1,733,184	919,850	1,476,282	1,176,752	—	—
1956 ¹	2,918,212	—	—	1,911,458	1,006,754	1,656,402	1,261,810	—	—
1957	3,323,783	—	—	2,170,765	1,153,018	1,972,673	1,351,110	—	—
1959	3,639,847	2,421,016	² 1,218,831	2,332,617	1,307,230	2,180,982	1,458,865	—	—
1961	4,145,065	2,785,133	² 1,359,932	2,585,821	1,559,244	2,561,447	1,583,618	—	—
1963	4,779,609	3,183,833	² 1,595,776	2,961,540	1,818,069	3,081,279	1,698,330	—	—
1964	5,280,020	3,573,238	² 1,706,782	3,248,713	2,031,307	3,467,708	1,812,312	—	—
1965	5,920,864	4,095,728	² 1,825,136	3,630,020	2,290,844	3,969,596	1,951,268	—	—
1966	6,389,872	4,438,606	² 1,951,266	3,856,216	2,533,656	4,348,917	2,040,955	—	—
1967	6,911,748	4,793,128	² 2,118,620	4,132,800	2,778,948	4,816,028	2,095,720	—	—
1968	7,513,091	5,210,155	2,302,936	4,477,649	3,035,442	5,430,652	2,082,439	—	—
1969	8,004,660	5,498,883	2,505,777	4,746,201	3,258,459	5,896,868	2,107,792	—	—
1970	8,580,887	5,816,290	2,764,597	5,043,642	3,537,245	6,428,134	2,152,753	—	—
1971	8,948,644	6,077,232	2,871,412	5,207,004	3,741,640	6,804,309	2,144,335	—	—
1972	9,214,820	6,072,389	3,142,471	5,238,757	3,976,103	7,070,635	2,144,185	—	—
1973	9,602,123	6,189,493	3,412,630	5,371,052	4,231,071	7,419,516	2,182,607	—	—
1974	10,223,729	6,370,273	3,853,456	5,622,429	4,601,300	7,988,500	2,235,229	—	—
1975	11,184,859	6,841,334	4,343,525	6,148,997	5,035,862	8,834,508	2,350,351	—	—
1976	11,012,137	6,717,058	4,295,079	5,810,828	5,201,309	8,653,477	2,358,660	2,314,298	44,362
1977	11,285,787	6,792,925	4,492,862	5,789,016	5,496,771	8,846,993	2,438,794	2,386,652	52,142
1978	11,260,092	6,667,657	4,592,435	5,640,998	5,619,094	8,785,893	2,474,199	2,408,331	65,868
1979	11,569,899	6,794,039	4,775,860	5,682,877	5,887,022	9,036,822	2,533,077	2,461,773	71,304
1980	12,096,895	7,097,958	4,998,937	5,874,374	6,222,521	9,457,394	2,639,501	2,527,787	³ 111,714
1981	12,371,672	7,181,250	5,190,422	5,975,056	6,396,616	9,647,032	2,724,640	2,572,405	³ 152,235
1982	12,425,780	7,220,618	5,205,162	6,031,384	6,394,396	9,696,087	2,729,693	2,552,739	³ 176,954
1983	12,464,661	7,261,050	5,203,611	6,023,725	6,440,936	9,682,734	2,781,927	2,589,187	192,740
1984	12,241,940	7,098,388	5,143,552	5,863,574	6,378,366	9,477,370	2,764,570	2,574,419	190,151
1985	12,247,055	7,075,221	5,171,834	5,818,450	6,428,605	9,479,273	2,767,782	2,571,791	195,991
1986	12,503,511	7,119,550	5,383,961	5,884,515	6,618,996	9,713,893	2,789,618	2,572,479	⁴ 217,139
1987	12,766,642	7,231,085	5,535,557	5,932,056	6,834,586	9,973,254	2,793,388	2,602,350	⁴ 191,038
1988	13,055,337	7,436,768	5,618,569	6,001,896	7,053,441	10,161,388	2,893,949	2,673,567	220,382
1989	13,538,560	7,660,950	5,877,610	6,190,015	7,348,545	10,577,963	2,960,597	2,731,174	229,423
1990	13,818,637	7,820,985	5,997,652	6,283,909	7,534,728	10,844,717	2,973,920	2,760,227	213,693
1991	14,358,953	8,115,329	6,243,624	6,501,844	7,857,109	11,309,563	3,049,390	2,819,041	230,349
1992	14,487,359	8,162,118	6,325,241	6,523,989	7,963,370	11,384,567	3,102,792	2,872,523	230,269
1993	14,304,803	8,127,618	6,177,185	6,427,450	7,877,353	11,189,088	3,115,715	2,888,897	226,818
1994	14,278,790	8,137,776	6,141,014	6,371,898	7,906,892	11,133,680	3,145,110	2,910,107	235,003
1995	14,261,781	8,128,802	6,132,979	6,342,539	7,919,242	11,092,374	3,169,407	2,929,044	240,363
1996 ⁵	14,300,255	8,213,490	6,086,765	6,343,992	7,956,263	11,090,171	3,210,084	2,940,557	269,527
Degree-granting institutions ⁶									
1996 ⁵	14,367,520	8,302,953	6,064,567	6,352,825	8,014,695	11,120,499	3,247,021	2,942,556	304,465

¹ Degree-credit enrollment only.
² Includes part-time resident students and all extension students.
³ Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.
⁴ Because of imputation techniques, data are not consistent with figures for other years.
⁵ Preliminary data.
⁶ Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.
 —Data not available.

NOTE.—Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 1998.)

Table 173.—Total fall enrollment in institutions of higher education and degree-granting institutions, by control and type of institution: 1965 to 1996

Year	All institutions					Public institutions					Private institutions				
	Total	4-year			2-year	Total	4-year			2-year	Total	4-year			2-year
		Total	University	Other 4-year			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Institutions of higher education															
1965 ¹	5,920,864	4,747,912	—	—	1,172,952	3,969,596	2,928,332	—	—	1,041,264	1,951,268	1,819,580	—	—	131,688
1966 ¹	6,389,872	5,063,902	—	—	1,325,970	4,348,917	3,159,748	—	—	1,189,169	2,040,955	1,904,154	—	—	136,801
1967 ¹	6,911,748	5,398,986	—	—	1,512,762	4,816,028	3,443,975	—	—	1,372,053	2,095,720	1,955,011	—	—	140,709
1968 ¹	7,513,091	5,720,795	—	—	1,792,296	5,430,652	3,784,178	—	—	1,646,474	2,082,439	1,936,617	—	—	145,822
1969	8,004,660	5,937,127	—	—	2,067,533	5,896,868	3,962,522	—	—	1,934,346	2,107,792	1,974,605	—	—	133,187
1970	8,580,887	6,261,502	—	—	2,319,385	6,428,134	4,232,722	—	—	2,195,412	2,152,753	2,028,780	—	—	123,973
1971	8,948,644	6,369,355	—	—	2,579,289	6,804,309	4,346,990	—	—	2,457,319	2,144,335	2,022,365	—	—	121,970
1972	9,214,820	6,458,634	—	—	2,756,186	7,070,635	4,429,696	—	—	2,640,939	2,144,185	2,028,938	—	—	115,247
1973	9,602,123	6,590,023	—	—	3,012,100	7,419,516	4,529,895	—	—	2,889,621	2,182,607	2,060,128	—	—	122,479
1974	10,223,729	6,819,735	—	—	3,403,994	7,988,500	4,703,018	—	—	3,285,482	2,235,229	2,116,717	—	—	118,512
1975	11,184,859	7,214,740	2,838,266	4,376,474	3,970,119	8,834,508	4,998,142	2,124,221	2,873,921	3,836,366	2,350,351	2,216,598	714,045	1,502,553	133,753
1976	11,012,137	7,128,816	2,780,289	4,348,527	3,883,321	8,653,477	4,901,691	2,079,929	2,821,762	3,751,786	2,358,660	2,227,125	700,360	1,526,765	131,535
1977	11,285,787	7,242,845	2,793,418	4,449,427	4,042,942	8,846,993	4,945,224	2,070,032	2,875,192	3,901,769	2,438,794	2,297,621	723,386	1,574,235	141,173
1978	11,260,092	7,231,625	2,780,729	4,451,222	4,028,467	8,785,893	4,912,203	2,062,295	2,849,908	3,873,690	2,474,199	2,319,422	718,434	1,601,314	154,777
1979	11,569,899	7,353,233	2,839,582	4,513,651	4,216,666	9,036,822	4,980,012	2,099,525	2,880,487	4,056,810	2,533,077	2,373,221	740,057	1,633,164	159,856
1980	12,096,895	7,570,608	2,902,014	4,668,594	4,526,287	9,457,394	5,128,612	2,154,283	2,974,329	4,328,782	2,639,501	2,441,996	747,731	1,694,265	² 197,505
1981	12,371,672	7,655,461	2,901,344	4,754,117	4,716,211	9,647,032	5,166,324	2,152,474	3,013,850	4,480,708	2,724,640	2,489,137	748,870	1,740,262	² 235,503
1982	12,425,780	7,654,074	2,883,735	4,770,339	4,771,706	9,696,087	5,176,434	2,152,547	3,023,887	4,519,653	2,729,693	2,477,640	731,188	1,746,452	252,053
1983	12,464,661	7,741,195	2,888,813	4,852,382	4,723,466	9,682,734	5,223,404	2,154,790	3,068,614	4,459,330	2,781,927	2,517,791	734,023	1,783,768	264,136
1984	12,241,940	7,711,167	2,870,329	4,840,838	4,530,773	9,477,370	5,198,273	2,138,621	3,059,652	4,279,097	2,764,570	2,512,894	731,708	1,781,186	251,676
1985	12,247,055	7,715,978	2,870,692	4,845,286	4,531,077	9,479,273	5,209,540	2,141,112	3,068,428	4,269,733	2,767,782	2,506,438	729,580	1,776,858	261,344
1986	12,503,511	7,823,963	2,897,207	4,926,756	4,679,548	9,713,893	5,300,202	2,160,646	3,139,556	4,413,691	2,789,618	2,523,761	736,561	1,787,200	³ 265,857
1987	12,766,642	7,990,420	2,929,327	5,061,093	4,776,222	9,973,254	5,432,200	2,188,008	3,244,192	4,541,054	2,793,388	2,558,220	741,319	1,816,901	³ 235,168
1988	13,055,337	8,180,182	2,978,593	5,201,589	4,875,155	10,161,388	5,545,901	2,229,868	3,316,033	4,615,487	2,893,949	2,634,281	748,725	1,885,556	259,668
1989	13,538,560	8,387,671	3,019,115	5,368,556	5,150,889	10,577,963	5,694,303	2,266,056	3,428,247	4,883,660	2,960,597	2,693,368	753,059	1,940,309	267,229
1990	13,818,637	8,578,554	3,044,670	5,533,884	5,240,083	10,844,717	5,848,242	2,290,464	3,557,778	4,996,475	2,973,920	2,730,312	754,206	1,976,106	243,608
1991	14,358,953	8,707,053	3,065,429	5,641,624	5,651,900	11,309,563	5,904,748	2,301,222	3,603,526	5,404,815	3,049,390	2,802,305	764,207	2,038,098	247,085
1992	14,487,359	8,764,969	3,050,345	5,714,624	5,722,390	11,384,567	5,900,012	2,283,834	3,616,178	5,484,555	3,102,792	2,864,957	766,511	2,098,446	237,835
1993	14,304,803	8,738,936	3,022,728	5,716,208	5,565,867	11,189,088	5,851,760	2,259,692	3,592,068	5,337,328	3,115,715	2,887,176	763,036	2,124,140	228,539
1994	14,278,790	8,749,080	3,009,072	5,740,008	5,529,710	11,133,680	5,825,213	2,244,636	3,580,577	5,308,467	3,145,110	2,923,867	764,436	2,159,431	221,243
1995	14,261,781	8,769,252	2,999,641	5,769,611	5,492,529	11,092,374	5,814,545	2,235,939	3,578,606	5,277,829	3,169,407	2,954,707	763,702	2,191,005	214,700
1996 ⁴	14,300,255	8,802,835	2,984,965	5,817,870	5,497,420	11,090,171	5,806,904	2,226,529	3,580,375	5,283,267	3,210,084	2,995,931	758,436	2,237,495	214,153
Degree-granting institutions ⁵															
1996 ⁴	14,367,520	8,804,193	2,984,965	5,819,228	5,563,327	11,120,499	5,806,036	2,226,529	3,579,507	5,314,463	3,247,021	2,998,157	758,436	2,239,721	248,864

¹Data for 2-year branch campuses of 4-year institutions are included with the 4-year institutions.
²Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.
³Because of imputation techniques, data are not consistent with figures for other years.
⁴Preliminary data.
⁵Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.
—Data not available.

no longer distinguishes between those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared April 1998.)

NOTE.—Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education

**Table 174.—Total fall enrollment in institutions of higher education, by attendance status, sex, and age:
1970 to 2008**
[In thousands]

Sex and age	1970	1975	1980	1990	1993	1994	1995	1996	Projected				
									1997	1998	1999	2000	2008
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Men and women, total	8,581	11,185	12,097	13,819	14,305	14,279	14,262	14,300	14,350	14,590	14,758	14,889	16,083
14 to 17 years old	259	278	247	177	127	138	148	229	187	201	202	209	252
18 and 19 years old	2,600	2,786	2,901	2,950	2,840	2,787	2,894	3,004	3,089	3,247	3,347	3,390	3,842
20 and 21 years old	1,880	2,243	2,424	2,761	2,674	2,724	2,705	2,643	2,644	2,720	2,778	2,890	3,228
22 to 24 years old	1,457	1,753	1,989	2,144	2,570	2,482	2,411	2,316	2,138	2,115	2,150	2,171	2,535
25 to 29 years old	1,074	1,774	1,871	1,982	2,002	1,985	2,120	2,124	2,028	1,994	1,946	1,895	2,130
30 to 34 years old	487	967	1,243	1,322	1,345	1,414	1,236	1,194	1,249	1,247	1,242	1,245	1,236
35 years old and over	823	1,383	1,421	2,484	2,747	2,750	2,747	2,790	3,014	3,066	3,091	3,089	2,861
Men	5,044	6,149	5,874	6,284	6,427	6,372	6,343	6,344	6,239	6,324	6,383	6,442	6,906
14 to 17 years old	130	126	99	87	54	62	61	92	88	98	94	99	110
18 and 19 years old	1,349	1,397	1,375	1,421	1,288	1,302	1,338	1,342	1,374	1,434	1,474	1,492	1,667
20 and 21 years old	1,095	1,245	1,259	1,368	1,284	1,264	1,282	1,224	1,215	1,246	1,271	1,323	1,456
22 to 24 years old	964	1,047	1,064	1,107	1,344	1,238	1,153	1,175	1,038	1,030	1,050	1,063	1,227
25 to 29 years old	783	1,122	993	940	903	936	962	993	954	942	922	899	1,001
30 to 34 years old	308	557	576	537	584	601	561	480	561	555	550	548	523
35 years old and over	415	654	507	824	970	969	986	1,039	1,009	1,019	1,022	1,019	922
Women	3,537	5,036	6,223	7,535	7,877	7,907	7,919	7,956	8,111	8,266	8,375	8,447	9,177
14 to 17 years old	129	152	148	90	73	75	87	137	99	103	108	110	142
18 and 19 years old	1,250	1,389	1,526	1,529	1,552	1,485	1,557	1,662	1,715	1,813	1,872	1,898	2,176
20 and 21 years old	786	998	1,165	1,392	1,391	1,461	1,424	1,419	1,429	1,474	1,507	1,567	1,772
22 to 24 years old	493	706	925	1,037	1,226	1,243	1,258	1,141	1,101	1,085	1,101	1,108	1,307
25 to 29 years old	291	652	878	1,043	1,098	1,049	1,159	1,131	1,075	1,052	1,025	996	1,128
30 to 34 years old	179	410	667	784	761	812	675	714	688	692	693	697	712
35 years old and over	409	729	914	1,659	1,777	1,781	1,760	1,752	2,004	2,047	2,069	2,070	1,939
Full-time	5,816	6,841	7,098	7,821	8,128	8,138	8,129	8,213	8,091	8,280	8,426	8,543	9,562
14 to 17 years old	242	253	223	144	92	118	123	164	160	166	173	176	216
18 and 19 years old	2,406	2,619	2,669	2,548	2,370	2,321	2,387	2,516	2,649	2,799	2,892	2,933	3,341
20 and 21 years old	1,647	1,910	2,075	2,151	2,148	2,178	2,109	2,098	2,112	2,185	2,239	2,334	2,625
22 to 24 years old	881	924	1,121	1,350	1,612	1,551	1,517	1,586	1,344	1,329	1,351	1,363	1,599
25 to 29 years old	407	630	577	770	839	869	908	902	827	803	777	751	845
30 to 34 years old	100	264	251	387	424	440	430	379	404	399	393	389	375
35 years old and over	134	241	182	471	643	660	653	568	595	600	601	597	561
Men	3,505	3,927	3,689	3,808	3,891	3,855	3,807	3,816	3,667	3,718	3,768	3,816	4,182
14 to 17 years old	124	114	87	71	37	51	54	71	77	78	80	80	91
18 and 19 years old	1,265	1,329	1,270	1,230	1,079	1,081	1,091	1,111	1,167	1,223	1,260	1,277	1,427
20 and 21 years old	990	1,074	1,109	1,055	1,003	1,029	999	961	956	984	1,006	1,049	1,155
22 to 24 years old	650	633	665	742	896	811	789	853	679	670	680	687	790
25 to 29 years old	327	445	360	401	443	457	454	440	414	401	387	375	411
30 to 34 years old	72	181	124	156	180	193	183	143	171	166	163	161	149
35 years old and over	75	149	74	152	253	232	238	237	205	197	191	186	159
Women	2,311	2,915	3,409	4,013	4,237	4,283	4,321	4,398	4,424	4,562	4,658	4,727	5,380
14 to 17 years old	117	138	136	73	55	67	69	93	84	88	93	95	125
18 and 19 years old	1,140	1,290	1,399	1,318	1,291	1,240	1,296	1,405	1,482	1,576	1,632	1,657	1,914
20 and 21 years old	657	835	966	1,096	1,145	1,149	1,111	1,137	1,156	1,201	1,233	1,285	1,469
22 to 24 years old	231	291	456	608	716	740	729	734	665	660	671	675	810
25 to 29 years old	80	185	217	369	396	412	455	462	413	402	389	376	434
30 to 34 years old	28	83	127	231	244	247	247	236	234	232	230	228	226
35 years old and over	59	92	108	319	390	428	415	331	390	403	410	411	402
Part-time	2,765	4,344	4,998	5,998	6,177	6,141	6,133	6,087	6,259	6,310	6,332	6,346	6,520
14 to 17 years old	17	42	38	32	35	19	25	65	27	35	29	33	36
18 and 19 years old	194	340	418	402	470	466	507	488	440	448	454	456	501
20 and 21 years old	233	447	441	610	526	546	596	544	533	535	539	557	603
22 to 24 years old	576	717	844	794	958	930	894	729	794	786	799	808	935
25 to 29 years old	668	1,032	1,209	1,213	1,163	1,116	1,212	1,222	1,201	1,191	1,170	1,144	1,285
30 to 34 years old	388	670	905	935	921	973	805	815	845	849	850	856	860
35 years old and over	689	1,098	1,145	2,012	2,104	2,091	2,093	2,222	2,419	2,466	2,490	2,491	2,300
Men	1,540	2,222	2,185	2,476	2,537	2,517	2,535	2,528	2,572	2,606	2,615	2,626	2,724
14 to 17 years old	5	18	17	16	17	11	7	21	12	20	14	18	19
18 and 19 years old	84	153	202	191	210	220	246	231	207	211	214	215	239
20 and 21 years old	105	219	201	313	281	235	283	263	260	263	265	274	300
22 to 24 years old	314	358	392	365	448	427	365	323	359	360	370	375	438
25 to 29 years old	456	631	594	539	560	479	508	553	540	541	534	524	590
30 to 34 years old	236	361	397	381	404	408	378	337	390	389	387	387	374
35 years old and over	340	486	382	672	717	737	748	801	805	822	831	833	763
Women	1,225	2,121	2,814	3,521	3,640	3,624	3,598	3,558	3,687	3,704	3,717	3,720	3,797
14 to 17 years old	12	24	20	17	18	8	18	45	15	15	15	15	17
18 and 19 years old	110	188	215	211	261	245	261	257	233	237	240	241	262
20 and 21 years old	128	228	240	297	245	311	313	282	273	273	274	283	303
22 to 24 years old	262	359	452	429	510	504	529	407	436	425	430	433	497
25 to 29 years old	212	401	616	674	702	637	704	669	661	650	636	620	695
30 to 34 years old	151	309	507	554	517	565	427	478	455	460	463	469	487
35 years old and over	349	612	762	1,340	1,386	1,354	1,345	1,421	1,614	1,644	1,659	1,659	1,537

NOTE.—Distributions by age are estimates based on samples of the civilian non-institutional population. Because of rounding, details may not add to totals. Historical numbers may differ from those in previous editions.

and U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, "Social and Economic Characteristics of Students," various years. (This table was prepared September 1998.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Institutions of Higher Education*; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2008*;

Table 175.—Total fall enrollment in institutions of higher education, by level, sex, age, and attendance status of student: 1995

Attendance status and age of student	All levels			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	14,261,781	6,342,539	7,919,242	12,231,719	5,401,130	6,830,589	297,592	173,897	123,695	1,732,470	767,512	964,958
Under 18	285,383	114,735	170,648	284,759	114,456	170,303	77	40	37	547	239	308
18 and 19	2,796,149	1,256,770	1,539,379	2,794,635	1,256,001	1,538,634	352	179	173	1,162	590	572
20 and 21	2,617,440	1,220,653	1,396,787	2,597,107	1,211,777	1,385,330	7,366	3,249	4,117	12,967	5,627	7,340
22 to 24	2,356,678	1,157,227	1,199,451	1,991,784	991,364	1,000,420	107,149	58,389	48,760	257,745	107,474	150,271
25 to 29	2,113,799	1,008,579	1,105,220	1,484,742	690,986	793,756	110,853	68,846	42,007	518,204	248,747	269,457
30 to 34	1,295,176	561,110	734,066	954,866	380,067	574,799	33,729	21,577	12,152	306,581	159,466	147,115
35 to 39	980,171	376,083	604,088	757,416	272,998	484,418	16,661	10,089	6,572	206,094	92,996	113,098
40 to 49	1,234,660	427,681	806,979	910,307	309,117	601,190	15,529	8,496	7,033	308,824	110,068	198,756
50 to 64	356,036	123,342	232,694	269,524	94,144	175,380	3,408	1,696	1,712	83,104	27,502	55,602
65 and over	80,950	33,454	47,496	75,125	30,799	44,326	336	192	144	5,489	2,463	3,026
Age unknown	145,339	62,905	82,434	111,454	49,421	62,033	2,132	1,144	988	31,753	12,340	19,413
Full-time	8,128,802	3,807,392	4,321,410	7,145,268	3,296,610	3,848,658	266,414	155,056	111,358	717,120	355,726	361,394
Under 18	115,479	45,123	70,356	115,193	44,988	70,205	61	30	31	225	105	120
18 and 19	2,395,257	1,072,206	1,323,051	2,394,042	1,071,549	1,322,493	345	176	169	870	481	389
20 and 21	2,088,263	977,094	1,111,169	2,070,547	969,175	1,101,372	7,260	3,199	4,061	10,456	4,720	5,736
22 to 24	1,501,692	771,189	730,503	1,224,186	637,463	586,723	104,110	56,754	47,356	173,396	76,972	96,424
25 to 29	951,825	493,254	458,571	597,685	295,896	301,789	101,168	62,741	38,427	252,972	134,617	118,355
30 to 34	423,324	191,737	231,587	280,133	108,369	171,764	27,121	17,307	9,814	116,070	66,061	50,009
35 to 39	265,514	104,568	160,946	191,114	66,111	125,003	12,180	7,296	4,884	62,220	31,161	31,059
40 to 49	279,755	106,129	173,626	194,854	70,101	124,753	10,284	5,580	4,704	74,617	30,448	44,169
50 to 64	57,402	22,360	35,042	38,184	14,816	23,368	2,068	1,025	1,043	17,150	6,519	10,631
65 and over	6,615	3,282	3,333	5,481	2,679	2,802	236	139	97	898	464	434
Age unknown	43,676	20,450	23,226	33,849	15,463	18,386	1,581	809	772	8,246	4,178	4,068
Part-time	6,132,979	2,535,147	3,597,832	5,086,451	2,104,520	2,981,931	31,178	18,841	12,337	1,015,350	411,786	603,564
Under 18	169,904	69,612	100,292	169,566	69,468	100,098	16	10	6	322	134	188
18 and 19	400,892	184,564	216,328	400,593	184,452	216,141	7	3	4	292	109	183
20 and 21	529,177	243,559	285,618	526,560	242,602	283,958	106	50	56	2,511	907	1,604
22 to 24	854,986	386,038	468,948	767,598	353,901	413,697	3,039	1,635	1,404	84,349	30,502	53,847
25 to 29	1,161,974	515,325	646,649	887,057	395,090	491,967	9,685	6,105	3,580	265,232	114,130	151,102
30 to 34	871,852	369,373	502,479	674,733	271,698	403,035	6,608	4,270	2,338	190,511	93,405	97,106
35 to 39	714,657	271,515	443,142	566,302	206,887	359,415	4,481	2,793	1,688	143,874	61,835	82,039
40 to 49	954,905	321,552	633,353	715,453	239,016	476,437	5,245	2,916	2,329	234,207	79,620	154,587
50 to 64	298,634	100,982	197,652	231,340	79,328	152,012	1,340	671	669	65,954	20,983	44,971
65 and over	74,335	30,172	44,163	69,644	28,120	41,524	100	53	47	4,591	1,999	2,592
Age unknown	101,663	42,455	59,208	77,605	33,958	43,647	551	335	216	23,507	8,162	15,345
Percentage distribution												
All students	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	2.0	1.8	2.2	2.3	2.1	2.5	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
18 and 19	19.6	19.8	19.4	22.8	23.3	22.5	0.1	0.1	0.1	0.1	0.1	0.1
20 and 21	18.4	19.2	17.6	21.2	22.4	20.3	2.5	1.9	3.3	0.7	0.7	0.8
22 to 24	16.5	18.2	15.1	16.3	18.4	14.6	36.0	33.6	39.4	14.9	14.0	15.6
25 to 29	14.8	15.9	14.0	12.1	12.8	11.6	37.2	39.6	34.0	29.9	32.4	27.9
30 to 34	9.1	8.8	9.3	7.8	7.0	8.4	11.3	12.4	9.8	17.7	20.8	15.2
35 to 39	6.9	5.9	7.6	6.2	5.1	7.1	5.6	5.8	5.3	11.9	12.1	11.7
40 to 49	8.7	6.7	10.2	7.4	5.7	8.8	5.2	4.9	5.7	17.8	14.3	20.6
50 to 64	2.5	1.9	2.9	2.2	1.7	2.6	1.1	1.0	1.4	4.8	3.6	5.8
65 and over	0.6	0.5	0.6	0.6	0.6	0.6	0.1	0.1	0.1	0.3	0.3	0.3
Age unknown	1.0	1.0	1.0	0.9	0.9	0.9	0.7	0.7	0.8	1.8	1.6	2.0
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.2	1.6	1.6	1.4	1.8	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
18 and 19	29.5	28.2	30.6	33.5	32.5	34.4	0.1	0.1	0.2	0.1	0.1	0.1
20 and 21	25.7	25.7	25.7	29.0	29.4	28.6	2.7	2.1	3.6	1.5	1.3	1.6
22 to 24	18.5	20.3	16.9	17.1	19.3	15.2	39.1	36.6	42.5	24.2	21.6	26.7
25 to 29	11.7	13.0	10.6	8.4	9.0	7.8	38.0	40.5	34.5	35.3	37.8	32.7
30 to 34	5.2	5.0	5.4	3.9	3.3	4.5	10.2	11.2	8.8	16.2	18.6	13.8
35 to 39	3.3	2.7	3.7	2.7	2.0	3.2	4.6	4.7	4.4	8.7	8.8	8.6
40 to 49	3.4	2.8	4.0	2.7	2.1	3.2	3.9	3.6	4.2	10.4	8.6	12.2
50 to 64	0.7	0.6	0.8	0.5	0.4	0.6	0.8	0.7	0.9	2.4	1.8	2.9
65 and over	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Age unknown	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.7	1.1	1.2	1.1
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	2.8	2.7	2.8	3.3	3.3	3.4	0.1	0.1	(¹)	(¹)	(¹)	(¹)
18 and 19	6.5	7.3	6.0	7.9	8.8	7.2	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
20 and 21	8.6	9.6	7.9	10.4	11.5	9.5	0.3	0.3	0.5	0.2	0.2	0.3
22 to 24	13.9	15.2	13.0	15.1	16.8	13.9	9.7	8.7	11.4	8.3	7.4	8.9
25 to 29	18.9	20.3	18.0	17.4	18.8	16.5	31.1	32.4	29.0	26.1	27.7	25.0
30 to 34	14.2	14.6	14.0	13.3	12.9	13.5	21.2	22.7	19.0	18.8	22.7	16.1
35 to 39	11.7	10.7	12.3	11.1	9.8	12.1	14.4	14.8	13.7	14.2	15.0	13.6
40 to 49	15.6	12.7	17.6	14.1	11.4	16.0	16.8	15.5	18.9	23.1	19.3	25.6
50 to 64	4.9	4.0	5.5	4.5	3.8	5.1	4.3	3.6	5.4	6.5	5.1	7.5
65 and over	1.2	1.2	1.2	1.4	1.3	1.4	0.3	0.3	0.4	0.5	0.5	0.4
Age unknown	1.7	1.7	1.6	1.5	1.6	1.5	1.8	1.8	1.8	2.3	2.0	2.5

¹ Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment, 1995" survey. (This table was prepared January 1997.)

NOTE.—Because of rounding, details may not add to 100.0 percent.

Table 176.—Total fall enrollment in institutions of higher education, by type and control of institution, and age and attendance status of student: 1995

Attendance status and age of student	All institutions			Public institutions			Private institutions		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
All students	14,261,781	8,769,252	5,492,529	11,092,374	5,814,545	5,277,829	3,169,407	2,954,707	214,700
Under 18	285,383	120,128	165,255	232,944	71,696	161,248	52,439	48,432	4,007
18 and 19	2,796,149	1,771,315	1,024,834	2,149,691	1,171,170	978,521	646,458	600,145	46,313
20 and 21	2,617,440	1,803,281	814,159	2,006,878	1,225,544	781,334	610,562	577,737	32,825
22 to 24	2,356,678	1,619,883	736,795	1,888,417	1,183,191	705,226	468,261	436,692	31,569
25 to 29	2,113,799	1,323,542	790,257	1,629,437	872,668	756,769	484,362	450,874	33,488
30 to 34	1,295,176	710,029	585,147	1,009,461	446,471	562,990	285,715	263,558	22,157
35 to 39	980,171	500,210	479,961	769,045	306,134	462,911	211,126	194,076	17,050
40 to 49	1,234,660	650,510	584,150	967,950	401,321	566,629	266,710	249,189	17,521
50 to 64	356,036	159,542	196,494	286,672	94,425	192,247	69,364	65,117	4,247
65 and over	80,950	19,877	61,073	74,103	13,424	60,679	6,847	6,453	394
Age unknown	145,339	90,935	54,404	77,776	28,501	49,275	67,563	62,434	5,129
Full-time	8,128,802	6,151,755	1,977,047	5,925,301	4,084,711	1,840,590	2,203,501	2,067,044	136,457
Under 18	115,479	74,749	40,730	80,738	42,529	38,209	34,741	32,220	2,521
18 and 19	2,395,257	1,697,545	697,712	1,766,874	1,111,423	655,451	628,383	586,122	42,261
20 and 21	2,088,263	1,665,857	422,406	1,512,500	1,115,658	396,842	575,763	550,199	25,564
22 to 24	1,501,692	1,243,540	258,152	1,136,955	899,614	237,341	364,737	343,926	20,811
25 to 29	951,825	741,706	210,119	675,068	483,407	191,661	276,757	258,299	18,458
30 to 34	423,324	296,556	126,768	303,791	187,311	116,480	119,533	109,245	10,288
35 to 39	265,514	174,137	91,377	189,805	105,424	84,381	75,709	68,713	6,996
40 to 49	279,755	185,797	93,958	196,730	109,114	87,616	83,025	76,683	6,342
50 to 64	57,402	36,010	21,392	38,404	18,391	20,013	18,998	17,619	1,379
65 and over	6,615	3,115	3,500	4,637	1,238	3,399	1,978	1,877	101
Age unknown	43,676	32,743	10,933	19,799	10,602	9,197	23,877	22,141	1,736
Part-time	6,132,979	2,617,497	3,515,482	5,167,073	1,729,834	3,437,239	965,906	887,663	78,243
Under 18	169,904	45,379	124,525	152,206	29,167	123,039	17,698	16,212	1,486
18 and 19	400,892	73,770	327,122	382,817	59,747	323,070	18,075	14,023	4,052
20 and 21	529,177	137,424	391,753	494,378	109,886	384,492	34,799	27,538	7,261
22 to 24	854,986	376,343	478,643	751,462	283,577	467,885	103,524	92,766	10,758
25 to 29	1,161,974	581,836	580,138	954,369	389,261	565,108	207,605	192,575	15,030
30 to 34	871,852	413,473	458,379	705,670	259,160	446,510	166,182	154,313	11,869
35 to 39	714,657	326,073	388,584	579,240	200,710	378,530	135,417	125,363	10,054
40 to 49	954,905	464,713	490,192	771,220	292,207	479,013	183,685	172,506	11,179
50 to 64	298,634	123,532	175,102	248,268	76,034	172,234	50,366	47,498	2,868
65 and over	74,335	16,762	57,573	69,466	12,186	57,280	4,869	4,576	293
Age unknown	101,663	58,192	43,471	57,977	17,899	40,078	43,686	40,293	3,393
Percentage distribution									
All students	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	2.0	1.4	3.0	2.1	1.2	3.1	1.7	1.6	1.9
18 and 19	19.6	20.2	18.7	19.4	20.1	18.5	20.4	20.3	21.6
20 and 21	18.4	20.6	14.8	18.1	21.1	14.8	19.3	19.6	15.3
22 to 24	16.5	18.5	13.4	17.0	20.3	13.4	14.8	14.8	14.7
25 to 29	14.8	15.1	14.4	14.7	15.0	14.3	15.3	15.3	15.6
30 to 34	9.1	8.1	10.7	9.1	7.7	10.7	9.0	8.9	10.3
35 to 39	6.9	5.7	8.7	6.9	5.3	8.8	6.7	6.6	7.9
40 to 49	8.7	7.4	10.6	8.7	6.9	10.7	8.4	8.4	8.2
50 to 64	2.5	1.8	3.6	2.6	1.6	3.6	2.2	2.2	2.0
65 and over	0.6	0.2	1.1	0.7	0.2	1.1	0.2	0.2	0.2
Age unknown	1.0	1.0	1.0	0.7	0.5	0.9	2.1	2.1	2.4
Full-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	1.4	1.2	2.1	1.4	1.0	2.1	1.6	1.6	1.8
18 and 19	29.5	27.6	35.3	29.8	27.2	35.6	28.5	28.4	31.0
20 and 21	25.7	27.1	21.4	25.5	27.3	21.6	26.1	26.6	18.7
22 to 24	18.5	20.2	13.1	19.2	22.0	12.9	16.6	16.6	15.3
25 to 29	11.7	12.1	10.6	11.4	11.8	10.4	12.6	12.5	13.5
30 to 34	5.2	4.8	6.4	5.1	4.6	6.3	5.4	5.3	7.5
35 to 39	3.3	2.8	4.6	3.2	2.6	4.6	3.4	3.3	5.1
40 to 49	3.4	3.0	4.8	3.3	2.7	4.8	3.8	3.7	4.6
50 to 64	0.7	0.6	1.1	0.6	0.5	1.1	0.9	0.9	1.0
65 and over	0.1	0.1	0.2	0.1	0.0	0.2	0.1	0.1	0.2
Age unknown	0.5	0.5	0.6	0.3	0.3	0.5	1.1	1.1	1.3
Part-time	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under 18	2.8	1.7	3.5	2.9	1.7	3.6	1.8	1.8	1.9
18 and 19	6.5	2.8	9.3	7.4	3.5	9.4	1.9	1.6	5.2
20 and 21	8.6	5.3	11.1	9.6	6.4	11.2	3.6	3.1	9.3
22 to 24	13.9	14.4	13.6	14.5	16.4	13.6	10.7	10.5	13.7
25 to 29	18.9	22.2	16.5	18.5	22.5	16.4	21.5	21.7	19.2
30 to 34	14.2	15.8	13.0	13.7	15.0	13.0	17.2	17.4	15.2
35 to 39	11.7	12.5	11.1	11.2	11.6	11.0	14.0	14.1	12.8
40 to 49	15.6	17.8	13.9	14.9	16.9	13.9	19.0	19.4	14.3
50 to 64	4.9	4.7	5.0	4.8	4.4	5.0	5.2	5.4	3.7
65 and over	1.2	0.6	1.6	1.3	0.7	1.7	0.5	0.5	0.4
Age unknown	1.7	2.2	1.2	1.1	1.0	1.2	4.5	4.5	4.3

NOTE.—Because of rounding, details may not add to 100.0 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment, 1995" survey. (This table was prepared January 1997.)

Table 177.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level of enrollment, sex, attendance status, and type and control of institution: 1996¹

Attendance status, and type and control of institution	Total			Undergraduate			First-professional			Graduate		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
Higher education institutions												
Total	14,300,255	6,343,992	7,956,263	12,259,417	5,411,058	6,848,359	297,739	172,462	125,277	1,743,099	760,472	982,627
Full-time	8,213,490	3,815,519	4,397,971	7,210,698	3,303,961	3,906,737	266,812	153,983	112,829	735,980	357,575	378,405
Part-time	6,086,765	2,528,473	3,558,292	5,048,719	2,107,097	2,941,622	30,927	18,479	12,448	1,007,119	402,897	604,222
Total 4-year	8,802,835	3,995,901	4,806,934	6,762,544	3,063,089	3,699,455	297,739	172,462	125,277	1,742,552	760,350	982,202
Full-time	6,226,868	2,933,912	3,292,956	5,224,166	2,422,374	2,801,792	266,812	153,983	112,829	735,890	357,555	378,335
Part-time	2,575,967	1,061,989	1,513,978	1,538,378	640,715	897,663	30,927	18,479	12,448	1,006,662	402,795	603,867
Total 2-year	5,497,420	2,348,091	3,149,329	5,496,873	2,347,969	3,148,904	—	—	—	547	122	425
Full-time	1,986,622	881,607	1,105,015	1,986,532	881,587	1,104,945	—	—	—	90	20	70
Part-time	3,510,798	1,466,484	2,044,314	3,510,341	1,466,382	2,043,959	—	—	—	457	102	355
Public, total	11,090,171	4,887,537	6,202,634	9,905,339	4,368,021	5,537,318	116,385	63,608	52,777	1,068,447	455,908	612,539
Full-time	5,964,174	2,767,918	3,196,256	5,410,564	2,490,931	2,919,633	111,395	60,951	50,444	442,215	216,036	226,179
Part-time	5,125,997	2,119,619	3,006,378	4,494,775	1,877,090	2,617,685	4,990	2,657	2,333	626,232	239,872	386,360
Public 4-year	5,806,904	2,646,777	3,160,127	4,622,497	2,127,360	2,495,137	116,385	63,608	52,777	1,068,022	455,809	612,213
Full-time	4,106,094	1,943,086	2,163,008	3,552,484	1,666,099	1,886,385	111,395	60,951	50,444	442,215	216,036	226,179
Part-time	1,700,810	703,691	997,119	1,070,013	461,261	608,752	4,990	2,657	2,333	625,807	239,773	386,034
Public 2-year	5,283,267	2,240,760	3,042,507	5,282,842	2,240,661	3,042,181	—	—	—	425	99	326
Full-time	1,858,080	824,832	1,033,248	1,858,080	824,832	1,033,248	—	—	—	—	—	—
Part-time	3,425,187	1,415,928	2,009,259	3,424,762	1,415,829	2,008,933	—	—	—	425	99	326
Private, total	3,210,084	1,456,455	1,753,629	2,354,078	1,043,037	1,311,041	181,354	108,854	72,500	674,652	304,564	370,088
Full-time	2,249,316	1,047,601	1,201,715	1,800,134	813,030	987,104	155,417	93,032	62,385	293,765	141,539	152,226
Part-time	960,768	408,854	551,914	553,944	230,007	323,937	25,937	15,822	10,115	380,887	163,025	217,862
Private 4-year	2,995,931	1,349,124	1,646,807	2,140,047	935,729	1,204,318	181,354	108,854	72,500	674,530	304,541	369,989
Full-time	2,120,774	990,826	1,129,948	1,671,682	756,275	915,407	155,417	93,032	62,385	293,675	141,519	152,156
Part-time	875,157	358,298	516,859	468,365	179,454	288,911	25,937	15,822	10,115	380,855	163,022	217,833
Private 2-year	214,153	107,331	106,822	214,031	107,308	106,723	—	—	—	122	23	99
Full-time	128,542	56,775	71,767	128,452	56,755	71,697	—	—	—	90	20	70
Part-time	85,611	50,556	35,055	85,579	50,553	35,026	—	—	—	32	3	29
Degree-granting institutions ²												
Total	14,367,520	6,352,825	8,014,695	12,326,948	5,420,672	6,906,276	298,312	172,742	125,570	1,742,260	759,411	982,849
Full-time	8,302,953	3,851,208	4,451,745	7,298,839	3,339,108	3,959,731	267,209	154,107	113,102	736,905	357,993	378,912
Part-time	6,064,567	2,501,617	3,562,950	5,028,109	2,081,564	2,946,545	31,103	18,635	12,468	1,005,355	401,418	603,937
Total 4-year	8,804,193	3,993,911	4,810,282	6,764,168	3,061,880	3,702,288	298,312	172,742	125,570	1,741,713	759,289	982,424
Full-time	6,230,648	2,934,736	3,295,912	5,226,624	2,422,656	2,803,968	267,209	154,107	113,102	736,815	357,973	378,842
Part-time	2,573,545	1,059,175	1,514,370	1,537,544	639,224	898,320	31,103	18,635	12,468	1,004,898	401,316	603,582
Total 2-year	5,563,327	2,358,914	3,204,413	5,562,780	2,358,792	3,203,988	—	—	—	547	122	425
Full-time	2,072,305	916,472	1,155,833	2,072,215	916,452	1,155,763	—	—	—	90	20	70
Part-time	3,491,022	1,442,442	2,048,580	3,490,565	1,442,340	2,048,225	—	—	—	457	102	355
Public, total	11,120,499	4,902,453	6,218,046	9,935,283	4,382,751	5,552,532	116,665	63,742	52,923	1,068,551	455,960	612,591
Full-time	5,978,467	2,776,098	3,202,369	5,424,498	2,498,938	2,925,560	111,650	61,072	50,578	442,319	216,088	226,231
Part-time	5,142,032	2,126,355	3,015,677	4,510,785	1,883,813	2,626,972	5,015	2,670	2,345	626,232	239,872	386,360
Public 4-year	5,806,036	2,646,337	3,159,699	4,621,245	2,126,734	2,494,511	116,665	63,742	52,923	1,068,126	455,861	612,265
Full-time	4,106,453	1,943,259	2,163,194	3,552,484	1,666,099	1,886,385	111,650	61,072	50,578	442,319	216,088	226,231
Part-time	1,699,583	703,078	996,505	1,068,761	460,635	608,126	5,015	2,670	2,345	625,807	239,773	386,034
Public 2-year	5,314,463	2,256,116	3,058,347	5,314,038	2,256,017	3,058,021	—	—	—	425	99	326
Full-time	1,872,014	832,839	1,039,175	1,872,014	832,839	1,039,175	—	—	—	—	—	—
Part-time	3,442,449	1,423,277	2,019,172	3,442,024	1,423,178	2,018,846	—	—	—	425	99	326
Private, total	3,247,021	1,450,372	1,796,649	2,391,665	1,037,921	1,353,744	181,647	109,000	72,647	673,709	303,451	370,258
Full-time	2,324,486	1,075,110	1,249,376	1,874,341	840,170	1,034,171	155,559	93,035	62,524	294,586	141,905	152,681
Part-time	922,535	375,262	547,273	517,324	197,751	319,573	26,088	15,965	10,123	379,123	161,546	217,577
Private 4-year	2,998,157	1,347,574	1,650,583	2,142,923	935,146	1,207,777	181,647	109,000	72,647	673,587	303,428	370,159
Full-time	2,124,195	991,477	1,132,718	1,674,140	756,557	917,583	155,559	93,035	62,524	294,496	141,885	152,611
Part-time	873,962	356,097	517,865	468,783	178,589	290,194	26,088	15,965	10,123	379,091	161,543	217,548
Private 2-year	248,864	102,798	146,066	248,742	102,775	145,967	—	—	—	122	23	99
Full-time	200,291	83,633	116,658	200,201	83,613	116,588	—	—	—	90	20	70
Part-time	48,573	19,165	29,408	48,541	19,162	29,379	—	—	—	32	3	29

¹ Preliminary data.

² Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.
—Not applicable.

NOTE.—Institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between those institu-

tions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 178.—Total fall enrollment in institutions of higher education and degree-granting institutions, by type and control of institution, attendance status, and sex of student: 1970 to 1996

Type and control of institution, sex and attendance status of student	Institutions of higher education											Degree granting institutions, fall 1996 ²
	1970	1975	1980	1985	1990	1991	1992	1993	1994	1995	1996 ¹	
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	8,580,887	11,184,859	12,096,895	12,247,055	13,818,637	14,358,953	14,487,359	14,304,803	14,278,790	14,261,781	14,300,255	14,367,520
Full-time	5,816,290	6,841,334	7,097,958	7,075,221	7,820,985	8,115,329	8,162,118	8,127,618	8,137,776	8,128,802	8,213,490	8,302,953
Men	3,504,095	3,926,753	3,689,244	3,607,720	3,807,752	3,929,375	3,926,905	3,890,571	3,855,183	3,807,392	3,815,519	3,851,208
Women	2,312,195	2,914,581	3,408,714	3,467,501	4,013,233	4,185,954	4,235,213	4,237,047	4,282,593	4,321,410	4,397,971	4,451,745
Part-time	2,764,597	4,343,525	4,998,937	5,171,834	5,997,652	6,243,624	6,325,241	6,177,185	6,141,014	6,132,979	6,086,765	6,064,567
Men	1,539,547	2,222,244	2,185,130	2,210,730	2,476,157	2,572,469	2,597,084	2,536,879	2,516,715	2,535,147	2,528,473	2,501,617
Women	1,225,050	2,121,281	2,813,807	2,961,104	3,521,495	3,671,155	3,728,157	3,640,306	3,624,299	3,597,832	3,558,292	3,562,950
4-year, total	6,261,502	7,214,740	7,570,608	7,715,978	8,578,554	8,707,053	8,764,969	8,738,936	8,749,080	8,769,252	8,802,835	8,804,193
Full-time	4,587,379	5,080,256	5,344,163	5,384,614	5,937,023	6,040,799	6,082,112	6,084,299	6,106,062	6,151,755	6,226,868	6,230,648
Men	2,732,796	2,891,192	2,809,528	2,781,412	2,926,360	2,967,978	2,975,089	2,962,355	2,943,593	2,929,177	2,933,912	2,934,736
Women	1,854,583	2,189,064	2,534,635	2,603,202	3,010,663	3,072,821	3,107,023	3,121,944	3,162,469	3,222,578	3,292,956	3,295,912
Part-time	1,674,123	2,134,484	2,226,445	2,331,364	2,641,531	2,666,254	2,682,857	2,654,637	2,643,018	2,617,497	2,575,967	2,573,545
Men	936,189	1,092,461	1,017,813	1,034,804	1,124,780	1,131,956	1,135,624	1,119,636	1,105,102	1,084,753	1,061,989	1,059,175
Women	737,934	1,042,023	1,208,632	1,296,560	1,516,751	1,534,298	1,547,233	1,535,001	1,537,916	1,532,744	1,513,978	1,514,370
Public 4-year	4,232,722	4,998,142	5,128,612	5,209,540	5,848,242	5,904,748	5,900,012	5,851,760	5,825,213	5,814,545	5,806,904	5,806,036
Full-time	3,086,491	3,469,821	3,592,193	3,623,341	4,033,654	4,088,970	4,095,310	4,074,055	4,065,067	4,084,711	4,106,094	4,106,453
Men	1,813,584	1,947,823	1,873,397	1,863,689	1,982,369	2,005,941	2,005,043	1,989,410	1,965,524	1,981,410	1,943,086	1,943,259
Women	1,272,907	1,521,998	1,718,796	1,759,652	2,051,285	2,083,029	2,090,267	2,084,645	2,099,543	2,133,571	2,163,008	2,163,194
Part-time	1,146,231	1,528,321	1,536,419	1,586,199	1,814,588	1,815,778	1,804,702	1,777,705	1,760,146	1,729,834	1,700,810	1,699,583
Men	609,422	760,469	685,051	693,115	764,248	764,969	760,186	750,409	737,891	720,402	703,691	703,078
Women	536,809	767,852	851,368	893,084	1,050,340	1,050,809	1,044,516	1,027,296	1,022,255	1,009,432	997,119	996,505
Private 4-year	2,028,780	2,216,598	2,441,996	2,506,438	2,730,312	2,802,305	2,864,957	2,887,176	2,923,867	2,954,707	2,995,931	2,998,157
Full-time	1,500,888	1,610,435	1,751,970	1,761,273	1,903,369	1,951,829	1,986,802	2,010,244	2,040,995	2,067,044	2,120,774	2,124,195
Men	919,212	943,369	936,131	917,723	943,991	962,037	970,046	972,945	978,069	978,037	990,826	991,477
Women	581,676	667,066	815,839	843,550	959,378	989,792	1,016,756	1,037,299	1,062,926	1,089,007	1,129,948	1,132,718
Part-time	527,892	606,163	690,026	745,165	826,943	850,476	878,155	876,932	882,872	887,663	875,157	873,962
Men	326,767	331,992	332,762	341,689	360,532	366,987	375,438	369,227	367,211	364,351	358,298	356,097
Women	201,125	274,171	357,264	403,476	466,411	483,489	502,717	507,705	515,661	523,312	516,859	517,865
Nonprofit	—	—	2,413,693	2,463,000	2,671,069	2,729,752	2,789,235	2,802,540	2,824,500	2,853,890	2,871,693	2,867,181
Full-time	—	—	1,733,014	1,727,707	1,859,124	1,896,454	1,930,460	1,946,349	1,962,751	1,989,457	2,024,856	2,021,570
Men	—	—	921,253	894,080	915,100	926,799	934,651	934,792	931,600	931,956	937,078	934,474
Women	—	—	811,761	833,627	944,024	969,655	995,809	1,011,557	1,031,151	1,057,501	1,087,778	1,087,696
Part-time	—	—	680,679	735,293	811,945	833,298	858,775	856,191	861,749	864,433	846,837	845,611
Men	—	—	327,986	336,168	352,106	357,431	364,442	357,705	355,538	351,874	342,826	341,460
Women	—	—	352,693	399,125	459,839	475,867	494,333	498,486	506,211	512,559	504,011	504,151
2-year, total	2,319,385	3,970,119	4,526,287	4,531,077	5,240,083	5,651,900	5,722,390	5,565,867	5,529,710	5,492,529	5,497,420	5,563,327
Full-time	1,228,911	1,761,078	1,753,795	1,690,607	1,883,962	2,074,530	2,080,006	2,043,319	2,031,714	1,977,047	1,986,622	2,072,305
Men	771,299	1,035,561	879,716	826,308	881,392	961,397	951,816	928,216	911,590	878,215	881,607	916,472
Women	457,612	725,517	874,079	864,299	1,002,570	1,113,133	1,128,190	1,115,103	1,120,124	1,098,832	1,105,015	1,155,833
Part-time	1,090,474	2,209,041	2,772,492	2,840,470	3,356,121	3,577,370	3,642,384	3,522,548	3,497,996	3,515,482	3,510,798	3,491,022
Men	603,358	1,129,783	1,167,317	1,175,926	1,351,377	1,440,513	1,461,460	1,417,243	1,411,613	1,450,394	1,466,484	1,442,442
Women	487,116	1,079,258	1,605,175	1,664,544	2,004,744	2,136,857	2,180,924	2,105,305	2,086,383	2,065,088	2,044,314	2,048,580
Public 2-year	2,195,412	3,836,366	4,328,782	4,269,733	4,996,475	5,404,815	5,484,555	5,337,328	5,308,467	5,277,829	5,283,267	5,314,463
Full-time	1,129,165	1,662,621	1,595,493	1,496,905	1,716,843	1,885,607	1,915,565	1,888,507	1,885,753	1,840,590	1,858,080	1,872,014
Men	720,440	988,701	811,871	742,673	810,664	881,576	878,076	858,600	847,702	818,605	824,832	832,839
Women	408,725	673,920	783,622	754,232	906,179	1,004,031	1,037,489	1,029,907	1,038,051	1,021,985	1,033,248	1,039,175
Part-time	1,066,247	2,173,745	2,733,289	2,772,828	3,279,632	3,519,208	3,568,990	3,448,821	3,422,714	3,427,239	3,425,187	3,442,449
Men	589,439	1,107,680	1,152,268	1,138,011	1,317,730	1,413,870	1,431,091	1,386,092	1,378,951	1,417,488	1,415,928	1,423,277
Women	476,808	1,066,065	1,581,021	1,634,817	1,961,902	2,105,338	2,137,899	2,062,729	2,043,763	2,019,751	2,009,259	2,019,172
Private 2-year	123,973	133,753	³ 197,505	261,344	243,608	247,085	237,835	228,539	221,243	214,700	214,153	248,864
Full-time	99,746	98,457	³ 158,302	193,702	167,119	188,923	164,441	154,812	145,961	136,457	128,542	200,291
Men	50,859	46,860	³ 67,845	83,635	70,728	79,821	73,740	69,616	63,888	59,610	56,775	83,633
Women	48,887	51,597	³ 90,457	110,067	96,391	109,102	90,701	85,196	82,073	76,847	71,767	116,658
Part-time	24,227	35,296	³ 39,203	67,642	76,489	58,162	73,394	73,727	75,282	78,243	85,611	48,573
Men	13,919	22,103	³ 15,049	37,915	33,647	26,643	30,369	31,151	32,662	32,906	50,556	19,165
Women	10,308	13,193	³ 24,154	29,727	42,842	31,519	43,025	42,576	42,620	45,337	35,055	29,408
Nonprofit	—	—	114,094	108,791	89,158	89,289	83,288	86,357	85,607	75,154	68,864	75,375
Full-time	—	—	83,009	76,547	62,003	61,521	55,691	60,005	59,021	54,033	50,202	56,434
Men	—	—	34,968	30,878	25,946	25,572	23,272	26,185	25,048	23,265	21,386	24,064
Women	—	—	48,041	45,669	36,057	35,949	32,419	33,820	33,973	30,768	28,816	32,370
Part-time	—	—	31,085	32,244	27,155	27,768	27,597	26,352	26,586	21,121	18,662	18,941
Men	—	—	11,445	10,786	7,970	7,689	7,738	7,649	7,530	6,080	5,227	5,337
Women	—	—	19,640	21,458	19,185	20,079	19,859	18,703	19,056	15,041	13,435	13,604

¹ Preliminary data.

Table 179.—Fall enrollment and number of institutions of higher education, by affiliation¹ of institution: 1980 to 1996

Affiliation	Enrollment									Number of institutions ²			
	Total, fall 1980	Total, fall 1990	Total, fall 1994	Total, fall 1995	Fall 1996 ³					Fall 1980	Fall 1990	Fall 1995	Fall 1996
					Total	Full-time		Part-time					
						Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
All institutions	12,096,895	13,818,637	14,278,790	14,261,781	14,300,255	3,815,519	4,397,971	2,528,473	3,558,292	3,226	3,501	3,545	3,534
Public institutions	9,457,394	10,844,717	11,133,680	11,092,374	11,090,171	2,767,918	3,196,256	2,119,619	3,006,378	1,493	1,548	1,603	1,595
Federal	50,989	50,669	53,548	90,046	83,230	17,180	3,441	52,375	10,234	12	17	14	14
State	(4)	7,181,380	7,869,965	7,842,782	7,905,241	2,279,593	2,611,138	1,228,344	1,786,166	(4)	978	1,123	1,133
Local	(4)	3,508,941	3,064,925	3,023,723	2,980,820	442,188	547,291	816,500	1,174,841	(4)	523	429	410
Other public	9,406,405	103,727	145,242	135,823	120,880	28,957	34,386	22,400	35,137	1,481	30	37	38
Private institutions	2,639,501	2,973,920	3,145,110	3,169,407	3,210,084	1,047,601	1,201,715	408,854	551,914	1,733	1,953	1,942	1,939
Independent nonprofit	1,521,614	1,474,818	1,506,994	1,511,151	1,515,330	513,017	552,813	191,779	257,721	795	709	716	708
Proprietary	111,714	213,693	235,003	240,363	269,527	89,137	85,121	60,801	34,468	164	322	298	303
Religiously affiliated	1,006,173	1,285,409	1,403,113	1,417,893	1,425,227	445,447	563,781	156,274	259,725	774	922	928	928
Advent Christian Church	143	—	—	—	—	—	—	—	—	1	—	—	—
African Methodist Episcopal Zion Church	1,091	88	—	—	—	—	—	—	—	3	1	—	—
African Methodist Episcopal	4,541	3,220	3,799	3,503	5,180	2,152	2,746	113	169	6	5	6	7
American Baptist	6,131	10,800	12,221	11,394	11,532	2,906	3,864	1,555	3,207	11	15	12	12
American Evangelical Lutheran Church	—	—	814	779	822	407	285	55	75	—	—	1	1
American Lutheran and Lutheran Church in America	3,092	—	1,335	1,304	1,234	347	531	155	201	3	—	1	1
American Lutheran	21,608	—	10,163	10,459	10,153	3,817	4,668	412	1,256	13	—	9	9
Assemblies of God Church	7,814	8,307	9,493	9,652	9,860	4,194	4,476	569	621	10	11	13	13
Baptist	38,231	99,510	100,991	105,802	105,251	37,459	45,758	9,317	12,717	33	69	64	64
Brethren Church	3,925	958	1,447	1,456	1,414	589	620	101	104	3	3	3	3
Brethren in Christ Church	1,301	2,239	2,344	2,416	2,517	961	1,465	27	64	1	1	1	1
Christian and Missionary Alliance Church	1,705	2,519	3,386	3,723	3,953	1,465	1,851	272	365	3	4	4	4
Christian Church (Disciples of Christ)	14,913	30,397	32,629	33,029	33,492	6,856	10,283	6,619	9,734	12	18	16	16
Christian Churches and Churches of Christ	1,342	2,263	3,394	3,494	4,616	1,872	1,839	560	345	7	8	11	13
Christian Methodist Episcopal	2,486	2,174	2,456	2,598	1,881	848	949	36	48	4	4	3	2
Christian Reformed Church	5,408	4,488	4,075	4,205	4,308	1,793	2,106	213	196	3	2	2	2
Church of Christ (Scientist)	2,773	2,557	4,222	4,320	4,407	1,729	1,997	438	243	6	8	5	5
Church of God of Prophecy	—	249	—	—	—	—	—	—	—	—	1	—	—
Church of God	6,082	5,627	4,534	4,410	6,913	2,738	3,240	470	465	9	9	7	8
Church of New Jerusalem	170	—	—	—	—	—	—	—	—	1	—	—	—
Church of the Brethren	8,482	4,463	2,870	2,812	2,856	1,025	1,551	112	168	6	5	3	3
Church of the Nazarene	11,716	10,779	14,450	14,466	14,502	5,136	6,764	1,018	1,584	10	9	10	10
Churches of Christ	9,343	14,611	22,495	22,807	23,035	7,828	8,696	3,081	3,430	9	19	15	15
Cumberland Presbyterian	594	746	715	799	823	377	259	72	115	2	2	2	2
Evangelical Congregational Church	80	88	95	65	95	11	1	63	20	1	1	1	1
Evangelical Convent Church of America	1,401	1,035	1,650	1,745	1,815	526	667	198	424	1	1	1	1
Evangelical Free Church of America	833	2,355	3,840	3,778	3,937	1,364	1,128	1,001	444	1	2	4	3
Evangelical Lutheran Church	743	49,210	38,218	39,089	38,666	13,912	19,023	2,143	3,588	3	33	26	26
Free Methodist	5,543	5,902	8,375	8,696	8,713	2,855	4,211	631	1,016	5	3	5	5
Free Will Baptist Church	1,132	1,177	1,312	1,467	1,681	566	597	274	244	4	3	2	2
Friends United Meeting	1,109	—	—	—	—	—	—	—	—	1	—	—	—
Friends	5,157	5,844	6,586	6,600	9,711	3,653	4,742	520	796	5	6	6	7
General Conference Mennonite Church	820	1,243	899	1,046	1,095	504	466	39	86	2	2	1	1
Greek Orthodox	204	148	197	168	179	137	28	10	4	1	1	1	1
Interdenominational	1,254	11,103	6,342	5,571	5,510	2,568	2,133	542	267	4	17	10	8
Jewish	5,738	12,217	13,038	11,481	12,273	10,328	805	742	398	24	63	58	62
Latter-Day Saints	39,172	42,274	40,296	40,086	42,371	18,040	20,774	1,685	1,872	4	4	3	4
Lutheran Church—Missouri Synod	11,727	13,827	10,614	11,315	12,145	4,111	5,420	957	1,657	15	14	8	9
Lutheran Church in America	23,877	5,796	4,338	4,321	4,291	1,560	2,233	139	359	20	5	3	3
Mennonite Brethren Church	1,344	1,864	2,161	2,269	2,225	540	754	302	629	3	3	3	3

Table 179.—Fall enrollment and number of institutions of higher education, by affiliation ¹ of institution: 1980 to 1996—Continued

Affiliation	Enrollment									Number of institutions ²			
	Total, fall 1980	Total, fall 1990	Total, fall 1994	Total, fall 1995	Fall 1996 ³					Fall 1980	Fall 1990	Fall 1995	Fall 1996
					Total	Full-time		Part-time					
						Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Mennonite Church	4,008	2,859	3,462	3,502	3,427	1,226	1,661	215	325	6	5	5	5
Missionary Church Inc.	487	699	1,201	1,352	1,467	350	553	175	389	1	1	1	1
Moravian Church	2,434	2,511	2,741	2,804	2,861	640	1,291	283	647	2	2	2	2
Multiple Protestant Denominations	5,526	211	167	164	7,580	2,095	3,221	1,181	1,083	8	1	1	8
North American Baptist	155	—	170	186	179	75	40	39	25	1	—	1	1
Pentecostal Holiness Church	767	566	968	1,002	1,237	464	484	124	165	3	3	3	4
Presbyterian U.S. and United Presbyterian	47,144	77,700	69,790	70,357	71,034	27,258	33,311	4,038	6,427	57	70	65	64
Presbyterian Church in America	—	1,877	3,745	3,809	2,183	881	804	333	165	—	1	3	3
Protestant Episcopal	5,396	4,559	4,514	4,603	4,593	1,862	2,327	170	234	12	9	11	11
Protestant, other	4,072	38,136	59,870	60,386	54,427	18,227	22,588	5,427	8,185	11	44	67	61
Reformed Church in America	2,713	5,525	5,419	5,582	5,327	2,156	2,860	128	183	4	4	4	4
Reformed Episcopal Church	67	—	—	—	—	—	—	—	—	1	—	—	—
Reformed Presbyterian Church	2,014	1,556	1,767	1,771	1,819	704	758	173	184	4	2	2	2
Reorganized Latter-Day Saints Church	4,274	4,793	10,508	11,063	11,746	2,517	2,469	2,356	4,404	2	1	2	2
Roman Catholic	422,842	530,585	592,119	594,464	594,537	152,823	213,789	77,754	150,171	229	239	249	248
Russian Orthodox	47	38	24	32	36	34	0	2	0	1	1	1	1
Seventh-Day Adventists	19,168	15,771	17,110	17,519	17,744	6,426	7,550	1,355	2,413	11	11	11	11
Southern Baptist	85,281	49,493	45,165	46,042	47,704	14,425	16,109	8,750	8,420	54	29	30	30
Undenominational	—	6,758	17,330	18,729	15,166	4,768	5,885	2,194	2,319	—	14	17	12
Unitarian Universalist	87	82	106	126	131	37	73	10	11	2	2	2	2
United Brethren Church	545	601	635	721	740	297	345	64	34	1	1	1	1
United Church of Christ	14,169	20,175	24,305	24,013	22,612	6,357	9,443	2,213	4,599	16	18	21	20
United Methodist	127,099	148,851	146,935	148,091	148,926	50,579	63,992	13,523	20,832	91	96	90	91
Wesleyan Church	3,583	5,311	7,497	7,734	8,336	2,898	4,635	305	498	5	4	3	3
Wisconsin Evangelical Lutheran Synod	808	931	1,142	1,165	1,218	567	601	19	31	1	3	2	2
Other religiously affiliated	462	5,743	10,629	11,551	6,741	2,607	2,062	1,002	1,070	1	9	14	12

¹ Religious affiliation as reported by institutions of higher education.

² Because data are derived from the "Fall Enrollment" survey, counts of institutions may differ from counts in other tables.

³ Preliminary data.

⁴ Included under "Other public."

—Data not applicable or not reported.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" and "Institutional Characteristics" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared June 1998).

Table 180.—Total fall enrollment in institutions of higher education and degree-granting institutions, by type and control of institution, and attendance status, sex, and level of student: 1994 to 1996

Level of student and enrollment status	Total, fall 1994	Total, fall 1995	1996 ¹					Degree-granting institutions, fall 1996 ²				
			Total	Public 4-year	Private 4-year	Public 2-year	Private 2-year	Total	Public 4-year	Private 4-year	Public 2-year	Private 2-year
1	2	3	4	5	6	7	8	9	10	11	12	13
All students	14,278,790	14,261,781	14,300,255	5,806,904	2,995,931	5,283,267	214,153	14,367,520	5,806,036	2,998,157	5,314,463	248,864
Undergraduate, full-time and part-time	12,262,608	12,231,719	12,259,417	4,622,497	2,140,047	5,282,842	214,031	12,326,948	4,621,245	2,142,923	5,314,038	248,742
Degree seeking	10,728,256	10,621,283	10,608,815	4,413,530	2,042,309	3,997,617	155,359	10,720,738	4,412,278	2,045,246	4,027,863	235,351
Men	4,767,756	4,708,420	4,684,930	2,037,470	896,301	1,685,688	65,471	4,727,637	2,036,844	895,819	1,700,685	94,289
Women	5,960,500	5,912,863	5,923,885	2,376,060	1,146,008	2,311,929	89,888	5,993,101	2,375,434	1,149,427	2,327,178	141,062
First-time freshmen	2,133,205	2,168,831	2,193,429	741,164	425,959	967,971	58,335	2,274,319	741,164	427,442	989,536	116,177
Men	984,558	1,001,052	1,013,616	340,810	194,823	450,816	27,167	1,046,662	340,810	195,302	461,549	49,001
Women	1,148,647	1,167,779	1,179,813	400,354	231,136	517,155	31,168	1,227,657	400,354	232,140	527,987	67,176
Other first-year	2,501,937	2,433,434	2,421,277	496,603	199,410	1,683,824	41,440	2,416,098	496,603	198,757	1,677,072	43,666
Men	1,070,025	1,046,475	1,047,280	233,141	90,265	706,940	16,934	1,044,926	233,141	89,334	704,467	17,984
Women	1,431,912	1,386,959	1,373,997	263,462	109,145	976,884	24,506	1,371,172	263,462	109,423	972,605	25,682
Second year	2,807,591	2,767,344	2,719,130	876,918	442,251	1,344,384	55,577	2,755,714	876,918	443,482	1,359,817	75,497
Men	1,196,982	1,174,985	1,143,568	401,714	193,035	527,455	21,366	1,156,512	401,714	193,306	534,190	27,302
Women	1,610,609	1,592,359	1,575,562	475,204	249,216	816,931	34,211	1,599,202	475,204	250,176	825,627	48,195
Third year	1,410,544	1,394,845	1,397,921	974,210	423,000	704	7	1,398,336	974,210	423,411	704	11
Men	645,805	631,360	626,737	444,118	182,372	243	4	626,649	444,118	182,286	243	2
Women	764,739	763,485	771,184	530,092	240,628	461	3	771,687	530,092	241,125	461	9
Fourth year and beyond	1,722,393	1,714,665	1,728,819	1,260,108	468,082	629	—	1,729,076	1,260,108	468,339	629	—
Men	806,598	795,243	792,455	588,953	203,309	193	—	792,331	588,953	203,185	193	—
Women	915,795	919,422	936,364	671,155	264,773	436	—	936,745	671,155	265,154	436	—
Unclassified by level	152,586	142,164	148,239	64,527	83,607	105	—	147,195	63,275	83,815	105	—
Men	63,788	59,305	61,274	28,734	32,497	43	—	60,557	28,108	32,406	43	—
Women	88,798	82,859	86,965	35,793	51,110	62	—	86,638	35,167	51,409	62	—
Others in credit courses	1,534,352	1,610,436	1,650,602	208,967	97,738	1,285,225	58,672	1,606,210	208,967	97,677	1,286,175	13,391
Men	654,357	692,710	726,128	89,890	39,428	554,973	41,837	693,035	89,890	39,327	555,332	8,486
Women	879,995	917,726	924,474	119,077	58,310	730,252	16,835	913,175	119,077	58,350	730,843	4,905
Full-time	7,168,706	7,145,268	7,210,698	3,552,484	1,671,682	1,858,080	128,452	7,298,839	3,552,484	1,674,140	1,872,014	200,201
Degree seeking	6,903,775	6,883,159	6,949,391	3,520,918	1,655,072	1,649,710	123,691	7,036,393	3,520,918	1,657,702	1,663,403	194,370
First-time freshmen	1,603,106	1,646,812	1,674,178	694,390	400,397	528,297	51,094	1,739,852	694,390	401,408	539,359	104,695
Other first-year	1,165,709	1,136,399	1,151,651	377,242	136,651	607,164	30,594	1,150,715	377,242	136,735	604,014	32,724
Second year	1,695,721	1,688,726	1,681,757	740,635	385,144	513,980	41,998	1,703,436	740,635	386,091	519,761	56,949
Third year	1,138,336	1,126,949	1,136,190	783,225	352,773	187	5	1,136,388	783,225	352,974	187	2
Fourth year and beyond	1,267,625	1,259,327	1,276,595	914,667	361,851	77	—	1,276,754	914,667	362,010	77	—
Unclassified by level	33,278	24,946	29,200	10,759	18,256	5	—	29,248	10,759	18,484	5	—
Others in credit courses	264,931	262,109	261,307	31,566	16,610	208,370	4,761	262,446	31,566	16,438	208,611	5,831
Part-time	5,093,902	5,086,451	5,048,719	1,070,013	468,365	3,424,762	85,579	5,028,109	1,068,761	468,783	3,442,024	48,541
Degree seeking	3,824,481	3,738,124	3,659,424	892,612	387,237	2,347,907	31,668	3,684,345	891,360	387,544	2,364,460	40,981
First-time freshmen	530,099	522,019	519,251	46,774	25,562	439,674	7,241	534,467	46,774	26,034	450,177	11,482
Other first-year	1,336,228	1,297,035	1,269,626	119,361	62,759	1,076,660	10,846	1,265,383	119,361	62,022	1,073,058	10,942
Second year	1,111,870	1,078,618	1,037,373	136,283	57,107	830,440	13,579	1,052,278	136,283	57,391	840,056	18,548
Third year	272,208	267,896	261,731	190,985	70,227	517	2	261,948	190,985	70,437	517	9
Fourth year and beyond	454,768	455,338	452,224	345,441	106,231	552	—	452,322	345,441	106,329	552	—
Unclassified by level	119,308	117,218	119,219	53,768	65,351	100	—	117,947	52,516	65,331	100	—
Others in credit courses	1,269,421	1,348,327	1,389,295	177,401	81,128	1,076,855	53,911	1,343,764	177,401	81,239	1,077,564	7,560
Postbaccalaureate	2,016,182	2,030,062	2,040,838	1,184,407	855,884	425	122	2,040,572	1,184,791	855,234	425	122
First-professional	294,713	297,592	297,739	116,385	181,354	—	—	298,312	116,665	181,647	—	—
Full-time	263,311	266,414	266,812	111,395	155,417	—	—	267,209	111,650	155,559	—	—
First-time	80,286	78,890	77,581	30,590	46,991	—	—	77,695	30,696	46,999	—	—
Other	183,025	187,524	189,231	80,805	108,426	—	—	189,514	80,954	108,560	—	—
Part-time	31,402	31,178	30,927	4,990	25,937	—	—	31,103	5,015	26,088	—	—
First-time	9,872	10,760	9,429	820	8,609	—	—	9,533	845	8,688	—	—
Other	21,530	20,418	21,498	4,170	17,328	—	—	21,570	4,170	17,400	—	—
Graduate students	1,721,469	1,732,470	1,743,099	1,068,022	674,530	425	122	1,742,260	1,068,126	673,587	425	122
Full-time	705,759	717,120	735,980	442,215	293,675	—	90	736,905	442,319	294,496	—	90
Degree seeking	665,966	670,222	688,493	403,791	284,612	—	90	689,883	403,895	285,898	—	90
First-time	224,412	222,196	231,084	126,191	104,863	—	30	232,330	126,247	106,053	—	30
Other degree seeking	441,554	448,026	457,409	277,600	179,749	—	60	457,553	277,648	179,845	—	60
Others in credit courses	39,793	46,898	47,487	38,424	9,063	—	—	47,022	38,424	8,598	—	—
Part-time	1,015,710	1,015,350	1,007,119	625,807	380,855	425	32	1,005,355	625,807	379,091	425	32
Degree seeking	774,962	775,811	773,707	450,850	322,688	137	32	772,760	450,850	321,741	137	32
First-time	147,236	148,220	148,773	76,837	71,927	9	—	147,614	76,837	70,768	9	—
Other degree seeking	627,726	627,591	624,934	374,013	250,761	128	32	625,146	374,013	250,973	128	32
Others in credit courses	240,748	239,539	233,412	174,957	58,167	288	—	232,595	174,957	57,350	288	—

¹ Preliminary data.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not available or not applicable.

NOTE.—Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between

those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 181.—Total first-time freshmen enrolled in institutions of higher education and degree-granting institutions, by sex of student, attendance status, and type and control of institution: Fall 1955 to fall 1996

[In thousands]

Year	Total, all freshmen	Full-time	Part-time	Men			Women			Type of institution, by control			
				Total	Full-time	Part-time	Total	Full-time	Part-time	4-year		2-year	
										Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Institutions of higher education													
1955 ¹	670	—	—	416	—	—	254	—	—	² 283	² 247	² 117	² 23
1956 ¹	718	—	—	443	—	—	275	—	—	² 293	² 262	² 137	² 25
1957 ¹	724	—	—	442	—	—	282	—	—	² 294	² 263	² 141	² 27
1958 ¹	775	—	—	465	—	—	310	—	—	² 328	² 272	² 146	² 29
1959 ¹	822	—	—	488	—	—	334	—	—	² 348	² 292	² 153	² 28
1960 ¹	923	—	—	540	—	—	384	—	—	² 396	² 313	² 182	² 32
1961 ¹	1,018	—	—	592	—	—	426	—	—	² 438	² 336	² 210	² 34
1962 ¹	1,031	—	—	598	—	—	432	—	—	² 445	² 325	² 225	² 36
1963 ¹	1,046	—	—	604	—	—	442	—	—	—	—	—	—
1964 ¹	1,225	—	—	702	—	—	523	—	—	² 539	² 363	² 275	² 47
1965 ¹	1,442	—	—	829	—	—	613	—	—	² 642	² 399	² 348	² 53
1966	1,554	—	—	890	—	—	665	—	—	² 626	² 383	² 478	² 67
1967	1,641	1,336	305	931	761	170	710	574	136	² 645	² 368	² 561	² 67
1968	1,893	1,471	422	1,082	847	235	810	624	187	² 725	² 378	² 718	² 72
1969	1,967	1,525	442	1,118	876	242	849	649	200	² 737	² 393	² 776	² 61
1970	2,063	1,587	476	1,152	896	256	911	691	221	² 754	² 397	² 854	² 58
1971	2,119	1,606	513	1,171	896	275	949	710	238	² 738	² 386	² 937	² 58
1972	2,153	1,574	579	1,158	858	299	995	716	279	680	381	1,037	55
1973	2,226	1,607	619	1,182	867	315	1,044	740	304	699	379	1,089	59
1974	2,366	1,673	692	1,244	896	348	1,122	777	345	746	386	1,176	58
1975	2,515	1,763	752	1,328	942	386	1,187	821	366	772	395	1,284	64
1976	2,347	1,662	685	1,170	855	316	1,177	808	369	717	414	1,153	63
1977	2,394	1,681	714	1,156	840	316	1,239	841	398	737	405	1,186	67
1978	2,390	1,651	739	1,142	817	324	1,248	834	414	737	407	1,174	73
1979	2,503	1,707	796	1,180	840	340	1,323	866	457	760	415	1,254	74
1980	2,588	1,750	838	1,219	862	357	1,369	887	481	765	418	1,314	91
1981	2,595	1,738	858	1,218	852	366	1,378	886	492	754	419	1,318	104
1982	2,505	1,689	817	1,199	837	362	1,306	851	455	731	404	1,254	116
1983	2,444	1,678	766	1,159	825	334	1,285	853	431	728	404	1,190	122
1984	2,357	1,613	744	1,112	786	326	1,245	827	418	714	403	1,130	110
1985	2,292	1,602	690	1,076	775	301	1,216	827	389	717	399	1,060	116
1986	2,219	1,589	630	1,047	769	278	1,173	821	352	720	392	991	³ 117
1987	2,246	1,627	620	1,047	779	267	1,200	847	352	758	405	980	104
1988	2,379	1,699	680	1,100	807	293	1,279	892	387	783	426	1,049	121
1989	2,341	1,657	684	1,095	791	303	1,246	865	381	762	414	1,049	³ 116
1990	2,257	1,617	640	1,045	771	274	1,211	846	366	727	400	1,041	⁴ 88
1991	2,278	1,653	625	1,068	798	270	1,209	855	355	718	393	1,070	⁴ 97
1992	2,184	1,604	580	1,013	760	253	1,171	843	328	697	408	993	⁴ 85
1993	2,161	1,608	552	1,008	762	245	1,153	846	307	702	411	974	⁴ 74
1994	2,133	1,603	530	985	751	233	1,149	852	297	709	406	952	⁴ 66
1995	2,169	1,647	522	1,001	767	234	1,168	880	288	732	419	955	⁴ 63
1996 ⁵	2,193	1,674	519	1,014	779	234	1,180	895	285	741	426	968	⁴ 58
Degree-granting institutions ⁶													
1996 ⁵	2,274	1,740	534	1,047	806	241	1,228	934	294	741	427	990	⁴ 116

¹ Excludes first-time freshmen in occupational programs not creditable towards a bachelor's degree.

² Data for 2-year branches of 4-year college systems are aggregated with the 4-year institutions.

³ Because of imputation techniques, data are not consistent with figures for other years.

⁴ Data not comparable with pre-1990 figures because of a change in reporting procedures.

⁵ Preliminary data.

⁶ Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not available.

NOTE.—Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Alaska and Hawaii are included in all years. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Fall Enrollment in Higher Education*, various years; "Fall Enrollment in Colleges and Universities" survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 182.—Total first-time freshmen enrolled in institutions of higher education, by attendance status, sex, control of institution, and state: Fall 1992 to fall 1996

State or other area	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996 ¹								
					Total	Full-time			Part-time			Public institutions	Private institutions
						Total	Men	Women	Total	Men	Women		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	2,184,113	2,160,710	2,133,205	2,168,831	2,193,429	1,674,178	779,438	894,740	519,251	234,178	285,073	1,709,135	484,294
Alabama	42,604	41,812	41,542	37,166	36,672	31,759	13,890	17,869	4,913	2,215	2,698	32,246	4,426
Alaska	2,584	2,700	1,835	1,880	1,953	1,651	779	872	302	102	200	1,744	209
Arizona	31,358	36,671	32,753	37,049	34,408	23,183	11,424	11,759	11,225	5,034	6,191	30,851	3,557
Arkansas	18,680	17,406	16,378	16,324	16,976	15,173	6,713	8,460	1,803	762	1,041	14,172	2,804
California	252,762	250,810	258,687	272,715	277,656	154,068	72,897	81,171	123,588	58,572	65,016	247,425	30,231
Colorado	33,359	31,353	31,001	32,775	31,775	23,755	11,730	12,025	8,020	3,712	4,308	27,813	3,962
Connecticut	22,490	21,489	21,259	21,268	21,169	16,781	7,930	8,851	4,388	1,740	2,648	12,502	8,667
Delaware	7,227	7,361	6,921	8,092	7,854	6,036	2,544	3,492	1,818	704	1,114	6,577	1,277
District of Columbia	8,427	8,954	9,706	9,077	8,645	7,073	2,802	4,271	1,572	619	953	1,492	7,153
Florida	72,311	71,351	71,318	72,722	74,048	54,540	25,065	29,475	19,508	8,459	11,049	58,192	15,856
Georgia	56,389	59,784	58,991	59,829	59,732	46,509	20,315	26,194	13,223	5,190	8,033	46,706	13,026
Hawaii	9,461	9,752	10,309	9,524	9,079	6,259	2,832	3,427	2,820	1,353	1,467	6,863	2,216
Idaho	10,960	11,069	10,646	10,103	10,664	8,877	4,207	4,670	1,787	725	1,062	7,972	2,692
Illinois	116,967	112,542	111,309	109,483	106,440	73,357	35,147	38,210	33,083	14,904	18,179	82,875	23,565
Indiana	50,147	49,111	48,059	51,071	51,108	43,620	21,239	22,381	7,488	3,109	4,379	37,057	14,051
Iowa	36,730	35,922	35,229	35,097	39,469	30,166	14,796	15,370	9,303	3,651	5,652	31,312	8,157
Kansas	25,453	25,304	24,641	29,083	27,231	20,022	10,013	10,009	7,209	3,082	4,127	24,818	2,413
Kentucky	29,738	31,334	28,983	29,024	28,524	25,192	10,959	14,233	3,332	1,434	1,898	22,434	6,090
Louisiana	31,810	30,160	30,951	31,412	31,710	28,794	12,377	16,417	2,916	1,206	1,710	27,319	4,391
Maine	8,765	8,751	8,149	8,273	8,349	7,410	3,524	3,886	939	352	587	5,391	2,958
Maryland	32,133	31,675	31,647	32,993	33,198	24,494	11,013	13,481	8,704	3,447	5,257	28,191	5,007
Massachusetts	64,751	68,316	65,768	64,892	62,259	54,299	24,669	29,630	7,960	2,900	5,060	27,666	34,593
Michigan	88,744	87,025	83,697	76,360	76,216	56,876	25,923	30,953	19,340	8,396	10,944	61,444	14,772
Minnesota	50,869	43,794	43,783	46,794	51,388	41,481	20,119	21,362	9,907	4,208	5,699	41,083	10,305
Mississippi	25,960	26,223	25,862	26,602	27,669	24,038	11,000	13,038	3,631	1,331	2,300	25,878	1,791
Missouri	39,886	40,868	38,544	39,610	39,105	32,599	14,982	17,617	6,506	2,633	3,873	26,439	12,666
Montana	6,413	6,950	6,819	7,473	7,876	6,637	3,254	3,383	1,239	476	763	7,030	846
Nebraska	17,362	15,943	16,616	16,147	17,136	14,420	6,910	7,510	2,716	1,215	1,501	13,921	3,215
Nevada	4,620	5,367	6,939	6,799	7,254	3,781	1,763	2,018	3,473	1,552	1,921	6,986	268
New Hampshire	11,316	11,659	11,373	11,789	10,894	9,530	4,375	5,155	1,364	483	881	6,126	4,768
New Jersey	44,932	44,971	43,063	45,308	45,907	38,708	18,077	20,631	7,199	3,124	4,075	36,491	9,416
New Mexico	11,818	13,358	13,864	12,104	12,445	7,530	3,607	3,923	4,915	2,151	2,764	11,791	654
New York	158,380	157,350	155,922	151,682	152,071	136,786	62,340	74,446	15,285	6,701	8,584	90,131	61,940
North Carolina	55,075	52,857	51,346	51,706	53,792	46,438	20,661	25,777	7,354	3,548	3,806	40,180	13,612
North Dakota	8,813	8,322	8,122	8,386	8,495	7,677	4,016	3,661	818	354	464	7,546	949
Ohio	92,902	90,190	88,585	89,510	91,001	72,854	33,924	38,930	18,147	8,586	9,561	66,431	24,570
Oklahoma	30,296	30,252	29,627	28,474	28,866	20,399	9,970	10,429	8,467	3,543	4,924	25,832	3,034
Oregon	22,930	23,293	23,321	20,562	22,028	16,806	8,095	8,711	5,222	2,519	2,703	18,304	3,724
Pennsylvania	113,070	100,372	98,488	101,053	102,950	87,395	41,056	46,339	15,555	6,270	9,285	61,792	41,158
Rhode Island	12,813	13,106	12,645	12,745	12,643	10,912	5,155	5,757	1,731	713	1,018	5,637	7,006
South Carolina	30,185	30,070	28,577	29,036	30,719	26,018	11,481	14,537	4,701	1,947	2,754	24,334	6,385
South Dakota	6,513	6,691	6,607	6,378	5,769	5,232	2,398	2,834	537	212	325	4,507	1,262
Tennessee	35,721	35,341	34,180	36,628	36,779	32,800	14,917	17,883	3,979	1,627	2,352	26,218	10,561
Texas	127,584	129,921	127,586	131,905	137,475	100,061	47,113	52,948	37,414	17,048	20,366	118,709	18,766
Utah	23,536	24,465	24,383	24,041	26,075	18,665	8,535	10,130	7,410	3,830	3,580	20,356	5,719
Vermont	6,274	6,347	6,132	6,506	6,265	5,688	2,773	2,915	577	202	375	3,596	2,669
Virginia	45,011	43,820	45,272	46,533	46,922	40,774	18,350	22,424	6,148	2,634	3,514	36,213	10,709
Washington	68,649	70,476	68,613	73,255	75,842	45,405	21,545	23,860	30,437	14,622	15,815	70,427	5,415
West Virginia	17,029	15,727	15,928	15,880	15,655	13,696	6,439	7,257	1,959	776	1,183	13,016	2,639
Wisconsin	47,271	47,351	46,479	49,201	50,172	40,102	18,560	21,542	10,070	4,429	5,641	42,232	7,940
Wyoming	4,686	4,858	4,814	4,626	4,458	3,762	1,832	1,930	696	267	429	4,224	234
U.S. Service Schools	10,349	10,116	9,936	11,286	10,643	4,090	3,403	687	6,553	5,509	1,044	10,643	—
Outlying areas	35,409	41,759	30,573	38,714	36,928	34,035	13,786	20,249	2,893	1,358	1,535	16,998	19,930
American Samoa	989	967	948	943	954	716	368	348	238	133	105	954	—
Federated States of Micronesia	409	235	410	354	417	317	142	175	100	51	49	417	—
Guam	709	1,490	956	478	484	360	144	216	124	62	62	484	—
Marshall Islands	139	166	22	22	121	68	32	36	53	28	25	121	—
Northern Marianas	173	455	440	153	113	72	30	42	41	19	22	113	—
Palau	24	24	13	14	109	103	70	33	6	4	2	109	—
Puerto Rico	32,664	38,057	27,408	36,343	34,397	32,104	12,922	19,182	2,293	1,050	1,243	14,467	19,930
Virgin Islands	302	365	376	407	333	295	78	217	38	11	27	333	—

¹ Preliminary data.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment" surveys. (This table was prepared June 1998.)

Table 183.—College enrollment rates of high school graduates, by race/ethnicity: 1960 to 1997

[Numbers in thousands]

Year	High school graduates ¹				Enrolled in college ²								
	Total	White ³	Black ^{3,4}	Hispanic ⁴	Total		White ³		Black ^{3,4}		Number	Hispanic ⁴	
					Number	Percent	Number	Percent	Number	Percent		Annual	3-year moving average
											6		
1960	1,679	1,565	—	—	758	45.1	717	45.8	—	—	—	—	—
1961	1,763	1,612	—	—	847	48.0	798	49.5	—	—	—	—	—
1962	1,838	1,660	—	—	900	49.0	840	50.6	—	—	—	—	—
1963	1,741	1,615	—	—	784	45.0	736	45.6	—	—	—	—	—
1964	2,145	1,964	—	—	1,037	48.3	967	49.2	—	—	—	—	—
1965	2,659	2,417	—	—	1,354	50.9	1,249	51.7	—	—	—	—	—
1966	2,612	2,403	—	—	1,309	50.1	1,243	51.7	—	—	—	—	—
1967	2,525	2,267	—	—	1,311	51.9	1,202	53.0	—	—	—	—	—
1968	2,606	2,303	—	—	1,444	55.4	1,304	56.6	—	—	—	—	—
1969	2,842	2,538	—	—	1,516	53.3	1,402	55.2	—	—	—	—	—
1970	2,757	2,461	—	—	1,427	51.8	1,280	52.0	—	—	—	—	—
1971	2,872	2,596	—	—	1,535	53.4	1,402	54.0	—	—	—	—	—
1972	2,961	2,614	—	—	1,457	49.2	1,292	49.4	—	—	—	—	—
1973	3,059	2,707	—	—	1,425	46.6	1,302	48.1	—	—	—	—	—
1974	3,101	2,736	—	—	1,474	47.5	1,288	47.1	—	—	—	—	—
1975	3,186	2,825	—	—	1,615	50.7	1,446	51.2	—	—	—	—	—
1976	2,987	2,640	320	152	1,458	48.8	1,291	48.9	134	41.9	80	52.6	—
1977	3,140	2,768	335	156	1,590	50.6	1,403	50.7	166	49.6	80	51.3	48.9
1978	3,161	2,750	352	133	1,584	50.1	1,378	50.1	161	45.7	57	42.9	46.3
1979	3,160	2,776	324	154	1,559	49.3	1,376	49.6	147	45.4	69	44.8	46.8
1980	3,089	2,682	361	129	1,524	49.3	1,339	49.9	151	41.8	68	52.7	49.9
1981	3,053	2,626	359	146	1,646	53.9	1,434	54.6	154	42.9	76	52.1	49.3
1982	3,100	2,644	384	174	1,568	50.6	1,376	52.0	140	36.5	75	43.1	49.8
1983	2,964	2,496	392	138	1,562	52.7	1,372	55.0	151	38.5	75	54.3	47.3
1984	3,012	2,514	438	185	1,662	55.2	1,455	57.9	176	40.2	82	44.3	49.9
1985	2,666	2,241	333	141	1,539	57.7	1,332	59.4	141	42.3	72	51.1	46.6
1986	2,786	2,307	386	169	1,499	53.8	1,292	56.0	141	36.5	75	44.4	43.0
1987	2,647	2,207	337	176	1,503	56.8	1,249	56.6	175	51.9	59	33.5	45.0
1988	2,673	2,187	382	179	1,575	58.9	1,328	60.7	172	45.0	102	57.0	48.6
1989	2,454	2,051	337	168	1,463	59.6	1,238	60.4	178	52.8	93	55.4	53.2
1990	2,355	1,921	341	112	1,410	59.9	1,182	61.5	158	46.3	53	47.3	53.3
1991	2,276	1,867	320	154	1,420	62.4	1,207	64.6	146	45.6	88	57.1	53.1
1992	2,398	1,900	353	199	1,479	61.7	1,204	63.4	169	47.9	109	54.8	58.1
1993	2,338	1,910	302	200	1,464	62.6	1,200	62.8	168	55.6	125	62.5	55.4
1994	2,517	2,065	318	178	1,559	61.9	1,313	63.6	162	50.9	87	48.9	55.1
1995	2,599	2,088	356	288	1,610	61.9	1,308	62.6	183	51.4	155	53.8	51.1
1996	2,660	2,092	416	227	1,729	65.0	1,377	65.8	230	55.3	115	50.7	55.0
1997	2,769	2,228	394	336	1,856	67.0	1,504	67.5	235	59.6	220	65.5	—

¹ Individuals age 16 to 24 who graduated from high school during the preceding 12 months.

² Enrollment in college as of October of each year for individuals age 16 to 24 who graduated from high school during the preceding 12 months.

³ Includes persons of Hispanic origin.

⁴ Due to the small sample size, data are subject to relatively large sampling errors.
—Data not available.

NOTE.—Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school graduates include GED recipients.

SOURCE: American College Testing Program, unpublished tabulations, 1987, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared June 1998.)

Table 184.—College enrollment rates of high school graduates, by sex: 1960 to 1997
[Numbers in thousands]

Year	Total high school graduates ¹			Enrolled in college ²					
	Total	Males	Females	Total		Males		Females	
				Number	Percent	Number	Percent	Number	Percent
1	2	3	4	5	6	7	8	9	10
1960	1,679	756	923	758	45.1	408	54.0	350	37.9
1961	1,763	790	973	847	48.0	445	56.3	402	41.3
1962	1,838	872	966	900	49.0	480	55.0	420	43.5
1963	1,741	794	947	784	45.0	415	52.3	369	39.0
1964	2,145	997	1,148	1,037	48.3	570	57.2	467	40.7
1965	2,659	1,254	1,405	1,354	50.9	718	57.3	636	45.3
1966	2,612	1,207	1,405	1,309	50.1	709	58.7	600	42.7
1967	2,525	1,142	1,383	1,311	51.9	658	57.6	653	47.2
1968	2,606	1,184	1,422	1,444	55.4	748	63.2	696	48.9
1969	2,842	1,352	1,490	1,516	53.3	812	60.1	704	47.2
1970	2,757	1,343	1,414	1,427	51.8	741	55.2	686	48.5
1971	2,872	1,369	1,503	1,535	53.4	788	57.6	747	49.7
1972	2,961	1,420	1,541	1,457	49.2	749	52.7	708	45.9
1973	3,059	1,458	1,601	1,425	46.6	730	50.1	695	43.4
1974	3,101	1,491	1,610	1,474	47.5	736	49.4	738	45.8
1975	3,186	1,513	1,673	1,615	50.7	796	52.6	819	49.0
1976	2,987	1,450	1,537	1,458	48.8	685	47.2	773	50.3
1977	3,140	1,482	1,658	1,590	50.6	773	52.2	817	49.3
1978	3,161	1,485	1,676	1,584	50.1	758	51.0	826	49.3
1979	3,160	1,474	1,686	1,559	49.3	743	50.4	816	48.4
1980	3,089	1,500	1,589	1,524	49.3	701	46.7	823	51.8
1981	3,053	1,490	1,563	1,646	53.9	816	54.8	830	53.1
1982	3,100	1,508	1,592	1,568	50.6	739	49.0	829	52.1
1983	2,964	1,390	1,574	1,562	52.7	721	51.9	841	53.4
1984	3,012	1,429	1,583	1,662	55.2	800	56.0	862	54.5
1985	2,666	1,286	1,380	1,539	57.7	754	58.6	785	56.9
1986	2,786	1,331	1,455	1,499	53.8	744	55.9	755	51.9
1987	2,647	1,278	1,369	1,503	56.8	746	58.4	757	55.3
1988	2,673	1,334	1,339	1,575	58.9	761	57.0	814	60.8
1989	2,454	1,208	1,245	1,463	59.6	696	57.6	767	61.6
1990	2,355	1,169	1,185	1,410	59.9	676	57.8	735	62.0
1991	2,276	1,139	1,137	1,420	62.4	656	57.6	763	67.1
1992	2,398	1,216	1,182	1,479	61.7	725	59.6	754	63.8
1993	2,338	1,118	1,219	1,464	62.6	668	59.7	797	65.4
1994	2,517	1,244	1,273	1,559	61.9	754	60.6	805	63.2
1995	2,599	1,238	1,361	1,610	61.9	775	62.6	835	61.4
1996	2,660	1,297	1,363	1,729	65.0	779	60.1	950	69.7
1997	2,769	1,354	1,415	1,856	67.0	860	63.5	995	70.3

¹ Individuals age 16 to 24 who graduated from high school during the preceding 12 months.

² Enrollment in college as of October of each year for individuals age 16 to 24 who graduated from high school during the preceding 12 months.

NOTE.—Data are based upon sample surveys of the civilian population. High school graduate data in this table differ from figures appearing in other tables because of varying survey procedures and coverage. High school graduates include GED recipients.

SOURCE: American College Testing Program, unpublished tabulations, 1987, derived from statistics collected by the U.S. Bureau of the Census; and U.S. Department of Labor, *College Enrollment of High School Graduates*, various years. (This table was prepared June 1998.)

Table 185.—Graduation, college preparation, and college application rates of high school students, by selected school characteristics: 1993–94

Selected school characteristics	Public schools			Private schools		
	Number of schools with 12th graders	1993 graduation rate of fall 1992 12th graders	Average college application rate of 12th graders	Number of schools with 12th graders	1993 graduation rate of fall 1992 12th graders	Average college application rate of 12th graders
1	2	3	4	5	6	7
Total	17,838	92.6	57.4	7,875	98.2	87.5
Percent minority students						
Less than 5%	6,843	94.1	56.4	2,926	98.9	84.8
5% to 19%	3,784	93.7	60.2	2,735	98.5	90.0
20% to 49%	3,850	92.1	58.5	1,439	97.7	90.2
50% or more	3,360	90.1	54.2	775	96.5	79.9
Community type						
Central city	2,949	89.7	56.5	2,808	98.3	89.0
Suburban/large town	3,798	92.5	61.6	2,486	98.4	88.1
Small town/rural	11,091	94.6	54.3	2,581	97.6	81.5

NOTE.—Data are based upon a sample survey and may not be strictly comparable with data reported elsewhere. Only includes schools with students enrolled in 12th grade. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared September 1996.)

Table 186.—Enrollment rates of 18- to 24-year-olds in institutions of higher education, by race/ethnicity: 1967 to 1997

Year	Total		White, non-Hispanic		Black, non-Hispanic		Hispanic origin	
	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates ¹	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates ¹	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates ¹	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates ¹
1	2	3	4	5	6	7	8	9
1967 ²	25.5	33.7	26.9	34.5	13.0	23.3	—	—
1968 ²	26.0	34.2	27.5	34.9	14.5	25.2	—	—
1969 ²	27.3	35.0	28.7	35.6	16.0	27.2	—	—
1970 ²	25.7	32.7	27.1	33.2	15.5	26.0	—	—
1971 ²	26.2	33.2	27.2	33.5	18.2	29.2	—	—
1972	25.5	31.1	27.2	31.9	18.3	25.2	13.4	24.1
1973	24.0	28.9	25.5	29.5	15.9	22.5	16.1	27.6
1974	24.6	29.8	25.8	29.9	17.6	24.6	18.0	30.7
1975	26.3	31.4	27.4	31.3	20.4	30.1	20.4	33.0
1976	26.7	32.3	27.6	32.1	22.5	32.1	20.0	34.7
1977	26.1	31.4	27.2	31.3	21.1	29.1	17.2	30.5
1978	25.3	30.0	26.5	30.1	20.1	27.9	15.2	25.9
1979	25.0	29.9	26.3	30.2	19.8	27.5	16.7	27.8
1980	25.7	30.5	27.3	31.0	19.4	26.0	16.1	27.6
1981	26.2	31.3	27.7	31.6	19.9	26.6	16.6	28.5
1982	26.6	31.6	28.1	32.0	19.9	26.5	16.8	27.6
1983	26.2	31.3	28.0	31.8	19.2	25.3	17.3	29.9
1984	27.1	31.8	28.9	32.6	20.3	25.6	17.9	28.8
1985	27.8	32.5	30.0	33.9	19.6	24.5	16.9	25.0
1986	27.9	32.7	29.7	33.3	21.9	26.9	17.6	28.3
1987	29.7	35.4	31.9	36.6	23.0	28.2	17.7	26.6
1988	30.2	36.0	33.1	37.4	21.1	26.8	17.1	29.1
1989	30.9	36.5	34.2	38.3	23.4	28.5	16.0	26.6
1990	32.1	37.7	35.2	39.2	25.3	30.4	16.2	26.8
1991	33.3	39.3	36.8	41.0	23.4	28.2	17.8	31.4
1992	34.4	42.0	37.3	42.8	25.2	33.9	21.3	37.5
1993	34.0	41.6	36.8	42.6	24.5	32.8	21.7	36.1
1994	34.6	42.3	38.1	43.7	27.7	35.6	18.8	33.1
1995	34.3	42.3	37.9	44.0	27.5	35.4	20.7	35.2
1996	35.5	43.4	39.5	45.1	27.4	35.9	20.1	34.5
1997	36.2	44.6	40.6	46.8	29.8	39.6	22.4	36.1

¹ Includes students who were enrolled in college, but did not report high school completion.

² Data for white and black enrollment include persons of Hispanic origin.

—Data not available.

NOTE.—Data are based upon sample surveys of the civilian noninstitutional population. Percents based on 18- to 24-year-old high school graduates for 1992 and later

years, use a slightly different definition of graduation and may not be directly comparable with figures for other years. All college students are counted as high school graduates.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, unpublished data. (This table was prepared September 1998.)

Table 187.—Total undergraduate fall enrollment¹ in institutions of higher education, by sex of student, attendance status, and control of institution: 1969 to 1996

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1969	6,884	4,991	1,893	4,008	2,876	2,952	1,056	2,039	837	2,997	1,011	2,162	714
1970	7,376	5,280	2,096	4,254	3,122	3,097	1,157	2,183	939	3,241	1,013	2,387	735
1971	7,743	5,512	2,231	4,418	3,325	3,201	1,217	2,311	1,014	3,427	991	2,580	745
1972	7,941	5,488	2,453	4,429	3,512	3,121	1,308	2,367	1,145	3,467	962	2,756	756
1973	8,261	5,580	2,681	4,538	3,723	3,135	1,403	2,445	1,278	3,579	959	2,943	780
1974	8,798	5,726	3,072	4,765	4,033	3,191	1,574	2,535	1,498	3,799	966	3,232	801
1975	9,679	6,169	3,510	5,257	4,422	3,459	1,798	2,710	1,712	4,245	1,012	3,581	841
1976	9,429	6,030	3,399	4,902	4,527	3,242	1,660	2,788	1,739	3,949	953	3,668	859
1977	9,717	6,094	3,623	4,897	4,820	3,188	1,709	2,906	1,914	3,937	960	3,906	914
1978	9,691	5,967	3,724	4,766	4,925	3,072	1,694	2,895	2,030	3,812	954	3,974	951
1979	9,998	6,080	3,919	4,821	5,178	3,087	1,734	2,993	2,185	3,865	956	4,181	995
1980	10,475	6,362	4,113	5,000	5,475	3,227	1,773	3,135	2,340	4,014	985	4,427	1,048
1981	10,755	6,449	4,306	5,109	5,646	3,261	1,848	3,188	2,458	4,090	1,018	4,558	1,088
1982	10,825	6,484	4,341	5,170	5,655	3,299	1,871	3,184	2,470	4,140	1,031	4,573	1,081
1983	10,846	6,514	4,332	5,158	5,688	3,304	1,854	3,210	2,478	4,117	1,042	4,580	1,107
1984	10,618	6,348	4,270	5,007	5,611	3,195	1,812	3,153	2,459	3,990	1,017	4,504	1,107
1985	10,597	6,320	4,277	4,962	5,635	3,156	1,806	3,163	2,471	3,953	1,010	4,525	1,110
1986	10,798	6,352	4,446	5,018	5,780	3,146	1,871	3,206	2,575	4,002	1,015	4,658	1,122
1987	11,046	6,463	4,584	5,068	5,978	3,164	1,905	3,299	2,679	4,076	992	4,842	1,136
1988	11,317	6,642	4,674	5,138	6,179	3,206	1,931	3,436	2,743	4,113	1,024	4,990	1,189
1989	11,743	6,841	4,902	5,311	6,432	3,279	2,032	3,562	2,869	4,272	1,039	5,216	1,216
1990	11,959	6,976	4,983	5,380	6,579	3,337	2,043	3,639	2,940	4,353	1,027	5,357	1,223
1991	12,439	7,221	5,218	5,571	6,868	3,436	2,135	3,786	3,082	4,531	1,040	5,617	1,251
1992	12,538	7,244	5,293	5,583	6,955	3,425	2,158	3,820	3,135	4,537	1,046	5,679	1,275
1993	12,324	7,179	5,144	5,484	6,840	3,382	2,102	3,797	3,043	4,447	1,036	5,565	1,276
1994	12,263	7,169	5,094	5,422	6,840	3,342	2,081	3,827	3,013	4,394	1,028	5,551	1,290
1995	12,232	7,145	5,086	5,401	6,831	3,297	2,105	3,849	2,982	4,380	1,021	5,524	1,307
1996 ²	12,259	7,211	5,049	5,411	6,848	3,304	2,107	3,907	2,942	4,368	1,043	5,537	1,311

¹ Includes unclassified undergraduate students.

² Preliminary data.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System, "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 188.—Total graduate fall enrollment¹ in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1996

[In thousands]

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1969	955	363	593	590	366	252	338	111	255	393	197	273	93
1970	1,031	379	651	630	400	264	366	115	285	423	207	301	99
1971	1,012	388	621	615	394	269	346	119	275	415	200	296	100
1972	1,066	394	671	626	439	268	358	126	313	427	199	330	109
1973	1,123	410	715	648	477	273	375	137	340	442	206	358	119
1974	1,190	427	762	663	526	276	387	151	375	454	209	398	128
1975	1,263	453	810	700	563	290	410	163	400	481	219	425	138
1976	1,333	463	870	714	619	287	427	176	443	477	237	454	165
1977	1,319	473	845	700	617	289	411	184	434	458	243	443	174
1978	1,312	468	844	682	630	280	402	188	442	441	241	453	177
1979	1,309	476	833	669	640	280	389	196	444	427	242	457	182
1980	1,343	485	860	675	670	281	394	204	466	426	247	474	195
1981	1,343	484	859	674	669	277	397	207	462	419	255	468	201
1982	1,322	485	838	670	653	280	390	205	447	417	253	453	200
1983	1,340	497	843	677	663	286	391	211	452	418	259	454	209
1984	1,345	501	844	672	673	286	386	215	459	411	261	459	215
1985	1,376	509	867	677	700	289	388	220	479	414	263	477	223
1986	1,435	522	913	693	742	294	399	228	514	433	260	508	234
1987	1,452	527	925	693	759	294	400	233	525	429	264	516	243
1988	1,472	553	919	697	774	304	393	249	526	429	268	520	254
1989	1,522	572	949	710	811	309	401	263	548	437	273	541	271
1990	1,586	599	987	737	849	321	416	278	571	456	281	567	282
1991	1,639	642	997	761	878	341	419	300	578	471	290	580	299
1992	1,669	666	1,003	772	896	351	421	314	582	474	298	584	313
1993	1,688	688	1,000	771	917	355	416	334	584	473	298	590	327
1994	1,721	706	1,016	776	946	359	417	347	598	472	304	603	343
1995	1,732	717	1,015	768	965	356	412	361	604	464	304	610	355
1996 ²	1,743	736	1,007	760	983	358	403	378	604	456	305	613	370

¹ Includes unclassified postbaccalaureate students.² Preliminary data.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 189.—Total first-professional fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1996

Year	Total	Full-time	Part-time	Men	Women	Men		Women		Men		Women	
						Full-time	Part-time	Full-time	Part-time	Public	Private	Public	Private
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1969	164,737	143,081	21,656	148,926	15,811	131,368	17,558	11,713	4,098	64,241	84,685	8,354	7,457
1970	173,411	157,384	16,027	158,649	14,762	144,270	14,379	13,114	1,648	68,956	89,693	6,501	8,261
1971	192,668	176,224	16,444	174,058	18,610	159,386	14,672	16,838	1,772	98,233	75,825	9,430	9,180
1972	206,659	190,039	16,620	183,443	23,216	168,990	14,453	21,049	2,167	79,723	103,720	10,842	12,374
1973	218,990	201,663	17,327	186,297	32,693	171,731	14,566	29,932	2,761	81,811	104,486	16,138	16,555
1974	235,452	216,329	19,123	194,079	41,373	178,926	15,153	37,403	3,970	84,271	109,808	20,085	21,288
1975	242,267	219,886	22,381	192,100	50,167	177,117	14,983	42,769	7,398	79,240	112,860	23,557	26,610
1976	244,292	220,124	24,168	189,810	54,482	171,967	17,843	48,157	6,325	77,873	111,937	23,468	31,014
1977	251,357	226,318	25,039	191,451	59,906	173,165	18,286	53,153	6,753	78,189	113,262	24,901	35,005
1978	256,904	232,540	24,364	192,221	64,683	174,906	17,315	57,634	7,049	77,748	114,473	26,839	37,844
1979	263,404	238,949	24,455	193,363	70,041	176,394	16,969	62,555	7,486	77,122	116,241	29,026	41,015
1980	277,767	251,359	26,408	199,344	78,423	181,448	17,896	69,911	8,512	81,022	118,322	33,415	45,008
1981	274,595	248,328	26,267	192,936	81,659	175,414	17,522	72,914	8,745	77,562	115,374	34,177	47,482
1982	278,425	252,108	26,317	191,200	87,225	173,941	17,259	78,167	9,058	76,273	114,927	37,183	50,042
1983	278,529	249,636	28,893	188,096	90,433	169,071	19,025	80,565	9,868	74,938	113,158	38,484	51,949
1984	278,598	249,708	28,890	184,949	93,649	166,286	18,663	83,422	10,227	73,722	111,227	40,186	53,463
1985	274,200	246,619	27,581	179,792	94,408	162,368	17,424	84,251	10,157	71,373	108,419	40,435	53,973
1986	270,401	245,647	24,754	173,851	96,550	158,557	15,294	87,090	9,460	70,326	103,525	41,699	54,851
1987	268,332	241,807	26,525	170,129	98,203	153,668	16,461	88,139	10,064	68,089	102,040	41,947	56,256
1988	267,109	241,228	25,881	166,912	100,197	151,045	15,867	90,183	10,014	66,196	100,716	42,743	57,454
1989	274,451	247,812	26,639	168,773	105,678	152,511	16,262	95,301	10,377	67,548	101,225	45,090	60,588
1990	273,366	245,854	27,512	166,798	106,568	149,805	16,993	96,049	10,519	66,071	100,727	45,674	60,894
1991	280,531	252,012	28,519	169,875	110,656	152,356	17,519	99,656	11,000	64,821	105,054	46,661	63,995
1992	280,922	252,138	28,784	168,620	112,302	151,025	17,595	101,113	11,189	63,511	105,109	47,178	65,124
1993	292,431	259,764	32,667	172,788	119,643	153,873	18,915	105,891	13,752	63,973	108,815	49,681	69,962
1994	294,713	263,311	31,402	173,956	120,757	155,018	18,938	108,293	12,464	63,844	110,112	50,153	70,604
1995	297,592	266,414	31,178	173,897	123,695	155,056	18,841	111,358	12,337	63,594	110,303	51,478	72,217
1996 ¹	297,739	266,812	30,927	172,462	125,277	153,983	18,479	112,829	12,448	63,608	108,854	52,777	72,500

¹ Preliminary data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 190.—Total fall enrollment in institutions of higher education and degree-granting institutions, by state: 1970 to 1996

State or other area	Institutions of higher education										Degree-granting institutions, ² fall 1996
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1993	Fall 1994	Fall 1995	Fall 1996 ¹	Percent change, 1990 to 1996	
1	2	3	4	5	6	7	8	9	10	11	12
United States	8,580,887	11,184,859	12,096,895	12,247,055	13,818,637	14,304,803	14,278,790	14,261,781	14,300,255	3.5	14,367,520
Alabama	103,936	164,700	164,306	179,343	218,589	233,525	229,511	225,612	219,499	0.4	220,711
Alaska	9,471	13,998	21,296	27,479	29,833	30,638	28,798	29,348	28,846	-3.3	28,806
Arizona	109,619	173,542	202,716	216,854	264,148	272,300	274,932	273,981	276,832	4.8	288,036
Arkansas	52,039	65,547	77,607	77,958	90,425	99,262	96,294	98,180	100,688	11.3	108,636
California	1,257,245	1,787,932	1,790,993	1,650,439	1,808,740	1,836,349	1,835,791	1,817,042	1,882,634	4.1	1,900,099
Colorado	123,395	149,814	162,916	161,314	227,131	239,805	241,295	242,739	242,949	7.0	245,112
Connecticut	124,700	148,491	159,632	159,348	168,604	162,300	159,990	157,695	155,361	-7.9	154,139
Delaware	25,260	32,389	32,939	31,883	42,004	43,528	44,197	44,307	44,838	6.7	44,838
District of Columbia	77,158	84,190	86,675	78,201	79,551	81,565	77,256	77,277	74,239	-6.7	74,460
Florida	235,525	344,267	411,891	451,392	588,086	623,403	634,237	637,303	641,173	9.0	645,832
Georgia	126,511	173,585	184,159	196,826	251,786	302,844	308,587	314,712	317,999	26.3	300,795
Hawaii	36,562	46,671	47,181	49,937	56,436	62,871	64,322	63,198	61,383	8.8	62,844
Idaho	34,567	39,075	43,018	42,668	51,881	58,768	60,393	59,566	59,904	15.5	60,411
Illinois	452,146	584,089	644,245	678,689	729,246	734,089	731,420	717,854	720,987	-1.1	721,133
Indiana	192,668	213,820	247,253	250,567	284,832	294,685	292,276	289,615	286,326	0.5	290,184
Iowa	108,902	121,678	140,449	152,897	170,515	172,797	172,450	173,835	177,021	3.8	178,860
Kansas	102,485	120,833	136,605	141,359	163,733	170,135	170,603	177,643	172,350	5.3	173,865
Kentucky	98,591	125,253	143,066	141,724	177,852	187,332	182,577	178,858	177,749	-0.1	178,904
Louisiana	120,728	153,213	160,058	177,176	186,840	201,987	203,567	203,935	203,517	8.9	213,993
Maine	34,134	40,443	43,264	52,201	57,186	56,294	56,724	56,547	55,645	-2.7	56,017
Maryland	149,607	205,570	225,526	231,649	259,700	268,005	266,214	266,310	260,757	0.4	260,757
Massachusetts	303,809	384,485	418,415	421,175	417,833	420,127	416,505	413,794	410,327	-1.8	411,676
Michigan	392,726	496,405	520,131	507,293	569,803	568,210	551,307	548,339	546,974	-4.0	547,629
Minnesota	160,788	184,756	206,691	221,162	253,789	268,118	289,300	280,816	275,262	8.5	284,964
Mississippi	73,967	99,962	102,364	101,180	122,883	122,408	120,884	122,690	126,234	2.7	126,027
Missouri	183,930	223,115	234,421	241,146	289,899	297,062	293,810	291,536	290,533	0.2	293,584
Montana	30,062	30,843	35,177	35,958	35,876	39,557	40,095	42,674	43,145	20.3	43,550
Nebraska	66,915	74,705	89,488	97,769	112,831	115,523	116,000	115,718	119,300	5.7	120,689
Nevada	13,669	30,187	40,455	43,656	61,728	63,947	64,085	67,826	73,467	19.0	73,970
New Hampshire	29,400	41,030	46,794	52,283	59,510	64,043	62,847	64,327	64,463	8.3	64,396
New Jersey	216,121	297,114	321,610	297,658	324,286	343,029	335,480	333,831	328,188	1.2	328,143
New Mexico	44,461	51,944	58,283	68,295	85,500	101,460	101,881	102,405	103,546	21.1	106,662
New York	806,479	1,005,063	992,237	1,000,098	1,048,286	1,062,924	1,057,841	1,041,566	1,027,870	-1.9	1,028,351
North Carolina	171,925	251,786	287,537	327,288	352,138	371,280	369,386	372,030	373,168	6.0	372,993
North Dakota	31,495	29,743	34,069	37,939	37,878	40,316	40,184	40,399	40,554	7.1	41,142
Ohio	376,267	436,052	489,145	514,745	557,690	562,402	549,304	540,275	537,535	-3.6	544,371
Oklahoma	110,155	146,613	160,295	169,173	173,221	183,342	185,174	180,676	177,255	2.3	177,166
Oregon	122,177	145,281	157,458	137,967	165,741	165,834	164,447	167,145	165,168	-0.3	166,662
Pennsylvania	411,044	470,536	507,716	533,198	604,060	621,228	611,174	617,759	621,994	3.0	587,447
Rhode Island	45,898	64,479	66,869	69,927	78,273	77,407	74,718	74,100	72,432	-7.5	72,432
South Carolina	69,518	133,023	132,476	131,902	159,302	174,302	173,070	174,125	174,303	9.4	174,303
South Dakota	30,639	30,260	32,761	32,772	34,208	38,166	37,764	36,695	35,373	3.4	39,820
Tennessee	135,103	181,435	204,581	194,845	226,238	244,936	242,966	245,962	247,043	9.2	247,637
Texas	442,225	624,390	701,391	769,692	901,437	942,178	954,495	952,525	955,439	6.0	959,698
Utah	81,687	87,323	93,987	103,994	121,303	138,139	146,196	147,324	151,637	25.0	152,262
Vermont	22,209	29,095	30,628	31,416	36,398	36,415	35,409	35,065	35,090	-3.6	35,779
Virginia	151,915	244,671	280,504	292,416	353,442	348,535	354,149	355,919	353,788	0.1	355,190
Washington	183,544	227,168	303,603	231,553	263,384	279,845	284,662	285,819	292,180	10.9	303,450
West Virginia	63,153	78,619	81,973	76,659	84,790	88,852	87,741	86,034	85,689	1.1	87,099
Wisconsin	202,058	240,701	269,086	275,069	299,774	309,036	303,861	300,223	299,127	-0.2	299,522
Wyoming	15,220	18,078	21,147	24,204	31,326	30,702	30,682	30,176	30,805	-1.7	30,805
U.S. Service Schools	17,079	36,897	49,808	54,719	48,692	52,998	51,939	88,451	81,669	67.7	81,669
Outlying areas ...	67,237	104,270	137,749	164,890	164,618	172,989	170,686	183,657	181,660	10.4	182,536
American Samoa ...	—	689	976	758	1,219	1,264	1,249	1,232	1,239	1.6	1,239
Federated States of Micronesia	—	—	—	—	975	1,148	1,374	1,296	1,396	43.2	1,396
Guam	2,719	3,800	3,217	4,601	4,741	5,843	6,449	6,010	5,335	12.5	5,335
Marshall Islands	—	—	—	—	—	386	424	418	431	—	431
Northern Marianas	—	—	—	318	661	1,261	1,253	959	1,096	65.8	1,096
Palau	—	—	—	—	491	436	403	351	332	-32.4	332
Puerto Rico	63,073	97,517	131,184	155,917	154,065	159,709	156,439	170,337	168,933	9.7	169,809
Trust Territory of the Pacific	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands	1,445	2,079	2,148	2,572	2,466	2,942	3,095	3,054	2,898	17.5	2,898

¹ Preliminary data.² Preliminary data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not reported or not applicable.

Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared October 1998.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and

Table 191.—Total fall enrollment in public institutions of higher education and degree-granting institutions, by state: 1970 to 1996

State or other area	Institutions of higher education										Degree-granting institutions, ² fall 1996
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1993	Fall 1994	Fall 1995	Fall 1996 ¹	Percent change, 1990 to 1996	
1	2	3	4	5	6	7	8	9	10	11	12
United States	6,428,134	8,834,508	9,457,394	9,479,273	10,844,717	11,189,088	11,133,680	11,092,374	11,090,171	2.3	11,120,499
Alabama	87,884	145,698	143,674	158,688	195,939	210,094	206,546	203,165	196,531	0.3	196,531
Alaska	8,563	13,218	20,561	26,510	27,792	28,708	27,631	28,368	27,828	0.1	27,828
Arizona	107,315	168,666	194,034	202,036	248,213	246,754	252,184	254,530	253,469	2.1	259,163
Arkansas	43,599	56,127	66,068	66,123	78,645	87,942	85,601	87,067	89,457	13.7	97,405
California	1,123,529	1,617,558	1,599,838	1,444,207	1,594,710	1,604,158	1,582,837	1,564,230	1,624,907	1.9	1,625,021
Colorado	108,562	136,370	145,598	142,031	200,653	209,932	209,717	210,312	209,183	4.3	209,183
Connecticut	73,391	93,567	97,788	98,616	109,556	105,446	102,450	100,539	97,588	-10.9	96,336
Delaware	21,151	27,082	28,325	27,933	34,252	35,771	36,322	36,204	36,579	6.8	36,579
District of Columbia	12,194	15,159	13,900	12,080	11,990	10,608	10,599	9,663	7,456	-37.8	7,736
Florida	189,450	287,745	334,349	362,241	489,081	518,480	528,024	530,607	531,030	8.6	529,422
Georgia	101,900	142,593	140,158	148,956	196,413	239,755	243,855	248,682	249,284	26.9	230,204
Hawaii	32,963	43,278	43,269	43,246	45,728	50,618	51,646	50,198	47,370	3.6	47,370
Idaho	27,072	31,298	34,491	33,666	41,315	47,524	48,994	48,986	49,392	19.5	49,806
Illinois	315,634	444,458	491,274	520,224	551,333	549,745	545,958	530,248	532,470	-3.4	532,470
Indiana	136,739	159,453	189,224	193,833	223,953	231,259	228,270	224,795	220,967	-1.3	220,967
Iowa	68,390	83,572	97,454	109,765	117,834	122,267	122,017	122,396	125,923	6.9	125,923
Kansas	88,215	107,761	121,987	127,220	149,117	154,016	152,798	160,449	155,429	4.2	156,446
Kentucky	77,240	105,265	114,884	110,836	147,095	156,160	151,575	148,808	147,423	0.2	147,423
Louisiana	101,127	132,054	136,703	153,173	158,290	173,950	175,112	174,873	174,589	10.3	185,223
Maine	25,405	31,092	31,878	33,188	41,500	39,819	39,188	38,195	37,888	-8.7	38,260
Maryland	118,988	176,544	195,051	198,992	220,783	226,666	223,692	222,857	217,277	-1.6	217,277
Massachusetts	116,127	173,564	183,765	185,602	186,035	181,461	179,799	176,777	173,416	-6.8	173,854
Michigan	339,625	436,655	454,147	434,270	487,359	483,145	466,758	462,390	458,989	-5.8	458,989
Minnesota	130,567	148,630	162,379	173,984	199,211	207,131	227,015	217,249	208,540	4.7	213,284
Mississippi	64,968	89,919	90,661	90,704	109,038	109,373	108,398	110,600	114,905	5.4	114,905
Missouri	132,540	158,196	165,179	168,829	200,093	197,821	191,859	189,993	189,269	-5.4	189,851
Montana	27,287	27,798	31,178	32,032	31,865	34,326	34,927	37,435	38,000	19.3	38,000
Nebraska	51,454	61,240	73,509	81,202	94,614	95,782	95,877	95,599	99,717	5.4	99,717
Nevada	13,576	30,010	40,280	43,368	61,242	63,229	63,271	66,683	71,925	17.4	71,925
New Hampshire	15,979	24,205	24,119	26,669	32,163	35,571	34,988	36,069	36,365	13.1	36,365
New Jersey	145,373	227,764	247,028	237,297	261,601	278,361	272,420	271,069	264,596	1.1	264,596
New Mexico	40,795	47,605	55,077	66,059	83,403	98,093	97,073	97,220	97,630	17.1	99,918
New York	449,437	613,842	563,251	563,251	616,884	604,989	604,433	588,491	572,482	-7.2	572,482
North Carolina	123,761	201,288	228,154	267,044	285,405	303,556	303,649	303,099	302,939	6.1	302,939
North Dakota	30,192	27,954	31,709	34,802	34,690	36,644	36,639	36,810	36,765	6.0	36,765
Ohio	281,099	336,931	381,765	379,164	427,613	429,756	417,566	409,818	405,339	-5.2	407,108
Oklahoma	91,438	124,372	137,188	146,827	151,073	160,901	161,748	158,026	154,381	2.2	154,381
Oregon	108,483	129,785	140,102	119,612	144,427	143,352	141,027	143,617	141,429	-2.1	141,429
Pennsylvania	232,982	287,436	292,499	300,523	343,478	351,747	342,565	339,928	335,181	-2.4	335,181
Rhode Island	25,527	32,311	35,052	35,389	42,350	40,833	39,376	38,653	37,487	-11.5	37,487
South Carolina	47,101	107,690	107,683	105,854	131,134	148,933	148,514	148,706	148,363	13.1	148,363
South Dakota	23,936	21,925	24,328	23,339	26,596	31,427	30,980	29,693	28,564	7.4	32,861
Tennessee	98,897	139,526	156,835	147,951	175,049	194,225	191,425	193,136	194,097	10.9	194,138
Texas	365,522	542,212	613,552	677,192	802,314	834,696	843,002	836,851	838,091	4.5	838,943
Utah	49,588	56,536	59,598	69,426	86,108	100,271	108,593	110,560	114,195	32.6	113,696
Vermont	12,536	17,145	17,984	18,844	20,910	21,001	20,505	20,470	20,139	-3.7	20,139
Virginia	123,279	215,253	246,500	250,754	291,286	293,810	293,165	293,127	292,412	0.4	292,412
Washington	162,718	202,531	276,028	201,532	227,632	241,813	244,772	246,635	251,869	10.6	262,359
West Virginia	51,363	68,117	71,228	66,531	74,108	77,500	76,120	74,857	74,755	0.9	75,116
Wisconsin	170,374	210,535	235,179	238,735	253,529	256,669	250,246	245,770	244,628	-3.5	245,060
Wyoming	15,220	18,078	21,121	24,204	30,623	30,002	30,015	29,420	29,994	-2.1	29,994
U.S. Service Schools	17,079	36,897	49,808	54,719	48,692	52,998	51,939	88,451	81,669	67.7	81,669
Outlying areas	46,680	59,923	60,692	65,411	66,244	69,115	70,917	77,050	79,861	20.6	79,083
American Samoa	—	689	976	758	1,219	1,264	1,249	1,232	1,239	1.6	1,239
Federated States of Micronesia	—	—	—	—	975	1,148	1,374	1,296	1,396	43.2	1,396
Guam	2,719	3,800	3,217	4,601	4,741	5,843	6,449	6,010	5,335	12.5	5,335
Marshall Islands	—	—	—	—	—	386	424	418	431	—	431
Northern Marianas	—	—	—	318	661	1,261	1,253	959	1,096	65.8	1,096
Palau	—	—	—	—	491	436	403	351	332	-32.4	332
Puerto Rico	42,516	53,170	54,127	56,438	55,691	55,835	56,670	63,730	67,134	20.5	66,356
Trust Territory of the Pacific	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands	1,445	2,079	2,148	2,572	2,466	2,942	3,095	3,054	2,898	17.5	2,898

¹ Preliminary data.² Preliminary data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared October 1998).

Table 192.—Total fall enrollment in private institutions of higher education and degree-granting institutions, by state: 1970 to 1996

State or other area	Institutions of higher education										Degree-granting institutions, ² fall 1996
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1993	Fall 1994	Fall 1995	Fall 1996 ¹	Percent change, 1990 to 1996	
1	2	3	4	5	6	7	8	9	10	11	12
United States	2,152,753	2,350,351	2,639,501	2,767,782	2,973,920	3,115,715	3,145,110	3,169,407	3,210,084	7.9	3,247,021
Alabama	16,052	19,002	20,632	20,655	22,650	23,431	22,965	22,447	22,968	1.4	24,180
Alaska	908	780	735	969	2,041	1,930	1,167	980	1,018	-50.1	978
Arizona	2,304	4,876	8,682	14,818	15,935	25,546	22,748	19,451	23,363	46.6	28,873
Arkansas	8,440	9,420	11,539	11,835	11,780	11,320	10,693	11,113	11,231	-4.7	11,231
California	133,716	170,374	191,155	206,232	214,030	232,191	252,954	252,812	257,727	20.4	275,078
Colorado	14,833	13,444	17,318	19,283	26,478	29,873	31,578	32,427	33,766	27.5	35,929
Connecticut	51,309	54,924	61,844	60,732	59,048	56,854	57,540	57,156	57,773	-2.2	57,803
Delaware	4,109	5,307	4,614	3,950	7,752	7,757	7,875	8,103	8,259	6.5	8,259
District of Columbia	64,964	69,031	72,775	66,121	67,561	70,957	66,657	67,614	66,783	-1.2	66,724
Florida	46,075	56,522	77,542	89,151	99,005	104,923	106,213	106,696	110,143	11.2	116,410
Georgia	24,611	30,992	44,001	47,870	55,373	63,089	64,732	66,030	68,715	24.1	70,591
Hawaii	3,599	3,393	3,912	6,691	10,708	12,253	12,676	13,000	14,013	30.9	15,474
Idaho	7,495	7,777	8,527	9,002	10,566	11,244	11,399	10,580	10,512	-0.5	10,605
Illinois	136,512	139,631	152,971	158,465	177,913	184,344	185,462	187,606	188,517	6.0	188,663
Indiana	55,929	54,367	58,029	56,734	60,879	63,426	64,006	64,820	65,359	7.4	69,217
Iowa	40,512	38,106	42,995	43,132	52,681	50,530	50,433	51,439	51,098	-3.0	52,937
Kansas	14,270	13,072	14,618	14,139	14,616	16,119	17,805	17,194	16,921	15.8	17,419
Kentucky	21,351	19,988	28,182	30,888	30,757	31,172	31,002	30,050	30,326	-1.4	31,481
Louisiana	19,601	21,159	23,355	24,003	28,550	28,037	28,455	29,062	28,928	1.3	28,770
Maine	8,729	9,351	11,386	19,013	15,686	16,475	17,536	18,352	17,757	13.2	17,757
Maryland	30,619	29,026	30,475	32,657	38,917	41,339	42,522	43,453	43,480	11.7	43,480
Massachusetts	187,682	210,921	234,650	235,573	231,798	238,666	236,706	237,017	236,911	2.2	237,822
Michigan	53,101	59,750	65,984	73,023	82,444	85,065	84,549	85,949	87,985	6.7	88,640
Minnesota	30,221	36,126	44,312	47,178	54,578	60,987	62,285	63,567	66,722	22.3	71,680
Mississippi	8,999	10,043	11,703	10,476	13,845	13,035	12,486	12,090	11,329	-18.2	11,122
Missouri	51,390	64,919	69,242	72,317	89,806	99,241	101,951	101,543	101,264	12.8	103,733
Montana	2,775	3,045	3,999	3,926	4,011	5,231	5,168	5,239	5,145	28.3	5,550
Nebraska	15,461	13,465	15,979	16,567	18,217	19,741	20,123	20,119	19,583	7.5	20,972
Nevada	93	177	175	288	486	718	814	1,143	1,542	217.3	2,045
New Hampshire	13,421	16,825	22,675	25,614	27,347	28,472	27,859	28,258	28,098	2.7	28,031
New Jersey	70,748	69,350	74,582	60,361	62,685	64,668	63,060	62,762	63,592	1.4	63,547
New Mexico	3,666	4,339	3,206	2,236	2,097	3,367	4,808	5,185	5,916	182.1	6,744
New York	357,042	391,221	428,986	436,847	431,402	457,935	453,408	453,075	455,388	5.6	455,869
North Carolina	48,164	50,498	59,383	60,244	66,733	67,724	65,737	68,931	70,229	5.2	70,054
North Dakota	1,303	1,789	2,360	3,137	3,188	3,672	3,545	3,589	3,789	18.9	4,377
Ohio	95,168	99,121	107,380	135,581	130,077	132,646	131,738	130,457	132,196	1.6	137,263
Oklahoma	18,717	22,241	23,107	22,346	22,148	22,441	23,426	22,650	22,874	3.3	22,785
Oregon	13,694	15,496	17,356	18,355	21,314	22,482	23,420	23,528	23,739	11.4	25,233
Pennsylvania	178,062	183,100	215,217	232,675	260,582	269,481	268,609	277,831	286,813	10.1	252,266
Rhode Island	20,371	32,168	31,817	34,538	35,923	36,574	35,342	35,447	34,945	-2.7	34,945
South Carolina	22,417	25,333	24,793	26,048	28,168	25,369	24,556	25,419	25,940	-7.9	25,940
South Dakota	6,703	8,335	8,433	9,433	7,612	6,739	6,784	7,002	6,809	-10.5	6,959
Tennessee	36,206	41,909	47,746	46,894	51,189	50,711	51,541	52,826	52,946	3.4	53,499
Texas	76,703	82,178	87,839	92,500	99,123	107,482	111,493	115,674	117,348	18.4	120,755
Utah	32,099	30,787	34,389	34,568	35,195	37,868	37,603	36,764	37,442	6.4	38,566
Vermont	9,673	11,950	12,644	12,572	15,488	15,414	14,904	14,595	14,951	-3.5	15,640
Virginia	28,636	29,418	34,004	41,662	62,156	54,725	60,984	62,792	61,376	-1.3	62,778
Washington	20,826	24,637	27,575	30,021	35,752	38,032	39,890	39,184	40,311	12.8	41,091
West Virginia	11,790	10,502	10,745	10,128	10,682	11,352	11,621	11,177	10,934	2.4	11,983
Wisconsin	31,684	30,166	33,907	36,334	46,245	52,367	53,615	54,453	54,499	17.8	54,462
Wyoming	—	—	26	—	703	700	667	756	811	15.4	811
Outlying areas ...	20,557	44,347	77,057	99,479	98,374	103,874	99,769	106,607	101,799	3.5	103,453
American Samoa	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	20,557	44,347	77,057	99,479	98,374	103,874	99,769	106,607	101,799	3.5	103,453
Trust Territory of the Pacific	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands	—	—	—	—	—	—	—	—	—	—	—

¹ Preliminary data.² Preliminary data are for 4-year and 2-year institutions of higher education that were eligible to participate in Title IV federal financial aid programs.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared October 1998.)

Table 193.—Total fall enrollment in all institutions of higher education, by attendance status, sex, and state: 1995 and 1996

State or other area	Fall 1995					Fall 1996 ¹				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	14,261,781	3,807,392	4,321,410	2,535,147	3,597,832	14,300,255	3,815,519	4,397,971	2,528,473	3,558,292
Alabama	225,612	68,713	83,031	31,064	42,804	219,499	66,707	83,614	28,979	40,199
Alaska	29,348	5,424	6,559	6,444	10,921	28,846	5,351	6,533	6,225	10,737
Arizona	273,981	61,685	64,369	61,226	86,701	276,832	63,773	67,366	60,962	84,731
Arkansas	98,180	30,077	37,101	11,626	19,376	100,688	30,053	37,662	12,488	20,485
California	1,817,042	408,376	458,540	410,267	539,859	1,882,634	413,893	473,499	427,409	567,833
Colorado	242,739	62,892	65,994	48,117	65,736	242,949	63,329	67,736	47,205	64,679
Connecticut	157,695	38,877	43,222	29,623	45,973	155,361	39,208	43,696	28,384	44,073
Delaware	44,307	11,287	14,252	7,576	11,192	44,838	11,408	14,786	7,280	11,364
District of Columbia	77,277	22,706	27,643	11,807	15,121	74,239	22,069	27,283	10,962	13,925
Florida	637,303	142,368	162,172	135,424	197,339	641,173	142,163	166,896	134,800	197,314
Georgia	314,712	93,962	115,663	40,920	64,167	317,999	94,993	118,973	40,338	63,695
Hawaii	63,198	16,175	19,166	12,030	15,827	61,383	15,992	19,333	11,442	14,616
Idaho	59,566	19,013	21,136	7,706	11,711	59,904	19,184	21,650	7,573	11,497
Illinois	717,854	174,969	193,430	141,323	208,132	720,987	174,844	196,071	141,225	208,847
Indiana	289,615	90,941	98,818	41,298	58,558	286,326	91,790	99,690	39,365	55,481
Iowa	173,835	58,553	62,170	19,478	33,634	177,021	59,127	62,731	21,540	33,623
Kansas	177,643	47,394	50,144	31,446	48,659	172,350	46,418	49,261	31,038	45,633
Kentucky	178,858	52,229	65,429	22,025	39,175	177,749	52,055	65,876	21,789	38,029
Louisiana	203,935	64,292	79,971	21,820	37,852	203,517	63,769	81,027	21,828	36,893
Maine	56,547	14,632	16,920	7,978	17,017	55,645	14,605	17,146	7,706	16,188
Maryland	266,310	57,822	68,689	54,075	85,724	260,757	57,867	70,351	50,585	81,954
Massachusetts	413,794	121,670	140,343	59,062	92,719	410,327	120,605	140,736	58,624	90,362
Michigan	548,339	127,404	146,846	113,756	160,333	546,974	127,877	150,544	111,420	157,223
Minnesota	280,816	74,919	83,181	51,380	71,336	275,262	76,703	87,543	44,836	66,180
Mississippi	122,690	41,390	50,577	11,219	19,504	126,234	41,641	51,825	12,254	20,514
Missouri	291,536	77,858	88,270	49,402	76,006	290,533	79,313	90,361	47,352	73,507
Montana	42,674	15,967	16,789	3,991	5,927	43,145	17,013	18,400	6,122	6,122
Nebraska	115,718	32,125	34,529	20,327	28,737	119,300	32,538	35,779	21,170	29,813
Nevada	67,826	10,196	11,524	19,787	26,319	73,467	11,247	12,587	21,412	28,221
New Hampshire	64,327	18,307	21,598	9,070	15,352	64,463	18,120	21,344	9,218	15,781
New Jersey	333,831	81,944	92,990	63,695	95,202	328,188	82,413	94,564	60,101	91,110
New Mexico	102,405	23,306	28,210	19,900	30,989	103,546	23,094	28,326	20,278	31,848
New York	1,041,566	301,712	363,252	142,426	234,176	1,027,870	298,983	366,160	137,537	225,190
North Carolina	372,030	105,756	132,332	54,248	79,694	373,168	105,922	134,926	54,042	78,278
North Dakota	40,399	16,462	15,756	3,480	4,701	40,554	16,454	15,851	3,602	4,647
Ohio	540,275	157,392	180,152	84,648	118,083	537,535	156,466	180,961	83,615	116,493
Oklahoma	180,676	51,848	56,218	30,422	42,188	177,255	51,655	55,709	29,185	40,706
Oregon	167,145	43,214	46,067	33,792	44,072	165,168	43,838	47,835	32,052	41,443
Pennsylvania	617,759	186,435	201,884	91,493	137,947	621,994	186,469	204,540	106,383	124,602
Rhode Island	74,100	22,522	24,308	10,642	16,628	72,432	22,163	24,208	10,170	15,891
South Carolina	174,125	48,980	60,159	23,666	41,320	174,303	49,412	61,860	22,680	40,351
South Dakota	36,695	12,586	14,021	3,610	6,478	35,373	12,093	13,668	3,503	6,109
Tennessee	245,962	73,010	86,590	35,318	51,044	247,043	72,959	88,939	35,083	50,062
Texas	952,525	248,597	267,274	189,578	247,076	955,439	248,690	272,788	188,072	245,889
Utah	147,324	49,018	48,685	24,854	24,767	151,637	47,838	48,294	27,761	27,744
Vermont	35,065	11,238	12,739	3,599	7,489	35,090	11,288	12,883	3,494	7,425
Virginia	355,919	91,570	108,894	63,394	92,061	353,788	92,305	109,925	61,464	90,094
Washington	285,819	81,914	93,836	44,585	65,484	292,180	82,719	96,880	45,816	66,765
West Virginia	86,034	28,848	30,935	9,191	17,060	85,689	28,555	31,103	9,382	16,649
Wisconsin	300,223	84,279	97,288	48,088	70,568	299,127	84,542	97,724	47,855	69,006
Wyoming	30,176	8,532	9,068	4,543	8,033	30,805	8,440	9,123	4,690	8,552
U.S. Service Schools	88,451	16,006	2,676	58,708	11,061	81,669	16,649	2,882	52,219	9,919
Outlying areas	183,657	53,526	83,879	18,544	27,708	181,660	52,805	85,257	17,930	25,668
American Samoa	1,232	428	436	217	151	1,239	435	442	215	147
Federated States of Micronesia	1,296	518	447	150	181	1,396	471	476	184	265
Guam	6,010	989	1,597	1,567	1,857	5,335	944	1,549	1,270	1,572
Marshall Islands	418	89	75	146	108	431	125	109	115	82
Northern Marianas	959	203	253	188	315	1,096	223	267	221	385
Palau	351	143	125	31	52	332	143	112	28	49
Puerto Rico	170,337	50,834	79,876	15,798	23,829	168,933	50,148	81,289	15,514	21,982
Virgin Islands	3,054	322	1,070	447	1,215	2,898	316	1,013	383	1,186

¹ Preliminary data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared May 1998.)

Table 194.—Total fall enrollment in public institutions of higher education, by attendance status, sex, and state: 1995 and 1996

State or other area	Fall 1995					Fall 1996 ¹				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	11,092,374	2,769,745	3,155,556	2,137,890	3,029,183	11,090,171	2,767,918	3,196,256	2,119,619	3,006,378
Alabama	203,165	60,666	72,704	29,366	40,429	196,531	58,741	72,625	27,430	37,735
Alaska	28,368	5,171	6,201	6,290	10,706	27,828	5,069	6,114	6,105	10,540
Arizona	254,530	52,572	57,142	59,849	84,967	253,469	53,035	58,398	59,357	82,679
Arkansas	87,067	25,493	31,866	11,145	18,563	89,457	25,448	32,168	12,043	19,798
California	1,564,230	319,499	362,281	378,663	503,787	1,624,907	323,279	373,860	396,407	531,361
Colorado	210,312	52,690	55,717	42,163	59,742	209,183	52,670	56,526	41,417	58,570
Connecticut	100,539	21,063	23,818	21,226	34,432	97,588	20,828	23,509	20,369	32,882
Delaware	36,204	9,713	12,429	5,897	8,165	36,579	9,902	12,914	5,642	8,121
District of Columbia	9,663	1,444	2,015	2,482	3,722	7,456	1,111	1,502	2,021	2,822
Florida	530,607	105,794	126,880	118,165	179,768	531,030	105,225	129,429	117,791	178,585
Georgia	248,682	68,441	86,296	36,366	57,579	249,284	68,799	87,760	35,959	56,766
Hawaii	50,198	12,419	14,997	9,392	13,390	47,370	11,830	14,261	8,973	12,306
Idaho	48,986	14,759	15,562	7,443	11,222	49,392	14,959	16,152	7,319	10,962
Illinois	530,248	116,061	128,965	114,352	170,870	532,470	115,679	130,360	114,651	171,780
Indiana	224,795	65,085	71,868	37,579	50,263	220,967	65,790	72,309	35,575	47,293
Iowa	122,396	41,636	42,672	14,870	23,218	125,923	42,482	43,120	16,122	24,199
Kansas	160,449	41,551	43,254	29,814	45,830	155,429	40,718	42,407	29,448	42,856
Kentucky	148,808	42,192	53,218	19,316	34,082	147,423	41,903	53,328	19,031	33,161
Louisiana	174,873	54,727	68,616	18,188	33,342	174,589	54,723	69,386	17,690	32,790
Maine	38,195	10,024	10,288	6,646	11,237	37,888	9,866	10,377	6,439	11,206
Maryland	222,857	46,869	56,092	46,512	73,384	217,277	46,829	57,343	43,239	69,866
Massachusetts	176,777	43,528	50,097	32,004	51,148	173,416	42,568	49,371	31,656	49,821
Michigan	462,390	106,872	119,925	98,467	137,126	458,989	106,972	121,283	96,597	134,137
Minnesota	217,249	55,886	58,199	43,815	59,349	208,540	57,308	61,630	37,618	51,984
Mississippi	110,600	37,592	45,524	9,988	17,496	114,905	38,142	47,113	11,122	18,528
Missouri	189,993	48,618	56,455	31,883	53,037	189,269	48,602	56,982	31,333	52,352
Montana	37,435	14,596	14,638	3,320	4,881	38,000	14,585	14,835	3,440	5,140
Nebraska	95,599	25,462	26,147	18,694	25,296	99,717	25,969	27,281	19,711	26,756
Nevada	66,683	9,790	11,031	19,698	26,164	71,925	10,695	11,944	21,299	27,987
New Hampshire	36,069	10,016	11,947	5,461	8,645	36,365	9,852	11,757	5,625	9,131
New Jersey	271,069	63,116	73,508	53,991	80,454	264,596	62,969	74,721	50,532	76,374
New Mexico	97,220	21,459	25,789	19,638	30,334	97,630	21,005	25,536	19,975	31,114
New York	588,491	158,869	197,894	87,647	144,081	572,482	156,287	196,219	83,524	136,452
North Carolina	303,099	79,417	101,777	49,422	72,483	302,939	79,171	103,283	49,258	71,227
North Dakota	36,810	15,101	13,936	3,371	4,402	36,765	15,056	13,913	3,468	4,328
Ohio	409,818	115,135	133,907	65,403	95,373	405,339	113,072	133,729	64,332	94,206
Oklahoma	158,026	42,828	47,622	27,747	39,829	154,381	42,636	47,018	26,458	38,269
Oregon	143,617	34,837	36,319	31,503	40,958	141,429	35,501	37,787	29,666	38,475
Pennsylvania	339,928	104,724	113,496	47,661	74,047	335,181	104,176	114,027	45,999	70,979
Rhode Island	38,653	8,123	11,040	6,919	12,571	37,487	7,922	10,883	6,660	12,022
South Carolina	148,706	39,600	48,272	22,148	38,686	148,363	39,825	49,454	21,248	37,836
South Dakota	29,693	10,710	11,159	2,858	4,966	28,564	10,209	10,784	2,845	4,726
Tennessee	193,136	51,586	63,275	32,233	46,042	194,097	51,535	64,945	32,008	45,609
Texas	836,851	205,744	225,376	174,241	231,490	838,091	206,177	229,838	172,222	229,854
Utah	110,560	32,939	32,010	22,957	22,654	114,195	31,794	31,476	25,349	25,576
Vermont	20,470	6,094	6,749	2,464	5,163	20,139	6,177	6,738	2,359	4,865
Virginia	293,127	73,170	83,865	55,091	81,001	292,412	73,540	84,570	54,098	80,204
Washington	246,635	69,018	78,010	40,335	59,272	251,869	69,556	79,870	41,608	60,835
West Virginia	74,857	25,009	25,724	8,542	15,582	74,755	24,858	25,898	8,742	15,257
Wisconsin	245,770	68,248	77,247	41,414	58,861	244,628	68,582	77,531	40,930	57,585
Wyoming	29,420	7,783	9,061	4,543	8,033	29,994	7,642	9,110	4,690	8,552
U.S. Service Schools	88,451	16,006	2,676	58,708	11,061	81,669	16,649	2,882	52,219	9,919
Outlying areas	77,050	22,397	36,464	6,978	11,211	79,861	23,347	39,099	6,616	10,799
American Samoa	1,232	428	436	217	151	1,239	435	442	215	147
Federated States of Micronesia	1,296	518	447	150	181	1,396	471	476	184	265
Guam	6,010	989	1,597	1,567	1,857	5,335	944	1,549	1,270	1,572
Marshall Islands	418	89	75	146	108	431	125	109	115	82
Northern Marianas	959	203	253	188	315	1,096	223	267	221	385
Palau	351	143	125	31	52	332	143	112	28	49
Puerto Rico	63,730	19,705	32,461	4,232	7,332	67,134	20,690	35,131	4,200	7,113
Virgin Islands	3,054	322	1,070	447	1,215	2,898	316	1,013	383	1,186

¹ Preliminary data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 195.—Total fall enrollment in private institutions of higher education, by attendance status, sex, and state: 1995 and 1996

State or other area	Fall 1995					Fall 1996 ¹				
	Total	Full-time		Part-time		Total	Full-time		Part-time	
		Men	Women	Men	Women		Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
United States	3,169,407	1,037,647	1,165,854	397,257	568,649	3,210,084	1,047,601	1,201,715	408,854	551,914
Alabama	22,447	8,047	10,327	1,698	2,375	22,968	7,966	10,989	1,549	2,464
Alaska	980	253	358	154	215	1,018	282	419	120	197
Arizona	19,451	9,113	7,227	1,377	1,734	23,363	10,738	8,968	1,605	2,052
Arkansas	11,113	4,584	5,235	481	813	11,231	4,605	5,494	445	687
California	252,812	88,877	96,259	31,604	36,072	257,727	90,614	99,639	31,002	36,472
Colorado	32,427	10,202	10,277	5,954	5,994	33,766	10,659	11,210	5,788	6,109
Connecticut	57,156	17,814	19,404	8,397	11,541	57,773	18,380	20,187	8,015	11,191
Delaware	8,103	1,574	1,823	1,679	3,027	8,259	1,506	1,872	1,638	3,243
District of Columbia	67,614	21,262	25,628	9,325	11,399	66,783	20,958	25,781	8,941	11,103
Florida	106,696	36,574	35,292	17,259	17,571	110,143	36,938	37,467	17,009	18,729
Georgia	66,030	25,521	29,367	4,554	6,588	68,715	26,194	31,213	4,379	6,929
Hawaii	13,000	3,756	4,169	2,638	2,437	14,013	4,162	5,072	2,469	2,310
Idaho	10,580	4,254	5,574	263	489	10,512	4,225	5,498	254	535
Illinois	187,606	58,908	64,465	26,971	37,262	188,517	59,165	65,711	26,574	37,067
Indiana	64,820	25,856	26,950	3,719	8,295	65,359	26,000	27,381	3,790	8,188
Iowa	51,439	16,917	19,498	4,608	10,416	51,098	16,645	19,611	5,418	9,424
Kansas	17,194	5,843	6,890	1,632	2,829	16,921	5,700	6,854	1,590	2,777
Kentucky	30,050	10,037	12,211	2,709	5,093	30,326	10,152	12,548	2,758	4,868
Louisiana	29,062	9,565	11,355	3,632	4,510	28,928	9,046	11,641	4,138	4,103
Maine	18,352	4,608	6,632	1,332	5,780	17,757	4,739	6,769	1,267	4,982
Maryland	43,453	10,953	12,597	7,563	12,340	43,480	11,038	13,008	7,346	12,088
Massachusetts	237,017	78,142	90,246	27,058	41,571	236,911	78,037	91,365	26,968	40,541
Michigan	85,949	20,532	26,921	15,289	23,207	87,985	20,905	29,171	14,823	23,086
Minnesota	63,567	19,033	24,982	7,565	11,987	66,722	19,395	25,913	7,218	14,196
Mississippi	12,090	3,798	5,053	1,231	2,008	11,329	3,499	4,712	1,132	1,986
Missouri	101,543	29,240	31,815	17,519	22,969	101,264	30,711	33,379	16,019	21,155
Montana	5,239	1,371	2,151	671	1,046	5,145	1,345	2,178	640	982
Nebraska	20,119	6,663	8,382	1,633	3,441	19,583	6,569	8,498	1,459	3,057
Nevada	1,143	406	493	89	155	1,542	552	643	113	234
New Hampshire	28,258	8,291	9,651	3,609	6,707	28,098	8,268	9,587	3,593	6,650
New Jersey	62,762	18,828	19,482	9,704	14,748	63,592	19,444	19,843	9,569	14,736
New Mexico	5,185	1,847	2,421	262	655	5,916	2,089	2,790	303	734
New York	453,075	142,843	165,358	54,779	90,095	455,388	142,696	169,941	54,013	88,738
North Carolina	68,931	26,339	30,555	4,826	7,211	70,229	26,751	31,643	4,784	7,051
North Dakota	3,589	1,361	1,820	109	299	3,789	1,398	1,938	134	319
Ohio	130,457	42,257	46,245	19,245	22,710	132,196	43,394	47,232	19,283	22,287
Oklahoma	22,650	9,020	8,596	2,675	2,359	22,874	9,019	8,691	2,727	2,437
Oregon	23,528	8,377	9,748	2,289	3,114	23,739	8,337	10,048	2,386	2,968
Pennsylvania	277,831	81,711	88,388	43,832	63,900	286,813	82,293	90,513	60,384	53,623
Rhode Island	35,447	14,399	13,268	3,723	4,057	34,945	14,241	13,325	3,510	3,869
South Carolina	25,419	9,380	11,887	1,518	2,634	25,940	9,587	12,406	1,432	2,515
South Dakota	7,002	1,876	2,862	752	1,512	6,809	1,884	2,884	658	1,383
Tennessee	52,826	21,424	23,315	3,085	5,002	52,946	21,424	23,994	3,075	4,453
Texas	115,674	42,853	41,898	15,337	15,586	117,348	42,513	42,950	15,850	16,035
Utah	36,764	16,079	16,675	1,897	2,113	37,442	16,044	16,818	2,412	2,168
Vermont	14,595	5,144	5,990	1,135	2,326	14,951	5,111	6,145	1,135	2,560
Virginia	62,792	18,400	25,029	8,303	11,060	61,376	18,765	25,355	7,366	9,890
Washington	39,184	12,896	15,826	4,250	6,212	40,311	13,163	17,010	4,208	5,930
West Virginia	11,177	3,839	5,211	649	1,478	10,934	3,697	5,205	640	1,392
Wisconsin	54,453	16,031	20,041	6,674	11,707	54,499	15,960	20,193	6,925	11,421
Wyoming	756	749	7	—	—	811	798	13	—	—
Outlying areas	106,607	31,129	47,415	11,566	16,497	101,799	29,458	46,158	11,314	14,869
American Samoa	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	—	—	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—
Puerto Rico	106,607	31,129	47,415	11,566	16,497	101,799	29,458	46,158	11,314	14,869
Virgin Islands	—	—	—	—	—	—	—	—	—	—

¹Preliminary data.
—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998).

Table 196.—Total fall enrollment in institutions of higher education, by control, type of institution, and state: 1995 and 1996

State or other area	Fall 1995						Fall 1996 ¹					
	Public 4-year	Public 2-year	Private 4-year		Private 2-year		Public 4-year	Public 2-year	Private 4-year		Private 2-year	
			Total	Nonprofit	Total	Nonprofit			Total	Nonprofit	Total	Nonprofit
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	5,814,545	5,277,829	2,954,707	2,853,890	214,700	75,154	5,806,904	5,283,267	2,995,931	2,871,693	214,153	68,864
Alabama	126,508	76,657	21,949	21,949	498	223	122,796	73,735	21,869	21,869	1,099	169
Alaska	27,556	812	776	776	204	—	27,077	751	692	692	326	—
Arizona	101,718	152,812	18,562	7,579	889	—	102,501	150,968	22,402	8,691	961	—
Arkansas	62,809	24,258	10,667	10,667	446	446	62,094	27,363	10,825	10,825	406	406
California	490,231	1,073,999	238,755	217,702	14,057	7,853	504,803	1,120,104	243,468	217,372	14,259	9,125
Colorado	132,616	77,696	28,804	22,644	3,623	39	132,293	76,890	32,205	23,049	1,561	40
Connecticut	57,711	42,828	55,594	55,344	1,562	1,021	56,548	41,040	56,217	55,963	1,556	983
Delaware	24,540	11,664	8,103	8,103	—	—	24,708	11,871	8,259	8,259	—	—
District of Columbia	9,663	—	67,614	65,481	—	—	7,456	—	66,783	64,306	—	—
Florida	206,961	323,646	101,265	92,456	5,431	1,094	211,159	319,871	104,308	94,287	5,835	—
Georgia	160,425	88,257	61,480	55,870	4,550	3,127	159,013	90,271	64,257	57,592	4,458	3,251
Hawaii	23,345	26,853	13,000	12,900	—	—	21,691	25,679	14,013	13,338	—	—
Idaho	41,449	7,537	2,308	2,308	8,272	7,956	41,344	8,048	2,390	2,390	8,122	7,755
Illinois	192,532	337,716	183,336	172,421	4,270	3,564	192,319	340,151	184,393	172,466	4,124	3,443
Indiana	184,184	40,611	61,331	59,622	3,489	2,118	182,946	38,021	61,849	60,064	3,510	2,190
Iowa	65,841	56,555	50,324	50,020	1,115	1,115	66,539	59,384	50,044	49,757	1,054	1,054
Kansas	86,770	73,679	16,316	16,316	878	878	85,934	69,495	16,048	16,048	873	873
Kentucky	105,529	43,279	27,382	25,235	2,668	937	104,317	43,106	27,717	25,425	2,609	346
Louisiana	147,920	26,953	27,884	27,393	1,178	768	147,238	27,351	27,507	25,930	1,421	1,421
Maine	31,275	6,920	16,437	16,437	1,915	85	30,979	6,909	15,946	15,946	1,811	88
Maryland	113,738	109,119	42,267	42,267	1,186	669	113,159	104,118	42,299	42,299	1,181	660
Massachusetts	101,814	74,963	228,964	228,897	8,053	7,382	101,824	71,592	229,983	229,922	6,928	6,195
Michigan	258,996	203,394	83,304	83,304	2,645	2,645	259,414	199,575	86,298	85,688	1,687	1,687
Minnesota	117,188	100,061	59,410	58,318	4,157	1,905	117,831	90,709	61,954	60,278	4,768	2,029
Mississippi	58,847	51,753	11,278	11,278	812	812	60,560	54,345	10,614	10,614	715	715
Missouri	117,871	72,122	96,946	93,909	4,597	2,629	117,213	72,056	96,973	93,677	4,291	2,437
Montana	31,412	6,023	4,319	4,319	920	920	31,697	6,303	4,314	4,314	831	831
Nebraska	58,081	37,518	19,575	19,575	544	—	57,266	42,451	19,583	19,583	—	—
Nevada	30,831	35,852	1,116	466	27	27	30,988	40,937	1,518	583	24	24
New Hampshire	26,497	9,572	24,227	24,227	4,031	491	26,547	9,818	24,229	24,229	3,869	392
New Jersey	137,829	133,240	58,045	58,045	4,717	167	137,493	127,103	58,402	58,402	5,190	131
New Mexico	49,819	47,401	4,231	2,598	954	—	48,818	48,812	4,865	2,819	1,051	—
New York	335,728	252,763	425,065	419,181	28,010	6,446	328,666	243,816	431,012	421,722	24,376	6,077
North Carolina	157,414	145,685	67,448	67,448	1,483	1,339	156,539	146,400	69,220	69,220	1,009	893
North Dakota	28,396	8,414	3,334	3,334	255	255	28,052	8,713	3,514	3,514	275	275
Ohio	262,036	147,782	117,115	114,199	13,342	3,043	258,417	146,922	118,757	115,767	13,439	3,109
Oklahoma	95,387	62,639	20,621	20,621	2,029	719	93,778	60,603	20,837	20,837	2,037	755
Oregon	63,056	80,561	23,359	22,748	169	—	64,413	77,016	23,739	23,092	—	—
Pennsylvania	233,433	106,495	220,269	220,134	57,562	6,708	232,223	102,958	219,848	219,734	66,965	7,420
Rhode Island	22,764	15,889	33,021	33,021	2,426	2,426	22,251	15,236	34,945	34,945	—	—
South Carolina	87,813	60,893	24,124	24,124	1,295	804	87,344	61,019	24,626	24,626	1,314	765
South Dakota	29,484	209	6,769	4,968	233	233	28,367	197	6,605	4,906	204	204
Tennessee	115,042	78,094	50,388	50,001	2,438	1,098	115,467	78,630	51,065	50,257	1,881	621
Texas	417,431	419,420	109,724	107,409	5,950	763	414,021	424,070	111,166	108,747	6,182	796
Utah	80,088	30,472	35,505	33,287	1,259	830	81,313	32,882	36,186	33,313	1,256	801
Vermont	15,835	4,635	14,394	14,394	201	201	15,578	4,561	14,717	14,717	234	234
Virginia	164,782	128,345	57,917	51,461	4,875	1,266	167,809	124,603	56,762	49,774	4,614	539
Washington	86,080	160,555	36,950	36,400	2,234	16	87,304	164,565	37,785	37,299	2,526	16
West Virginia	67,877	6,980	10,391	10,391	786	—	68,036	6,719	10,187	10,187	747	—
Wisconsin	139,192	106,578	52,744	52,343	1,709	136	140,964	103,664	52,736	52,359	1,763	114
Wyoming	11,361	18,059	—	—	756	—	11,251	18,743	—	—	811	—
U.S. Service Schools	18,840	69,611	—	—	—	—	18,546	63,123	—	—	—	—
Outlying areas	62,568	14,482	97,712	95,142	8,895	1,363	67,569	12,292	92,849	89,815	8,950	1,074
American Samoa	—	1,232	—	—	—	—	—	1,239	—	—	—	—
Federated States of Micro- nesia	—	1,296	—	—	—	—	—	1,396	—	—	—	—
Guam	3,654	2,356	—	—	—	—	3,383	1,952	—	—	—	—
Marshall Islands	—	418	—	—	—	—	—	431	—	—	—	—
Northern Marianas	—	959	—	—	—	—	—	1,096	—	—	—	—
Palau	—	351	—	—	—	—	—	332	—	—	—	—
Puerto Rico	55,860	7,870	97,712	95,142	8,895	1,363	61,288	5,846	92,849	89,815	8,950	1,074
Virgin Islands	3,054	—	—	—	—	—	2,898	—	—	—	—	—

¹ Preliminary data.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared January 1999.)

Table 197.—Total fall enrollment in institutions of higher education, by level of enrollment and state: 1994 to 1996

State or other area	Fall 1994				Fall 1995			Fall 1996 ¹			
	Total	Under-graduate	First-professional	Graduate	Under-graduate	First-professional	Graduate	Total	Under-graduate	First-professional	Graduate
1	2	3	4	5	6	7	8	9	10	11	12
United States	14,278,790	12,262,608	294,713	1,721,469	12,231,719	297,592	1,732,470	14,300,255	12,259,417	297,739	1,743,099
Alabama	229,511	202,408	3,834	23,269	198,050	4,139	23,423	219,499	192,979	4,141	22,379
Alaska	28,798	27,189	—	1,609	27,657	—	1,691	28,846	27,291	—	1,555
Arizona	274,932	241,290	1,549	32,093	242,113	1,561	30,307	276,832	243,247	1,553	32,032
Arkansas	96,294	87,197	1,705	7,392	88,460	1,702	8,018	100,688	90,840	1,667	8,181
California	1,835,791	1,624,924	35,340	175,527	1,605,825	35,547	175,670	1,882,634	1,666,592	33,404	182,638
Colorado	241,295	201,110	3,206	36,979	201,005	3,130	38,604	242,949	202,559	3,173	37,217
Connecticut	159,990	125,939	3,394	30,657	124,063	3,416	30,216	155,361	121,831	3,407	30,123
Delaware	44,197	38,296	1,333	4,568	38,177	1,289	4,841	44,838	38,624	1,272	4,942
District of Columbia	77,256	43,623	8,819	24,814	43,365	9,068	24,844	74,239	41,004	8,956	24,279
Florida	634,237	562,961	8,653	62,623	564,635	9,284	63,384	641,173	566,243	9,870	65,060
Georgia	308,587	263,604	9,595	35,388	267,900	10,060	36,752	317,999	270,167	10,222	37,610
Hawaii	64,322	55,850	495	7,977	54,901	498	7,799	61,383	53,438	467	7,478
Idaho	60,393	51,783	559	8,051	51,978	529	7,059	59,904	52,594	546	6,764
Illinois	731,420	617,549	17,173	96,698	601,745	17,368	98,741	720,987	604,941	17,208	98,838
Indiana	292,276	252,801	5,513	33,962	249,847	5,339	34,429	286,326	246,852	5,432	34,042
Iowa	172,450	149,331	6,650	16,469	151,082	6,568	16,185	177,021	154,081	6,463	16,477
Kansas	170,603	148,046	2,075	20,482	155,852	2,074	19,717	172,350	150,015	2,101	20,234
Kentucky	182,577	158,177	4,512	19,888	153,840	4,647	20,371	177,749	152,535	4,783	20,431
Louisiana	203,567	172,561	6,102	24,904	171,941	6,129	25,865	203,517	172,017	6,058	25,442
Maine	56,724	50,274	667	5,783	49,730	681	6,136	55,645	49,109	713	5,823
Maryland	266,214	220,535	4,173	41,506	218,536	4,410	43,364	260,757	213,735	4,305	42,717
Massachusetts	416,505	323,868	13,283	79,354	319,541	13,450	80,803	410,327	315,321	13,494	81,512
Michigan	551,307	474,357	10,681	66,269	470,493	10,719	67,127	546,974	467,576	10,445	68,953
Minnesota	289,300	251,649	5,838	31,813	242,048	6,085	32,683	275,262	234,087	6,223	34,952
Mississippi	120,884	108,003	1,895	10,986	109,298	1,759	11,633	126,234	112,430	1,867	11,937
Missouri	293,810	247,484	10,208	36,118	242,876	9,370	39,290	290,533	240,430	9,665	40,438
Montana	40,095	36,414	235	3,446	39,113	236	3,325	43,145	39,628	227	3,290
Nebraska	116,000	100,482	3,219	12,299	100,107	3,165	12,446	119,300	103,799	3,116	12,385
Nevada	64,085	57,103	218	6,764	60,398	211	7,217	73,467	65,835	205	7,427
New Hampshire	62,847	53,154	724	8,969	54,114	702	9,511	64,463	54,428	710	9,325
New Jersey	335,480	286,020	6,588	42,872	284,552	6,611	42,668	328,188	279,431	6,586	42,171
New Mexico	101,881	88,643	625	12,613	88,793	635	12,977	103,546	89,360	871	13,315
New York	1,057,841	856,719	27,707	173,415	841,352	27,783	172,431	1,027,870	829,446	27,422	171,002
North Carolina	369,386	327,812	6,525	35,049	329,893	6,663	35,474	373,168	330,738	7,169	35,261
North Dakota	40,184	37,016	483	2,685	37,183	447	2,769	40,554	37,374	438	2,742
Ohio	549,304	471,266	12,321	65,717	461,524	12,500	66,251	537,535	458,748	12,425	66,362
Oklahoma	185,174	159,288	3,582	22,304	154,949	3,481	22,246	177,255	152,668	3,101	21,486
Oregon	164,447	144,583	3,559	16,305	147,444	3,653	16,048	165,168	144,434	3,807	16,927
Pennsylvania	611,174	513,257	15,462	82,455	520,371	15,626	81,762	621,994	525,882	15,605	80,507
Rhode Island	74,718	64,743	655	9,320	64,072	820	9,208	72,432	62,259	869	9,304
South Carolina	173,070	148,120	2,369	22,581	148,808	2,423	22,894	174,303	149,508	2,738	22,057
South Dakota	37,764	33,281	512	3,971	32,160	637	3,898	35,373	30,909	672	3,792
Tennessee	242,966	211,374	5,766	25,826	213,842	5,619	26,501	247,043	214,286	5,690	27,067
Texas	954,495	832,145	19,194	103,156	830,381	19,463	102,681	955,439	833,031	19,890	102,518
Utah	146,196	132,211	1,250	12,735	134,319	1,253	11,752	151,637	138,119	1,254	12,264
Vermont	35,409	30,459	898	4,052	30,488	890	3,687	35,090	30,285	896	3,909
Virginia	354,149	300,598	6,419	47,132	300,612	6,461	48,846	353,788	298,491	6,900	48,397
Washington	284,662	257,746	3,307	23,609	259,928	3,596	22,295	292,180	265,685	3,758	22,737
West Virginia	87,741	74,844	1,384	11,513	73,845	1,397	10,792	85,689	73,279	1,420	10,990
Wisconsin	303,861	269,548	3,568	30,745	267,273	3,605	29,345	299,127	265,835	3,653	29,639
Wyoming	30,682	27,771	232	2,679	27,620	225	2,331	30,805	28,374	209	2,222
U.S. Service Schools	51,939	47,202	659	4,078	83,620	668	4,163	81,669	77,047	673	3,949
Outlying areas	170,686	155,093	2,691	12,902	168,107	2,890	12,660	181,660	165,153	3,132	13,375
American Samoa	1,249	1,249	—	—	1,232	—	—	1,239	1,239	—	—
Federated States of Micronesia	1,374	1,374	—	—	1,296	—	—	1,396	1,396	—	—
Guam	6,449	6,052	—	397	5,644	—	366	5,335	4,986	—	349
Marshall Islands	424	424	—	—	418	—	—	431	431	—	—
Northern Marianas	1,253	1,253	—	—	959	—	—	1,096	1,096	—	—
Palau	403	403	—	—	351	—	—	332	332	—	—
Puerto Rico	156,439	141,543	2,691	12,205	155,430	2,890	12,017	168,933	153,007	3,132	12,794
Virgin Islands	3,095	2,795	—	300	2,777	—	277	2,898	2,666	—	232

¹ Preliminary data.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared May 1998.)

Table 198.—Total fall enrollment in institutions of higher education, by control, level of enrollment, and state: 1996¹

State or other area	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	9,905,339	4,622,497	5,282,842	116,385	1,068,447	2,354,078	2,140,047	214,031	181,354	674,652
Alabama	173,387	99,652	73,735	2,236	20,908	19,592	18,493	1,099	1,905	1,471
Alaska	26,462	25,711	751	—	1,366	829	503	326	—	189
Arizona	227,432	76,464	150,968	1,553	24,484	15,815	14,854	961	—	7,548
Arkansas	79,878	52,515	27,363	1,667	7,912	10,962	10,556	406	—	269
California	1,518,803	398,699	1,120,104	7,910	98,194	147,789	133,530	14,259	25,494	84,444
Colorado	180,235	103,345	76,890	1,811	27,137	22,324	20,763	1,561	1,362	10,080
Connecticut	82,015	40,975	41,040	1,143	14,430	39,816	38,260	1,556	2,264	15,693
Delaware	32,995	21,124	11,871	—	3,584	5,629	5,629	—	1,272	1,358
District of Columbia	7,105	7,105	—	—	351	33,899	33,899	—	8,956	23,928
Florida	486,171	166,300	319,871	3,654	41,205	80,072	74,237	5,835	6,216	23,855
Georgia	218,359	128,088	90,271	3,070	27,855	51,808	47,350	4,458	7,152	9,755
Hawaii	41,436	15,757	25,679	456	5,478	12,002	12,002	—	11	2,000
Idaho	42,531	34,483	8,048	546	6,315	10,063	1,941	8,122	—	449
Illinois	482,623	142,472	340,151	4,368	45,479	122,318	118,194	4,124	12,840	53,359
Indiana	190,190	152,169	38,021	3,706	27,071	56,662	53,152	3,510	1,726	6,971
Iowa	110,374	50,990	59,384	2,830	12,719	43,707	42,653	1,054	3,633	3,758
Kansas	134,934	65,439	69,495	2,020	18,475	15,081	14,208	873	81	1,759
Kentucky	126,995	83,889	43,106	3,113	17,315	25,540	22,931	2,609	1,670	3,116
Louisiana	151,275	123,924	27,351	2,629	20,685	20,742	19,321	1,421	3,429	4,757
Maine	33,888	26,979	6,909	296	3,704	15,221	13,410	1,811	417	2,119
Maryland	189,637	85,519	104,118	3,564	24,076	24,098	22,917	1,181	741	18,641
Massachusetts	153,625	82,033	71,592	433	19,358	161,696	154,768	6,928	13,061	62,154
Michigan	393,974	194,399	199,575	6,479	58,536	73,602	71,915	1,687	3,966	10,417
Minnesota	189,171	98,462	90,709	2,696	16,673	40,270	40,270	4,646	3,527	18,279
Mississippi	103,170	48,825	54,345	1,282	10,453	9,260	8,545	715	585	1,484
Missouri	168,890	96,834	72,056	2,503	17,876	71,540	67,249	4,291	7,162	22,562
Montana	34,627	28,324	6,303	227	3,146	5,001	4,170	831	—	144
Nebraska	87,688	45,237	42,451	1,304	10,725	16,111	16,111	—	1,812	1,660
Nevada	64,848	23,911	40,937	205	6,872	987	963	24	—	555
New Hampshire	32,514	22,696	9,818	—	3,851	21,914	18,045	3,869	710	5,474
New Jersey	234,198	107,095	127,103	3,615	26,783	45,233	40,043	5,190	2,971	15,388
New Mexico	84,667	35,855	48,812	717	12,246	4,693	3,642	1,051	154	1,069
New York	509,053	265,237	243,816	4,679	58,750	320,393	296,017	24,376	22,743	112,252
North Carolina	272,790	126,390	146,400	2,878	27,271	57,948	56,939	1,009	4,291	7,990
North Dakota	33,734	25,021	8,713	438	2,593	3,640	3,365	275	—	149
Ohio	352,088	205,591	146,497	7,656	45,595	106,660	93,221	13,439	4,769	20,767
Oklahoma	134,805	74,202	60,603	1,853	17,723	17,863	15,826	2,037	1,248	3,763
Oregon	127,098	50,082	77,016	1,262	13,069	17,336	17,336	—	2,545	3,858
Pennsylvania	293,891	190,933	102,958	4,449	36,841	231,991	165,026	66,965	11,156	43,666
Rhode Island	32,487	17,251	15,236	34	4,966	29,772	29,772	—	835	4,338
South Carolina	126,001	64,982	61,019	1,923	20,439	23,507	22,193	1,314	815	1,618
South Dakota	24,583	24,386	197	566	3,415	6,326	6,122	204	106	377
Tennessee	171,244	92,614	78,630	2,766	20,087	43,042	41,161	1,881	2,924	6,980
Texas	746,237	322,167	424,070	10,067	81,787	86,794	80,612	6,182	9,823	20,731
Utah	104,747	71,865	32,882	775	8,673	33,372	32,116	1,256	479	3,591
Vermont	18,255	13,694	4,561	373	1,511	12,030	11,796	234	523	2,398
Virginia	247,646	123,043	124,603	4,499	40,267	50,845	46,231	4,614	2,401	8,130
Washington	237,095	72,530	164,565	1,993	12,781	28,590	26,064	2,526	1,765	9,956
West Virginia	62,826	56,107	6,719	1,420	10,509	10,453	9,706	747	—	481
Wisconsin	222,052	118,388	103,664	1,839	20,737	43,783	42,020	1,763	1,814	8,902
Wyoming	27,563	8,820	18,743	209	2,222	811	—	811	—	—
U.S. Service Schools	77,047	13,924	63,123	673	3,949	—	—	—	—	—
Outlying areas	73,509	61,217	12,292	1,272	5,080	91,644	82,694	8,950	1,860	8,295
American Samoa	1,239	—	1,239	—	—	—	—	—	—	—
Federated States of Micronesia	1,396	—	1,396	—	—	—	—	—	—	—
Guam	4,986	3,034	1,952	—	349	—	—	—	—	—
Marshall Islands	431	—	431	—	—	—	—	—	—	—
Northern Marianas	1,096	—	1,096	—	—	—	—	—	—	—
Palau	332	—	332	—	—	—	—	—	—	—
Puerto Rico	61,363	55,517	5,846	1,272	4,499	91,644	82,694	8,950	1,860	8,295
Virgin Islands	2,666	2,666	—	—	232	—	—	—	—	—

¹ Preliminary data.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1996" survey. (This table was prepared May 1998.)

Table 199.—Total fall enrollment in institutions of higher education, by control, level of enrollment, and state: 1995

State or other area	Public					Private				
	Undergraduate			First-professional	Graduate	Undergraduate			First-professional	Graduate
	Total	4-year	2-year			Total	4-year	2-year		
1	2	3	4	5	6	7	8	9	10	11
United States	9,903,626	4,626,228	5,277,398	115,072	1,073,676	2,328,093	2,113,393	214,700	182,520	658,794
Alabama	179,073	102,416	76,657	2,282	21,810	18,977	18,479	498	1,857	1,613
Alaska	26,878	26,066	812	—	1,490	779	575	204	—	201
Arizona	228,108	75,296	152,812	1,561	24,861	14,005	13,116	889	—	5,446
Arkansas	77,654	53,396	24,258	1,702	7,711	10,806	10,360	446	—	307
California	1,461,528	387,529	1,073,999	7,866	94,836	144,297	130,240	14,057	27,681	80,834
Colorado	179,961	102,265	77,696	1,784	28,567	21,044	17,421	3,623	1,346	10,037
Connecticut	84,780	41,952	42,828	1,161	14,598	39,283	37,721	1,562	2,255	15,618
Delaware	32,707	21,043	11,664	—	3,497	5,470	5,470	—	1,289	1,344
District of Columbia	9,179	9,179	—	—	484	34,186	34,186	—	9,068	24,360
Florida	486,639	162,993	323,646	3,411	40,557	77,996	72,565	5,431	5,873	22,827
Georgia	217,773	129,516	88,257	3,076	27,833	50,127	45,577	4,550	6,984	8,919
Hawaii	43,651	16,798	26,853	453	6,094	11,250	11,250	—	45	1,705
Idaho	41,777	34,240	7,537	529	6,680	10,201	1,929	8,272	—	379
Illinois	479,731	142,015	337,716	4,397	46,120	122,014	117,744	4,270	12,971	52,621
Indiana	193,364	152,753	40,611	3,529	27,902	56,483	52,994	3,489	1,810	6,527
Iowa	106,854	50,299	56,555	2,811	12,731	44,228	43,113	1,115	3,757	3,454
Kansas	140,376	66,697	73,679	2,005	18,068	15,476	14,598	878	69	1,649
Kentucky	128,633	85,354	43,279	2,990	17,185	25,207	22,539	2,668	1,657	3,186
Louisiana	151,350	124,397	26,953	2,631	20,892	20,591	19,413	1,178	3,498	4,973
Maine	34,057	27,137	6,920	286	3,852	15,673	13,758	1,915	395	2,284
Maryland	194,618	85,499	109,119	3,593	24,646	23,918	22,732	1,186	817	18,718
Massachusetts	157,775	82,812	74,963	423	18,579	161,766	153,713	8,053	13,027	62,224
Michigan	397,593	194,199	203,394	6,615	58,182	72,900	70,255	2,645	4,104	8,945
Minnesota	198,113	98,052	100,061	2,612	16,524	43,935	39,778	4,157	3,473	16,159
Mississippi	99,430	47,677	51,753	1,212	9,958	9,868	9,056	812	547	1,675
Missouri	169,460	97,338	72,122	2,441	18,092	73,416	68,819	4,597	6,929	21,198
Montana	34,020	27,997	6,023	236	3,179	5,093	4,173	920	—	146
Nebraska	83,346	45,828	37,518	1,345	10,908	16,761	16,217	544	1,820	1,538
Nevada	59,581	23,729	35,852	211	6,891	817	790	27	—	326
New Hampshire	32,122	22,550	9,572	—	3,947	21,992	17,961	4,031	702	5,564
New Jersey	240,280	107,040	133,240	3,593	27,196	44,272	39,555	4,717	3,018	15,472
New Mexico	84,537	37,136	47,401	635	12,048	4,256	3,302	954	—	929
New York	523,666	270,903	252,763	4,760	60,065	317,686	289,676	28,010	23,023	112,366
North Carolina	272,390	126,705	145,685	2,604	28,105	57,503	56,020	1,483	4,059	7,369
North Dakota	33,726	25,312	8,414	447	2,637	3,457	3,202	255	—	132
Ohio	355,683	208,332	147,351	7,722	46,413	105,841	92,499	13,342	4,778	19,838
Oklahoma	137,601	74,962	62,639	2,045	18,380	17,348	15,319	2,029	1,436	3,866
Oregon	130,049	49,488	80,561	1,200	12,368	17,395	17,226	169	2,453	3,680
Pennsylvania	297,548	191,053	106,495	4,416	37,964	222,823	165,261	57,562	11,210	43,798
Rhode Island	33,619	17,730	15,889	15	5,019	30,453	28,027	2,426	805	4,189
South Carolina	125,825	64,932	60,893	1,876	21,005	22,983	21,688	1,295	547	1,889
South Dakota	25,660	25,451	209	533	3,500	6,500	6,267	233	104	398
Tennessee	170,622	92,528	78,094	2,749	19,765	43,220	40,782	2,438	2,870	6,736
Texas	744,492	325,072	419,420	9,829	82,530	85,889	79,939	5,950	9,634	20,151
Utah	101,576	71,104	30,472	785	8,199	32,743	31,484	1,259	468	3,553
Vermont	18,559	13,924	4,635	377	1,534	11,929	11,728	201	513	2,153
Virginia	248,866	120,521	128,345	4,376	39,885	51,746	46,871	4,875	2,085	8,961
Washington	231,917	71,362	160,555	1,831	12,887	28,011	25,777	2,234	1,765	9,408
West Virginia	63,108	56,128	6,980	1,397	10,352	10,737	9,951	786	—	440
Wisconsin	223,287	116,709	106,578	1,827	20,656	43,986	42,277	1,709	1,778	8,689
Wyoming	26,864	8,805	18,059	225	2,331	756	—	756	—	—
U.S. Service Schools	83,620	14,009	69,611	668	4,163	—	—	—	—	—
Outlying areas	70,515	56,033	14,482	1,114	5,421	97,592	88,697	8,895	1,776	7,239
American Samoa	1,232	—	1,232	—	—	—	—	—	—	—
Federated States of Micronesia	1,296	—	1,296	—	—	—	—	—	—	—
Guam	5,644	3,288	2,356	—	366	—	—	—	—	—
Marshall Islands	418	—	418	—	—	—	—	—	—	—
Northern Marianas	959	—	959	—	—	—	—	—	—	—
Palau	351	—	351	—	—	—	—	—	—	—
Puerto Rico	57,838	49,968	7,870	1,114	4,778	97,592	88,697	8,895	1,776	7,239
Virgin Islands	2,777	2,777	—	—	277	—	—	—	—	—

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1995" survey. (This table was prepared May 1998.)

Table 200.—Full-time-equivalent fall enrollment in institutions of higher education and degree-granting institutions, by control and type of institution: 1969 to 1996

Year	All institutions			Public institutions			Private institutions		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Institutions of higher education									
1969	6,334,139	4,899,526	1,434,612	4,577,985	3,259,676	1,318,309	1,756,153	1,639,850	116,303
1970	6,737,817	5,145,410	1,592,404	4,953,149	3,468,572	1,484,577	1,784,665	1,676,838	107,827
1971	7,148,575	5,357,708	1,790,867	5,344,356	3,660,624	1,683,732	1,804,219	1,697,084	107,135
1972	7,253,712	5,406,792	1,846,921	5,452,851	3,706,238	1,746,613	1,800,862	1,700,554	100,308
1973	7,453,467	5,439,226	2,014,241	5,629,568	3,721,035	1,908,533	1,823,899	1,718,191	105,708
1974	7,805,454	5,606,248	2,199,206	5,944,799	3,847,542	2,097,257	1,860,655	1,758,706	101,949
1975	8,479,688	5,900,403	2,579,285	6,522,310	4,056,500	2,465,810	1,957,378	1,843,903	113,475
1976	8,312,502	5,848,001	2,464,501	6,349,903	3,998,450	2,351,453	1,962,599	1,849,551	113,048
1977	8,415,339	5,935,076	2,480,263	6,396,476	4,039,071	2,357,405	2,018,863	1,896,005	122,858
1978	8,348,482	5,932,357	2,416,125	6,279,199	3,996,126	2,283,073	2,069,283	1,936,231	133,052
1979	8,487,317	6,016,072	2,471,245	6,392,617	4,059,304	2,333,313	2,094,700	1,956,768	137,932
1980	8,819,013	6,161,372	2,657,641	6,642,294	4,158,267	2,484,027	2,176,719	2,003,105	¹ 173,614
1981	9,014,521	6,249,847	2,764,674	6,781,300	4,208,506	2,572,794	2,233,221	2,041,341	¹ 191,880
1982	9,091,648	6,248,923	2,842,725	6,850,589	4,220,648	2,629,941	2,241,059	2,028,275	212,784
1983	9,166,398	6,325,222	2,841,176	6,881,479	4,265,807	2,615,672	2,284,919	2,059,415	225,504
1984	8,951,695	6,292,711	2,658,984	6,684,664	4,237,895	2,446,769	2,267,031	2,054,816	212,215
1985	8,943,433	6,294,339	2,649,094	6,667,781	4,239,622	2,428,159	2,275,652	2,054,717	220,935
1986	9,064,165	6,360,325	2,703,842	6,778,045	4,295,494	2,482,551	2,286,122	2,064,831	² 221,291
1987	9,229,736	6,486,504	2,743,230	6,937,690	4,395,728	2,541,961	2,292,045	2,090,776	201,269
1988	9,464,271	6,664,146	2,800,125	7,096,905	4,505,774	2,591,131	2,367,366	2,158,372	208,994
1989	9,780,881	6,813,602	2,967,279	7,371,590	4,619,828	2,751,762	2,409,291	2,193,774	215,517
1990	9,983,436	6,968,008	3,015,428	7,557,982	4,740,049	2,817,933	2,425,454	2,227,959	197,495
1991	10,360,606	7,081,454	3,279,152	7,862,845	4,795,704	3,067,141	2,497,761	2,285,750	212,011
1992	10,436,776	7,129,379	3,307,397	7,911,701	4,797,884	3,113,817	2,525,075	2,331,495	193,580
1993	10,351,415	7,120,921	3,230,494	7,812,394	4,765,983	3,046,411	2,539,021	2,354,938	184,083
1994	10,348,072	7,137,341	3,210,731	7,784,396	4,749,524	3,034,872	2,563,676	2,387,817	175,859
1995	10,334,956	7,172,844	3,162,112	7,751,815	4,757,223	2,994,592	2,583,141	2,415,621	167,520
1996 ³	10,402,260	7,231,680	3,170,580	7,775,298	4,767,248	3,008,050	2,626,962	2,464,432	162,530
Degree-granting institutions ⁴									
1996 ³	10,481,886	7,234,541	3,247,345	7,794,895	4,767,117	3,027,778	2,686,991	2,467,424	219,567

¹ Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology in 1980 and 1981.

² Because of imputation techniques, data are not consistent with figures for other years.

³ Preliminary data.

⁴ Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.

NOTE.—Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S.

Department of Education. The Department of Education no longer distinguishes between those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared June 1998.)

Table 201.—Full-time-equivalent fall enrollment in institutions of higher education, by control, type of institution, and state: 1994 to 1996

State or other area	Public 4-year			Public 2-year			Private 4-year			Private 2-year		
	1994	1995	1996 ¹	1994	1995	1996 ¹	1994	1995	1996 ¹	1994	1995	1996 ¹
United States	4,749,524	4,757,223	4,767,248	3,034,872	2,994,592	3,008,050	2,387,817	2,415,621	2,464,432	175,859	167,520	162,530
Alabama	103,200	104,189	101,864	56,255	54,564	53,207	19,485	19,533	19,655	1,231	450	883
Alaska	17,810	17,823	17,508	244	326	322	622	588	555	303	167	270
Arizona	82,558	83,010	84,062	76,262	76,822	76,541	19,129	16,658	20,174	929	889	948
Arkansas	54,540	53,057	52,468	13,281	15,177	16,713	9,666	9,975	10,167	346	349	376
California	413,527	421,100	434,560	575,613	563,047	580,225	199,213	199,346	203,916	12,344	12,886	13,246
Colorado	104,474	104,521	104,977	40,104	40,332	39,996	21,477	21,702	24,957	3,121	3,442	1,554
Connecticut	43,582	43,441	42,967	22,303	21,322	20,374	43,398	43,831	44,901	1,188	1,157	1,160
Delaware	20,982	20,533	20,821	6,529	6,705	6,975	5,232	5,298	5,351	—	—	—
District of Columbia	6,495	5,950	4,559	—	—	—	53,802	55,068	54,654	—	—	—
Florida	155,232	160,046	163,504	179,177	176,817	174,897	80,234	80,301	82,796	4,884	5,123	5,524
Georgia	128,563	132,111	131,676	55,739	56,843	58,585	52,189	55,179	57,817	5,319	4,132	4,105
Hawaii	19,437	19,158	17,680	16,692	16,222	15,859	9,485	9,916	11,101	—	—	—
Idaho	32,237	32,161	32,375	5,218	5,265	5,693	2,252	1,998	2,042	8,280	8,122	7,986
Illinois	161,500	159,900	159,822	190,946	183,337	184,823	141,160	144,744	146,132	5,421	3,784	3,684
Indiana	147,844	146,709	147,182	24,279	23,310	22,165	53,673	54,658	55,213	2,997	2,866	2,878
Iowa	57,556	57,870	58,444	39,735	39,829	41,310	40,905	41,377	41,185	1,212	926	890
Kansas	71,257	71,592	70,500	37,568	39,813	38,116	14,166	13,756	13,545	784	735	721
Kentucky	87,211	86,774	86,022	29,039	28,227	28,346	22,331	22,965	23,316	4,153	2,361	2,403
Louisiana	124,883	125,563	125,650	17,595	17,057	17,320	23,195	23,442	23,060	985	754	943
Maine	23,461	22,812	22,656	4,549	4,369	4,361	11,945	12,364	12,357	1,602	1,655	1,594
Maryland	86,578	87,997	88,440	58,471	57,419	55,837	29,393	30,193	30,537	937	1,032	1,005
Massachusetts	78,686	78,616	78,570	47,035	44,938	42,703	184,199	189,336	190,839	9,506	5,997	5,093
Michigan	205,800	206,495	207,628	108,182	103,720	102,348	61,100	61,116	64,277	1,614	1,728	945
Minnesota	89,990	88,696	89,123	67,471	62,765	62,673	47,395	48,406	49,981	3,521	3,263	3,706
Mississippi	50,417	51,561	52,907	40,669	41,384	42,928	9,425	9,400	8,795	960	722	643
Missouri	95,401	94,930	94,552	41,935	40,677	41,119	71,773	73,005	74,840	4,934	3,939	3,818
Montana	26,857	27,724	27,942	3,294	4,607	4,708	3,652	3,597	3,606	529	600	556
Nebraska	47,248	47,537	47,036	20,129	19,711	22,656	16,682	16,627	16,833	338	403	—
Nevada	21,963	21,806	22,382	13,855	15,191	17,544	598	967	1,305	27	27	24
New Hampshire	21,962	21,960	21,763	5,025	5,136	5,214	18,603	18,845	18,952	2,952	3,122	2,904
New Jersey	102,204	103,590	104,618	81,903	81,176	78,580	44,368	44,052	44,668	3,295	3,851	4,154
New Mexico	39,973	39,186	38,147	25,126	25,717	26,415	3,550	3,671	4,230	651	954	1,051
New York	272,066	265,171	261,193	180,543	175,517	171,022	339,369	339,528	346,514	26,016	25,311	21,917
North Carolina	132,091	132,949	132,690	91,727	91,106	92,126	56,789	60,326	62,219	2,241	1,327	852
North Dakota	25,055	25,147	24,827	6,642	6,792	7,053	3,038	3,091	3,257	242	249	256
Ohio	223,580	219,518	216,875	88,888	87,324	86,890	95,994	96,059	98,040	9,586	8,909	8,891
Oklahoma	78,501	77,450	76,320	38,063	37,142	36,486	18,138	17,675	17,852	2,459	1,909	1,900
Oregon	52,916	53,445	54,255	44,748	42,866	42,781	19,949	20,115	20,519	163	158	—
Pennsylvania	198,056	200,590	200,854	64,045	61,233	59,234	179,269	179,812	181,249	28,926	32,634	36,386
Rhode Island	18,015	17,634	17,143	8,524	8,490	8,348	28,720	28,583	30,478	1,930	2,149	—
South Carolina	71,132	71,984	72,543	37,571	37,475	37,651	20,849	21,694	22,336	1,343	1,200	1,225
South Dakota	25,822	24,753	23,799	158	172	152	5,384	5,487	5,454	143	143	116
Tennessee	93,976	95,789	96,234	46,958	46,996	47,938	44,083	45,903	46,748	2,425	2,018	1,644
Texas	339,801	337,321	336,716	237,787	237,117	241,061	87,907	91,399	92,304	5,987	5,641	5,815
Utah	61,636	62,683	62,014	18,453	19,369	20,344	33,661	33,170	33,512	1,079	1,146	1,136
Vermont	13,765	13,715	13,588	1,834	1,885	1,937	12,390	12,301	12,504	163	178	188
Virginia	136,115	138,030	140,484	67,688	66,674	64,728	46,742	46,992	47,157	3,744	4,016	3,723
Washington	77,461	78,111	78,855	101,499	103,132	105,787	30,620	30,744	31,818	1,938	2,063	2,325
West Virginia	55,841	55,159	55,322	4,930	4,792	4,603	9,349	9,104	8,966	846	776	731
Wisconsin	122,297	121,755	123,130	59,860	58,958	57,638	41,269	41,724	41,748	1,598	1,501	1,550
Wyoming	10,116	9,752	9,635	11,318	11,430	11,684	—	—	—	667	756	811
U.S. Service Schools	17,854	17,849	18,366	19,413	24,297	22,034	—	—	—	—	—	—
Outlying areas	49,518	54,519	59,787	9,886	11,238	9,287	73,595	81,801	77,884	10,161	7,806	8,040
American Samoa	—	—	—	998	988	999	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	1,040	1,076	1,098	—	—	—	—	—	—
Guam	3,159	2,787	2,610	1,049	1,032	912	—	—	—	—	—	—
Marshall Islands	—	—	—	254	249	300	—	—	—	—	—	—
Northern Marianas	—	—	—	653	625	693	—	—	—	—	—	—
Palau	—	—	—	357	296	281	—	—	—	—	—	—
Puerto Rico	44,321	49,679	55,224	5,535	6,972	5,004	73,595	81,801	77,884	10,161	7,806	8,040
Virgin Islands	2,038	2,053	1,953	—	—	—	—	—	—	—	—	—

¹ Preliminary data.
 —Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared June 1998.)

**Table 202.—Full-time-equivalent fall enrollment in institutions of higher education, by control and state:
1980 to 1996**

State or other area	Total					Public			Private		
	1980	1985	1990	1995	1996 ¹	1990	1995	1996 ¹	1990	1995	1996 ¹
1	2	3	4	5	6	7	8	9	10	11	12
United States	8,819,013	8,943,433	9,983,436	10,334,956	10,402,260	7,557,982	7,751,815	7,775,298	2,425,454	2,583,141	2,626,962
Alabama	138,910	149,895	174,610	178,736	175,609	154,343	158,753	155,071	20,267	19,983	20,538
Alaska	10,073	14,098	18,496	18,904	18,655	17,087	18,149	17,830	1,409	755	825
Arizona	127,114	134,954	167,617	177,379	181,725	153,500	159,832	160,603	14,117	17,547	21,122
Arkansas	64,307	63,230	74,449	78,558	79,724	63,472	68,234	69,181	10,977	10,324	10,543
California	1,099,559	1,062,439	1,156,288	1,196,379	1,231,947	979,663	984,147	1,014,785	176,625	212,232	217,162
Colorado	123,589	121,804	159,032	169,997	171,484	138,350	144,853	144,973	20,682	25,144	26,511
Connecticut	112,612	107,803	115,791	109,751	109,402	70,870	64,763	63,341	44,921	44,988	46,061
Delaware	26,284	25,750	31,612	32,536	33,147	26,059	27,238	27,796	5,553	5,298	5,351
District of Columbia	62,126	58,945	61,549	61,018	59,213	7,294	5,950	4,559	54,255	55,068	54,654
Florida	290,647	308,315	383,385	422,287	426,721	302,579	336,863	338,401	80,806	85,424	88,320
Georgia	152,369	161,952	198,549	248,265	252,183	149,115	188,954	190,261	49,434	59,311	61,922
Hawaii	35,859	36,986	41,097	45,296	44,640	32,496	35,380	33,539	8,601	9,916	11,101
Idaho	33,938	32,649	41,275	47,546	48,096	31,408	37,426	38,068	9,867	10,120	10,028
Illinois	432,365	450,504	493,364	491,765	494,461	353,247	343,237	344,645	140,117	148,528	149,816
Indiana	193,445	195,630	222,835	227,543	227,438	168,984	170,019	169,347	53,851	57,524	58,091
Iowa	120,083	128,492	138,565	140,002	141,829	95,772	97,699	99,754	42,793	42,303	42,075
Kansas	101,147	100,807	118,969	125,896	122,882	106,570	111,405	108,616	12,399	14,491	14,266
Kentucky	113,709	110,539	137,651	140,327	140,887	111,858	115,001	114,368	25,793	25,326	25,719
Louisiana	132,780	148,983	154,132	166,816	166,973	129,357	142,620	142,970	24,775	24,196	24,003
Maine	34,471	37,993	42,021	41,200	40,968	29,876	27,181	27,017	12,145	14,019	13,951
Maryland	149,202	148,091	169,972	176,641	175,819	141,950	145,416	144,277	28,022	31,225	31,542
Massachusetts	315,937	321,022	320,299	318,887	317,205	130,962	123,554	121,273	189,337	195,333	195,932
Michigan	366,058	354,690	389,814	373,059	375,198	326,952	310,215	309,976	62,862	62,844	65,222
Minnesota	162,559	170,958	190,608	203,130	205,483	143,424	151,461	151,796	47,184	51,669	53,687
Mississippi	85,621	86,846	103,957	103,067	105,273	92,269	92,945	95,835	11,688	10,122	9,438
Missouri	180,156	178,090	210,104	212,551	214,329	142,953	135,607	135,671	67,151	76,944	78,658
Montana	29,428	29,992	29,905	36,528	36,812	26,835	32,331	32,650	3,070	4,197	4,162
Nebraska	68,505	70,778	80,989	84,278	86,525	65,739	67,248	69,692	15,250	17,030	16,833
Nevada	22,467	23,093	33,814	37,991	41,255	33,392	36,997	39,926	422	994	1,329
New Hampshire	39,456	41,733	45,762	49,063	48,833	24,948	27,096	26,977	20,814	21,967	21,856
New Jersey	218,838	201,270	221,468	232,669	232,020	174,324	184,766	183,198	47,144	47,903	48,822
New Mexico	43,722	47,169	59,517	69,528	69,843	57,870	64,903	64,562	1,647	4,625	5,281
New York	760,305	763,596	798,696	805,527	800,646	446,379	440,688	432,215	352,317	364,839	368,431
North Carolina	235,266	249,901	269,025	285,708	287,887	208,321	224,055	224,816	60,704	61,653	63,071
North Dakota	30,188	32,456	33,118	35,279	35,393	30,276	31,939	31,880	2,842	3,340	3,513
Ohio	369,342	383,898	420,499	411,810	410,696	317,837	306,842	303,765	102,662	104,968	106,931
Oklahoma	115,701	126,691	128,203	134,176	132,558	108,933	114,592	112,806	19,270	19,584	19,752
Oregon	110,649	102,247	120,176	116,584	117,555	101,424	96,311	97,036	18,752	20,273	20,519
Pennsylvania	404,192	422,349	464,179	474,269	477,723	261,305	261,823	260,088	202,874	212,446	217,635
Rhode Island	50,628	53,016	60,168	56,856	55,969	28,804	26,124	25,491	31,364	30,732	30,478
South Carolina	109,346	109,303	127,225	132,353	133,755	101,918	109,459	110,194	25,307	22,894	23,561
South Dakota	27,873	26,988	28,256	30,555	29,521	22,128	24,925	23,951	6,128	5,630	5,570
Tennessee	161,058	152,967	175,961	190,706	192,564	130,184	142,785	144,172	45,772	47,921	48,392
Texas	527,724	566,736	637,742	671,478	675,896	553,436	574,438	577,777	84,306	97,040	98,119
Utah	78,199	84,095	94,012	116,368	117,006	63,495	82,052	82,358	30,517	34,316	34,648
Vermont	25,572	25,649	29,072	28,079	28,217	16,048	15,600	15,525	13,024	12,479	12,692
Virginia	199,549	204,928	251,708	255,712	256,092	202,285	204,704	205,212	49,423	51,008	50,880
Washington	194,440	171,668	189,521	214,050	218,785	160,889	181,243	184,642	28,632	32,807	34,143
West Virginia	60,394	58,438	68,235	69,831	69,622	59,229	59,951	59,925	9,006	9,880	9,697
Wisconsin	206,790	211,749	229,975	223,938	224,066	192,107	180,713	180,768	37,868	43,225	43,298
Wyoming	14,725	17,037	21,888	21,938	22,130	21,185	21,182	21,319	703	756	811
U.S. Service Schools	49,736	54,221	48,281	42,146	40,400	48,281	42,146	40,400	—	—	—
Outlying areas	117,637	145,530	140,954	155,364	154,998	55,908	65,757	69,074	85,046	89,607	85,924
American Samoa	824	497	952	988	999	952	988	999	—	—	—
Federated States of Micronesia	—	—	549	1,076	1,098	549	1,076	1,098	—	—	—
Guam	2,115	3,049	2,956	3,819	3,522	2,956	3,819	3,522	—	—	—
Marshall Islands	—	—	—	249	300	—	249	300	—	—	—
Northern Marianas ..	—	183	376	625	693	376	625	693	—	—	—
Palau	—	—	423	296	281	423	296	281	—	—	—
Puerto Rico	113,285	139,627	134,193	146,258	146,152	49,147	56,651	60,228	85,046	89,607	85,924
Trust Territory of the Pacific	195	680	—	—	—	—	—	—	—	—	—
Virgin Islands	1,218	1,494	1,505	2,053	1,953	—	2,053	1,953	—	—	—

¹ Preliminary data.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared June 1998.)

Table 203.—Residence and migration of all freshmen students¹ in degree-granting institutions, by state: Fall 1996

State or other area	Students enrolled in institutions located in the jurisdiction ²	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ³	Attending college in home jurisdiction ⁴	Students enrolled (col.4 / col.2)	Student residents (col.4 / col.3)	Out of (col. 3–col. 4)	Into (col. 2–col. 4)	Net (col. 8–col. 7)
1	2	3	4	5	6	7	8	9
United States	2,188,131	2,151,310	1,808,647	0.83	0.84	342,663	379,484	⁵ 36,821
Alabama	36,881	33,053	30,178	0.82	0.91	2,875	6,703	3,828
Alaska	1,946	3,387	1,682	0.86	0.50	1,705	264	-1,441
Arizona	34,421	29,933	27,187	0.79	0.91	2,746	7,234	4,488
Arkansas	18,388	17,838	15,659	0.85	0.88	2,179	2,729	550
California	277,399	277,373	259,696	0.94	0.94	17,677	17,703	26
Colorado	31,816	29,815	24,560	0.77	0.82	5,255	7,256	2,001
Connecticut	21,169	25,336	14,088	0.67	0.56	11,248	7,081	-4,167
Delaware	7,854	6,224	4,667	0.59	0.75	1,557	3,187	1,630
District of Columbia	8,645	2,898	1,298	0.15	0.45	1,600	7,347	5,747
Florida	72,465	68,530	58,096	0.80	0.85	10,434	14,369	3,935
Georgia	53,393	50,602	43,575	0.82	0.86	7,027	9,818	2,791
Hawaii	9,519	9,936	7,611	0.80	0.77	2,325	1,908	-417
Idaho	10,664	10,393	8,052	0.76	0.77	2,341	2,612	271
Illinois	106,362	115,198	97,158	0.91	0.84	18,040	9,204	-8,836
Indiana	51,108	45,746	40,309	0.79	0.88	5,437	10,799	5,362
Iowa	39,449	34,939	31,469	0.80	0.90	3,470	7,980	4,510
Kansas	27,581	26,049	23,443	0.85	0.90	2,606	4,138	1,532
Kentucky	28,546	27,554	24,043	0.84	0.87	3,511	4,503	992
Louisiana	31,710	30,869	26,884	0.85	0.87	3,985	4,826	841
Maine	8,349	9,682	5,935	0.71	0.61	3,747	2,414	-1,333
Maryland	33,198	37,453	26,115	0.79	0.70	11,338	7,083	-4,255
Massachusetts	62,356	53,067	39,240	0.63	0.74	13,827	23,116	9,289
Michigan	76,216	75,980	68,959	0.90	0.91	7,021	7,257	236
Minnesota	51,137	50,751	41,458	0.81	0.82	9,293	9,679	386
Mississippi	27,669	25,615	23,828	0.86	0.93	1,787	3,841	2,054
Missouri	38,484	36,102	30,174	0.78	0.84	5,928	8,310	2,382
Montana	7,872	8,259	6,227	0.79	0.75	2,032	1,645	-387
Nebraska	17,136	16,600	14,051	0.82	0.85	2,549	3,085	536
Nevada	7,254	6,891	5,040	0.69	0.73	1,851	2,214	363
New Hampshire	10,872	9,199	5,301	0.49	0.58	3,898	5,571	1,673
New Jersey	45,899	65,904	41,465	0.90	0.63	24,439	4,434	-20,005
New Mexico	12,464	12,997	10,209	0.82	0.79	2,788	2,255	-533
New York	151,388	154,632	127,503	0.84	0.82	27,129	23,885	-3,244
North Carolina	53,751	45,918	42,056	0.78	0.92	3,862	11,695	7,833
North Dakota	8,495	7,358	5,711	0.67	0.78	1,647	2,784	1,137
Ohio	90,806	88,056	77,345	0.85	0.88	10,711	13,461	2,750
Oklahoma	28,654	27,847	25,068	0.87	0.90	2,779	3,586	807
Oregon	22,126	21,101	17,308	0.78	0.82	3,793	4,818	1,025
Pennsylvania	102,447	94,108	78,863	0.77	0.84	15,245	23,584	8,339
Rhode Island	12,643	8,203	5,514	0.44	0.67	2,689	7,129	4,440
South Carolina	30,719	27,991	24,795	0.81	0.89	3,196	5,924	2,728
South Dakota	5,769	6,004	4,196	0.73	0.70	1,808	1,573	-235
Tennessee	36,516	33,853	28,805	0.79	0.85	5,048	7,711	2,663
Texas	137,610	137,449	126,346	0.92	0.92	11,103	11,264	161
Utah	25,732	19,681	18,408	0.72	0.94	1,273	7,324	6,051
Vermont	6,551	4,632	2,597	0.40	0.56	2,035	3,954	1,919
Virginia	46,961	42,418	34,023	0.72	0.80	8,395	12,938	4,543
Washington	85,536	80,368	74,719	0.87	0.93	5,649	10,817	5,168
West Virginia	15,655	14,049	11,785	0.75	0.84	2,264	3,870	1,606
Wisconsin	50,136	49,646	42,350	0.84	0.85	7,296	7,786	490
Wyoming	4,458	4,446	3,296	0.74	0.74	1,150	1,162	12
U.S. Service Schools	3,956	—	302	—	—	—	3,654	3,956
State unknown ⁶	—	29,377	—	—	—	29,377	—	-29,377
Outlying areas	35,633	39,197	35,485	1.00	0.91	3,712	148	-3,564
American Samoa	—	51	—	—	—	51	0	-51
Federated States of Micronesia	359	2,504	359	1.00	0.14	2,145	0	-2,145
Guam	484	608	442	0.91	0.73	166	42	-124
Marshall Islands	121	127	115	0.95	0.91	12	6	-6
Northern Marianas	113	125	105	0.93	0.84	20	8	-12
Palau	109	137	70	0.64	0.51	67	39	-28
Puerto Rico	34,114	34,911	34,084	1.00	0.98	827	30	-797
Virgin Islands	333	734	310	0.93	0.42	424	23	-401
Foreign countries	—	33,257	—	—	—	33,257	—	-33,257

¹ Students who are enrolled at the reporting institution for the first time.
² All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.
³ All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.
⁴ Students who attend institutions in their home state.
⁵ Includes students coming to U.S. colleges from foreign countries and the outlying areas.
⁶ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

—Data not available or not applicable.
 NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs in the 1996–97 academic year.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Residence of First-Time Students" survey, 1996. (This table was prepared January 1998.)

Table 204.—Residence and migration of all freshmen students¹ in degree-granting institutions graduating from high school in the past 12 months, by state: Fall 1996

State or other area	Students enrolled in institutions located in the jurisdiction ²	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ³	Attending college in home jurisdiction ⁴	Students enrolled (col. 4/col. 2)	Student residents (col. 4/col. 3)	Out of (col. 3–col. 4)	Into (col. 2–col. 4)	Net (column 8–column 7)
1	2	3	4	5	6	7	8	9
United States	1,513,122	1,491,441	1,209,015	0.80	0.81	282,426	304,107	⁵21,681
Alabama	26,841	23,512	21,115	0.79	0.90	2,397	5,726	3,329
Alaska	1,241	2,494	1,050	0.85	0.42	1,444	191	-1,253
Arizona	18,414	15,559	13,280	0.72	0.85	2,279	5,134	2,855
Arkansas	14,173	13,476	11,723	0.83	0.87	1,753	2,450	697
California	186,894	188,822	173,860	0.93	0.92	14,962	13,034	-1,928
Colorado	18,840	18,188	13,656	0.72	0.75	4,532	5,184	652
Connecticut	15,754	19,577	9,202	0.58	0.47	10,375	6,552	-3,823
Delaware	6,333	4,719	3,356	0.53	0.71	1,363	2,977	1,614
District of Columbia	7,707	2,277	973	0.13	0.43	1,304	6,734	5,430
Florida	51,221	49,999	41,265	0.81	0.83	8,734	9,956	1,222
Georgia	35,508	34,508	28,305	0.80	0.82	6,203	7,203	1,000
Hawaii	6,062	7,020	4,951	0.82	0.71	2,069	1,111	-958
Idaho	7,171	6,933	5,034	0.70	0.73	1,899	2,137	238
Illinois	68,351	76,889	60,941	0.89	0.79	15,948	7,410	-8,538
Indiana	40,481	35,079	30,605	0.76	0.87	4,474	9,876	5,402
Iowa	25,222	21,852	18,828	0.75	0.86	3,024	6,394	3,370
Kansas	18,334	16,937	14,812	0.81	0.87	2,125	3,522	1,397
Kentucky	21,902	20,979	18,210	0.83	0.87	2,769	3,692	923
Louisiana	25,332	24,118	20,941	0.83	0.87	3,177	4,391	1,214
Maine	6,391	7,422	4,136	0.65	0.56	3,286	2,255	-1,031
Maryland	23,969	27,699	17,711	0.74	0.64	9,988	6,258	-3,730
Massachusetts	49,793	41,485	29,054	0.58	0.70	12,431	20,739	8,308
Michigan	55,718	55,476	49,673	0.89	0.90	5,803	6,045	242
Minnesota	27,799	29,104	21,251	0.76	0.73	7,853	6,548	-1,305
Mississippi	18,937	17,157	15,680	0.83	0.91	1,477	3,257	1,780
Missouri	29,136	27,554	22,433	0.77	0.81	5,121	6,703	1,582
Montana	5,501	5,834	4,112	0.75	0.70	1,722	1,389	-333
Nebraska	12,653	12,329	10,180	0.80	0.83	2,149	2,473	324
Nevada	3,750	4,275	2,696	0.72	0.63	1,579	1,054	-525
New Hampshire	8,347	6,814	3,420	0.41	0.50	3,394	4,927	1,533
New Jersey	32,767	51,483	29,265	0.89	0.57	22,218	3,502	-18,716
New Mexico	8,382	9,169	6,822	0.81	0.74	2,347	1,560	-787
New York	110,563	114,907	90,527	0.82	0.79	24,380	20,036	-4,344
North Carolina	39,722	32,303	29,259	0.74	0.91	3,044	10,463	7,419
North Dakota	7,284	5,939	4,757	0.65	0.80	1,182	2,527	1,345
Ohio	64,521	63,371	54,089	0.84	0.85	9,282	10,432	1,150
Oklahoma	16,475	16,481	14,107	0.86	0.86	2,374	2,368	-6
Oregon	15,394	14,898	11,527	0.75	0.77	3,371	3,867	496
Pennsylvania	77,081	70,898	57,231	0.74	0.81	13,667	19,850	6,183
Rhode Island	9,781	5,944	3,536	0.36	0.59	2,408	6,245	3,837
South Carolina	21,789	19,357	16,656	0.76	0.86	2,701	5,133	2,432
South Dakota	4,393	4,568	3,054	0.70	0.67	1,514	1,339	-175
Tennessee	28,857	26,308	21,941	0.76	0.83	4,367	6,916	2,549
Texas	95,793	97,688	88,127	0.92	0.90	9,561	7,666	-1,895
Utah	18,328	13,657	12,612	0.69	0.92	1,045	5,716	4,671
Vermont	4,983	3,313	1,532	0.31	0.46	1,781	3,451	1,670
Virginia	38,287	34,248	27,005	0.71	0.79	7,243	11,282	4,039
Washington	30,060	30,551	25,819	0.86	0.85	4,732	4,241	-491
West Virginia	12,248	10,535	8,837	0.72	0.84	1,698	3,411	1,713
Wisconsin	32,447	33,445	27,426	0.85	0.82	6,019	5,021	-998
Wyoming	3,147	3,127	2,202	0.70	0.70	925	945	20
U.S. Service Schools	3,045	—	231	0.08	—	-231	2,814	3,045
State unknown ⁶	—	11,164	—	—	—	11,164	—	-11,164
Outlying areas	32,634	34,534	32,533	1.00	0.94	2,001	101	-1,900
American Samoa	—	37	—	—	—	37	—	-37
Federated States of Micronesia	320	1,078	320	1.00	0.30	758	—	-758
Guam	309	426	285	0.92	0.67	141	24	-117
Marshall Islands	113	115	107	0.95	0.93	8	6	-2
Northern Marianas	100	109	95	0.95	0.87	14	5	-9
Palau	109	114	70	0.64	0.61	44	39	-5
Puerto Rico	31,489	32,141	31,467	1.00	0.98	674	22	-652
Virgin Islands	194	514	189	0.97	0.37	325	5	-320
Foreign countries	—	19,781	—	—	—	19,781	—	-19,781

¹ Students who are enrolled at the reporting institution for the first time ever enrolled anywhere.

² All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

³ All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

⁴ Students who attend institutions in their home state.

⁵ Includes students coming to U.S. colleges from foreign countries and the outlying areas.

⁶ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

—Data not available or not applicable.

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs in the 1996–97 academic year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Residence of First-Time Students" survey, 1996. (This table was prepared January 1998.)

Table 205.—Residence and migration of all freshmen students¹ in 4-year colleges graduating from high school in the past 12 months, by state: Fall 1996

State or other area	Students enrolled in institutions located in the jurisdiction ²	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction ³	Attending college in home jurisdiction ⁴	Students enrolled (col.4/col.2)	Student residents (col.4/col.3)	Out of (col. 3–col. 4)	Into (col. 2–col. 4)	Net (col. 8–col. 7)
1	2	3	4	5	6	7	8	9
United States	1,015,534	996,330	737,654	0.73	0.74	258,676	277,880	⁵ 19,204
Alabama	16,164	13,174	10,960	0.68	0.83	2,214	5,204	2,990
Alaska	1,207	2,333	1,016	0.84	0.44	1,317	191	-1,126
Arizona	11,614	9,055	6,979	0.60	0.77	2,076	4,635	2,559
Arkansas	10,732	9,770	8,507	0.79	0.87	1,263	2,225	962
California	72,130	77,482	63,264	0.88	0.82	14,218	8,866	-5,352
Colorado	15,653	14,910	10,761	0.69	0.72	4,149	4,892	743
Connecticut	13,024	16,772	6,644	0.51	0.40	10,128	6,380	-3,748
Delaware	5,145	3,551	2,239	0.44	0.63	1,312	2,906	1,594
District of Columbia	7,707	2,198	973	0.13	0.44	1,225	6,734	5,509
Florida	29,148	28,947	20,721	0.71	0.72	8,226	8,427	201
Georgia	26,849	26,094	20,329	0.76	0.78	5,765	6,520	755
Hawaii	3,037	3,929	1,978	0.65	0.50	1,951	1,059	-892
Idaho	4,177	5,029	3,403	0.81	0.68	1,626	774	-852
Illinois	38,478	46,615	31,459	0.82	0.67	15,156	7,019	-8,137
Indiana	35,639	30,033	26,067	0.73	0.87	3,966	9,572	5,606
Iowa	16,157	13,355	10,499	0.65	0.79	2,856	5,658	2,802
Kansas	11,791	11,019	9,018	0.76	0.82	2,001	2,773	772
Kentucky	16,085	15,127	12,619	0.78	0.83	2,508	3,466	958
Louisiana	22,654	21,110	18,300	0.81	0.87	2,810	4,354	1,544
Maine	5,489	6,435	3,288	0.60	0.51	3,147	2,201	-946
Maryland	14,573	18,546	8,805	0.60	0.47	9,741	5,768	-3,973
Massachusetts	39,697	31,538	19,542	0.49	0.62	11,996	20,155	8,159
Michigan	40,761	40,385	34,945	0.86	0.87	5,440	5,816	376
Minnesota	19,390	21,108	13,634	0.70	0.65	7,474	5,756	-1,718
Mississippi	8,452	6,979	5,632	0.67	0.81	1,347	2,820	1,473
Missouri	22,791	21,253	16,684	0.73	0.79	4,569	6,107	1,538
Montana	4,734	4,706	3,370	0.71	0.72	1,336	1,364	28
Nebraska	9,847	9,405	7,524	0.76	0.80	1,881	2,323	442
Nevada	2,822	3,281	1,994	0.71	0.61	1,287	828	-459
New Hampshire	7,120	5,661	2,527	0.35	0.45	3,134	4,593	1,459
New Jersey	19,259	38,080	16,286	0.85	0.43	21,794	2,973	-18,821
New Mexico	4,356	5,431	3,362	0.77	0.62	2,069	994	-1,075
New York	78,835	83,484	59,748	0.76	0.72	23,736	19,087	-4,649
North Carolina	32,526	25,111	22,309	0.69	0.89	2,802	10,217	7,415
North Dakota	4,865	3,788	2,784	0.57	0.73	1,004	2,081	1,077
Ohio	49,413	48,326	39,542	0.80	0.82	8,784	9,871	1,087
Oklahoma	10,571	10,509	8,551	0.81	0.81	1,958	2,020	62
Oregon	9,698	9,420	6,301	0.65	0.67	3,119	3,397	278
Pennsylvania	62,583	57,256	44,230	0.71	0.77	13,026	18,353	5,327
Rhode Island	8,291	4,458	2,160	0.26	0.48	2,298	6,131	3,833
South Carolina	16,152	13,732	11,185	0.69	0.81	2,547	4,967	2,420
South Dakota	4,360	4,259	3,024	0.69	0.71	1,235	1,336	101
Tennessee	21,110	18,475	14,414	0.68	0.78	4,061	6,696	2,635
Texas	57,103	60,083	51,040	0.89	0.85	9,043	6,063	-2,980
Utah	13,342	8,696	8,069	0.60	0.93	627	5,273	4,646
Vermont	4,897	3,105	1,465	0.30	0.47	1,640	3,432	1,792
Virginia	30,941	26,928	20,002	0.65	0.74	6,926	10,939	4,013
Washington	14,268	15,107	10,883	0.76	0.72	4,224	3,385	-839
West Virginia	11,188	9,370	7,951	0.71	0.85	1,419	3,237	1,818
Wisconsin	24,516	25,136	19,695	0.80	0.78	5,441	4,821	-620
Wyoming	1,148	1,532	741	0.65	0.48	791	407	-384
U.S. Service schools	3,045	0	231	—	—	-231	2,814	3,045
State unknown ⁶	0	4,244	0	—	—	4,244	—	-4,244
Outlying areas	28,358	29,614	28,308	1.00	0.96	1,306	50	-1,256
American Samoa	—	36	—	—	—	36	—	-36
Federated States of Micronesia	—	165	—	—	—	165	—	-165
Guam	306	406	283	—	—	123	23	-100
Marshall Islands	—	4	—	—	—	4	—	-4
Northern Marianas	—	11	—	—	—	11	—	-11
Palau	—	39	—	—	—	39	—	-39
Puerto Rico	27,858	28,448	27,836	1.00	0.98	612	22	-590
Virgin Islands	194	505	189	0.97	0.37	316	5	-311
Foreign countries	—	17,948	—	—	—	17,948	—	-17,948

¹ Students who are enrolled at the reporting institution for the first time.² All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.³ All students living in a particular state when first admitted to an institution in any state. Students may be enrolled in any state.⁴ Students who attend institutions in their home state.⁵ Includes students coming to U.S. colleges from foreign countries and the outlying areas.⁶ Students are reported in "state unknown" when an institution is unable to determine the student's home state.

—Data not available or not applicable.

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs in the 1996–97 academic year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Residence of First-Time Students" survey, 1996. (This table was prepared January 1998.)

Table 206.—Total fall enrollment in institutions of higher education and degree-granting institutions, by type and control of institution and race/ethnicity of student: 1976 to 1996

Type and control of institution and race/ethnicity of student	Institutions of higher education, in thousands, 1996 ³							Degree-granting institutions, in thousands, 1996 ³	Percentage distribution by type and control ¹						
	1976	1980	1990	1993	1994	1995	1996 ²		Institutions of higher education						Degree-granting institutions, 1996 ³
									1976	1980	1990	1994	1995	1996 ²	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All students	10,985.6	12,086.8	13,818.6	14,304.8	14,278.8	14,261.8	14,300.3	14,367.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	10,985.6	12,086.8	13,818.6	14,304.8	14,278.8	14,261.8	14,300.3	14,367.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,600.0	10,427.0	10,311.2	10,226.0	10,263.9	84.3	83.5	79.9	75.4	74.7	73.9	73.8
Total minority	1,690.8	1,948.8	2,704.7	3,247.7	3,395.9	3,496.2	3,609.3	3,637.4	15.7	16.5	20.1	24.6	25.3	26.1	26.2
Black, non-Hispanic	1,033.0	1,106.8	1,247.0	1,412.8	1,448.6	1,473.7	1,499.4	1,505.6	9.6	9.4	9.3	10.5	10.7	10.8	10.8
Hispanic	383.8	471.7	782.4	988.8	1,045.6	1,093.8	1,152.2	1,166.1	3.6	4.0	5.8	7.6	7.9	8.3	8.4
Asian or Pacific Islander	197.9	286.4	572.4	724.4	774.3	797.4	823.6	828.2	1.8	2.4	4.3	5.6	5.8	6.0	6.0
American Indian/Alaskan Native	76.1	83.9	102.8	121.7	127.4	131.3	134.0	137.6	0.7	0.7	0.8	0.9	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	457.1	455.9	454.4	464.9	466.3	—	—	—	—	—	—	—
Public	8,641.0	9,456.4	10,844.7	11,189.1	11,133.7	11,092.4	11,090.2	11,120.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	8,641.0	9,456.4	10,844.7	11,189.1	11,133.7	11,092.4	11,090.2	11,120.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,094.5	7,656.1	8,385.4	8,226.6	8,056.4	7,945.4	7,848.3	7,871.9	83.5	82.7	79.2	75.6	74.4	73.6	72.8
Total minority	1,401.2	1,596.2	2,199.2	2,658.1	2,776.1	2,849.5	2,938.2	2,944.8	16.5	17.3	20.8	24.4	25.6	26.4	27.2
Black, non-Hispanic	831.2	876.1	976.4	1,114.3	1,144.5	1,160.6	1,177.3	1,177.4	9.8	9.5	9.2	10.2	10.6	10.8	10.9
Hispanic	336.8	406.2	671.4	851.3	898.7	937.1	987.6	990.7	4.0	4.4	6.3	7.8	8.3	8.7	9.2
Asian or Pacific Islander	165.7	239.7	461.0	586.2	622.1	638.0	657.1	657.9	2.0	2.6	4.4	5.4	5.7	5.9	6.1
American Indian/Alaskan Native	67.5	74.2	90.4	106.4	110.8	113.8	116.3	118.8	0.8	0.8	0.9	1.0	1.0	1.1	1.1
Nonresident alien	145.3	204.2	260.0	304.4	301.3	297.5	303.7	303.8	—	—	—	—	—	—	—
Private	2,344.6	2,630.4	2,973.9	3,115.7	3,145.1	3,169.4	3,210.1	3,247.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	2,344.6	2,630.4	2,973.9	3,115.7	3,145.1	3,169.4	3,210.1	3,247.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,981.6	2,176.9	2,337.0	2,373.5	2,370.6	2,365.9	2,377.7	2,392.0	87.3	86.1	82.2	80.1	79.3	78.5	78.0
Total minority	289.6	352.7	505.5	589.5	619.8	646.6	671.1	692.6	12.7	13.9	17.8	19.9	20.7	21.5	22.0
Black, non-Hispanic	201.8	230.7	270.6	298.5	304.1	313.0	322.2	328.1	8.9	9.1	9.5	10.1	10.2	10.4	10.6
Hispanic	47.0	65.6	111.0	137.5	146.9	156.8	164.7	175.4	2.1	2.6	3.9	4.6	4.9	5.2	5.4
Asian or Pacific Islander	32.2	46.7	111.5	138.2	152.2	159.4	166.5	170.3	1.4	1.8	3.9	4.7	5.1	5.3	5.5
American Indian/Alaskan Native	8.6	9.7	12.4	15.3	16.6	17.5	17.7	18.8	0.4	0.4	0.4	0.5	0.6	0.6	0.6
Nonresident alien	73.4	100.8	131.4	152.7	154.7	156.9	161.3	162.5	—	—	—	—	—	—	—
4-year	7,106.5	7,565.4	8,578.6	8,738.9	8,749.1	8,769.3	8,802.8	8,804.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	7,106.5	7,565.4	8,578.6	8,738.9	8,749.1	8,769.3	8,802.8	8,804.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	5,999.0	6,274.5	6,768.1	6,639.5	6,565.3	6,517.2	6,483.2	6,483.1	86.6	85.7	82.0	78.3	77.6	76.9	76.9
Total minority	931.0	1,049.9	1,486.1	1,733.6	1,819.2	1,885.8	1,946.2	1,946.8	13.4	14.3	18.0	21.7	22.4	23.1	23.1
Black, non-Hispanic	603.7	634.3	722.8	813.7	833.6	852.2	870.2	869.6	8.7	8.7	8.8	9.9	10.1	10.3	10.3
Hispanic	173.6	216.6	358.2	432.0	462.7	485.5	508.1	508.8	2.5	3.0	4.3	5.5	5.8	6.0	6.0
Asian or Pacific Islander	118.7	162.1	357.2	429.4	461.8	482.4	500.7	501.1	1.7	2.2	4.3	5.5	5.7	5.9	5.9
American Indian/Alaskan Native	35.0	36.9	47.9	58.5	61.2	65.7	67.2	67.3	0.5	0.5	0.6	0.7	0.8	0.8	0.8
Nonresident alien	176.5	240.9	324.3	365.9	364.5	366.2	373.5	374.3	—	—	—	—	—	—	—
Public	4,892.9	5,127.6	5,848.2	5,851.8	5,825.2	5,814.5	5,806.9	5,806.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,120.2	4,243.0	4,605.6	4,432.9	4,355.0	4,303.3	4,259.6	4,258.7	86.1	85.1	81.5	77.6	76.8	76.2	76.2
Total minority	666.7	740.8	1,046.2	1,202.1	1,256.7	1,299.3	1,332.3	1,332.3	13.9	14.9	18.5	22.4	23.2	23.8	23.8
Black, non-Hispanic	421.8	438.2	495.1	548.2	561.4	572.5	580.0	580.1	8.8	8.8	8.8	10.0	10.2	10.4	10.4
Hispanic	129.3	156.4	262.5	311.5	332.6	346.8	359.8	359.8	2.7	3.1	4.6	5.9	6.2	6.4	6.4
Asian or Pacific Islander	87.5	117.2	250.6	296.6	315.3	329.3	340.5	340.5	1.8	2.4	4.4	5.6	5.9	6.1	6.1
American Indian/Alaskan Native	28.2	29.0	38.0	45.9	47.5	50.8	52.0	52.0	0.6	0.6	0.7	0.8	0.9	0.9	0.9
Nonresident alien	106.0	143.8	196.4	216.7	213.4	211.9	215.0	215.0	—	—	—	—	—	—	—
Private	2,213.6	2,437.8	2,730.3	2,887.2	2,923.9	2,954.7	2,995.9	2,998.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,878.8	2,031.5	2,162.5	2,206.6	2,210.3	2,213.9	2,223.6	2,224.4	87.7	86.8	83.1	79.7	79.1	78.4	78.4
Total minority	264.3	309.2	439.8	531.5	562.5	586.5	613.9	614.5	12.3	13.2	16.9	20.3	20.9	21.6	21.6
Black, non-Hispanic	182.0	196.1	227.7	265.6	272.2	279.7	290.2	289.5	8.5	8.4	8.7	9.8	10.0	10.2	10.2
Hispanic	44.3	60.2	95.7	120.4	130.1	138.7	148.3	149.0	2.1	2.6	3.7	4.7	5.0	5.2	5.2
Asian or Pacific Islander	31.2	44.9	106.6	132.8	146.5	153.2	160.2	160.7	1.5	1.9	4.1	5.3	5.5	5.6	5.7
American Indian/Alaskan Native	6.8	7.9	9.9	12.6	13.6	14.9	15.2	15.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5
Nonresident alien	70.5	97.1	127.9	149.1	151.1	154.3	158.4	159.3	—	—	—	—	—	—	—
2-year	3,879.1	4,521.4	5,240.1	5,565.9	5,529.7	5,492.5	5,497.4	5,563.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total	3,879.1	4,521.4	5,240.1	5,565.9	5,529.7	5,492.5	5,497.4	5,563.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,077.1	3,558.5	3,954.3	3,960.6	3,861.7	3,794.0	3,742.8	3,780.8	80.2	79.8	76.4	71.0	70.2	69.2	69.1
Total minority	759.8	898.9	1,218.6	1,514.1	1,576.6	1,610.4	1,663.1	1,690.6	19.8	20.2	23.6	29.0	29.8	30.8	30.9
Black, non-Hispanic	429.3	472.5	524.3	599.0	615.0	621.5	629.3	636.0	11.2	10.6	10.1	11.3	11.5	11.6	11.6
Hispanic	210.2	255.1	424.2	556.8	582.9	608.4	644.2	657.3	5.5	5.7	8.2	10.7	11.3	11.9	12.0
Asian or Pacific Islander	79.2	124.3	215.2	295.0	312.5	314.9	322.9	327.0	2.1	2.8	4.2	5.7	5.8	6.0	6.0
American Indian/Alaskan Native	41.2	47.0	54.9	63.2	66.2	65.6	66.7	70.2	1.1	1.1	1.1	1.2	1.2	1.2	1.3
Nonresident alien	42.2	64.1	67.1	91.2	91.4	88.1	91.5	92.0	—	—	—	—	—	—	—
Public	3,748.1	4,328.8	4,996.5	5,337.3	5,308.5	5,277.8	5,283.3	5,314.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	2,974.3	3,413.1	3,779.8	3,793.7	3,701.3	3,642.1	3,588.7	3,613.2	80.2	80.0	76.6	70.9	70.1	69.1	69.1
Total minority	734.5	855.4	1,153.0	1,456.0	1,519.3	1,550.2	1,606.0	1,612.5	19.8	20.0	23.4	29.1	29.9	30.9	30.9
Black, non-Hispanic	409.5	437.9	481.4	566.1	583.2	588.2	597.3	597.4	11.0	10.3	9.8	11.2	11.3	11.5	11.4
Hispanic	207.5	249.8	408.9	539.8											

Table 207.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level of study, sex, and race/ethnicity of student: 1976 to 1996

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands							Degree-granting institutions, in thousands, 1996 ²	Percentage distribution by type and control ¹						
	1976	1980	1990	1993	1994	1995	1996 ²		Institutions of higher education						Degree-granting institutions, 1996 ³
									1976	1980	1990	1994	1995	1996 ²	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All students															
Total	10,985.6	12,086.8	13,818.6	14,304.8	14,278.8	14,261.8	14,300.3	14,367.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	9,076.1	9,833.0	10,722.5	10,600.0	10,427.0	10,311.2	10,226.0	10,263.9	84.3	83.5	79.9	75.4	74.7	73.9	73.8
Total minority	1,690.8	1,948.8	2,704.7	3,247.7	3,395.9	3,496.2	3,609.3	3,637.4	15.7	16.5	20.1	24.6	25.3	26.1	26.2
Black, non-Hispanic	1,033.0	1,106.8	1,247.0	1,412.8	1,448.6	1,473.7	1,499.4	1,505.6	9.6	9.4	9.3	10.5	10.7	10.8	10.8
Hispanic	383.8	471.7	782.4	988.8	1,045.6	1,093.8	1,152.2	1,166.1	3.6	4.0	5.8	7.6	7.9	8.3	8.4
Asian or Pacific Islander	197.9	286.4	572.4	724.4	774.3	797.4	823.6	828.2	1.8	2.4	4.3	5.6	5.8	6.0	6.0
American Indian/Alaskan Native	76.1	83.9	102.8	121.7	127.4	131.3	134.0	137.6	0.7	0.7	0.8	0.9	1.0	1.0	1.0
Nonresident alien	218.7	305.0	391.5	457.1	455.9	454.4	464.9	466.3	—	—	—	—	—	—	—
Men															
Total	5,794.4	5,868.1	6,283.9	6,427.5	6,371.9	6,342.5	6,344.0	6,352.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,813.7	4,772.9	4,861.0	4,755.0	4,650.7	4,594.1	4,553.0	4,552.2	85.3	84.4	80.5	76.2	75.6	74.9	74.8
Total minority	826.6	884.4	1,176.6	1,399.1	1,451.7	1,484.2	1,524.3	1,533.4	14.7	15.6	19.5	23.8	24.4	25.1	25.2
Black, non-Hispanic	469.9	463.7	484.7	543.7	549.7	555.9	563.6	564.1	8.3	8.2	8.0	9.0	9.1	9.3	9.3
Hispanic	209.7	231.6	353.9	441.2	464.0	480.2	501.3	506.6	3.7	4.1	5.9	7.6	7.9	8.2	8.3
Asian or Pacific Islander	108.4	151.3	294.9	363.1	385.0	393.3	403.6	405.5	1.9	2.7	4.9	6.3	6.5	6.6	6.7
American Indian/Alaskan Native	38.5	37.8	43.1	51.2	53.0	54.8	55.7	57.2	0.7	0.7	0.7	0.9	0.9	0.9	0.9
Nonresident alien	154.1	210.8	246.3	273.4	269.5	264.3	266.7	267.2	—	—	—	—	—	—	—
Women															
Total	5,191.2	6,218.7	7,534.7	7,877.4	7,906.9	7,919.2	7,956.3	8,014.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,262.4	5,060.1	5,861.5	5,845.1	5,776.3	5,717.2	5,673.1	5,711.7	83.1	82.6	79.3	74.8	74.0	73.1	73.1
Total minority	864.2	1,064.4	1,528.1	1,848.6	1,944.2	2,012.0	2,085.0	2,104.0	16.9	17.4	20.7	25.2	26.0	26.9	26.9
Black, non-Hispanic	563.1	643.0	762.3	869.1	898.9	917.8	935.8	941.4	11.0	10.5	10.3	11.6	11.9	12.1	12.0
Hispanic	174.1	240.1	428.5	547.6	581.6	613.7	650.9	659.5	3.4	3.9	5.8	7.5	7.9	8.4	8.4
Asian or Pacific Islander	89.4	135.2	277.5	361.3	389.3	404.1	420.0	422.6	1.7	2.2	3.8	5.0	5.2	5.4	5.4
American Indian/Alaskan Native	37.6	46.1	59.7	70.5	74.4	76.5	78.2	80.4	0.7	0.8	0.8	1.0	1.0	1.0	1.0
Nonresident alien	64.6	94.2	145.2	183.7	186.4	190.1	198.2	199.0	—	—	—	—	—	—	—
Undergraduate															
Total	9,419.0	10,469.1	11,959.1	12,324.0	12,262.6	12,231.7	12,259.4	12,326.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	7,740.5	8,480.7	9,272.6	9,100.4	8,916.0	8,805.6	8,730.9	8,769.5	83.4	82.7	79.0	74.3	73.6	72.8	72.8
Total minority	1,535.3	1,778.5	2,467.7	2,955.4	3,077.2	3,158.5	3,254.4	3,282.1	16.6	17.3	21.0	25.7	26.4	27.2	27.2
Black, non-Hispanic	943.4	1,018.8	1,147.2	1,290.4	1,317.3	1,333.6	1,352.6	1,358.6	10.2	9.9	9.8	11.0	11.1	11.3	11.3
Hispanic	352.9	433.1	724.6	918.1	968.3	1,012.0	1,065.6	1,079.4	3.8	4.2	6.2	8.1	8.5	8.9	9.0
Asian or Pacific Islander	169.3	248.7	500.5	634.2	674.1	692.2	713.2	717.6	1.8	2.4	4.3	5.6	5.8	6.0	6.0
American Indian/Alaskan Native	69.7	77.9	95.5	112.7	117.4	120.7	122.9	126.5	0.8	0.8	0.8	1.0	1.0	1.0	1.0
Nonresident alien	143.2	209.9	218.7	268.2	269.4	267.6	274.1	275.3	—	—	—	—	—	—	—
Men															
Total	4,896.8	4,997.4	5,379.8	5,483.7	5,422.1	5,401.1	5,411.1	5,420.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	4,052.2	4,054.9	4,184.4	4,067.0	3,963.1	3,918.1	3,890.7	3,890.8	84.4	83.5	79.6	75.1	74.5	73.9	73.8
Total minority	748.2	802.7	1,069.3	1,270.1	1,312.4	1,339.3	1,375.0	1,384.1	15.6	16.5	20.4	24.9	25.5	26.1	26.2
Black, non-Hispanic	430.7	428.2	448.0	499.6	502.9	506.8	513.1	513.6	9.0	8.8	8.5	9.5	9.6	9.7	9.7
Hispanic	191.7	211.2	326.9	409.2	429.4	444.2	464.0	469.2	4.0	4.3	6.2	8.1	8.4	8.8	8.9
Asian or Pacific Islander	91.1	128.5	254.5	314.1	331.4	338.1	346.9	348.8	1.9	2.6	4.8	6.3	6.4	6.6	6.6
American Indian/Alaskan Native	34.8	34.8	39.9	47.2	48.6	50.2	51.0	52.4	0.7	0.7	0.8	0.9	1.0	1.0	1.0
Nonresident alien	96.4	139.8	126.1	146.6	146.6	143.8	145.3	145.8	—	—	—	—	—	—	—
Women															
Total	4,522.1	5,471.7	6,579.3	6,840.3	6,840.5	6,830.6	6,848.4	6,906.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	3,688.3	4,425.8	5,088.2	5,033.4	4,953.0	4,887.5	4,840.2	4,878.7	82.4	81.9	78.4	73.7	72.9	72.0	72.0
Total minority	787.0	975.8	1,398.5	1,685.2	1,764.8	1,819.2	1,879.3	1,898.1	17.6	18.1	21.6	26.3	27.1	28.0	28.0
Black, non-Hispanic	512.7	590.6	699.2	790.8	814.4	826.9	839.5	845.0	11.5	10.9	10.8	12.1	12.3	12.5	12.5
Hispanic	161.2	221.8	397.6	508.9	538.9	567.8	601.6	610.1	3.6	4.1	6.1	8.0	8.5	9.0	9.0
Asian or Pacific Islander	78.2	120.2	246.0	320.0	342.7	354.1	366.3	368.8	1.7	2.2	3.8	5.1	5.3	5.5	5.4
American Indian/Alaskan Native	34.9	43.1	55.5	65.5	68.8	70.5	71.9	74.1	0.8	0.8	0.9	1.0	1.1	1.1	1.1
Nonresident alien	46.8	70.1	92.6	121.7	122.8	123.8	128.8	129.5	—	—	—	—	—	—	—
Graduate															
Total	1,322.5	1,340.9	1,586.2	1,688.4	1,721.5	1,732.5	1,743.1	1,742.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	1,115.6	1,104.7	1,228.4	1,273.8	1,286.8	1,282.3	1,273.9	1,272.6	89.2	88.5	86.6	83.5	82.6	81.7	81.6
Total minority	134.5	144.0	190.5	232.7	255.2	270.7	286.0	286.3	10.8	11.5	13.4	16.5	17.4	18.3	18.4
Black, non-Hispanic	78.5	75.1	83.9	102.2	110.6	118.6	125.5	125.5	6.3	6.0	5.9	7.2	7.6	8.0	8.0
Hispanic	26.4	32.1	47.2	57.9	63.9	68.0	72.7	72.8	2.1	2.6	3.3	4.1	4.4	4.7	4.7
Asian or Pacific Islander	24.5	31.6	53.2	65.2	72.6	75.6	79.0	79.1	2.0	2.5	3.8	4.7	4.9	5.1	5.1
American Indian/Alaskan Native	5.1	5.2	6.2	7.3	8.1	8.5	8.9	8.9	0.4	0.4	0.4	0.5	0.5	0.6	0.6
Nonresident alien	72.4	92.2	167.3	182.0	179.5	179.5	183.2	183.3	—	—	—	—	—	—	—
Men															
Total	707.9	672.2	737.4	771.0	775.8	767.5	760.5	759.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	589.1	538.5	538.8	550.9	551.4	541.6	530.2	529.0	90.2	89.2	86.8	83.8	83.1	82.3	82.3
Total minority	63.7	65.0	82.1	98.1	106.3	110.4	113.9	114.0	9.8	10.8	13.2	16.2	16.9	17.7	17.7
Black, non-Hispanic	32.0	28.2	29.3	35.3	37.7	39.8	41.2	41.2	4.9	4.7	4.7	5.7	6.1	6.4	6.4
Hispanic	14.6	15.7	20.6	24.8	27.0	28.2	29.5	29.6	2.2	2.6	3.3	4.1	4.3	4.6	4.6
Asian or Pacific Islander	14.4	18.6	29.7	35.1	38.3	39.0	39.7	39.7	2.2	3.1	4.8	5.8	6.0	6.2	6.2
American Indian/Alaskan Native	2.7	2.5	2.6	3.0	3.3	3.4	3.6	3.6	0.4	0.4	0.4	0.5	0.5	0.6	0.6
Nonresident alien	55.1	68.7	116.4	122.0	118.1	115.6	116.3	116.4	—	—	—	—	—	—	—
Women															
Total	614.6	668.7	848.8	917.4	945.6	965.0	982.6	982.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	526.5	566.2	689.5	722.9	735.4	740.7	743.7	743.6	88.1	87.8	86.4	83.2	82.2	81.2	81.2
Total minority	70.8	79.0	108.3												

Table 207.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level of study, sex, and race/ethnicity of student: 1976 to 1996—Continued

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands							Degree-granting institutions, in thousands, 1996 ³	Percentage distribution by type and control ¹						
	1976	1980	1990	1993	1994	1995	1996 ²		Institutions of higher education						Degree-granting institutions, 1996 ³
									1976	1980	1990	1994	1995	1996 ²	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
First-professional															
Total	244.1	276.8	273.4	292.4	294.7	297.6	297.7	298.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	220.0	247.7	221.5	225.9	224.2	223.3	221.2	221.7	91.3	90.4	82.6	77.9	76.9	76.2	76.3
Total minority	21.1	26.3	46.5	59.6	63.5	67.0	68.9	69.0	8.7	9.6	17.4	22.1	23.1	23.8	23.7
Black, non-Hispanic	11.2	12.8	15.9	20.2	20.7	21.4	21.4	21.5	4.6	4.7	5.9	7.2	7.4	7.4	7.4
Hispanic	4.5	6.5	10.7	12.8	13.4	13.8	14.0	13.9	1.9	2.4	4.0	4.7	4.8	4.8	4.8
Asian or Pacific Islander	4.1	6.1	18.7	25.0	27.6	29.6	31.4	31.4	1.7	2.2	7.0	9.6	10.2	10.8	10.8
American Indian/Alaskan Native	1.3	0.8	1.1	1.7	1.8	2.1	2.2	2.2	0.5	0.3	0.4	0.6	0.7	0.7	0.7
Nonresident alien	3.1	2.9	5.4	6.9	7.0	7.3	7.7	7.6	—	—	—	—	—	—	—
Men	189.6	198.5	166.8	172.8	174.0	173.9	172.5	172.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	172.4	179.5	137.8	137.2	136.2	134.4	132.0	132.3	92.1	91.5	84.5	80.5	79.5	78.9	78.9
Total minority	14.7	16.7	25.3	30.9	33.0	34.6	35.3	35.4	7.9	8.5	15.5	19.5	20.5	21.1	21.1
Black, non-Hispanic	7.2	7.4	7.4	8.8	9.1	9.4	9.4	9.4	3.9	3.8	4.5	5.4	5.5	5.6	5.6
Hispanic	3.5	4.6	6.4	7.2	7.5	7.8	7.8	7.7	1.9	2.4	3.9	4.5	4.6	4.6	4.6
Asian or Pacific Islander	2.9	4.1	10.8	13.9	15.3	16.2	17.0	17.1	1.6	2.1	6.6	9.0	9.6	10.2	10.2
American Indian/Alaskan Native	1.0	0.5	0.6	0.9	1.0	1.2	1.2	1.2	0.6	0.3	0.4	0.6	0.7	0.7	0.7
Nonresident alien	2.5	2.3	3.8	4.8	4.8	4.9	5.1	5.1	—	—	—	—	—	—	—
Women	54.5	78.4	106.6	119.6	120.8	123.7	125.3	125.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	47.6	68.1	83.7	88.8	88.0	88.9	89.1	89.4	88.2	87.6	79.7	74.2	73.3	72.6	72.7
Total minority	6.4	9.6	21.3	28.8	30.5	32.4	33.6	33.6	11.8	12.4	20.3	25.8	26.7	27.4	27.3
Black, non-Hispanic	3.9	5.5	8.5	11.4	11.5	12.1	12.0	12.1	7.3	7.0	8.1	9.7	10.0	9.8	9.8
Hispanic	1.0	1.9	4.3	5.5	5.9	6.0	6.2	6.2	1.9	2.4	4.1	5.0	5.0	5.1	5.0
Asian or Pacific Islander	1.1	2.0	7.9	11.1	12.3	13.4	14.4	14.4	2.1	2.6	7.6	10.4	11.0	11.7	11.7
American Indian/Alaskan Native	0.2	0.3	0.5	0.7	0.8	0.9	1.0	1.0	0.4	0.3	0.5	0.7	0.8	0.8	0.8
Nonresident alien	0.5	0.6	1.6	2.1	2.3	2.4	2.6	2.6	—	—	—	—	—	—	—

¹ Distribution for U.S. citizens only.

² Preliminary data.

³ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Not applicable.

NOTE.—Because of underreporting and nonreporting of racial/ethnic data, some figures are slightly lower than corresponding data in other tables. Trend tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between those institutions and other in-

stitutions that are eligible to participate in Title IV programs. The new degree-granting classification is very similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared May 1998.)

Table 208.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level, attendance status, sex, and race/ethnicity of student: 1995 and 1996

Level and enrollment status	1996 ¹												Percent minority, fall 1995 ²
	Total	Enrollment, by sex		Enrollment, by race/ethnicity							Non-resident alien		
		Male	Female	White	Total, minority	Percent minority ²	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native			
1	2	3	4	5	6	7	8	9	10	11	12	13	
Higher education institutions													
All students	14,300,255	6,343,992	7,956,263	10,226,034	3,609,273	26.1	1,499,439	1,152,229	823,633	133,972	464,948	25.3	
Undergraduate, full-time and part-time	12,259,417	5,411,058	6,848,359	8,730,928	3,254,357	27.2	1,352,578	1,065,613	713,230	122,936	274,132	26.4	
Degree seeking	10,608,815	4,684,930	5,923,885	7,528,654	2,837,897	27.4	1,202,467	914,182	616,815	104,433	242,264	26.6	
First-time freshmen	2,193,429	1,013,616	1,179,813	1,548,032	603,353	28.0	260,169	197,407	121,881	23,896	42,044	27.6	
Other first-year	2,421,277	1,047,280	1,373,997	1,573,706	796,654	33.6	334,554	286,756	147,175	28,169	50,917	32.8	
Second year	2,719,130	1,143,568	1,575,562	1,963,468	700,419	26.3	301,138	227,215	145,127	26,939	55,243	25.4	
Third year	1,397,921	626,737	771,184	1,033,826	325,568	23.9	136,274	91,305	87,047	10,942	38,527	23.2	
Fourth year and beyond	1,728,819	792,455	936,364	1,291,028	387,162	23.1	156,849	106,641	110,368	13,304	50,629	22.1	
Unclassified by level	148,239	61,274	86,965	118,594	24,741	17.3	13,483	4,858	5,217	1,183	4,904	17.6	
Others in credit courses	1,650,602	726,128	924,474	1,202,274	416,460	25.7	150,111	151,431	96,415	18,503	31,868	25.0	
Full-time	7,210,698	3,303,961	3,906,737	5,173,494	1,831,836	26.1	794,241	534,021	434,398	69,176	205,368	25.6	
Degree seeking	6,949,391	3,180,500	3,768,891	5,001,893	1,755,133	26.0	764,854	507,105	417,188	65,986	192,365	25.5	
First-time freshmen	1,674,178	779,438	894,740	1,208,086	432,234	26.4	196,658	127,329	91,776	16,471	33,858	26.0	
Other first-year	1,151,651	526,760	624,891	751,201	366,772	32.8	169,781	117,123	65,740	14,128	33,678	32.5	
Second year	1,681,757	746,251	935,506	1,226,912	410,190	25.1	177,459	118,499	97,732	16,500	44,655	24.5	
Third year	1,136,190	524,208	611,982	842,502	258,105	23.5	105,444	68,966	74,885	8,810	35,583	22.8	
Fourth year and beyond	1,276,595	591,714	684,881	953,295	281,351	22.8	111,576	73,854	86,040	9,881	41,949	22.0	
Unclassified by level	29,020	12,129	16,891	19,897	6,481	24.6	3,936	1,334	1,015	196	2,642	25.1	
Others in credit courses	261,307	123,461	137,846	171,601	76,703	30.9	29,387	26,916	17,210	3,190	13,003	30.6	
Part-time	5,048,719	2,107,097	2,941,622	3,557,434	1,422,521	28.6	558,337	531,592	278,832	53,760	68,764	27.5	
Degree seeking	3,659,424	1,504,430	2,154,994	2,526,761	1,082,764	30.0	437,613	407,077	199,627	38,447	49,899	28.7	
First-time freshmen	519,251	234,178	285,073	339,946	171,119	33.5	63,511	70,078	30,105	7,425	8,186	32.5	
Other first-year	1,269,626	520,520	749,106	822,505	429,882	34.3	164,773	169,633	81,435	14,041	17,239	33.0	
Second year	1,037,373	397,317	640,056	736,556	290,229	28.3	123,679	108,716	47,395	10,439	10,588	26.8	
Third year	261,731	102,529	159,202	191,324	67,463	26.1	30,830	22,339	12,162	2,132	2,944	24.8	
Fourth year and beyond	452,224	200,741	251,483	337,733	105,811	23.9	45,273	32,787	24,328	3,423	8,680	22.5	
Unclassified by level	119,219	49,145	70,074	98,697	18,260	15.6	9,547	3,524	4,202	987	2,262	16.1	
Others in credit courses	1,389,295	602,667	786,628	1,030,673	339,757	24.8	120,724	124,515	79,205	15,313	18,865	23.9	
Postbaccalaureate	2,040,838	932,934	1,107,904	1,495,106	354,916	19.2	146,861	86,616	110,403	11,036	190,816	18.3	
First-professional	297,739	172,462	125,277	221,157	68,918	23.8	21,398	13,966	31,398	2,156	7,664	23.1	
Full-time	266,812	153,983	112,829	197,155	62,500	24.1	18,369	12,628	29,560	1,943	7,157	23.4	
First-time	77,581	44,079	33,502	56,953	18,384	24.4	5,273	4,056	8,469	586	2,244	25.0	
Other	189,231	109,904	79,327	140,202	44,116	23.9	13,096	8,572	21,091	1,357	4,913	22.7	
Part-time	30,927	18,479	12,448	24,002	6,418	21.1	3,029	1,338	1,838	213	507	20.5	
First-time	9,429	5,529	3,900	7,175	2,105	22.7	942	475	617	71	149	22.0	
Other	21,498	12,950	8,548	16,827	4,313	20.4	2,087	863	1,221	142	358	19.7	
Graduate students	1,743,099	760,472	982,627	1,273,949	285,998	18.3	125,463	72,650	79,005	8,880	183,152	17.4	
Full-time	735,980	357,575	378,405	476,879	122,879	20.5	48,436	30,432	39,970	4,041	136,222	19.5	
Degree seeking	688,493	337,286	351,207	444,906	111,270	20.0	45,052	26,837	35,688	3,693	132,317	19.0	
First-time	231,084	110,740	120,344	148,703	39,350	20.9	15,709	9,507	12,926	1,208	43,031	19.4	
Other degree seeking	457,409	226,546	230,863	296,203	71,920	19.5	29,343	17,330	22,762	2,485	89,286	18.8	
Others in credit courses	47,487	20,289	27,198	31,973	11,609	26.6	3,384	3,595	4,282	348	3,905	25.8	
Part-time	1,007,119	402,897	604,222	797,070	163,119	17.0	77,027	42,218	39,035	4,839	46,930	16.2	
Degree seeking	773,707	324,380	449,327	609,048	122,174	16.7	57,482	30,478	30,584	3,630	42,485	16.0	
First-time	148,773	59,886	88,887	114,812	26,943	19.0	13,205	6,740	6,272	726	7,018	18.3	
Other degree seeking	624,934	264,494	360,440	494,236	95,231	16.2	44,277	23,738	24,312	2,904	35,467	15.4	
Others in credit courses	233,412	78,517	154,895	188,022	40,945	17.9	19,545	11,740	8,451	1,209	4,445	16.8	
Degree-granting institutions³													
All students	14,367,520	6,352,825	8,014,695	10,263,865	3,637,396	26.2	1,505,565	1,166,108	828,166	137,557	466,259	—	
Undergraduate, full-time and part-time	12,326,948	5,420,672	6,906,276	8,769,531	3,282,107	27.2	1,358,601	1,079,350	717,645	126,511	275,310	—	
Degree seeking	10,720,738	4,727,637	5,993,101	7,605,537	2,871,715	27.4	1,213,324	928,646	621,760	107,985	243,486	—	
First-time freshmen	2,274,319	1,046,662	1,227,657	1,601,881	629,743	28.2	270,687	208,018	125,141	25,897	42,695	—	
Other first-year	2,416,098	1,044,926	1,371,172	1,569,553	795,582	33.6	332,388	287,334	147,607	28,253	50,963	—	
Second year	2,755,714	1,156,512	1,599,202	1,991,255	708,855	26.3	303,770	230,338	146,347	28,400	55,604	—	
Third year	1,398,336	626,649	771,687	1,034,098	325,589	23.9	136,213	91,348	87,077	10,951	38,649	—	
Fourth year and beyond	1,729,076	792,331	936,745	1,291,245	387,116	23.1	156,719	106,693	110,400	13,304	50,715	—	
Unclassified by level	147,195	60,557	86,638	117,505	24,830	17.4	13,547	4,915	5,188	1,180	4,860	—	
Others in credit courses	1,606,210	693,035	913,175	1,163,994	410,392	26.1	145,277	150,704	95,885	18,526	31,824	—	
Full-time	7,298,839	3,339,108	3,959,731	5,231,630	1,860,801	26.2	805,004	545,568	438,712	71,517	206,408	—	
Degree seeking	7,036,393	3,215,162	3,821,231	5,059,616	1,783,354	26.1	775,143	518,471	421,434	68,306	193,423	—	
First-time freshmen	1,739,852	805,982	933,870	1,250,257	455,140	26.7	206,148	136,494	94,582	17,916	34,455	—	
Other first-year	1,150,715	526,663	624,052	750,197	366,801	32.8	168,634	117,735	66,203	14,229	33,717	—	
Second year	1,703,436	754,590	948,846	1,243,092	415,390	25.0	179,420	120,024	98,683	17,263	44,954	—	
Third year	1,136,388	524,122	612,266	842,581	258,110	23.4	105,396	68,992	74,903	8,819	35,697	—	
Fourth year and beyond	1,276,754	591,620	685,134	953,419	281,326	22.8	111,483	73,897	86,062	9,884	42,009	—	
Unclassified by level	29,248	12,185	17,063	20,070	6,587	24.7	4,062	1,329	1,001	195	2,591	—	
Others in credit courses	262,446	123,946	138,500	172,014	77,447	31.0	29,861	27,097	17,278	3,211	12,985	—	

Table 208.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level, attendance status, sex, and race/ethnicity of student: 1995 and 1996—Continued

Level and enrollment status	1996 ¹											Percent minority, fall 1995 ²
	Total	Enrollment, by sex		Enrollment, by race/ethnicity							Non-resident alien	
		Male	Female	White	Total, minority	Percent minority ²	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native		
1	2	3	4	5	6	7	8	9	10	11	12	13
Part-time	5,028,109	2,081,564	2,946,545	3,537,901	1,421,306	28.7	553,597	533,782	278,933	54,994	68,902	—
Degree seeking	3,684,345	1,512,475	2,171,870	2,545,921	1,088,361	29.9	438,181	410,175	200,326	39,679	50,063	—
First-time freshmen	534,467	240,680	293,787	351,624	174,603	33.2	64,539	71,524	30,559	7,981	8,240	—
Other first-year	1,265,383	518,263	747,120	819,356	428,781	34.4	163,754	169,599	81,404	14,024	17,246	—
Second year	1,052,278	401,922	650,356	748,163	293,465	28.2	124,350	110,314	47,664	11,137	10,650	—
Third year	261,948	102,527	159,421	191,517	67,479	26.1	30,817	22,356	12,174	2,132	2,952	—
Fourth year and beyond	452,322	200,711	251,611	337,826	105,790	23.8	45,236	32,796	24,338	3,420	8,706	—
Unclassified by level	117,947	48,372	69,575	97,435	18,243	15.8	9,485	3,586	4,187	985	2,269	—
Others in credit courses	1,343,764	569,089	774,675	991,980	332,945	25.1	115,416	123,607	78,607	15,315	18,839	—
Postbaccalaureate	2,040,572	932,153	1,108,419	1,494,334	355,289	19.2	146,964	86,758	110,521	11,046	190,949	—
First-professional	298,312	172,742	125,570	221,688	69,001	23.7	21,477	13,939	31,425	2,160	7,623	—
Full-time	267,209	154,107	113,102	197,522	62,566	24.1	18,433	12,610	29,576	1,947	7,121	—
First-time	77,695	44,096	33,599	57,036	18,431	24.4	5,292	4,057	8,492	590	2,228	—
Other	189,514	110,011	79,503	140,486	44,135	23.9	13,141	8,553	21,084	1,357	4,893	—
Part-time	31,103	18,635	12,468	24,166	6,435	21.0	3,044	1,329	1,849	213	502	—
First-time	9,533	5,611	3,922	7,265	2,123	22.6	964	470	618	71	145	—
Other	21,570	13,024	8,546	16,901	4,312	20.3	2,080	859	1,231	142	357	—
Graduate students	1,742,260	759,411	982,849	1,272,646	286,288	18.4	125,487	72,819	79,096	8,886	183,326	—
Full-time	736,905	357,993	378,912	476,945	123,424	20.6	48,499	30,643	40,230	4,052	136,536	—
Degree seeking	689,883	337,782	352,101	445,357	111,856	20.1	45,135	27,056	35,960	3,705	132,670	—
First-time	232,330	111,445	120,885	149,124	39,910	21.1	15,803	9,735	13,156	1,216	43,296	—
Other degree seeking	457,553	226,337	231,216	296,233	71,946	19.5	29,332	17,321	22,804	2,489	89,374	—
Others in credit courses	47,022	20,211	26,811	31,588	11,568	26.8	3,364	3,587	4,270	347	3,866	—
Part-time	1,005,355	401,418	603,937	795,701	162,864	17.0	76,988	42,176	38,866	4,834	46,790	—
Degree seeking	772,760	323,543	449,217	608,268	122,072	16.7	57,471	30,464	30,509	3,628	42,420	—
First-time	147,614	58,927	88,687	113,867	26,803	19.1	13,188	6,721	6,175	719	6,944	—
Other degree seeking	625,146	264,616	360,530	494,401	95,269	16.2	44,283	23,743	24,334	2,909	35,476	—
Others in credit courses	232,595	77,875	154,720	187,433	40,792	17.9	19,517	11,712	8,357	1,206	4,370	—

¹ Preliminary data.

² Percentage based on U.S. citizens only.

³ Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared October 1998.)

Table 209.—Total number of institutions and fall enrollment in institutions of higher education and degree-granting institutions, by percentage minority enrollment: 1996¹

Minority percentage of U.S. citizen enrollment	Degree-granting institutions ²				Institutions of higher education										
	Total enrollment	Public institutions	Private institutions		Total enrollment	Public institutions					Private institutions				
			Total	Nonprofit		Total	4-year institutions			2-year	Total	4-year institutions			2-year
							Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
All institutions															
Number of institutions	3,842	1,645	2,197	1,633	3,534	1,595	604	94	510	991	1,939	1,590	62	1,528	349
Total enrollment	14,367,520	11,120,499	3,247,021	2,942,556	14,300,255	11,090,171	5,806,904	2,226,529	3,580,375	5,283,267	3,210,084	2,995,931	758,436	2,237,495	214,153
U.S. citizens	13,901,261	10,816,704	3,084,557	2,786,500	13,835,307	10,786,503	5,591,883	2,107,310	3,484,573	5,194,620	3,048,804	2,837,482	688,756	2,148,726	211,322
Minority	3,637,396	2,944,838	692,558	592,567	3,609,273	2,938,218	1,332,254	385,711	946,543	1,605,964	671,055	613,903	173,409	440,494	57,152
90.0 percent or more minority enrollment															
Number of institutions	126	54	72	65	119	51	27	0	27	24	68	60	1	59	8
Total enrollment	335,456	254,927	80,529	74,733	331,558	253,277	134,263	0	134,263	119,014	78,281	75,080	10,248	64,832	3,201
U.S. citizens	326,126	248,230	77,896	72,213	322,296	246,586	131,077	0	131,077	115,509	75,710	72,565	9,230	63,335	3,145
Minority	311,153	234,916	76,237	70,900	307,549	233,325	123,598	0	123,598	109,727	74,224	71,146	9,092	62,054	3,078
75.0 to 89.9 percent minority enrollment															
Number of institutions	107	62	45	18	94	60	19	1	18	41	34	16	0	16	18
Total enrollment	488,998	460,936	28,062	12,017	481,587	458,599	140,579	18,243	122,336	318,020	22,988	12,641	0	12,641	10,347
U.S. citizens	470,459	443,183	27,276	11,588	462,804	440,862	134,116	16,700	117,416	306,746	21,942	11,806	0	11,806	10,136
Minority	385,921	362,877	23,044	9,937	379,454	360,833	110,524	12,625	97,899	250,309	18,621	10,212	0	10,212	8,409
50.0 to 74.9 percent minority enrollment															
Number of institutions	246	120	126	58	210	114	32	2	30	82	96	44	0	44	52
Total enrollment	1,197,816	1,074,225	123,591	82,738	1,182,427	1,074,222	433,436	65,391	368,045	640,786	108,205	85,018	0	85,018	23,187
U.S. citizens	1,154,525	1,034,620	119,905	79,760	1,139,156	1,034,618	414,550	61,568	352,982	620,068	104,538	81,856	0	81,856	22,682
Minority	694,904	621,310	73,594	48,900	685,879	621,402	249,022	35,567	213,455	372,380	64,477	50,149	0	50,149	14,328
25.0 to 49.9 percent minority enrollment															
Number of institutions	757	341	416	243	674	331	100	12	88	231	343	257	24	233	86
Total enrollment	3,442,962	2,634,608	808,354	697,903	3,415,624	2,631,482	1,105,144	345,688	759,456	1,526,338	784,142	737,160	326,898	410,262	46,982
U.S. citizens	3,304,936	2,560,069	744,867	637,355	3,279,085	2,556,985	1,061,769	325,616	736,153	1,495,216	722,100	675,781	291,724	384,057	46,319
Minority	1,132,602	879,263	253,339	214,251	1,123,922	878,760	356,416	106,104	250,312	522,344	245,162	229,427	96,858	132,569	15,735
10.0 to 24.9 percent minority enrollment															
Number of institutions	1,323	554	769	601	1,228	540	223	53	170	317	688	603	33	570	85
Total enrollment	5,774,973	4,412,930	1,362,043	1,267,839	5,790,321	4,405,394	2,639,722	1,343,594	1,296,128	1,765,672	1,384,927	1,298,966	364,945	934,021	85,961
U.S. citizens	5,578,543	4,286,835	1,291,708	1,199,594	5,593,975	4,279,307	2,531,223	1,268,716	1,262,507	1,748,084	1,314,668	1,229,342	334,068	895,274	85,326
Minority	926,868	710,039	216,829	201,092	928,093	708,377	409,707	201,337	208,370	298,670	219,716	206,534	63,859	142,675	13,182
Less than 10.0 percent minority enrollment															
Number of institutions	1,283	514	769	648	1,209	499	203	26	177	296	710	610	4	606	100
Total enrollment	3,127,315	2,282,873	844,442	807,326	3,098,738	2,267,197	1,353,760	453,613	900,147	913,437	831,541	787,066	56,345	730,721	44,475
U.S. citizens	3,066,672	2,243,767	822,905	785,990	3,037,991	2,228,145	1,319,148	434,710	884,438	908,997	809,846	766,132	53,734	712,398	43,714
Minority	185,948	136,433	49,515	47,487	184,376	135,521	82,987	30,078	52,909	52,534	48,855	46,435	3,600	42,835	2,420

¹ Preliminary data. Minority includes black, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native students.

² Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in Title IV federal financial aid programs.

NOTE.—Some institutions do not report separate enrollment data for each branch campus. For this reason, counts of institutions in this table are somewhat lower than figures appearing in other tables. Tabulations of institutions of higher education data are based on institutions that were accredited by an agency or association that was recognized by the U.S. Department of Education. The Department of Education no longer distinguishes between those institutions and other institutions that are eligible to participate in Title IV programs. The new degree-granting classification is very

similar to the earlier higher education classification, except that it includes some additional institutions, primarily 2-year colleges, and excludes a few higher education institutions that did not award degrees.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared January 1999.)

Table 210.—Total fall enrollment in institutions of higher education, by race/ethnicity of student and by state: 1992 to 1996

State or other area	1996 ¹								Percent minority ²				
	Total	White, non-Hispanic	Minority enrollment, by race/ethnicity					Non-resident alien	1992	1993	1994	1995	1996
			Total	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native						
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	14,300,255	10,226,034	3,609,273	1,499,439	1,152,229	823,633	133,972	464,948	22.5	23.5	24.6	25.3	26.1
Alabama	219,499	157,161	57,870	52,334	1,739	2,413	1,384	4,468	23.7	24.8	25.5	26.1	26.9
Alaska	28,846	22,369	5,397	1,058	713	754	2,872	1,080	18.3	18.6	18.7	19.3	19.4
Arizona	276,832	200,429	68,701	9,243	40,063	8,807	10,588	7,702	22.2	23.8	24.0	25.0	25.5
Arkansas	100,688	80,089	18,183	15,287	835	1,169	892	2,416	16.8	17.2	17.1	17.9	18.5
California	1,882,634	922,781	877,691	143,885	383,461	328,337	22,008	82,162	40.5	44.0	46.3	47.9	48.7
Colorado	242,949	193,944	43,108	8,311	23,226	8,404	3,167	5,897	15.8	16.4	16.9	17.7	18.2
Connecticut	155,361	123,344	26,203	11,864	8,020	5,783	536	5,814	14.2	15.1	16.3	16.9	17.5
Delaware	44,838	35,287	8,476	6,357	901	1,025	193	1,075	16.0	16.9	18.0	18.6	19.4
District of Columbia	74,239	35,897	30,192	22,420	2,978	4,548	246	8,150	44.0	44.0	45.4	45.8	45.7
Florida	641,173	418,043	202,736	87,889	92,087	19,720	3,040	20,394	27.5	28.4	29.5	31.0	32.7
Georgia	317,999	214,549	95,343	80,696	4,987	8,849	811	8,107	26.4	27.9	29.0	29.7	30.8
Hawaii	61,383	16,394	39,319	1,285	1,342	36,443	249	5,670	69.6	69.9	70.6	70.8	70.6
Idaho	59,904	54,827	3,797	383	1,695	888	831	1,280	5.5	6.1	6.1	6.4	6.5
Illinois	720,987	504,144	198,560	92,070	63,923	40,144	2,423	18,283	25.6	26.1	26.9	27.3	28.3
Indiana	286,326	246,370	30,910	17,799	6,571	5,415	1,125	9,046	9.8	10.2	10.5	10.9	11.1
Iowa	177,021	156,705	13,018	4,966	2,906	4,343	773	7,298	6.2	6.6	7.2	7.4	7.7
Kansas	172,350	145,757	21,011	8,155	6,233	4,012	2,611	5,582	10.7	11.0	11.5	12.8	12.6
Kentucky	177,749	158,077	16,502	12,416	1,196	2,145	745	3,170	8.2	8.6	8.9	9.1	9.5
Louisiana	203,517	133,455	64,417	53,664	5,014	4,602	1,137	5,645	29.7	30.2	31.4	31.8	32.6
Maine	55,645	52,887	2,197	402	376	723	696	561	4.4	3.3	3.7	4.8	4.0
Maryland	260,757	170,259	80,758	58,514	6,350	14,737	1,157	9,740	27.3	28.5	30.0	30.9	32.2
Massachusetts	410,327	316,804	68,356	23,372	17,788	25,416	1,780	25,167	14.4	15.2	16.5	17.3	17.7
Michigan	546,974	436,671	92,618	60,497	11,694	15,979	4,448	17,685	15.3	16.2	16.8	17.2	17.5
Minnesota	275,262	243,962	23,971	7,624	3,756	9,682	2,909	7,329	6.8	7.5	8.0	8.9	8.9
Mississippi	126,234	83,659	40,570	38,396	698	973	503	2,005	29.8	30.6	31.2	31.5	32.7
Missouri	290,533	243,600	39,079	25,930	4,995	6,555	1,599	7,854	12.6	12.9	13.2	13.4	13.8
Montana	43,145	37,389	4,711	144	504	354	3,709	1,045	12.9	11.5	11.5	11.4	11.2
Nebraska	119,300	107,274	9,257	3,458	2,393	2,284	1,122	2,769	7.2	7.0	7.4	7.8	7.9
Nevada	73,467	55,008	16,404	4,396	6,236	4,585	1,187	2,055	18.7	18.0	19.5	21.1	23.0
New Hampshire	64,463	60,068	3,135	915	864	1,057	299	1,260	5.4	4.9	4.6	5.2	5.0
New Jersey	328,188	223,256	93,579	38,804	31,982	21,860	933	11,353	24.8	25.6	27.4	28.6	29.5
New Mexico	103,546	57,323	44,525	2,568	33,232	1,869	6,856	1,698	39.8	40.9	41.8	43.1	43.7
New York	1,027,870	672,311	311,595	137,124	102,835	67,932	3,704	43,964	26.9	28.1	29.8	30.7	31.7
North Carolina	373,168	275,630	91,076	74,808	4,965	7,547	3,756	6,462	22.6	23.2	24.1	24.2	24.8
North Dakota	40,554	35,916	3,187	339	286	310	2,252	1,451	7.3	7.5	7.8	7.6	8.2
Ohio	537,535	448,218	72,892	51,225	8,163	11,371	2,133	16,425	12.1	12.7	13.2	13.6	14.0
Oklahoma	177,255	133,516	35,409	12,848	4,280	4,440	13,841	8,330	17.7	18.7	19.9	20.4	21.0
Oregon	165,168	138,104	20,660	2,784	5,764	9,525	2,587	6,404	10.6	11.6	12.2	13.4	13.0
Pennsylvania	621,994	518,526	86,119	52,118	11,734	20,867	1,400	17,349	12.5	12.5	13.2	14.0	14.2
Rhode Island	72,432	60,722	9,069	3,185	2,970	2,641	273	2,641	10.2	11.0	11.4	12.3	13.0
South Carolina	174,303	126,593	44,786	40,371	1,639	2,263	513	2,924	23.7	23.8	24.7	25.3	26.1
South Dakota	35,373	31,431	3,019	288	175	259	2,297	923	7.5	6.8	8.6	8.9	8.8
Tennessee	247,043	198,139	44,039	36,841	2,595	3,789	814	4,865	17.1	17.3	17.7	17.8	18.2
Texas	955,439	582,317	346,514	94,758	202,451	44,125	5,180	26,608	32.4	33.4	35.1	36.3	37.3
Utah	151,637	136,543	9,902	912	4,130	3,309	1,551	5,192	5.9	6.6	6.5	6.6	6.8
Vermont	35,090	32,762	1,528	366	490	494	178	800	4.0	3.9	4.8	5.9	4.5
Virginia	353,788	260,077	85,843	58,191	8,447	17,660	1,545	7,868	21.3	22.4	23.6	24.0	24.8
Washington	292,180	231,505	51,229	10,735	11,410	23,401	5,683	9,446	14.8	15.7	16.9	17.5	18.1
West Virginia	85,689	78,727	5,215	3,572	517	899	227	1,747	5.4	5.6	5.9	5.9	6.2
Wisconsin	299,127	264,203	28,055	12,863	6,307	6,562	2,323	6,869	8.7	9.1	9.4	9.5	9.6
Wyoming	30,805	27,976	2,435	276	1,384	257	518	394	7.3	6.7	6.9	7.4	8.0
U.S. Service Schools	81,669	65,036	16,107	10,703	2,929	2,107	368	526	21.1	21.6	22.0	19.8	19.9
Outlying areas	181,660	698	180,300	2,527	168,985	8,780	8	662	99.5	99.4	99.5	99.6	99.6
American Samoa	1,239	0	1,239	0	0	1,239	0	0	100.0	100.0	100.0	100.0	100.0
Federated States of Micronesia	1,396	0	1,396	0	0	1,396	0	0	100.0	100.0	100.0	100.0	100.0
Guam	5,335	454	4,556	28	36	4,488	4	325	89.5	89.3	90.0	90.4	90.9
Marshall Islands	431	0	431	0	0	431	0	0	100.0	99.7	100.0	100.0	100.0
Northern Marianas	1,096	73	860	0	7	853	0	163	89.5	92.1	92.3	92.1	92.2
Palau	332	0	332	0	0	332	0	0	100.0	100.0	100.0	100.0	100.0
Puerto Rico	168,933	37	168,846	5	168,831	9	1	50	100.0	99.9	100.0	100.0	100.0
Virgin Islands	2,898	134	2,640	2,494	111	32	3	124	91.3	91.7	92.5	94.5	95.2

¹ Preliminary data.

² Percent minority based on U.S. citizen enrollment (total enrollment less enrollment of nonresident aliens).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared January 1998.)

NOTE.—Because of adjustments to underreported and nonreported racial/ethnic data, figures are slightly different from corresponding data in other tables.

Table 211.—Number and percent of students enrolled in postsecondary institutions, by disability status and selected student characteristics: 1995–96

Selected student characteristics	Undergraduate			Graduate and first-professional ¹		
	All students	Disabled students ²	Nondisabled students	All students	Disabled students ²	Nondisabled students
1	2	3	4	5	6	7
Total (in thousands)	16,678	892	15,786	2,784	89	2,695
Sex	100.0	100.0	100.0	100.0	100.0	100.0
Male	44.1	50.0	43.8	45.7	31.3	46.2
Female	55.9	50.0	56.2	54.3	68.7	53.8
Race/ethnicity of student	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic	71.4	80.9	70.8	80.6	73.9	80.9
Black, non-Hispanic	11.6	7.1	11.9	6.4	10.7	6.2
Hispanic	10.3	7.7	10.5	4.9	9.8	4.7
Asian/Pacific Islander	5.3	1.8	5.5	8.1	5.6	8.2
American Indian/Alaskan Native	0.9	2.1	0.8	—	—	—
Other	0.5	0.4	0.5	—	—	—
Age	100.0	100.0	100.0	100.0	100.0	100.0
15 to 23	54.9	46.0	55.5	9.2	7.6	9.3
24 to 29	17.9	13.6	18.1	42.7	32.3	43.0
30 or older	27.2	40.4	26.4	48.1	60.0	47.7
Attendance status	100.0	100.0	100.0	100.0	100.0	100.0
Full time	40.5	38.7	40.6	32.5	34.2	32.5
Part time	59.5	61.3	59.4	67.5	65.8	67.5
Student housing status	100.0	100.0	100.0	100.0	100.0	100.0
On-campus	14.6	12.0	14.8	6.5	6.6	6.5
Off-campus	58.0	62.7	57.7	86.9	82.3	87.1
With parents or relatives	27.4	25.3	27.5	6.6	11.1	6.4
Dependency status	100.0	100.0	100.0	100.0	100.0	100.0
Dependent	49.3	40.7	49.8	50.5	48.8	50.5
Independent, unmarried	16.7	21.5	16.4	20.7	21.5	20.7
Independent, married	9.8	8.0	9.9	28.8	29.7	28.8
Independent with dependents	24.2	29.8	23.9	—	—	—
Veteran status	100.0	100.0	100.0	100.0	100.0	100.0
Veteran	5.2	9.7	5.0	5.2	10.6	5.0
Not veteran	94.8	90.3	95.0	94.8	89.4	95.0
Field of study	100.0	100.0	100.0	100.0	100.0	100.0
Business/management	15.7	13.8	15.8	17.1	14.8	17.1
Education	6.8	6.6	6.8	26.1	23.8	26.2
Engineering/computer science	9.6	10.9	9.6	8.3	3.7	8.4
Health	10.1	9.0	10.2	13.0	28.6	12.5
Humanities	11.6	13.9	11.5	9.7	6.2	9.8
Law	0.0	0.0	0.0	5.2	4.1	5.2
Life/physical sciences	5.3	3.2	5.4	6.3	2.1	6.5
Social/Behavioral sciences	7.6	7.5	7.6	7.8	5.8	7.9
Vocational/technical	2.1	3.0	2.1	0.0	0.0	0.0
Undeclared	20.3	20.9	20.3	3.5	7.1	3.4
Other	10.8	11.3	10.7	2.9	3.8	2.9

¹ Includes chiropractic medicine, medicine, dentistry, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

² Disabled students are those who reported that they had one or more of the following conditions: a specific learning disability, a visual handicap, hard of hearing, deafness, a speech disability, an orthopedic handicap, or a health impairment.

—Sample size too small for a reliable estimate.

NOTE.—Because of rounding and survey item nonresponse, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "The 1995–96 National Postsecondary Student Aid Study." (This table was prepared October 1997).

Table 212.—Enrollment of persons 14 to 34 years of age¹ in institutions of higher education, by race/ethnicity, sex, and year of college: October 1965 to October 1997

Characteristic	1965	1970	1975	1980	1985 ²	1987	1988	1989	1990	1991	1992	1993	1994 ³	1995	1996	1997
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Numbers in thousands																
All students	5,675	7,413	9,697	10,181	10,863	10,915	10,937	11,066	11,303	11,589	11,671	11,409	12,298	12,046	12,448	12,640
White, non-Hispanic ⁴																
Total	5,317	6,759	8,141	8,453	8,781	8,519	8,616	8,786	8,892	8,916	8,883	8,592	9,076	8,973	8,943	9,087
Men	3,326	4,066	4,566	4,225	4,361	4,221	4,155	4,220	4,298	4,323	4,207	4,168	4,313	4,319	4,222	4,353
Women	1,991	2,693	3,576	4,228	4,420	4,299	4,461	4,565	4,594	4,594	4,676	4,424	4,764	4,654	4,721	4,734
Black, non-Hispanic ⁴																
Total	274	522	927	996	1,036	1,162	1,096	1,116	1,167	1,190	1,205	1,227	1,469	1,415	1,513	1,500
Men	126	253	433	431	458	505	423	425	508	523	467	515	641	579	633	595
Women	148	269	494	565	578	657	674	690	659	667	738	713	828	837	879	904
Hispanic origin																
Total	—	—	411	443	579	667	654	640	617	721	816	867	982	1,014	1,039	1,109
Men	—	—	219	222	280	369	313	311	297	310	349	391	443	495	440	495
Women	—	—	192	221	299	298	341	330	321	411	468	475	539	519	599	614
Year of college																
First	1,861	2,212	2,886	2,958	2,956	2,915	3,131	2,983	3,109	2,995	3,274	3,139	3,357	3,236	3,295	3,637
Second	1,256	1,739	2,376	2,411	2,585	2,745	2,598	2,680	2,798	2,959	3,002	2,964	3,075	3,068	3,060	2,764
Third	896	1,248	1,491	1,716	1,931	2,011	1,979	2,017	1,958	2,009	2,136	2,080	2,244	2,239	2,235	2,280
Fourth	803	1,074	1,354	1,403	1,642	1,556	1,631	1,676	1,817	1,877	1,681	1,692	1,902	1,772	2,033	2,010
Fifth or higher ..	859	1,140	1,590	1,692	1,749	1,690	1,598	1,711	1,620	1,749	1,578	1,535	1,719	1,731	1,823	1,948
Percentage distribution																
All students	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic ⁴																
Total	93.7	91.2	84.0	83.0	80.8	78.1	78.8	79.4	78.7	76.9	76.1	75.3	73.8	74.5	71.8	71.9
Men	58.6	54.8	47.1	41.5	40.1	38.7	38.0	38.1	38.0	37.3	36.0	36.5	35.1	35.9	33.9	34.4
Women	35.1	36.3	36.9	41.5	40.7	39.4	40.8	41.3	40.6	39.6	40.1	38.8	38.7	38.6	37.9	37.5
Black, non-Hispanic ⁴																
Total	4.8	7.0	9.6	9.8	9.5	10.6	10.0	10.1	10.3	10.3	10.3	10.8	11.9	11.7	12.2	11.9
Men	2.2	3.4	4.5	4.2	4.2	4.6	3.9	3.8	4.5	4.5	4.0	4.5	5.2	4.8	5.1	4.7
Women	2.6	3.6	5.1	5.5	5.3	6.0	6.2	6.2	5.8	5.8	6.3	6.2	6.7	6.9	7.1	7.2
Hispanic origin																
Total	—	—	4.2	4.4	5.3	6.1	6.0	5.8	5.5	6.2	7.0	7.6	8.0	8.4	8.3	8.8
Men	—	—	2.3	2.2	2.6	3.4	2.9	2.8	2.6	2.7	3.0	3.4	3.6	4.1	3.5	3.9
Women	—	—	2.0	2.2	2.8	2.7	3.1	3.0	2.8	3.5	4.0	4.2	4.4	4.3	4.8	4.9
Year of college																
First	32.8	29.8	29.8	29.1	27.2	26.7	28.6	27.0	27.5	25.8	28.1	27.5	27.3	26.9	26.5	28.8
Second	22.1	23.5	24.5	23.7	23.8	25.1	23.8	24.2	24.8	25.5	25.7	26.0	25.0	25.5	24.6	21.9
Third	15.8	16.8	15.4	16.9	17.8	18.4	18.1	18.2	17.3	17.3	18.3	18.2	18.3	18.6	18.0	18.0
Fourth	14.1	14.5	14.0	13.8	15.1	14.3	14.9	15.1	16.1	16.2	14.4	14.8	15.5	14.7	16.3	15.9
Fifth or higher ..	15.1	15.4	16.4	16.6	16.1	15.5	14.6	15.5	14.3	15.1	13.5	13.5	14.0	14.4	14.6	15.4

¹ Totals differ from those shown in other tables. This table presents data collected in sample surveys of households rather than surveys of institutions. Excludes persons age 35 and over.

² Data for 1985 to 1993 are controlled to 1980 census base.

³ Data are controlled to 1990 census base. Large increase in 1994 is partly due to the change in census base and change in survey form administration procedures.

⁴ Data for 1965 and 1970 include persons of Hispanic origin.

—Data not available.

NOTE.—Data are based upon sample surveys of the civilian noninstitutional population. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-20, No. 403, and unpublished data. (This table was prepared September 1998.)

Table 213.—Enrollment in postsecondary education, by major field of study, age, and level of student: 1995–96

Field of study	All students				Undergraduate								Graduate and first-professional			
	Total, in thousands	Percentage distribution, by age			2-year institutions ¹				4-year institutions				Total, in thousands	Percentage distribution, by age		
		Under 25	25 to 34	Over 35	Total, in thousands	Percentage distribution, by age			Total, in thousands	Percentage distribution, by age				Under 25	25 to 34	Over 35
						Under 25	25 to 34	Over 35		Under 25	25 to 34	Over 35				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	19,444	53.0	26.3	20.7	8,887	48.1	27.0	24.9	7,791	71.4	17.1	11.5	2,767	17.4	49.5	33.1
Agriculture	204	65.8	21.1	13.1	71	60.5	21.0	18.5	109	80.5	12.0	7.5	24	13.7	63.8	22.5
Architecture/city planning	82	62.8	32.5	4.6	(²)	(²)	(²)	(²)	50	89.0	8.8	2.2	22	16.3	73.5	10.2
Area studies	—	—	—	—	(²)	(²)	(²)	(²)	24	76.2	11.5	12.3	(²)	(²)	(²)	(²)
Business	2,949	48.7	29.7	21.6	1,295	45.2	29.0	25.8	1,233	64.2	20.8	15.0	420	13.9	58.0	28.1
Communications/journalism	335	71.5	17.5	11.0	89	57.3	23.1	19.6	224	82.0	11.8	6.2	22	21.3	52.9	25.8
Computer science	554	42.7	31.6	25.7	275	34.4	31.1	34.5	219	62.4	23.4	14.2	60	9.2	63.3	27.6
Education	1,590	45.0	27.0	28.0	337	63.0	22.2	14.8	649	67.0	17.5	15.5	604	11.3	39.9	48.9
Engineering	1,002	58.6	28.9	12.5	403	48.2	30.4	21.5	477	77.6	18.5	3.8	122	18.7	64.4	16.9
Foreign language	—	—	—	—	(²)	(²)	(²)	(²)	55	78.2	16.1	5.7	(²)	(²)	(²)	(²)
Health	2,157	47.4	31.4	21.2	1,273	42.7	34.4	22.9	637	65.9	19.8	14.3	247	23.6	46.1	30.3
Medicine/dentistry	83	43.3	49.9	6.8	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	83	43.3	49.9	6.8
Home economics	473	55.8	27.7	16.5	375	53.0	30.5	16.6	81	77.8	13.0	9.2	17	15.0	36.1	48.9
Industrial arts	210	53.2	30.0	16.8	181	41.9	33.5	24.7	28	81.9	11.0	7.1	(²)	(²)	(²)	(²)
Interdisciplinary science	153	62.8	22.4	14.9	37	73.8	11.7	14.6	89	72.8	17.0	10.2	27	14.0	55.1	30.9
Law	636	53.2	30.0	16.8	352	52.2	27.1	20.6	142	69.0	21.0	10.0	142	39.6	46.3	14.1
Letters/liberal studies ..	1,340	60.6	21.9	17.5	908	59.1	22.3	18.6	383	69.9	17.4	12.7	48	15.8	50.9	33.3
Library science	24	5.8	57.6	36.6	(²)	(²)	(²)	(²)	(²)	(²)	(²)	(²)	24	5.8	57.6	36.6
Life sciences	558	77.2	19.1	3.7	118	72.0	23.2	4.8	380	87.4	10.3	2.3	60	22.5	67.1	10.4
Mathematics	113	56.7	28.8	14.5	(²)	(²)	(²)	(²)	63	76.5	17.6	6.0	25	20.6	61.1	18.4
Mechanics/transportation	230	39.4	29.3	31.3	208	34.8	30.9	34.3	22	82.1	15.0	3.0	(²)	(²)	(²)	(²)
Philosophy and religion ..	90	44.6	33.9	21.5	(²)	(²)	(²)	(²)	46	71.5	15.0	13.5	42	12.5	56.1	31.4
Physical science	178	63.4	29.1	7.5	(²)	(²)	(²)	(²)	106	81.4	17.0	1.6	44	20.9	59.5	19.6
Psychology	495	67.4	21.1	11.5	84	69.8	20.8	9.4	347	75.3	15.7	9.1	65	21.9	50.8	27.3
Public administration/social work	241	38.7	34.5	26.8	59	39.1	33.5	27.4	90	55.0	20.7	24.2	93	22.7	48.4	29.0
Social sciences	713	67.3	21.4	11.3	122	65.2	22.0	12.8	492	76.9	15.0	8.2	99	22.7	52.4	24.9
Visual and performing arts	603	66.0	20.7	13.3	169	57.1	19.4	23.5	357	79.4	14.7	5.9	78	23.6	51.2	25.2
Other ³	181	53.0	23.4	23.5	27	35.1	27.0	37.9	115	71.3	16.2	12.6	38	10.3	43.1	46.5
Undeclared	3,523	54.0	21.2	24.9	2,196	45.5	23.4	31.1	1,248	71.7	15.5	12.8	78	9.8	49.0	41.2

¹ Includes less-than-2-year schools.

² Too few sample cases for a reliable estimate.

³ Includes students whose classification is unknown.

—Data not available.

NOTE.—Because of different survey editing and processing procedures, enrollment data in this table may differ from those appearing in other tables. Because of rounding, details may not add to totals. Includes students who enrolled at any time during the 1995–96 academic year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "The 1995–96 National Postsecondary Student Aid Study," unpublished data. (This table was prepared November 1997).

Table 215.—Degree-granting 2-year and 4-year institutions, by type, control, and size of enrollment: Fall 1996¹

Control of institution and size of total enrollment 1	All institutions		Universities		All other 4-year institutions		2-year institutions	
	Number ² 2	Enrollment 3	Number ² 4	Enrollment 5	Number ² 6	Enrollment 7	Number ² 8	Enrollment 9
Total	3,842	14,367,520	156	2,984,965	2,044	5,819,228	1,642	5,563,327
Under 200	474	54,775	0	0	249	27,519	225	27,256
200 to 499	563	188,906	0	0	247	84,757	316	104,149
500 to 999	523	384,035	0	0	346	257,487	177	126,548
1,000 to 2,499	866	1,445,889	0	0	571	929,358	295	516,531
2,500 to 4,999	563	1,946,596	5	20,988	285	973,753	273	951,855
5,000 to 9,999	459	3,228,457	28	219,382	213	1,464,502	218	1,544,573
10,000 to 19,999	272	3,751,871	55	774,630	112	1,543,842	105	1,433,399
20,000 to 29,999	94	2,273,919	45	1,098,907	20	501,744	29	673,268
30,000 or more	28	1,093,072	23	871,058	1	36,266	4	185,748
Public institutions	1,645	11,120,499	94	2,226,529	514	3,579,507	1,037	5,314,463
Under 200	28	3,519	0	0	5	281	23	3,238
200 to 499	55	19,630	0	0	9	3,200	46	16,430
500 to 999	115	88,222	0	0	31	24,246	84	63,976
1,000 to 2,499	348	618,430	0	0	87	150,946	261	467,484
2,500 to 4,999	381	1,342,602	0	0	112	402,761	269	939,841
5,000 to 9,999	368	2,613,085	6	53,094	146	1,028,912	216	1,531,079
10,000 to 19,999	235	3,263,388	27	398,838	103	1,431,151	105	1,433,399
20,000 to 29,999	89	2,146,275	40	971,263	20	501,744	29	673,268
30,000 or more	26	1,025,348	21	803,334	1	36,266	4	185,748
Private institutions	2,197	3,247,021	62	758,436	1,530	2,239,721	605	248,864
Under 200	446	51,256	0	0	244	27,238	202	24,018
200 to 499	508	169,276	0	0	238	81,557	270	87,719
500 to 999	408	295,813	0	0	315	233,241	93	62,572
1,000 to 2,499	518	827,459	0	0	484	778,412	34	49,047
2,500 to 4,999	182	603,994	5	20,988	173	570,992	4	12,014
5,000 to 9,999	91	615,372	22	166,288	67	435,590	2	13,494
10,000 to 19,999	37	488,483	28	375,792	9	112,691	0	0
20,000 to 29,999	5	127,644	5	127,644	0	0	0	0
30,000 or more	2	67,724	2	67,724	0	0	0	0
Nonprofit institutions	1,633	2,942,556	62	758,436	1,397	2,108,745	174	75,375
Under 200	292	32,125	0	0	226	25,188	66	6,937
200 to 499	257	87,446	0	0	195	66,755	62	20,691
500 to 999	315	232,625	0	0	279	207,810	36	24,815
1,000 to 2,499	470	755,555	0	0	462	743,319	8	12,236
2,500 to 4,999	168	558,903	5	20,988	162	534,974	1	2,941
5,000 to 9,999	87	592,051	22	166,288	64	418,008	1	7,755
10,000 to 19,999	37	488,483	28	375,792	9	112,691	0	0
20,000 to 29,999	5	127,644	5	127,644	0	0	0	0
30,000 or more	2	67,724	2	67,724	0	0	0	0
Proprietary institutions	564	304,465	0	0	133	130,976	431	173,489
Under 200	154	19,131	0	0	18	2,050	136	17,081
200 to 499	251	81,830	0	0	43	14,802	208	67,028
500 to 999	93	63,188	0	0	36	25,431	57	37,757
1,000 to 2,499	48	71,904	0	0	22	35,093	26	36,811
2,500 to 4,999	14	45,091	0	0	11	36,018	3	9,073
5,000 to 9,999	4	23,321	0	0	3	17,582	1	5,739
10,000 to 19,999	0	0	0	0	0	0	0	0
20,000 to 29,999	0	0	0	0	0	0	0	0
30,000 or more	0	0	0	0	0	0	0	0

¹These preliminary data represent the branch campuses and enrollments reported in the "Fall Enrollment" survey. Includes 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

²Some institutions do not report separate enrollment data for each branch campus. For this reason, counts of institutions in this table are somewhat lower than figures appearing in other tables.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1996" survey. (This table was prepared August 1998.)

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1996	Total enrollment, fall 1997	Enrollment, by sex, fall 1996		Enrollment, by attendance status, fall 1996	
									Men	Women	Full-time	Part-time
									10	11	12	13
1	2	3	4	5	6	7	8	9	10	11	12	13
—	United States, all institutions	—	—	—	13,818,637	14,261,781	14,300,255	—	6,343,992	7,956,263	8,213,490	6,086,765
—	Colleges with enrollment over 14,600	—	—	—	5,058,120	5,097,869	5,118,100	—	2,403,032	2,715,068	2,998,186	2,119,914
1	Auburn University, Main Campus	Ala.	1	1	21,537	22,122	21,778	21,505	11,457	10,321	18,675	3,103
2	The University of Alabama	Ala.	1	1	19,794	18,985	17,953	18,324	8,531	9,422	14,792	3,161
3	University of Alabama at Birmingham	Ala.	1	1	15,356	15,502	15,274	14,933	6,739	8,535	9,931	5,343
4	University of Alaska, Anchorage	Alaska	1	1	17,490	16,206	16,041	14,765	6,298	9,743	6,113	9,928
5	Arizona State University, Main Campus	Ariz.	1	1	42,936	42,040	42,463	—	20,831	21,632	29,949	12,514
6	Glendale Community College	Ariz.	1	2	18,512	17,699	17,348	17,369	7,469	9,879	5,323	12,025
7	Mesa Community College	Ariz.	1	2	19,818	21,244	21,761	21,814	10,356	11,405	7,109	14,652
8	Northern Arizona University	Ariz.	1	1	16,992	20,131	19,605	—	7,937	11,668	13,521	6,084
9	Pima Community College	Ariz.	1	2	28,766	27,866	27,177	27,761	12,102	15,075	6,961	20,216
10	University of Arizona	Ariz.	1	1	35,729	34,777	34,777	—	17,161	17,616	27,004	7,773
11	American River College	Calif.	1	2	18,716	20,170	19,786	—	8,605	11,181	4,907	14,879
12	Cal. Polytechnic State U., San Luis Obispo	Calif.	1	1	17,751	16,023	17,000	16,735	9,627	7,373	15,370	1,630
13	California State Polytechnic U., Pomona	Calif.	1	1	19,468	16,605	16,803	17,246	9,447	7,356	11,930	4,873
14	California State University, Fresno	Calif.	1	1	19,960	17,461	17,213	18,113	7,703	9,510	13,600	3,613
15	California State University, Fullerton	Calif.	1	1	25,592	22,604	24,040	24,906	10,201	13,839	15,005	9,035
16	California State University, Long Beach	Calif.	1	1	33,987	26,403	27,431	27,809	12,108	15,323	17,900	9,531
17	California State University, Los Angeles	Calif.	1	1	21,597	18,385	18,849	19,160	7,586	11,263	11,094	7,755
18	California State University, Northridge	Calif.	1	1	31,167	25,015	27,189	27,653	11,555	15,634	17,472	9,717
19	California State University, Sacramento	Calif.	1	1	26,336	22,796	23,420	23,478	10,192	13,228	16,030	7,390
20	Cerritos College	Calif.	1	2	15,886	19,981	19,622	—	8,604	11,018	4,286	15,336
21	City College of San Francisco	Calif.	1	2	24,408	26,019	26,933	—	12,034	14,899	6,687	20,246
22	De Anza College	Calif.	1	2	21,948	22,545	23,697	—	11,028	12,669	7,581	16,116
23	Diablo Valley College	Calif.	1	2	20,255	18,192	18,687	—	8,492	10,195	6,207	12,480
24	East Los Angeles College	Calif.	1	2	12,447	15,289	15,376	—	6,283	9,093	4,200	11,176
25	El Camino College	Calif.	1	2	25,789	21,540	22,657	—	10,183	12,474	6,023	16,634
26	Fresno City College	Calif.	1	2	14,710	16,287	16,819	—	7,722	9,097	5,066	11,753
27	Fullerton College	Calif.	1	2	17,548	17,748	17,971	—	8,563	9,408	5,288	12,683
28	Grossmont College	Calif.	1	2	15,357	14,560	14,730	—	6,365	8,365	5,137	9,593
29	Long Beach City College	Calif.	1	2	18,378	18,137	17,509	—	7,601	9,908	4,060	13,449
30	Los Angeles Valley College	Calif.	1	2	16,457	15,362	15,537	—	6,536	9,001	3,856	11,681
31	Mt. San Antonio College	Calif.	1	2	20,563	22,202	22,960	—	10,660	12,300	6,956	16,004
32	Orange Coast College	Calif.	1	2	22,365	21,135	21,405	—	10,433	10,972	6,034	15,371
33	Palomar College	Calif.	1	2	16,707	18,894	20,509	—	9,499	11,010	5,155	15,354
34	Pasadena City College	Calif.	1	2	19,581	21,101	21,680	—	9,619	12,061	6,576	15,104
35	Rancho Santiago College	Calif.	1	2	20,532	20,392	24,611	—	14,102	10,509	5,464	19,147
36	Riverside Community College	Calif.	1	2	15,683	18,633	19,971	—	8,052	11,919	5,294	14,677
37	Sacramento City College	Calif.	1	2	14,474	16,098	16,583	—	6,904	9,679	5,227	11,356
38	Saddleback College	Calif.	1	2	12,427	14,093	17,242	—	7,205	10,037	4,156	13,086
39	San Diego Mesa College	Calif.	1	2	23,410	19,904	20,055	—	9,513	10,542	5,163	14,892
40	San Diego State University	Calif.	1	1	35,493	29,350	29,981	30,593	13,295	16,686	21,479	8,502
41	San Francisco State University	Calif.	1	1	29,343	26,791	27,420	26,982	11,108	16,312	18,061	9,359
42	San Joaquin Delta College	Calif.	1	2	14,792	14,640	15,608	—	6,525	9,083	5,200	10,408
43	San Jose State University	Calif.	1	1	30,334	25,997	25,874	26,897	12,122	13,752	16,642	9,232
44	Santa Monica College	Calif.	1	2	18,108	20,392	22,068	—	9,559	12,509	6,660	15,408
45	Santa Rosa Junior College	Calif.	1	2	20,475	20,102	22,663	—	9,464	13,199	5,976	16,687
46	Southwestern College	Calif.	1	2	13,010	15,037	15,517	—	6,975	8,542	5,003	10,514
47	Stanford University	Calif.	2	1	14,724	16,003	15,754	—	9,187	6,567	12,288	3,466
48	University of California, Berkeley	Calif.	1	1	30,634	29,630	29,797	30,290	15,730	14,067	27,007	2,790
49	University of California, Davis	Calif.	1	1	23,890	23,091	23,931	24,551	11,628	12,303	21,664	2,267
50	University of California, Irvine	Calif.	1	1	16,808	17,256	17,885	17,803	8,985	8,900	16,765	1,120
51	University of California, Los Angeles	Calif.	1	1	36,420	34,713	35,594	35,558	17,894	17,700	33,622	1,972
52	University of California, San Diego	Calif.	1	1	17,790	18,315	18,110	18,657	9,449	8,661	17,328	782
53	University of California, Santa Barbara	Calif.	1	1	18,385	18,224	18,531	18,940	8,897	9,634	17,770	761
54	University of Southern California	Calif.	2	1	28,374	27,971	28,081	—	15,064	13,017	21,443	6,638
55	Colorado State University	Colo.	1	1	26,828	26,340	25,865	26,365	12,472	13,393	19,483	6,382
56	Metropolitan State College of Denver	Colo.	1	1	17,400	16,932	17,343	17,657	7,586	9,757	9,356	7,987
57	University of Colorado at Boulder	Colo.	1	1	28,600	27,624	27,546	28,209	14,665	12,881	21,137	6,409
58	University of Connecticut	Conn.	1	1	25,497	22,471	21,805	21,249	10,571	11,234	15,892	5,913
59	University of Delaware	Del.	1	1	20,818	21,365	21,380	21,166	9,467	11,913	15,818	5,562
60	George Washington University	D.C.	2	1	19,103	19,670	18,986	19,356	9,516	9,470	11,507	7,479
61	Broward Community College	Fla.	1	2	24,365	25,738	26,435	26,472	10,304	16,131	7,720	18,715
62	Florida Atlantic University	Fla.	1	1	12,767	17,704	18,111	18,823	7,349	10,762	8,319	9,792
63	Florida Community College at Jacksonville	Fla.	1	2	20,974	21,237	20,944	20,530	8,558	12,386	5,551	15,393
64	Florida International University	Fla.	1	1	22,466	28,171	29,720	30,012	12,663	17,057	13,591	16,129
65	Florida State University	Fla.	1	1	28,170	30,155	30,154	30,401	13,523	16,631	23,811	6,343
66	Hillsborough Community College	Fla.	1	2	19,134	20,311	18,518	17,936	7,669	10,849	3,918	14,600
67	Miami-Dade Community College	Fla.	1	2	50,078	47,060	48,795	48,449	20,096	28,699	15,584	33,211
68	Nova Southeastern University	Fla.	2	1	9,562	13,941	14,951	15,782	5,706	9,245	6,899	8,052
69	Palm Beach Community College	Fla.	1	2	18,392	18,310	18,032	18,410	6,890	11,142	5,101	12,931
70	Saint Petersburg Junior College	Fla.	1	2	20,012	21,176	20,174	20,696	7,759	12,415	5,878	14,296
71	University of Central Florida	Fla.	1	1	21,541	26,556	27,684	28,685	12,686	14,998	16,265	11,419
72	University of Florida	Fla.	1	1	35,477	39,412	39,863	—	20,748	19,115	33,838	6,025

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996—Continued

Enrollment, by level, fall 1996		Earned degrees conferred, 1995–96					Financial statistics, 1995–96, in thousands			Full-time-equivalent enrollment, fall 1995	Full-time-equivalent enrollment, fall 1996	Line no.
Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	Doctor's	First professional	Current-fund revenues	Current-fund expenditures	Educational and general expenditures			
14	15	16	17	18	19	20	21	22	23	24	25	26
12,259,417	2,040,838	555,216	1,164,792	406,301	44,652	76,734	\$197,973,236	\$190,476,163	\$151,445,605	10,334,956	10,402,260	—
4,205,151	912,949	113,371	483,712	182,416	30,088	27,500	³ \$81,004,932	³ \$78,591,049	³ \$60,617,294	3,742,828	3,764,942	—
18,396	3,382	—	3,586	714	151	99	371,125	348,471	303,146	20,074	19,865	1
14,113	3,840	—	2,684	1,148	197	186	290,745	278,572	230,524	16,871	16,003	2
10,692	4,582	—	1,556	940	126	252	992,240	920,710	467,498	12,077	12,028	3
15,473	568	665	833	180	—	—	116,306	115,110	107,232	10,274	10,105	4
31,859	10,604	—	5,727	1,962	315	138	534,148	519,690	457,549	34,122	34,793	5
17,348	—	647	—	—	—	—	42,979	38,271	34,708	9,416	9,360	6
21,761	—	1,002	—	—	—	—	60,744	51,119	46,276	11,677	12,028	7
14,250	5,355	—	2,905	1,419	57	—	206,445	193,910	167,486	15,978	15,812	8
27,177	—	987	—	—	—	—	77,805	75,513	74,700	14,075	13,748	9
26,153	8,624	—	4,599	1,374	384	316	761,884	745,243	655,588	30,013	30,013	10
19,786	—	989	—	—	—	—	—	—	—	9,990	9,902	11
15,947	1,053	—	3,056	301	—	—	162,182	158,399	146,939	14,991	16,012	12
14,874	1,929	—	2,578	308	—	—	139,052	139,668	132,549	13,607	13,839	13
14,100	3,113	—	3,042	569	9	—	147,494	144,670	140,798	15,203	14,991	14
20,090	3,950	—	3,936	777	—	—	150,404	141,236	135,210	17,432	18,550	15
22,052	5,379	—	4,228	934	—	—	196,488	196,323	184,153	20,835	21,605	16
13,995	4,854	—	2,483	725	—	—	135,339	135,824	128,023	13,801	14,081	17
21,749	5,440	—	3,802	797	—	—	222,196	210,984	196,511	19,452	21,254	18
18,713	4,707	—	3,537	833	—	—	170,609	164,273	158,203	18,301	18,907	19
19,622	—	1,119	—	—	—	—	61,363	64,350	59,401	9,562	9,435	20
26,933	—	1,848	—	—	—	—	133,274	124,794	124,794	13,405	13,484	21
23,697	—	1,215	—	—	—	—	—	—	—	12,371	12,992	22
18,687	—	715	—	—	—	—	—	—	—	10,421	10,397	23
15,376	—	641	—	—	—	—	49,850	44,783	44,783	8,128	7,952	24
22,657	—	1,289	—	—	—	—	⁴ 69,612	⁴ 72,976	⁴ 67,455	11,098	11,608	25
16,819	—	1,306	—	—	—	—	51,302	50,387	45,642	8,970	9,012	26
17,971	—	823	—	—	—	—	—	—	—	9,611	9,546	27
14,730	—	948	—	—	—	—	⁴ 41,863	⁴ 38,251	⁴ 38,251	8,303	8,358	28
17,509	—	788	—	—	—	—	64,191	62,093	61,586	8,986	8,575	29
15,537	—	641	—	—	—	—	49,771	48,816	48,816	7,597	7,778	30
22,960	—	1,037	—	—	—	—	75,501	70,054	69,378	11,953	12,329	31
21,405	—	1,018	—	—	—	—	⁴ 55,696	⁴ 53,496	⁴ 48,332	11,125	11,195	32
20,509	—	944	—	—	—	—	62,598	61,435	56,045	9,583	10,310	33
21,680	—	1,129	—	—	—	—	67,429	64,443	64,443	11,360	11,647	34
24,611	—	1,397	—	—	—	—	87,825	74,627	70,050	10,162	11,892	35
19,971	—	968	—	—	—	—	⁴ 62,085	⁴ 54,713	⁴ 49,012	9,595	10,222	36
16,583	—	809	—	—	—	—	—	—	—	8,763	9,040	37
17,242	—	780	—	—	—	—	103,189	90,878	86,851	6,273	8,549	38
20,055	—	832	—	—	—	—	45,797	38,648	33,945	10,173	10,163	39
24,239	5,742	—	4,644	1,378	21	—	241,873	230,851	219,154	24,008	24,779	40
21,049	6,371	—	3,917	1,229	—	—	209,582	210,100	197,713	21,190	21,708	41
15,608	—	897	—	—	—	—	56,572	52,114	47,889	8,183	8,694	42
20,489	5,385	—	3,816	1,284	—	—	204,050	190,845	179,768	20,120	20,239	43
22,068	—	931	—	—	—	—	78,332	73,465	65,779	11,190	11,833	44
22,663	—	1,053	—	—	—	—	70,711	68,221	62,676	10,551	11,578	45
15,517	—	871	—	—	—	—	47,538	47,278	41,803	8,274	8,533	46
6,814	8,940	—	1,719	1,893	585	257	1,974,342	1,884,784	1,146,948	13,980	13,640	47
21,226	8,571	—	5,678	1,601	770	338	942,774	938,027	878,836	28,037	28,091	48
18,874	5,057	—	3,847	565	397	352	1,186,732	1,187,074	692,946	21,652	22,571	49
14,240	3,645	—	3,093	461	185	84	—	—	—	16,606	17,206	50
23,914	11,680	—	5,644	1,975	611	569	1,962,754	1,947,694	1,222,688	33,472	34,399	51
14,623	3,487	—	3,319	384	259	38	1,127,924	1,166,647	813,279	17,783	17,638	52
16,281	2,250	—	4,223	506	222	—	359,017	355,259	309,774	17,766	18,069	53
15,342	12,739	—	3,388	2,716	539	595	1,061,388	1,055,085	819,130	23,690	23,997	54
20,024	5,841	—	3,423	759	196	123	405,166	397,218	342,253	22,088	21,924	55
17,343	—	—	2,142	—	—	—	75,415	75,155	73,430	12,287	12,579	56
21,487	6,059	—	4,105	925	297	152	496,707	481,093	387,478	23,465	23,567	57
14,454	7,351	16	2,839	1,328	239	196	420,917	441,077	375,020	18,444	18,180	58
18,094	3,286	11	3,184	729	157	—	393,076	379,825	324,963	17,859	17,997	59
7,382	11,604	12	1,235	2,996	166	617	774,505	768,431	391,585	14,629	14,411	60
26,435	—	2,014	—	—	—	—	79,218	77,237	69,671	13,419	14,003	61
14,650	3,461	61	2,602	621	50	—	160,800	157,952	143,085	11,708	12,162	62
20,944	—	2,160	—	—	—	—	87,568	89,960	88,322	10,789	10,719	63
23,722	5,998	—	3,748	1,080	74	—	210,555	206,582	183,507	19,290	19,926	64
23,305	6,849	562	5,279	1,264	273	171	402,366	397,675	342,463	26,309	26,244	65
18,518	—	1,991	—	—	—	—	55,435	57,185	53,092	9,687	8,820	66
48,795	—	4,467	—	—	—	—	212,786	208,306	198,393	26,183	26,734	67
3,902	11,049	—	1,016	2,156	447	512	183,029	171,456	159,482	9,425	10,016	68
18,032	—	1,658	—	—	—	—	45,944	45,669	45,312	9,400	9,442	69
20,174	—	2,700	—	—	—	—	61,813	59,414	59,055	11,449	10,678	70
22,767	4,917	236	4,894	1,049	77	—	203,444	194,600	169,978	19,619	20,716	71
30,008	9,855	952	6,087	1,869	434	715	920,618	918,950	849,928	35,760	36,173	72

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996—Continued

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1996	Total enrollment, fall 1997	Enrollment, by sex, fall 1996		Enrollment, by attendance status, fall 1996	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
73	University of South Florida	Fla.	1	1	32,326	36,142	36,266	34,036	15,133	21,133	18,747	17,519
74	Valencia Community College	Fla.	1	2	18,438	23,569	23,901	24,470	10,132	13,769	8,423	15,478
75	DeKalb College	Ga.	1	2	13,944	16,073	15,689	15,468	6,118	9,571	5,999	9,690
76	Georgia State University	Ga.	1	1	23,336	24,274	23,410	24,276	9,498	13,912	12,755	10,655
77	University of Georgia	Ga.	1	1	28,395	30,149	29,404	29,693	13,446	15,958	25,320	4,084
78	University of Hawaii at Manoa	Hi.	1	1	18,799	19,769	18,243	17,356	8,339	9,904	12,884	5,359
79	Boise State University	Idaho	1	1	13,367	14,543	15,079	15,433	6,419	8,660	8,236	6,843
80	City Colleges of Chicago, Truman College	Ill.	1	2	16,460	14,883	15,644	16,009	7,076	8,568	3,784	11,860
81	College of Du Page	Ill.	1	2	29,185	29,888	29,698	28,989	12,716	16,982	8,413	21,285
82	DePaul University	Ill.	2	1	15,711	17,133	17,294	17,804	7,780	9,514	9,819	7,475
83	Illinois State University	Ill.	1	1	22,662	19,756	19,722	20,331	8,477	11,245	16,227	3,495
84	Northern Illinois University	Ill.	1	1	24,509	22,218	21,609	22,082	9,640	11,969	15,507	6,102
85	Northwestern University	Ill.	2	1	17,041	17,780	17,623	17,478	9,130	8,493	13,973	3,650
86	Southern Illinois University, Carbondale	Ill.	1	1	24,078	22,418	21,863	21,908	12,371	9,492	17,959	3,904
87	Triton College	Ill.	1	2	16,759	15,363	17,576	16,799	8,142	9,434	3,804	13,772
88	University of Illinois at Chicago	Ill.	1	1	24,959	24,870	24,931	—	11,515	13,416	18,953	5,978
89	University of Illinois at Urbana	Ill.	1	1	38,163	38,420	38,841	38,070	20,942	17,899	33,571	5,270
90	William Rainey Harper College	Ill.	1	2	16,509	15,106	15,041	15,690	6,367	8,674	4,610	10,431
91	Ball State University	Ind.	1	1	20,343	20,014	19,431	19,419	9,098	10,333	15,976	3,455
92	Indiana University, Bloomington	Ind.	1	1	35,451	35,063	34,700	34,937	16,184	18,516	29,103	5,597
93	Indiana U.-Purdue U. at Indianapolis	Ind.	1	1	27,517	26,939	27,011	27,036	11,286	15,725	13,492	13,519
94	Purdue University, Main Campus	Ind.	1	1	37,588	36,427	36,893	37,447	21,550	15,343	31,290	5,603
95	Iowa State University	Iowa	1	1	25,737	24,673	24,899	25,384	14,234	10,665	21,073	3,826
96	University of Iowa	Iowa	1	1	28,785	28,052	28,447	28,409	13,626	14,821	21,586	6,861
97	Johnson County Community College	Kans.	1	2	13,740	15,477	15,073	15,271	6,788	8,285	4,528	10,545
98	Kansas State U. of Ag. and App. Science	Kans.	1	1	21,137	19,681	19,558	20,306	10,190	9,368	15,514	4,044
99	University of Kansas, Main Campus	Kans.	1	1	26,434	25,036	24,874	25,108	12,133	12,741	19,120	5,754
100	Eastern Kentucky University	Ky.	1	1	15,290	15,703	15,137	15,388	6,338	8,799	11,105	4,032
101	University of Kentucky	Ky.	1	1	22,538	23,794	23,431	23,540	11,368	12,063	18,477	4,954
102	University of Louisville	Ky.	1	1	22,979	20,559	20,374	20,283	9,430	10,944	12,705	7,669
103	Western Kentucky University	Ky.	1	1	15,170	14,675	14,613	14,543	5,839	8,774	10,308	4,305
104	Louisiana St. U. & A&M & Hebert Laws Center	La.	1	1	26,112	26,573	27,505	28,686	13,604	13,901	22,049	5,456
105	University of New Orleans	La.	1	1	15,322	15,483	15,665	15,833	6,808	8,857	9,347	6,318
106	University of Southwestern Louisiana	La.	1	1	15,764	16,902	16,740	17,020	7,196	9,544	12,658	4,082
107	Johns Hopkins University	Md.	2	1	13,363	15,765	15,716	—	8,198	7,518	7,581	8,135
108	Towson State University	Md.	1	1	15,035	14,643	15,105	15,524	5,808	9,297	10,556	4,549
109	University of Maryland College Park Campus	Md.	1	1	34,829	32,908	33,006	32,711	17,119	15,887	25,398	7,608
110	Boston College	Mass.	2	1	14,502	14,729	14,863	14,705	6,708	8,155	11,528	3,335
111	Boston University	Mass.	2	1	27,996	29,132	28,706	29,387	13,034	15,672	23,112	5,594
112	Harvard University	Mass.	2	1	22,851	24,687	24,409	24,328	12,806	11,603	18,166	6,243
113	Northeastern University	Mass.	2	1	30,510	24,605	24,579	24,325	12,399	12,180	14,135	10,444
114	University of Massachusetts, Amherst	Mass.	1	1	26,025	25,267	25,422	24,884	12,925	12,497	19,870	5,552
115	Central Michigan University	Mich.	1	1	18,286	23,575	24,249	24,747	10,393	13,856	15,583	8,666
116	Eastern Michigan University	Mich.	1	1	25,011	23,142	22,541	22,730	8,937	13,604	12,813	9,728
117	Grand Valley State University	Mich.	1	1	11,725	13,887	14,662	15,676	5,800	8,862	9,633	5,029
118	Lansing Community College	Mich.	1	2	22,343	16,404	16,136	15,690	6,890	9,246	4,147	11,989
119	Macomb Community College	Mich.	1	2	31,538	25,176	24,400	23,574	12,062	12,338	5,517	18,883
120	Michigan State University	Mich.	1	1	44,307	40,647	41,545	42,603	19,670	21,875	33,271	8,274
121	Oakland Community College	Mich.	1	2	28,069	25,913	24,732	24,223	9,943	14,789	5,006	19,726
122	University of Michigan, Ann Arbor	Mich.	1	1	36,391	36,687	36,525	36,995	19,376	17,149	33,057	3,468
123	Wayne State University	Mich.	1	1	33,872	32,149	31,185	30,729	13,509	17,676	14,481	16,704
124	Western Michigan University	Mich.	1	1	26,989	26,537	25,699	26,132	11,476	14,223	16,598	9,101
125	University of Minnesota, Twin Cities	Minn.	1	1	57,168	51,445	51,388	45,410	24,183	27,205	23,713	27,675
126	Mississippi State University	Miss.	1	1	14,391	14,330	14,831	15,628	8,321	6,510	11,906	2,925
127	Southwest Missouri State University	Mo.	1	1	19,480	16,439	16,364	16,468	7,107	9,257	11,804	4,560
128	University of Missouri, Columbia	Mo.	1	1	25,058	22,356	22,519	22,552	10,807	11,712	18,773	3,746
129	University of Missouri, St. Louis	Mo.	1	1	15,393	15,972	16,094	15,576	5,963	10,131	5,577	10,517
130	Central Community College Area	Nebr.	1	2	10,915	11,869	14,903	6,743	6,006	8,897	2,699	12,204
131	University of Nebraska at Lincoln	Nebr.	1	1	24,453	24,320	23,887	22,827	12,676	11,211	18,989	4,898
132	Community College of Southern Nevada	Nev.	1	2	14,161	20,417	24,678	24,728	11,103	13,575	3,368	21,310
133	University of Nevada, Las Vegas	Nev.	1	1	17,937	18,842	18,709	19,249	8,540	10,169	9,703	9,006
134	University of New Hampshire, Main Campus	N.H.	1	1	13,260	15,466	15,429	15,146	6,481	8,948	11,527	3,902
135	Rutgers University, New Brunswick	N.J.	1	1	33,016	33,773	33,862	34,420	15,251	18,611	25,222	8,640
136	Albuquerque Technical-Vocational Institute	N.Mex.	1	2	9,739	15,225	15,549	16,069	6,581	8,968	4,171	11,378
137	New Mexico State University, Main Campus	N.Mex.	1	1	14,812	15,127	14,750	15,067	7,091	7,659	10,446	4,304
138	University of New Mexico, Main Campus	N.Mex.	1	1	23,950	24,605	23,762	23,956	10,373	13,389	14,065	9,697
139	Columbia University in the City of New York	N.Y.	2	1	18,242	19,302	19,603	20,256	10,014	9,589	15,806	3,797
140	CUNY, Bernard M. Baruch College	N.Y.	1	1	15,849	15,433	15,202	—	6,637	8,565	8,752	6,450
141	CUNY, Borough of Manhattan Community College ...	N.Y.	1	2	14,819	16,334	16,772	—	5,811	10,961	10,311	6,461
142	CUNY, Brooklyn College	N.Y.	1	1	16,605	16,282	15,579	—	5,756	9,823	7,990	7,589
143	CUNY, Hunter College	N.Y.	1	1	19,639	18,250	18,772	—	5,178	13,594	9,645	9,127
144	CUNY, Kingsborough Community College	N.Y.	1	2	13,809	14,553	14,758	—	5,598	9,160	7,247	5,511
145	Nassau Community College	N.Y.	1	2	21,537	21,737	20,389	20,620	9,495	10,894	10,732	9,657
146	New York University	N.Y.	2	1	32,813	35,835	36,305	36,679	15,564	20,741	24,047	12,258
147	Queens College	N.Y.	1	1	18,072	17,522	16,633	—	6,151	10,482	8,542	8,091
148	Regents College, U. of the State of New York	N.Y.	2	1	13,303	19,433	18,421	17,348	6,849	11,572	—	18,421

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996—Continued

Enrollment, by level, fall 1996		Earned degrees conferred, 1995-96					Financial statistics, 1995-96, in thousands			Full-time-equivalent enrollment, fall 1995	Full-time-equivalent enrollment, fall 1996	Line no.
Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	Doctor's	First professional	Current-fund revenues	Current-fund expenditures	Educational and general expenditures			
14	15	16	17	18	19	20	21	22	23	24	25	26
26,993	9,273	220	5,496	1,782	140	86	446,045	443,812	385,384	25,136	25,554	73
23,901	—	2,573	—	—	—	—	70,198	66,611	59,602	13,165	13,620	74
15,689	—	822	—	—	—	—	61,051	60,756	56,597	9,187	9,252	75
16,320	7,090	1	2,741	1,738	128	146	219,058	216,033	213,069	17,112	16,973	76
22,946	6,458	1	4,733	1,195	343	336	696,537	684,745	628,933	27,567	26,909	77
12,524	5,719	—	2,782	1,053	186	122	392,402	442,547	395,190	16,300	14,917	78
13,091	1,988	118	1,264	240	—	—	149,908	120,154	94,168	10,320	10,928	79
15,644	—	515	—	—	—	—	45,246	46,565	46,565	7,381	7,766	80
29,698	—	1,660	—	—	—	—	93,699	86,704	78,300	15,642	15,559	81
10,438	6,856	—	1,607	1,391	16	345	191,304	185,345	166,811	12,623	12,768	82
16,773	2,949	—	3,609	600	62	—	211,358	210,201	171,173	17,477	17,561	83
15,387	6,222	—	3,301	1,350	104	107	254,743	256,138	204,315	18,358	17,798	84
9,654	7,969	—	1,955	2,297	359	474	804,277	765,321	720,326	15,463	15,388	85
17,725	4,138	459	4,627	794	156	173	331,100	332,019	297,438	19,966	19,459	86
17,576	—	805	—	—	—	—	50,414	47,506	43,332	7,748	8,428	87
16,210	8,721	—	2,756	1,414	237	490	934,769	917,400	617,042	21,110	21,256	88
28,540	10,301	—	6,050	2,449	698	271	913,480	893,739	781,997	35,455	35,599	89
15,041	—	1,094	—	—	—	—	70,791	72,730	67,773	8,046	8,112	90
17,029	2,402	230	3,125	765	56	—	250,140	240,558	201,896	17,691	17,309	91
26,788	7,912	66	5,007	1,771	374	276	700,262	700,002	507,609	31,520	31,257	92
19,950	7,061	524	2,130	681	32	587	525,680	518,903	437,541	18,352	18,859	93
30,213	6,680	677	5,122	1,254	508	92	709,611	679,842	582,951	32,887	33,465	94
20,100	4,799	—	3,817	773	287	99	576,501	555,352	447,577	22,350	22,536	95
19,188	9,259	—	3,237	1,317	377	484	1,139,777	1,107,284	576,018	23,946	24,203	96
15,073	—	793	—	—	—	—	74,731	69,053	63,502	8,264	8,068	97
16,168	3,390	35	2,895	666	181	89	278,120	273,626	254,595	17,466	17,076	98
18,141	6,733	—	3,325	1,259	243	184	350,149	338,737	286,970	21,527	21,286	99
13,151	1,986	254	1,714	398	—	—	129,029	128,070	112,544	13,131	12,667	100
17,036	6,395	—	3,003	1,028	236	353	816,300	775,553	522,747	20,567	20,386	101
14,773	5,601	101	1,818	948	69	304	404,343	355,666	314,197	15,726	15,997	102
12,475	2,138	286	1,709	530	—	—	118,730	116,165	103,744	12,125	11,976	103
21,413	6,092	—	3,005	1,030	238	259	463,839	454,169	378,017	23,035	24,174	104
11,689	3,976	—	1,343	509	49	—	109,485	107,229	97,457	11,600	11,784	105
15,148	1,592	71	1,603	283	32	—	115,303	112,511	95,565	14,364	14,267	106
4,431	11,285	1	1,005	2,674	321	114	⁴ 1,514,386	⁴ 1,494,071	⁴ 1,035,936	10,602	10,695	107
13,063	2,042	—	2,474	426	—	—	131,702	128,516	96,881	11,738	12,326	108
24,529	8,477	—	4,691	1,550	466	—	666,723	634,044	547,997	28,116	28,291	109
10,163	4,700	—	2,272	1,020	114	270	353,294	339,105	264,949	12,757	12,815	110
18,319	10,387	6	3,445	3,057	309	594	884,453	848,376	757,880	25,458	25,279	111
10,220	14,189	13	1,803	2,717	528	790	1,518,032	1,520,306	1,334,231	20,764	20,590	112
19,780	4,799	321	2,263	1,340	77	197	⁴ 309,584	⁴ 305,241	⁴ 288,655	18,037	18,215	113
19,467	5,955	94	3,649	949	338	—	506,578	477,358	372,589	21,741	21,961	114
16,224	8,025	—	2,824	1,978	6	—	231,383	216,447	181,892	18,144	18,825	115
17,732	4,809	—	2,955	1,165	4	—	186,410	177,785	151,277	16,824	16,585	116
11,734	2,928	—	1,847	409	—	—	110,309	106,957	93,071	10,889	11,560	117
16,136	—	1,293	—	—	—	—	74,916	67,121	66,322	8,348	8,172	118
24,400	—	2,386	—	—	—	—	85,566	77,105	70,550	12,114	11,857	119
32,318	9,227	—	6,276	1,700	484	300	937,680	879,889	727,490	35,613	36,462	120
24,732	—	1,814	—	—	—	—	116,302	91,025	85,250	12,100	11,629	121
23,590	12,935	—	5,413	2,955	691	713	2,333,715	2,102,593	1,193,178	34,548	34,377	122
18,200	12,985	—	2,700	2,499	230	416	482,502	463,015	445,759	21,413	20,959	123
19,803	5,896	—	3,844	1,380	55	—	270,288	256,042	198,562	20,447	20,792	124
37,665	13,723	8	4,890	2,528	763	685	1,699,323	1,654,829	1,156,238	34,376	34,595	125
11,983	2,848	—	2,092	561	109	46	285,593	280,009	251,181	12,615	13,033	126
14,309	2,055	2	2,189	392	—	—	132,091	128,413	109,601	13,710	13,579	127
17,165	5,354	—	3,234	1,003	248	311	780,809	748,378	449,605	19,866	20,197	128
13,230	2,864	—	1,587	596	25	41	108,943	103,682	94,370	9,648	9,722	129
14,903	—	353	—	—	—	—	27,795	26,487	21,419	4,912	6,796	130
18,954	4,933	14	2,834	781	261	147	427,170	412,160	324,188	21,097	20,866	131
24,678	—	576	—	—	—	—	41,103	43,633	43,065	8,551	10,523	132
14,931	3,778	—	2,051	574	20	—	162,846	167,431	147,708	12,844	13,211	133
12,535	2,894	217	2,406	544	51	—	266,111	255,616	204,808	13,207	13,022	134
25,939	7,923	—	5,040	1,422	416	24	—	—	—	28,172	28,498	135
15,549	—	624	—	—	—	—	58,341	53,580	49,708	7,908	7,991	136
11,874	2,876	111	1,947	655	82	—	253,537	240,769	207,773	12,413	12,125	137
15,726	8,036	48	2,509	1,242	210	192	749,236	740,357	431,095	18,441	17,782	138
7,008	12,595	—	1,385	3,484	404	567	1,216,311	1,158,585	1,111,711	16,911	17,275	139
12,833	2,369	—	1,873	703	—	—	113,407	109,758	109,196	11,734	11,289	140
16,772	—	1,686	—	—	—	—	84,489	81,043	80,620	11,947	12,480	141
10,940	4,639	—	1,450	774	—	—	115,627	112,254	111,049	11,295	10,874	142
14,602	4,170	—	1,538	1,120	—	—	132,659	120,269	119,249	12,495	13,184	143
14,758	—	1,439	—	—	—	—	72,503	70,170	69,416	9,682	9,769	144
20,389	—	2,946	—	—	—	—	122,113	119,346	119,346	14,677	13,974	145
17,060	19,245	420	3,233	4,936	356	792	1,630,825	1,593,755	1,050,225	27,933	28,770	146
13,002	3,631	—	2,025	892	—	—	123,392	117,412	113,361	12,394	11,668	147
18,421	—	2,459	2,737	—	—	—	15,495	14,650	14,650	7,634	7,237	148

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996—Continued

Line no.	Institution	State	Control ¹	Type ²	Total enrollment, fall 1990	Total enrollment, fall 1995	Total enrollment, fall 1996	Total enrollment, fall 1997	Enrollment, by sex, fall 1996		Enrollment, by attendance status, fall 1996	
									Men	Women	Full-time	Part-time
1	2	3	4	5	6	7	8	9	10	11	12	13
149	Saint Johns University, New York	N.Y.	2	1	19,105	17,393	18,735	18,523	8,473	10,262	12,204	6,531
150	SUNY at Albany	N.Y.	1	1	17,400	15,996	15,973	16,050	7,714	8,259	11,663	4,310
151	SUNY at Buffalo	N.Y.	1	1	27,638	24,493	23,577	23,429	12,571	11,006	17,866	5,711
152	SUNY at Stony Brook	N.Y.	1	1	17,624	17,665	17,316	17,831	8,152	9,164	13,321	3,995
153	Syracuse University	N.Y.	2	1	21,900	18,804	18,574	18,387	8,600	9,974	13,688	4,886
154	Central Piedmont Community College	N.C.	1	2	16,311	15,176	15,239	14,175	6,638	8,601	4,827	10,412
155	East Carolina University	N.C.	1	1	17,564	17,923	17,583	18,271	7,226	10,357	14,179	3,404
156	North Carolina State University at Raleigh	N.C.	1	1	27,199	28,250	27,994	28,281	16,515	11,479	18,937	9,057
157	University of North Carolina at Chapel Hill	N.C.	1	1	23,878	24,439	24,123	24,368	10,009	14,114	19,652	4,471
158	University of North Carolina at Charlotte	N.C.	1	1	14,699	16,069	15,831	16,511	7,394	8,437	10,450	5,381
159	Bowling Green State University, Main Campus	Ohio	1	1	18,657	17,554	16,919	17,328	7,257	9,662	14,720	2,199
160	Cleveland State University	Ohio	1	1	19,214	15,566	15,447	15,655	7,071	8,376	8,808	6,639
161	Columbus State Community College	Ohio	1	2	13,290	16,013	16,330	16,340	6,686	9,644	5,687	10,643
162	Cuyahoga Community College District	Ohio	1	2	23,157	22,785	21,051	20,164	7,529	13,522	7,064	13,987
163	Kent State University, Main Campus	Ohio	1	1	24,434	20,972	20,635	20,743	8,408	12,227	14,888	5,747
164	Miami University, Oxford	Ohio	1	1	15,835	15,745	16,099	16,328	7,176	8,923	14,636	1,463
165	Ohio State University, Main Campus	Ohio	1	1	54,087	48,676	48,352	48,278	24,803	23,549	39,054	9,298
166	Ohio University, Main Campus	Ohio	1	1	18,505	19,727	19,441	19,564	9,128	10,313	17,601	1,840
167	Sinclair Community College	Ohio	1	2	16,367	17,344	17,221	17,239	6,578	10,643	5,941	11,280
168	University of Akron, Main Campus	Ohio	1	1	28,801	23,640	22,732	22,153	10,537	12,195	13,005	9,727
169	University of Cincinnati, Main Campus	Ohio	1	1	31,013	28,373	28,995	28,161	14,975	14,020	20,175	8,820
170	University of Toledo	Ohio	1	1	24,691	21,991	21,692	20,307	10,250	11,442	15,246	6,446
171	Wright State University, Main Campus	Ohio	1	1	16,393	15,710	14,863	14,994	6,693	8,170	9,899	4,964
172	Oklahoma State University, Main Campus	Okla.	1	1	19,827	19,196	19,186	19,332	10,393	8,793	14,763	4,423
173	Tulsa Junior College	Okla.	1	2	17,955	18,632	17,569	17,331	7,083	10,486	4,636	12,933
174	University of Oklahoma, Norman Campus	Okla.	1	1	20,774	22,299	22,359	—	11,906	10,453	15,692	6,667
175	Portland Community College	Oreg.	1	2	21,888	26,540	23,617	23,782	10,623	12,994	5,618	17,999
176	Portland State University	Oreg.	1	1	16,921	15,600	16,660	16,997	7,362	9,298	8,266	8,394
177	University of Oregon	Oreg.	1	1	18,840	17,470	17,788	17,530	8,540	9,248	15,378	2,410
178	Community College of Allegheny County	Pa.	1	2	20,553	17,723	16,816	17,154	6,939	9,877	7,003	9,813
179	Community College of Philadelphia	Pa.	1	2	15,151	17,865	17,233	16,539	5,829	11,404	5,190	12,043
180	International Correspondence Schools	Pa.	3	3	20,727	32,560	40,077	—	29,367	10,710	—	40,077
181	Pennsylvania State University, Main Campus	Pa.	1	1	38,864	39,646	39,855	40,538	22,135	17,720	35,432	4,423
182	Temple University	Pa.	1	1	29,714	29,028	27,979	27,652	12,552	15,427	18,030	9,949
183	University of Pennsylvania	Pa.	2	1	21,868	22,148	21,869	21,643	11,000	10,869	18,064	3,805
184	University of Pittsburgh, Main Campus	Pa.	1	1	28,120	26,083	25,479	25,461	12,307	13,172	18,752	6,727
185	Community College of Rhode Island	R.I.	1	2	16,620	15,889	15,236	15,220	5,725	9,511	4,866	10,370
186	Clemson University	S.C.	1	1	15,714	16,318	16,526	16,396	8,859	7,667	13,832	2,694
187	University of South Carolina at Columbia	S.C.	1	1	25,613	26,346	25,489	25,447	10,869	14,620	17,309	8,180
188	Middle Tennessee State University	Tenn.	1	1	14,865	17,424	18,366	18,366	8,037	9,887	13,221	4,703
189	University of Memphis	Tenn.	1	1	20,681	19,975	19,271	19,851	8,316	10,955	12,614	6,657
190	University of Tennessee, Knoxville	Tenn.	1	1	26,055	25,723	25,517	25,401	12,564	12,953	20,006	5,511
191	Austin Community College	Tex.	1	2	24,251	25,620	25,209	25,850	11,656	13,553	6,497	18,712
192	El Paso Community College	Tex.	1	2	17,081	21,856	21,340	—	8,493	12,847	6,839	14,501
193	Houston Community College System	Tex.	1	2	36,437	39,541	38,493	38,463	16,861	21,632	10,662	28,431
194	North Harris-Montgomery Community College	Tex.	1	2	15,653	19,251	19,959	21,044	7,913	12,046	7,010	12,949
195	San Antonio College	Tex.	1	2	20,083	19,319	19,358	19,594	8,095	11,263	7,188	12,170
196	Southwest Texas State University	Tex.	1	1	21,940	20,917	20,776	20,652	9,324	11,452	14,749	6,027
197	Tarrant County Junior College	Tex.	1	2	28,161	25,953	25,273	25,856	10,873	14,400	7,653	17,620
198	Texas A&M University	Tex.	1	1	41,171	41,790	41,892	41,461	23,157	18,735	37,563	4,329
199	Texas Tech University	Tex.	1	1	25,363	24,185	24,716	25,022	13,389	11,327	20,852	3,864
200	The University of Texas at Arlington	Tex.	1	1	24,782	22,121	20,544	19,286	10,250	10,294	11,403	9,141
201	The University of Texas at Austin	Tex.	1	1	49,617	47,905	48,008	48,857	24,826	23,182	42,029	5,979
202	The University of Texas at El Paso	Tex.	1	1	16,524	16,275	15,389	15,176	7,089	8,300	9,329	6,060
203	The University of Texas at San Antonio	Tex.	1	1	15,489	17,389	17,547	17,494	8,143	9,404	10,095	7,452
204	University of Houston, University Park	Tex.	1	1	33,115	30,766	30,774	31,602	14,694	16,080	19,072	11,702
205	University of North Texas	Tex.	1	1	27,160	25,114	24,964	25,013	11,702	13,262	16,365	8,599
206	Brigham Young University	Utah	2	1	31,662	31,300	31,419	32,161	15,303	16,116	28,420	2,999
207	Salt Lake Community College	Utah	1	2	13,344	19,568	21,348	23,590	11,132	10,216	7,368	13,980
208	University of Utah	Utah	1	1	24,922	27,137	26,358	25,889	13,894	12,664	17,609	8,749
209	Utah State University	Utah	1	1	15,155	19,861	20,808	21,234	9,678	11,130	12,363	8,445
210	Utah Valley State College	Utah	1	1	7,879	14,041	14,756	15,994	7,830	6,926	6,807	7,949
211	George Mason University	Va.	1	1	20,308	24,172	24,368	23,826	10,587	13,781	11,959	12,409
212	Northern Virginia Community College	Va.	1	2	35,194	37,144	35,337	35,221	16,081	19,256	8,759	26,578
213	Old Dominion University	Va.	1	1	16,729	17,077	17,800	18,557	7,914	9,886	9,809	7,991
214	Tidewater Community College	Va.	1	2	17,726	16,780	16,199	17,907	6,844	9,355	4,530	11,669
215	University of Virginia, Main Campus	Va.	1	1	21,110	21,728	21,488	21,942	10,076	11,412	17,730	3,758
216	Virginia Commonwealth University	Va.	1	1	21,764	21,349	21,681	22,702	8,668	13,013	13,959	7,722
217	Virginia Polytechnic Institute and State U.	Va.	1	1	25,568	25,492	26,645	27,208	15,713	10,932	23,624	3,021
218	University of Washington	Wash.	1	1	33,854	33,996	34,368	35,367	17,057	17,311	28,438	5,930
219	Washington State University	Wash.	1	1	18,412	19,571	20,122	20,243	10,156	9,966	16,892	3,230
220	West Virginia University	W.Va.	1	1	20,854	21,517	21,743	22,238	10,729	11,014	17,074	4,669
221	Milwaukee Area Technical College	Wisc.	1	2	21,600	21,903	21,903	19,757	9,205	12,698	5,268	16,635
222	University of Wisconsin, Madison	Wisc.	1	1	43,209	39,005	39,289	—	19,253	20,036	33,717	5,572
223	University of Wisconsin, Milwaukee	Wisc.	1	1	26,020	21,891	21,525	—	9,665	11,860	13,224	8,301
224	Community College of the Air Force ⁴	Ala.	1	2	29,567	69,611	63,123	—	53,078	10,045	1,267	61,856

Table 216.—Selected statistics for college and university campuses enrolling more than 14,600 students in 1996—Continued

Enrollment, by level, fall 1996		Earned degrees conferred, 1995–96					Financial statistics, 1995–96, in thousands			Full-time-equivalent enrollment, fall 1995	Full-time-equivalent enrollment, fall 1996	Line no.
Undergraduate	Postbaccalaureate	Associate	Bachelor's	Master's	Doctor's	First professional	Current-fund revenues	Current-fund expenditures	Educational and general expenditures			
14	15	16	17	18	19	20	21	22	23	24	25	26
14,091	4,644	346	2,334	988	40	353	200,980	186,620	181,045	14,452	14,785	149
10,716	5,257	—	2,477	1,290	172	—	238,974	234,637	207,962	13,340	13,268	150
15,571	8,006	32	3,245	1,448	346	488	487,859	497,606	462,460	20,665	20,033	151
11,267	6,049	—	2,377	1,081	261	139	791,413	760,322	389,901	14,934	14,821	152
12,026	6,548	17	2,491	1,498	170	272	427,871	420,798	349,667	15,580	15,573	153
15,239	—	918	—	—	—	—	⁴ 54,605	⁴ 54,782	⁴ 48,552	8,177	8,323	154
14,409	3,174	—	2,683	756	19	67	299,260	285,909	183,020	15,677	15,484	155
21,532	6,462	182	3,592	1,023	325	65	587,046	577,594	499,129	22,380	22,407	156
15,345	8,778	—	3,620	1,352	365	484	981,426	962,316	740,062	21,532	21,313	157
13,148	2,683	—	2,260	613	—	—	146,501	150,029	108,352	12,704	12,537	158
14,435	2,484	—	2,637	730	90	—	216,232	213,773	164,569	15,979	15,565	159
10,655	4,792	—	1,588	1,145	41	257	147,219	141,275	130,168	11,506	11,428	160
16,330	—	1,360	—	—	—	—	61,111	62,150	57,542	9,094	9,260	161
21,051	—	1,583	—	—	—	—	126,713	120,957	114,180	12,707	11,660	162
15,982	4,653	—	2,850	970	157	—	231,758	227,866	178,351	17,491	17,088	163
14,525	1,574	192	3,303	522	44	—	231,671	221,909	162,690	14,830	15,202	164
35,486	12,866	274	6,632	2,265	717	705	1,464,000	1,419,586	936,216	42,850	42,639	165
16,334	3,107	114	3,638	1,030	132	96	282,794	276,377	227,653	18,579	18,315	166
17,221	—	1,286	—	—	—	—	78,964	70,791	64,266	9,795	9,728	167
18,525	4,207	677	2,279	826	131	172	216,988	220,855	194,600	17,400	16,857	168
21,272	7,723	493	2,938	1,198	227	291	573,893	536,761	480,233	23,092	23,612	169
18,187	3,505	481	2,288	676	80	194	222,570	216,540	175,585	18,018	17,788	170
11,069	3,794	—	1,863	832	32	87	182,207	171,085	157,893	12,270	11,808	171
14,588	4,598	—	2,303	568	169	64	⁴ 306,576	⁴ 286,815	⁴ 229,710	16,399	16,430	172
17,569	—	1,513	—	—	—	—	55,880	51,323	45,955	9,573	8,978	173
15,664	6,695	—	2,235	1,019	156	206	294,070	291,221	228,427	18,124	18,204	174
23,617	—	1,102	—	—	—	—	101,842	89,683	82,071	11,298	11,661	175
11,247	5,413	—	1,880	902	35	—	123,940	130,861	116,629	10,858	11,499	176
14,015	3,773	—	2,857	744	146	131	269,386	269,399	217,249	16,029	16,309	177
16,816	—	1,907	—	—	—	—	92,761	88,413	84,001	10,815	10,298	178
17,233	—	1,113	—	—	—	—	72,434	73,746	73,171	9,538	9,233	179
40,077	—	—	—	—	—	—	⁴ 73,468	⁴ 38,827	⁴ 38,827	12,928	15,913	180
33,235	6,620	70	7,661	1,189	510	—	914,538	874,980	757,766	36,786	37,122	181
18,102	9,877	13	3,093	1,608	281	640	985,669	965,842	420,838	22,789	21,892	182
11,508	10,361	20	2,499	2,308	447	594	2,034,420	2,165,743	1,045,436	19,699	19,543	183
16,049	9,430	—	3,046	2,009	358	424	818,010	688,096	638,792	21,606	21,321	184
15,236	—	1,548	—	—	—	—	57,901	57,713	53,863	8,490	8,348	185
12,707	3,819	—	2,501	979	117	—	327,874	319,228	265,293	14,640	14,843	186
15,747	9,742	23	2,961	2,073	267	348	385,759	375,353	332,438	20,690	20,417	187
15,890	2,034	3	2,040	451	14	—	121,312	118,878	105,168	14,681	15,058	188
14,298	4,973	—	2,032	832	113	133	187,785	184,429	163,902	15,737	15,191	189
18,825	6,692	—	3,336	1,545	281	193	507,753	487,064	419,140	21,988	22,115	190
25,209	—	787	—	—	—	—	77,414	81,819	80,982	12,992	12,779	191
21,340	—	696	—	—	—	—	78,010	75,163	74,826	12,000	11,708	192
38,493	—	946	—	—	—	—	140,892	127,981	127,479	20,288	19,607	193
19,959	—	664	—	—	—	—	66,148	67,364	65,420	10,847	11,357	194
19,358	—	638	—	—	—	—	57,823	57,723	57,506	11,087	11,274	195
17,677	3,099	—	3,105	648	—	—	161,298	145,960	110,127	17,188	17,089	196
25,273	—	1,501	—	—	—	—	79,944	80,007	73,592	13,747	13,569	197
34,342	7,550	—	7,131	1,263	574	167	875,755	860,500	769,135	38,981	39,323	198
20,419	4,297	—	3,083	674	147	192	288,410	248,413	204,274	21,840	22,349	199
16,579	3,965	—	2,843	1,097	85	—	180,960	175,456	151,361	16,141	14,999	200
35,789	12,219	—	7,136	2,676	744	536	930,411	894,655	801,035	43,953	44,390	201
13,159	2,230	—	1,752	401	2	—	133,185	129,708	107,589	12,291	11,710	202
14,887	2,660	—	2,276	556	1	—	107,086	100,579	94,438	12,959	13,018	203
22,904	7,870	—	3,613	1,343	209	387	304,291	313,349	276,597	23,702	23,713	204
18,672	6,292	—	3,437	1,168	183	—	211,526	192,349	163,435	19,716	19,667	205
28,595	2,824	5	6,548	1,032	84	155	567,990	493,513	319,172	29,521	29,587	206
21,348	—	1,640	—	—	—	—	80,518	78,028	68,936	11,355	12,062	207
21,408	4,950	—	3,567	896	241	225	882,718	848,086	545,331	21,631	21,100	208
16,703	4,105	73	2,315	684	77	—	263,442	258,980	232,534	15,125	15,638	209
14,756	—	1,355	112	—	—	—	60,077	59,710	52,141	10,624	10,015	210
13,828	10,540	—	2,655	1,766	97	194	213,964	209,998	162,988	16,607	16,692	211
35,337	—	2,358	—	—	—	—	87,492	85,293	84,357	18,534	17,682	212
11,979	5,821	—	1,928	1,256	76	—	148,960	143,116	124,248	12,619	12,857	213
16,199	—	1,149	—	—	—	—	44,705	44,135	43,401	8,709	8,448	214
13,129	8,359	—	3,055	1,302	325	516	969,526	945,079	482,913	19,224	19,127	215
14,612	7,069	14	2,341	1,315	97	253	761,540	736,886	317,042	16,931	16,931	216
20,528	6,117	33	4,031	1,375	378	76	517,902	497,984	414,436	23,588	24,741	217
25,228	9,140	—	6,133	2,007	495	354	1,482,651	1,431,193	991,548	30,370	30,786	218
16,686	3,436	—	3,455	694	151	99	419,519	416,654	362,341	17,972	18,150	219
14,897	6,846	—	2,943	1,315	117	242	388,898	387,764	344,212	18,886	18,811	220
21,903	—	1,356	—	—	—	—	124,867	123,598	113,984	10,853	10,853	221
28,344	10,945	—	5,474	2,040	753	515	1,479,433	1,410,476	1,047,176	35,683	35,913	222
17,032	4,493	—	2,591	1,148	92	—	229,740	234,793	215,690	16,506	16,452	223
63,123	—	11,624	—	—	—	—	—	—	—	24,297	22,034	224

¹ Publicly controlled institutions are identified by a "1;" private, nonprofit, by a "2;" and private, proprietary, by a "3."

² The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

³ Only includes institutions with reported or estimated values.

⁴ Estimated.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions," "Finance," and "Fall Enrollment" surveys. (This table was prepared December 1998.)

Table 217.—Enrollment of the 120 largest college and university campuses: Fall 1996

Institution	State	Rank	Control ¹	Type ²	Total enrollment, fall 1996 ³	Institution	State	Rank	Control ¹	Type ²	Total enrollment, fall 1996 ³
1	2	3	4	5	6	1	2	3	4	5	6
Community College of the Air Force ⁴	Ala.	1	1	2	63,123	Austin Community College	Tex.	61	1	2	25,209
University of Minnesota, Twin Cities	Minn.	2	1	1	51,388	University of North Texas	Tex.	62	1	1	24,964
Miami-Dade Community College	Fla.	3	1	2	48,795	University of Illinois at Chicago	Ill.	63	1	1	24,931
Ohio State University, Main Campus	Ohio	4	1	1	48,352	Iowa State University	Iowa	64	1	1	24,899
The University of Texas at Austin	Tex.	5	1	1	48,008	University of Kansas Main Campus	Kans.	65	1	1	24,874
Arizona State University, Main Campus	Ariz.	6	1	1	42,463	Oakland Community College	Mich.	66	1	2	24,732
Texas A&M University	Tex.	7	1	1	41,892	Texas Tech University	Tex.	67	1	1	24,716
Michigan State University	Mich.	8	1	1	41,545	Community College of Southern Nevada	Nev.	68	1	2	24,678
International Correspondence Schools	Pa.	9	3	3	40,077	Rancho Santiago College	Calif.	69	1	2	24,611
University of Florida	Fla.	10	1	1	39,863	Northeastern University	Mass.	70	2	1	24,579
Pennsylvania State University, Main Campus	Pa.	11	1	1	39,855	Harvard University	Mass.	71	2	1	24,409
University of Wisconsin, Madison	Wisc.	12	1	1	39,289	Macomb Community College	Mich.	72	1	2	24,400
University of Illinois at Urbana	Ill.	13	1	1	38,841	George Mason University	Va.	73	1	1	24,368
Houston Community College System	Tex.	14	1	2	38,493	Central Michigan University	Mich.	74	1	1	24,249
Purdue University, Main Campus	Ind.	15	1	1	36,893	University of North Carolina at Chapel Hill	N.C.	75	1	1	24,123
University of Michigan, Ann Arbor	Mich.	16	1	1	36,525	California State University, Fullerton	Calif.	76	1	1	24,040
New York University	N.Y.	17	2	1	36,305	University of California, Davis	Calif.	77	1	1	23,931
University of South Florida	Fla.	18	1	1	36,266	Valencia Community College	Fla.	78	1	2	23,901
University of California, Los Angeles	Calif.	19	1	1	35,594	University of Nebraska at Lincoln	Nebr.	79	1	1	23,887
Northern Virginia Community College	Va.	20	1	2	35,337	University of New Mexico, Main Campus	N.Mex.	80	1	1	23,762
University of Arizona	Ariz.	21	1	1	34,777	De Anza College	Calif.	81	1	2	23,697
Indiana University, Bloomington	Ind.	22	1	1	34,700	Portland Community College	Oreg.	82	1	2	23,617
University of Washington	Wash.	23	1	1	34,368	SUNY at Buffalo	N.Y.	83	1	1	23,577
Rutgers University, New Brunswick	N.J.	24	1	1	33,862	University of Kentucky	Ky.	84	1	1	23,431
University of Maryland, College Park Campus	Md.	25	1	1	33,006	California State University, Sacramento	Calif.	85	1	1	23,420
Brigham Young University	Utah	26	2	1	31,419	Georgia State University	Ga.	86	1	1	23,410
Wayne State University	Mich.	27	1	1	31,185	Mt. San Antonio College	Calif.	87	1	2	22,960
University of Houston, University Park	Tex.	28	1	1	30,774	University of Akron Main Campus	Ohio	88	1	1	22,732
Florida State University	Fla.	29	1	1	30,154	Santa Rosa Junior College	Calif.	89	1	2	22,663
San Diego State University	Calif.	30	1	1	29,981	El Camino College	Calif.	90	1	2	22,657
University of California, Berkeley	Calif.	31	1	1	29,797	Eastern Michigan University	Mich.	91	1	1	22,541
Florida International University	Fla.	32	1	1	29,720	University of Missouri, Columbia	Mo.	92	1	1	22,519
College of Du Page	Ill.	33	1	2	29,698	University of Oklahoma, Norman Campus	Okla.	93	1	1	22,359
University of Georgia	Ga.	34	1	1	29,404	Santa Monica College	Calif.	94	1	2	22,068
University of Cincinnati, Main Campus	Ohio	35	1	1	28,995	Milwaukee Area Technical College	Wisc.	95	1	2	21,903
Boston University	Mass.	36	2	1	28,706	University of Pennsylvania	Pa.	96	2	1	21,869
University of Iowa	Iowa	37	1	1	28,447	Southern Illinois University, Carbondale	Ill.	97	1	1	21,863
University of Southern California	Calif.	38	2	1	28,081	University of Connecticut	Conn.	98	1	1	21,805
North Carolina State University at Raleigh	N.C.	39	1	1	27,994	Auburn University, Main Campus	Ala.	99	1	1	21,778
Temple University	Pa.	40	1	1	27,979	Mesa Community College	Ariz.	100	1	2	21,761
University of Central Florida	Fla.	41	1	1	27,684	West Virginia University	W.Va.	101	1	1	21,743
University of Colorado at Boulder	Colo.	42	1	1	27,546	University of Toledo	Ohio	102	1	1	21,692
Louisiana St. U. & A&M & Hebert Laws Center	La.	43	1	1	27,505	Virginia Commonwealth University	Va.	103	1	1	21,681
California State University, Long Beach	Calif.	44	1	1	27,431	Pasadena City College	Calif.	104	1	2	21,680
San Francisco State University	Calif.	45	1	1	27,420	Northern Illinois University	Ill.	105	1	1	21,609
California State University, Northridge	Calif.	46	1	1	27,189	University of Wisconsin, Milwaukee	Wisc.	106	1	1	21,525
Pima Community College	Ariz.	47	1	2	27,177	University of Virginia, Main Campus	Va.	107	1	1	21,488
Indiana U.-Purdue U. at Indianapolis	Ind.	48	1	1	27,011	Orange Coast College	Calif.	108	1	2	21,405
City College of San Francisco	Calif.	49	1	2	26,933	University of Delaware	Del.	109	1	1	21,380
Virginia Polytechnic Institute and State U.	Va.	50	1	1	26,645	Salt Lake Community College	Utah	110	1	2	21,348
Broward Community College	Fla.	51	1	2	26,435	El Paso Community College	Tex.	111	1	2	21,340
University of Utah	Utah	52	1	1	26,358	Cuyahoga Community College District	Ohio	112	1	2	21,051
San Jose State University	Calif.	53	1	1	25,874	Florida Community College at Jacksonville	Fla.	113	1	2	20,944
Colorado State University	Colo.	54	1	1	25,865	Utah State University	Utah	114	1	1	20,808
Western Michigan University	Mich.	55	1	1	25,699	Southwest Texas State University	Tex.	115	1	1	20,776
University of Tennessee, Knoxville	Tenn.	56	1	1	25,517	Kent State University, Main Campus	Ohio	116	1	1	20,635
University of South Carolina at Columbia	S.C.	57	1	1	25,489	The University of Texas at Arlington	Tex.	117	1	1	20,544
University of Pittsburgh, Main Campus	Pa.	58	1	1	25,479	Palomar College	Calif.	118	1	2	20,509
University of Massachusetts, Amherst	Mass.	59	1	1	25,422	Nassau Community College	N.Y.	119	1	2	20,389
Tarrant County Junior College	Tex.	60	1	2	25,273	University of Louisville	Ky.	120	1	1	20,374

¹ Publicly controlled institutions are identified by a "1," private, nonprofit, by a "2," and private, proprietary, by a "3."

² The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

³ College and university campuses ranked by fall 1996 preliminary enrollment data.

⁴ Estimated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1996" survey. (This table was prepared July 1998.)

Table 218.—Selected statistics on historically black colleges and universities:¹ 1980, 1990, and 1996

Item	Total	Public		Private	
		4-year	2-year	4-year	2-year
1	2	3	4	5	6
Number of institutions, fall 1996	104	40	10	51	3
Total enrollment, fall 1980	233,557	155,085	13,132	62,924	2,416
Men	106,387	70,236	6,758	28,352	1,041
Men, black	81,818	53,654	2,781	24,412	971
Women	127,170	84,849	6,374	34,572	1,375
Women, black	109,171	70,582	4,644	32,589	1,356
Total enrollment, fall 1990	257,152	171,969	15,077	68,528	1,578
Men	105,157	70,220	6,321	28,054	562
Men, black	82,897	54,041	3,214	25,198	444
Women	151,995	101,749	8,756	40,474	1,016
Women, black	125,785	80,883	6,066	38,115	721
Total enrollment, fall 1996	273,931	182,063	18,506	72,383	979
Men	110,056	72,929	7,763	28,900	464
Men, black	88,257	57,845	3,657	26,348	407
Women	163,875	109,134	10,743	43,483	515
Women, black	135,241	87,659	6,381	40,696	505
Full-time enrollment, fall 1996	211,940	136,341	9,927	64,959	713
Men	87,042	56,756	4,016	25,959	311
Women	124,898	79,585	5,911	39,000	402
Part-time enrollment, fall 1996	61,991	45,722	8,579	7,424	266
Men	23,014	16,173	3,747	2,941	153
Women	38,977	29,549	4,832	4,483	113
Earned degrees conferred, 1995–96					
Associate	3,053	1,285	1,496	137	135
Men	1,111	481	535	43	52
Men, black	474	199	220	29	26
Women	1,942	804	961	94	83
Women, black	1,052	313	588	76	75
Bachelor's	29,728	20,187	—	9,541	—
Men	10,884	7,584	—	3,300	—
Men, black	9,087	6,007	—	3,080	—
Women	18,844	12,603	—	6,241	—
Women, black	16,305	10,335	—	5,970	—
Master's	5,848	4,777	—	1,071	—
Men	1,881	1,545	—	336	—
Men, black	1,088	850	—	238	—
Women	3,967	3,232	—	735	—
Women, black	2,718	2,111	—	607	—
Doctor's	236	105	—	131	—
Men	127	50	—	77	—
Men, black	83	26	—	57	—
Women	109	55	—	54	—
Women, black	83	38	—	45	—
First-professional	1,178	442	—	736	—
Men	526	212	—	314	—
Men, black	344	105	—	239	—
Women	652	230	—	422	—
Women, black	497	162	—	335	—
Financial statistics, 1995–96, in thousands of dollars					
Current-fund revenues	\$3,855,794	\$2,037,292	\$96,108	\$1,712,458	\$9,936
Tuition and fees	942,423	419,116	18,198	501,837	3,272
Federal government ²	816,612	322,323	16,992	474,154	3,142
State governments ²	942,577	844,659	49,045	48,406	466
Local governments ²	96,157	80,093	6,793	9,064	207
Private gifts, grants, and contracts	240,160	36,703	170	202,049	1,237
Endowment income	37,014	2,616	3	34,385	10
Sales and services	688,975	284,649	3,651	399,285	1,391
Other sources	91,876	47,134	1,255	43,276	211
Current-fund expenditures	3,744,816	2,003,637	95,818	1,634,808	10,554
Educational and general expenditures	3,112,805	1,738,574	92,034	1,271,960	10,238
Auxiliary enterprises	388,753	265,063	3,785	119,590	316
Hospitals	233,460	0	0	233,460	0
Independent operations	9,798	0	0	9,798	0

¹Historically black colleges and universities are accredited institutions of higher education established prior to 1964 with the principal mission of educating black Americans. Federal regulations, 20 U.S. Code, Section 1061 (2), allow for certain exceptions to the founding date. Most institutions are in the southern and border states and were established prior to 1954.

²Includes appropriations, grants, contracts, and independent operations.
—Not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education;" and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment," "Completions," and "Finance" surveys. (This table was prepared November 1998.)

Table 219.—Fall enrollment, degrees conferred, and expenditures in historically black colleges and universities, by institution: 1996

Institution	Type and control ¹	Enrollment, 1996		Degrees conferred, 1995–96					Expenditures, 1995–96 (In thousands)	
		Total	Black	Associate	Bachelor's	Master's	Doctor's	First-professional	Current-fund expenditures	Educational and general expenditures
1	2	3	4	5	6	7	8	9	10	11
Total	—	273,931	223,498	3,053	29,728	5,848	236	1,178	\$3,744,816	\$3,112,805
**Alabama A&M University, AL	1	5,263	4,137	—	589	382	8	—	63,407	56,728
Alabama State University, AL	1	5,552	4,952	1	419	123	—	—	56,228	47,697
Bishop State Community College, AL	2	3,661	1,945	435	—	—	—	—	21,972	20,562
C. A. Fredd State Technical College, AL ²	2	149	87	4	—	—	—	—	—	—
Concordia College, AL	3	473	454	38	17	—	—	—	2,942	2,407
J.F. Drake Technical College, AL	2	678	335	20	—	—	—	—	4,693	4,549
Lawson State Community College, AL	2	1,701	1,650	168	—	—	—	—	11,303	10,620
Miles College, AL	3	1,202	1,199	—	140	—	—	—	9,950	8,808
Oakwood College, AL	3	1,666	1,351	42	212	—	—	—	23,276	18,593
Selma University, AL ³	3	66	62	1	31	—	—	—	5,036	4,661
Stillman College, AL	3	1,014	973	—	138	—	—	—	12,497	10,646
Talladega College, AL	3	633	631	—	131	—	—	—	12,671	11,464
Trenholm State Technical College, AL	2	695	537	55	—	—	—	—	7,293	7,124
**Tuskegee University, AL	3	3,175	2,887	—	526	49	—	44	70,736	62,487
Arkansas Baptist College, AR	3	225	224	3	22	—	—	—	2,061	1,959
Philander Smith College, AR	3	925	874	—	118	—	—	—	6,656	6,200
Shorter College, AR	4	252	205	30	—	—	—	—	1,524	1,498
**University of Arkansas, Pine Bluff, AR	1	3,078	2,794	—	362	11	—	—	37,250	33,067
**Delaware State College, DE	1	3,328	2,271	—	326	125	—	—	45,652	38,872
Howard University, DC	3	10,248	8,780	—	1,333	456	84	322	553,976	297,794
**University of the District of Columbia, DC	1	7,456	5,398	280	586	132	—	—	98,632	97,399
Bethune-Cookman College, FL	3	2,335	2,168	—	230	—	—	—	33,555	29,098
Edward Waters College, FL	3	429	377	—	78	—	—	—	6,276	5,987
**Florida A&M University, FL	1	10,667	9,527	45	1,463	223	3	30	141,996	129,052
Florida Memorial College, FL	3	1,564	1,406	—	235	—	—	—	16,402	15,111
Albany State College, GA	1	3,144	2,809	—	321	72	—	—	31,345	26,639
Clark Atlanta University, GA	3	5,798	5,569	—	525	294	26	—	122,416	116,080
**Fort Valley State College, GA	1	3,024	2,785	8	304	82	—	—	34,196	30,163
Interdenominational Theological Center, GA	3	394	365	—	—	22	6	83	6,462	6,414
Morehouse College, GA	3	2,926	2,897	—	508	—	—	—	51,068	43,304
Morehouse School of Medicine, GA	3	176	149	—	—	—	—	31	56,179	56,179
Morris Brown College, GA	3	1,980	1,883	—	279	—	—	—	25,661	22,414
Paine College, GA ⁴	3	829	794	—	54	—	—	—	9,602	8,341
Savannah State College, GA	1	2,822	2,576	—	357	3	—	—	29,299	24,315
Spelman College, GA	3	1,897	1,802	—	469	—	—	—	42,709	35,654
**Kentucky State University, KY	1	2,356	1,239	67	192	23	—	—	36,561	33,374
Dillard University, LA	3	1,543	1,537	—	236	—	—	—	19,322	17,779
Grambling State University, LA	1	6,701	6,384	58	855	208	8	—	65,548	47,796
**Southern University and A&M College, Baton Rouge, LA	1	10,259	9,635	30	955	199	—	89	95,447	83,120
Southern University, New Orleans, LA	1	4,280	3,923	16	472	140	—	—	21,808	20,629
Southern University, Shreveport-Bossier City Campus, LA	2	1,270	1,153	103	—	—	—	—	7,392	7,303
Xavier University of Louisiana, LA	3	3,526	3,093	—	444	89	—	89	53,337	49,293
Bowie State University, MD	1	5,067	3,838	—	510	500	—	—	37,734	32,283
Coppin State College, MD	1	3,643	3,418	—	247	111	—	—	26,297	23,701
Morgan State University, MD	1	5,888	5,524	—	705	90	3	—	77,314	65,668
**University of Maryland, Eastern Shore, MD	1	3,166	2,237	—	346	54	3	—	39,790	32,672
Lewis College of Business, MI	4	223	221	26	—	—	—	—	2,020	2,016
**Alcorn State University, MS	1	3,073	2,930	29	419	66	—	—	40,535	36,265
Coahoma Community College, MS	2	905	869	94	—	—	—	—	8,518	7,923
Hinds Community College, Utica Campus, MS ⁵	2	1,351	1,102	58	—	—	—	—	—	—
Jackson State University, MS	1	6,218	5,874	—	644	166	11	—	78,054	66,642
Mary Holmes College, MS ⁴	4	383	368	48	—	—	—	—	7,010	6,724
Mississippi Valley State University, MS	1	2,228	2,191	—	169	1	—	—	25,537	21,444
Rust College, MS	3	937	871	7	148	—	—	—	11,833	10,306
Tougaloo College, MS	3	981	979	2	163	—	—	—	14,109	13,425
Harris-Stowe State College, MO	1	1,723	1,277	—	136	—	—	—	12,157	12,157
**Lincoln University, MO	1	2,980	684	101	280	85	—	—	29,020	27,039

Table 219.—Fall enrollment, degrees conferred, and expenditures in historically black colleges and universities, by institution: 1996—Continued

Institution	Type and control ¹	Enrollment, 1996		Degrees conferred, 1995–96					Expenditures, 1995–96 (In thousands)	
		Total	Black	Associate	Bachelor's	Master's	Doctor's	First-professional	Current-fund expenditures	Educational and general expenditures
1	2	3	4	5	6	7	8	9	10	11
Barber-Scotia College, NC	3	440	432	—	51	—	—	—	4,851	4,385
Bennett College, NC	3	550	541	—	100	—	—	—	12,055	11,035
Elizabeth City State University, NC	1	1,931	1,435	—	352	—	—	—	31,790	26,966
Fayetteville State University, NC	1	4,609	2,929	42	583	133	—	—	40,071	34,630
Johnson C. Smith University, NC	3	1,438	1,435	—	169	—	—	—	24,847	22,012
Livingstone College, NC	3	727	707	—	89	2	—	13	12,134	10,817
**North Carolina Agricultural and Technical State University, NC	1	7,673	6,676	—	1,068	253	—	—	108,827	93,633
North Carolina Central University, NC	1	5,557	4,563	—	669	227	—	94	63,836	52,968
St. Augustine's College, NC	3	1,584	1,425	—	212	—	—	—	27,021	23,463
Shaw University, NC	3	2,262	2,171	13	360	—	—	—	26,277	23,758
Winston-Salem State University, NC	1	2,889	2,201	—	509	—	—	—	34,652	28,451
Central State University, OH	1	1,976	1,837	—	396	6	—	—	37,644	35,405
Wilberforce University, OH	3	897	862	—	44	—	—	—	14,410	11,593
**Langston University, OK	1	3,349	1,919	—	535	13	—	—	25,169	21,522
Cheyney University of Pennsylvania, PA	1	1,360	1,262	—	127	88	—	—	25,528	22,603
Lincoln University, PA	1	1,825	1,688	—	240	70	—	—	27,494	23,825
Allen University, SC	3	242	242	—	17	—	—	—	3,008	2,749
Benedict College, SC	3	2,138	2,133	—	178	—	—	—	21,983	19,315
Clafin College, SC	3	978	963	—	103	—	—	—	12,635	11,141
Clinton Junior College, SC ^{3,4}	4	121	118	31	—	—	—	—	—	—
Denmark Technical College, SC	2	915	853	111	—	—	—	—	6,610	5,992
Morris College, SC	3	911	911	—	110	—	—	—	10,803	9,513
**South Carolina State College, SC	1	4,899	4,568	—	699	107	15	—	54,599	42,937
Voorhees College, SC	3	806	778	—	101	—	—	—	9,369	7,859
Fisk University, TN	3	812	806	—	150	16	—	—	15,784	13,713
Knoxville College, TN ³	3	433	433	4	51	—	—	—	8,295	7,259
Lane College, TN ⁴	3	679	678	—	73	—	—	—	8,693	6,815
Le Moyne-Owen College, TN	3	983	950	—	176	12	—	—	14,614	14,438
Meharry Medical College, TN	3	733	595	—	—	23	7	109	72,541	67,346
**Tennessee State University, TN	1	8,643	5,852	150	794	262	33	—	84,191	77,365
Huston-Tillotson College, TX	3	701	544	—	65	—	—	—	8,716	7,816
Jarvis Christian College, TX	3	557	540	—	74	—	—	—	10,414	9,260
Paul Quinn College, TX	3	653	579	—	84	—	—	—	11,231	10,801
**Prairie View A&M University, TX	1	6,167	5,267	—	640	313	—	—	73,293	60,085
St. Philip's College, TX	2	7,181	1,507	448	—	—	—	—	28,038	27,960
Southwestern Christian College, TX	3	199	174	26	5	—	—	—	3,574	3,230
Texas College, TX ³	3	293	290	1	31	—	—	—	5,755	5,262
Texas Southern University, TX	1	8,116	6,303	—	581	171	19	229	76,078	70,748
Wiley College, TX	3	647	560	—	108	—	—	—	8,384	7,707
Hampton University, VA	3	5,552	4,810	—	841	108	—	—	88,680	79,334
Norfolk State University, VA	1	8,351	6,933	64	1,002	208	2	—	72,619	56,872
St. Paul's College, VA	3	675	639	—	156	—	—	—	10,752	9,625
**Virginia State University, VA	1	4,006	3,588	—	517	97	—	—	49,075	38,279
Virginia Union University, VA	3	1,551	1,521	—	156	—	8	45	19,250	17,309
Bluefield State College, WV	1	2,521	152	216	226	—	—	—	13,322	12,285
West Virginia State College, WV	1	4,545	603	147	426	—	—	—	25,892	21,258
**University of the Virgin Islands, St. Thomas Campus, VI	1	1,730	1,325	31	166	33	—	—	35,750	32,024

¹ 1=public 4-year; 2=public 2-year; 3=private 4-year; and 4=private 2-year.

² School merged with Sheldon State Community College. Enrollment is for C.A. Fredd State Technical College only. School reported data.

³ School lost accreditation.

⁴ School did not report. Data imputed.

⁵ School reported data.

**Land-grant institution.

—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1996," "Completions, 1995–96," and "Finance, 1995–96" surveys. (This table was prepared November 1998.)

Table 220.—Fall enrollment in historically black colleges and universities, by type and control of institution: 1976 to 1996

Year	Total enrollment	Type of institution		Public institutions			Private institutions		
		4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
1976	222,613	206,676	15,937	156,836	143,528	13,308	65,777	63,148	2,629
1977	226,062	209,898	16,164	158,823	145,450	13,373	67,239	64,448	2,791
1978	227,797	211,651	16,146	163,237	150,168	13,069	64,560	61,483	3,077
1979	230,124	214,147	15,977	166,315	153,139	13,176	63,809	61,008	2,801
1980	233,557	218,009	15,548	168,217	155,085	13,132	65,340	62,924	2,416
1981	232,460	217,152	15,308	166,991	154,269	12,722	65,469	62,883	2,586
1982	228,371	212,017	16,354	165,871	151,472	14,399	62,500	60,545	1,955
1983	234,446	217,909	16,537	170,051	155,665	14,386	64,395	62,244	2,151
1984	227,519	212,844	14,675	164,116	151,289	12,827	63,403	61,555	1,848
1985	225,801	210,648	15,153	163,677	150,002	13,675	62,124	60,646	1,478
1986	223,275	207,231	16,044	162,048	147,631	14,417	61,227	59,600	1,627
1987	227,994	211,654	16,340	165,486	150,560	14,926	62,508	61,094	1,414
1988	239,755	223,250	16,505	173,672	158,606	15,066	66,083	64,644	1,439
1989	249,096	232,890	16,206	181,151	166,481	14,670	67,945	66,409	1,536
1990	257,152	240,497	16,655	187,046	171,969	15,077	70,106	68,528	1,578
1991	269,335	252,093	17,242	197,847	182,204	15,643	71,488	69,889	1,599
1992	279,541	261,089	18,452	204,966	188,143	16,823	74,575	72,946	1,629
1993	282,856	262,430	20,426	208,197	189,032	19,165	74,659	73,398	1,261
1994	280,071	259,997	20,074	206,520	187,735	18,785	73,551	72,262	1,289
1995	278,725	259,409	19,316	204,726	186,278	18,448	73,999	73,131	868
1996	273,931	254,446	19,485	200,569	182,063	18,506	73,362	72,383	979

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared May 1998.)

Table 221.—Employees in institutions of higher education, by primary occupation, employment status, and control of institution: Fall 1976, fall 1991, and fall 1995

Primary occupation and control of institution	Fall 1976					Fall 1991				Fall 1995			
	Total staff			Full-time equivalent staff		Total staff		Full-time equivalent staff		Total staff		Full-time equivalent staff	
	Number	Per-cent	Full-time	Total	FTE stu-dents per FTE staff	Number	Per-cent	Total	FTE stu-dents per FTE staff	Number	Per-cent	Total	FTE stu-dents per FTE staff
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total, all institutions	1,863,790	100.0	1,339,911	1,541,339	5.4	2,545,235	100.0	2,094,628	4.9	2,662,075	100.0	2,129,260	4.9
Professional staff	1,073,119	57.6	709,400	845,456	9.8	1,595,460	62.7	1,244,588	8.3	1,744,867	65.5	1,319,947	7.8
Executive/administrative/managerial	101,263	5.4	97,003	98,972	84.0	144,755	5.7	141,718	73.1	147,445	5.5	143,965	71.8
Faculty (instruction and research)	633,210	34.0	434,071	500,533	16.6	826,252	32.5	632,565	16.4	931,706	35.0	677,736	15.2
Instruction and research assistants	160,086	8.6	28,007	82,684	100.5	197,751	7.8	81,467	127.2	215,909	8.1	89,238	115.8
Non-faculty professionals	178,560	9.6	150,319	163,267	50.9	426,702	16.8	388,838	26.6	449,807	16.9	409,008	25.3
Nonprofessional staff	790,671	42.4	630,511	695,883	11.9	949,775	37.3	850,040	12.2	917,208	34.5	809,313	12.8
Public, total	1,329,122	100.0	946,354	1,092,558	5.8	1,783,328	100.0	1,449,398	5.4	1,865,930	100.0	1,469,140	5.3
Professional staff	769,836	57.9	502,325	601,942	10.5	1,133,264	63.5	868,112	9.1	1,230,066	65.9	910,408	8.5
Executive/administrative/managerial	60,733	4.6	58,649	59,579	106.6	84,446	4.7	82,835	94.9	82,396	4.4	80,504	96.3
Faculty (instruction and research)	448,733	33.8	313,367	357,761	17.7	580,908	32.6	446,113	17.6	656,833	35.2	475,208	16.3
Instruction and research assistants	127,925	9.6	19,076	63,420	100.1	173,560	9.7	70,707	111.2	181,743	9.7	74,040	104.7
Non-faculty professionals	132,445	10.0	111,233	121,182	52.4	294,350	16.5	268,458	29.3	309,034	16.6	280,655	27.6
Nonprofessional staff	559,286	42.1	444,029	490,616	12.9	650,064	36.5	581,286	13.5	635,924	34.1	558,732	13.9
Private, total	534,668	100.0	393,557	448,781	4.4	761,907	100.0	645,231	3.9	796,145	100.0	660,119	3.9
Professional staff	303,283	56.7	207,075	243,514	8.1	462,196	60.7	376,476	6.6	514,861	64.7	409,539	6.3
Executive/administrative/managerial	40,530	7.6	38,354	39,393	49.8	60,309	7.9	58,883	42.4	65,049	8.2	63,461	40.7
Faculty (instruction and research)	184,477	34.5	120,704	142,772	13.7	245,344	32.2	186,452	13.4	274,873	34.5	202,527	12.8
Instruction and research assistants	32,161	6.0	8,931	19,264	101.9	24,191	3.2	10,760	232.1	34,166	4.3	15,197	170.0
Non-faculty professionals	46,115	8.6	39,086	42,085	46.6	132,352	17.4	120,380	20.7	140,773	17.7	128,353	20.1
Nonprofessional staff	231,385	43.3	186,482	205,267	9.6	299,711	39.3	268,755	9.3	281,284	35.3	250,580	10.3

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff, 1976" survey; and Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" surveys. (This table was prepared January 1998.)

Table 222.—Employees in institutions of higher education, by race/ethnicity, primary occupation, employment status and type and control of institution: Fall 1995

Primary occupation, sex, employment status, and type and control of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Race/ethnicity unknown
1	2	3	4	5	6	7	8	9
Total, all institutions	2,662,075	2,043,257	273,450	109,972	101,818	13,491	77,758	42,329
Professional staff	1,744,867	1,400,072	107,025	48,795	75,226	7,354	71,268	35,127
Executive/administrative/managerial	147,445	125,569	13,268	3,991	2,649	732	642	594
Faculty (instruction and research)	931,706	781,960	46,002	24,187	38,278	3,654	15,224	22,401
Instruction and research assistants	215,909	135,837	7,988	6,049	13,762	806	43,580	7,887
Non-faculty professionals	449,807	356,706	39,767	14,568	20,537	2,162	11,822	4,245
Nonprofessional staff	917,208	643,185	166,425	61,177	26,592	6,137	6,490	7,202
Men, total	1,274,676	980,448	105,860	50,641	55,078	6,128	51,861	24,660
Professional staff	946,134	757,657	45,498	24,784	44,737	3,690	48,732	21,036
Executive/administrative/managerial	82,127	71,373	6,123	2,062	1,456	376	392	345
Faculty (instruction and research)	562,893	472,998	23,050	13,904	26,340	2,037	11,003	13,561
Instruction and research assistants	123,962	74,129	3,491	3,108	8,269	407	29,932	4,626
Non-faculty professionals	177,152	139,157	12,834	5,710	8,672	870	7,405	2,504
Nonprofessional staff	328,542	222,791	60,362	25,857	10,341	2,438	3,129	3,624
Women, total	1,387,399	1,062,809	167,590	59,331	46,740	7,363	25,897	17,669
Professional staff	798,733	642,415	61,527	24,011	30,489	3,664	22,536	14,091
Executive/administrative/managerial	65,318	54,196	7,145	1,929	1,193	356	250	249
Faculty (instruction and research)	368,813	308,962	22,952	10,283	11,938	1,617	4,221	8,840
Instruction and research assistants	91,947	61,708	4,497	2,941	5,493	399	13,648	3,261
Non-faculty professionals	272,655	217,549	26,933	8,858	11,865	1,292	4,417	1,741
Nonprofessional staff	588,666	420,394	106,063	35,320	16,251	3,699	3,361	3,578
Full-time, total	1,801,371	1,397,482	216,762	78,632	67,882	9,812	24,815	5,986
Professional staff	1,066,510	885,234	74,410	29,282	47,737	4,735	21,337	3,775
Executive/administrative/managerial	140,990	120,242	12,657	3,795	2,511	709	616	460
Faculty (instruction and research)	550,822	468,518	26,835	12,942	27,572	2,156	10,853	1,946
Non-faculty professionals	374,698	296,474	34,918	12,545	17,654	1,870	9,868	1,369
Nonprofessional staff	734,861	512,248	142,352	49,350	20,145	5,077	3,478	2,211
Part-time, total	860,704	645,775	56,688	31,340	33,936	3,679	52,943	36,343
Professional staff	678,357	514,838	32,615	19,513	27,489	2,619	49,931	31,352
Executive/administrative/managerial	6,455	5,327	611	196	138	23	26	134
Faculty (instruction and research)	380,884	313,442	19,167	11,245	10,706	1,498	4,371	20,455
Instruction and research assistants	215,909	135,837	7,988	6,049	13,762	806	43,580	7,887
Non-faculty professionals	75,109	60,232	4,849	2,023	2,883	292	1,954	2,876
Nonprofessional staff	182,347	130,937	24,073	11,827	6,447	1,060	3,012	4,991
Public 4-year	1,383,476	1,042,710	144,149	53,894	58,927	7,815	58,593	17,388
Professional staff	893,345	697,570	52,721	24,200	45,376	3,998	55,591	13,889
Executive/administrative/managerial	60,590	51,714	5,771	1,442	1,011	307	141	204
Faculty (instruction and research)	384,399	318,839	18,035	9,124	20,768	1,518	10,647	5,468
Instruction and research assistants	178,342	112,691	6,200	5,094	11,298	727	37,370	4,962
Non-faculty professionals	270,014	214,326	22,715	8,540	12,299	1,446	7,433	3,255
Nonprofessional staff	490,131	345,140	91,428	29,694	13,551	3,817	3,002	3,499
Private 4-year	770,004	591,777	83,314	28,828	31,191	1,882	18,011	15,001
Professional staff	495,383	402,305	30,203	11,285	22,132	990	15,012	13,456
Executive/administrative/managerial	62,314	53,431	5,231	1,556	1,248	145	492	211
Faculty (instruction and research)	262,660	220,660	11,357	5,136	11,216	452	4,076	9,763
Instruction and research assistants	33,853	20,065	1,496	850	2,414	67	6,205	2,756
Non-faculty professionals	136,556	108,149	12,119	3,743	7,254	326	4,239	726
Nonprofessional staff	274,621	189,472	53,111	17,543	9,059	892	2,999	1,545
Public 2-year	482,454	386,804	44,133	26,141	11,258	3,539	1,095	9,484
Professional staff	336,661	283,455	22,885	12,701	7,383	2,219	617	7,401
Executive/administrative/managerial	21,806	18,049	2,109	918	357	239	5	129
Faculty (instruction and research)	272,434	231,818	15,936	9,598	6,071	1,625	476	6,910
Instruction and research assistants	3,401	2,840	267	95	38	11	5	145
Non-faculty professionals	39,020	30,748	4,573	2,090	917	344	131	217
Nonprofessional staff	145,793	103,349	21,248	13,440	3,875	1,320	478	2,083
Private 2-year	26,141	21,966	1,854	1,109	442	255	59	456
Professional staff	19,478	16,742	1,216	609	335	147	48	381
Executive/administrative/managerial	2,735	2,375	157	75	33	41	4	50
Faculty (instruction and research)	12,213	10,643	674	329	223	59	25	260
Instruction and research assistants	313	241	25	10	12	1	0	24
Non-faculty professionals	4,217	3,483	360	195	67	46	19	47
Nonprofessional staff	6,663	5,224	638	500	107	108	11	75

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey. (This table was prepared January 1998.)

Table 223.—Employees in institutions of higher education, by primary occupation, sex, employment status, and by type and control of institution: Fall 1995

Primary occupation and type and control of institution	Full-time and part-time					Full-time				Part-time		
	Total		Men	Women		Total		Men	Women	Total	Men	Women
	Number	Per-cent		Number	Per-cent of all employ-ees	Number	Per-cent of all employ-ees					
			2					3	4	5	6	7
Total, all employees	2,662,075	100.0	1,274,676	1,387,399	52.1	1,801,371	67.7	856,289	945,082	860,704	418,387	442,317
Professional staff	1,744,867	65.5	946,134	798,733	45.8	1,066,510	61.1	590,916	475,594	678,357	355,218	323,139
Executive/administrative/managerial	147,445	5.5	82,127	65,318	44.3	140,990	95.6	79,232	61,758	6,455	2,895	3,560
Faculty (instruction and research)	931,706	35.0	562,893	368,813	39.6	550,822	59.1	360,150	190,672	380,884	202,743	178,141
Instruction and research assistants	215,909	8.1	123,962	91,947	42.6	—	—	—	—	215,909	123,962	91,947
Non-faculty professionals	449,807	16.9	177,152	272,655	60.6	374,698	83.3	151,534	223,164	75,109	25,618	49,491
Nonprofessional staff	917,208	34.5	328,542	588,666	64.2	734,861	80.1	265,373	469,488	182,347	63,169	119,178
Technical and paraprofessionals	187,900	7.1	75,996	111,904	59.6	141,677	75.4	59,212	82,465	46,223	16,784	29,439
Clerical and secretarial	441,196	16.6	54,706	386,490	87.6	348,948	79.1	32,962	315,986	92,248	21,744	70,504
Skilled crafts	64,583	2.4	60,494	4,089	6.3	61,273	94.9	58,160	3,113	3,310	2,334	976
Service and maintenance	223,529	8.4	137,346	86,183	38.6	182,963	81.9	115,039	67,924	40,566	22,307	18,259
Public 4-year, total	1,383,476	100.0	676,113	707,363	51.1	986,996	71.3	480,094	506,902	396,480	196,019	200,461
Professional staff	893,345	64.6	497,227	396,118	44.3	576,361	64.5	328,613	247,748	316,984	168,614	148,370
Executive/administrative/managerial	60,590	4.4	36,401	24,189	39.9	58,519	96.6	35,443	23,076	2,071	958	1,113
Faculty (instruction and research)	384,399	27.8	250,584	133,815	34.8	291,049	75.7	199,881	91,168	93,350	50,703	42,647
Instruction and research assistants	178,342	12.9	102,834	75,508	42.3	—	—	—	—	178,342	102,834	75,508
Non-faculty professionals	270,014	19.5	107,408	162,606	60.2	226,793	84.0	93,289	133,504	43,221	14,119	29,102
Nonprofessional staff	490,131	35.4	178,886	311,245	63.5	410,635	83.8	151,481	259,154	79,496	27,405	52,091
Technical and paraprofessionals	106,173	7.7	42,790	63,383	59.7	82,351	77.6	34,356	47,995	23,822	8,434	15,388
Clerical and secretarial	221,378	16.0	26,119	195,259	88.2	185,179	83.6	17,489	167,690	36,199	8,630	27,569
Skilled crafts	41,287	3.0	38,993	2,294	5.6	39,877	96.6	37,930	1,947	1,410	1,063	347
Service and maintenance	121,293	8.8	70,984	50,309	41.5	103,228	85.1	61,706	41,522	18,065	9,278	8,787
Public 2-year, total	482,454	100.0	219,665	262,789	54.5	240,511	49.9	107,007	133,504	241,943	112,658	129,285
Professional staff	336,661	69.8	169,416	167,245	49.7	144,782	43.0	73,989	70,793	191,879	95,427	96,452
Executive/administrative/managerial	21,806	4.5	12,274	9,532	43.7	20,461	93.8	11,643	8,818	1,345	631	714
Faculty (instruction and research)	272,434	56.5	140,912	131,522	48.3	95,527	35.1	51,137	44,390	176,907	89,775	87,132
Instruction and research assistants	3,401	0.7	1,457	1,944	57.2	—	—	—	—	3,401	1,457	1,944
Non-faculty professionals	39,020	8.1	14,773	24,247	62.1	28,794	73.8	11,209	17,585	10,226	3,564	6,662
Nonprofessional staff	145,793	30.2	50,249	95,544	65.5	95,729	65.7	33,018	62,711	50,064	17,231	32,833
Technical and paraprofessionals	33,042	6.8	12,610	20,432	61.8	20,335	61.5	8,001	12,334	12,707	4,609	8,098
Clerical and secretarial	76,464	15.8	10,415	66,049	86.4	47,484	62.1	3,004	44,480	28,980	7,411	21,569
Skilled crafts	6,592	1.4	5,743	849	12.9	5,006	83.5	5,055	451	1,086	688	398
Service and maintenance	29,695	6.2	21,481	8,214	27.7	22,404	75.4	16,958	5,446	7,291	4,523	2,768
Private 4-year, total	770,004	100.0	367,610	402,394	52.3	556,556	72.3	261,741	294,815	213,448	105,869	107,579
Professional staff	495,383	64.3	270,326	225,057	45.4	332,837	67.2	182,356	150,481	162,546	87,970	74,576
Executive/administrative/managerial	62,314	8.1	32,124	30,190	48.4	59,394	95.3	30,869	28,525	2,920	1,255	1,665
Faculty (instruction and research)	262,660	34.1	165,113	97,547	37.1	157,958	60.1	105,689	52,269	104,702	59,424	45,278
Instruction and research assistants	33,853	4.4	19,509	14,344	42.4	—	—	—	—	33,853	19,509	14,344
Non-faculty professionals	136,556	17.7	53,580	82,976	60.8	115,485	84.6	45,798	69,687	21,071	7,782	13,289
Nonprofessional staff	274,621	35.7	97,284	177,337	64.6	223,719	81.5	79,385	144,334	50,902	17,899	33,003
Technical and paraprofessionals	47,575	6.2	20,190	27,385	57.6	38,232	80.4	16,557	21,675	9,343	3,633	5,710
Clerical and secretarial	139,888	18.2	17,884	122,004	87.2	113,708	81.3	12,303	101,405	26,180	5,581	20,599
Skilled crafts	16,391	2.1	15,513	878	5.4	15,623	95.3	14,954	669	768	559	209
Service and maintenance	70,767	9.2	43,697	27,070	38.3	56,156	79.4	35,571	20,585	14,611	8,126	6,485
Private 2-year, total	26,141	100.0	11,288	14,853	56.8	17,308	66.2	7,447	9,861	8,833	3,841	4,992
Professional staff	19,478	74.5	9,165	10,313	52.9	12,530	64.3	5,958	6,572	6,948	3,207	3,741
Executive/administrative/managerial	2,735	10.5	1,328	1,407	51.4	2,616	95.6	1,277	1,339	119	51	68
Faculty (instruction and research)	12,213	46.7	6,284	5,929	48.5	6,288	51.5	3,443	2,845	5,925	2,841	3,084
Instruction and research assistants	313	1.2	162	151	48.2	—	—	—	—	313	162	151
Non-faculty professionals	4,217	16.1	1,391	2,826	67.0	3,626	86.0	1,238	2,388	591	153	438
Nonprofessional staff	6,663	25.5	2,123	4,540	68.1	4,778	71.7	1,489	3,289	1,885	634	1,251
Technical and paraprofessionals	1,110	4.2	406	704	63.4	759	68.4	298	461	351	108	243
Clerical and secretarial	3,466	13.3	288	3,178	91.7	2,577	74.4	166	2,411	889	122	767
Skilled crafts	313	1.2	245	68	21.7	267	85.3	221	46	46	24	22
Service and maintenance	1,774	6.8	1,184	590	33.3	1,175	66.2	804	371	599	380	219

—Not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey. (This table was prepared January 1998.)

Table 224.—Staff and student/staff ratios in institutions of higher education, by type and control of institution and by state: Fall 1995

State or other area	Full-time-equivalent staff				Full-time-equivalent faculty				Full-time-equivalent students per FTE staff				Full-time-equivalent students per FTE faculty				Full-time-equivalent faculty as a percent of FTE staff			
	Public		Private		Public		Private		Public		Private		Public		Private		Public		Private	
	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year	4-year	2-year
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
United States	1,143,594	325,546	639,524	20,595	321,664	153,545	194,189	8,338	4.2	9.2	3.8	8.1	14.8	19.5	12.4	20.1	28.1	47.2	30.4	40.5
Alabama	32,599	5,113	3,913	103	7,004	2,670	1,393	35	3.2	10.7	5.0	4.4	14.9	20.4	14.0	12.7	21.5	52.2	35.6	34.2
Alaska	3,116	29	169	47	1,016	6	47	28	5.7	11.3	3.5	3.6	17.5	51.5	12.5	6.0	32.6	22.0	27.9	59.4
Arizona	19,732	6,654	1,802	101	4,742	2,939	791	32	4.2	11.5	9.2	8.8	17.5	26.1	21.1	27.7	24.0	44.2	43.9	31.7
Arkansas	15,010	2,037	1,888	94	3,979	950	645	38	3.5	7.4	5.3	3.7	13.3	16.0	15.5	9.2	26.5	46.6	34.1	40.6
California	92,969	42,432	45,518	1,605	29,354	20,832	14,391	605	4.5	13.3	4.4	8.0	14.3	27.0	13.9	21.3	31.6	49.1	31.6	37.7
Colorado	21,434	4,672	4,362	410	7,956	2,090	1,302	193	4.9	8.6	5.0	8.4	13.1	19.3	16.7	17.9	37.1	44.7	29.8	47.0
Connecticut	10,341	2,586	15,072	238	2,987	1,283	5,091	90	4.2	8.2	2.9	4.9	14.5	16.6	8.6	12.9	28.9	49.6	33.8	37.6
Delaware	4,486	775	761	—	1,097	293	388	—	4.6	8.6	7.0	—	18.7	22.9	13.6	—	24.5	37.8	51.0	—
District of Columbia	974	—	24,214	—	522	—	5,269	—	6.1	—	2.3	—	11.4	—	10.5	—	53.6	—	21.8	—
Florida	32,694	21,272	18,977	784	9,456	8,983	5,953	289	4.9	8.3	4.2	6.5	16.9	19.7	13.5	17.7	28.9	42.2	31.4	36.8
Georgia	32,561	7,901	12,200	530	7,835	3,789	4,848	239	4.1	7.2	4.5	7.8	16.9	15.0	11.4	17.3	24.1	48.0	39.7	45.2
Hawaii	5,146	1,436	1,241	—	1,881	868	509	—	3.7	11.3	8.0	—	10.2	18.7	19.5	—	36.6	60.4	41.0	—
Idaho	5,591	679	363	845	2,000	297	165	358	5.8	7.8	5.5	9.6	16.1	17.7	12.1	22.7	35.8	43.8	45.3	42.3
Illinois	43,829	19,683	40,654	523	11,336	9,074	12,861	220	3.6	9.3	3.6	7.2	14.1	20.2	11.3	17.2	25.9	46.1	31.6	42.1
Indiana	32,658	3,329	11,968	268	8,955	1,473	3,684	112	4.5	7.0	4.6	10.7	16.4	15.8	14.8	25.5	27.4	44.2	30.8	41.9
Iowa	17,502	4,805	8,121	117	4,001	1,963	2,834	51	3.3	8.3	5.1	7.9	14.5	20.3	14.6	18.3	22.9	40.9	34.9	43.1
Kansas	15,532	5,272	2,529	174	4,726	2,378	1,074	52	4.6	7.6	5.4	4.2	15.1	16.7	12.8	14.2	30.4	45.1	42.5	29.8
Kentucky	21,006	2,702	4,258	283	6,001	1,535	1,455	118	4.1	10.4	5.4	8.3	14.5	18.4	15.8	20.0	28.6	56.8	34.2	41.7
Louisiana	25,612	1,448	6,190	94	7,847	692	2,037	48	4.9	11.8	3.8	8.0	16.0	24.6	11.5	15.7	30.6	47.8	32.9	51.2
Maine	4,960	643	2,949	137	1,498	308	882	60	4.6	6.8	4.2	12.1	15.2	14.2	14.0	27.6	30.2	47.8	29.9	43.8
Maryland	20,655	8,437	13,466	158	6,936	3,790	3,723	44	4.3	6.8	2.2	6.5	12.7	15.1	8.1	23.6	33.6	44.9	27.6	27.6
Massachusetts	18,867	5,488	56,511	873	5,214	2,502	15,151	361	4.2	8.2	3.4	6.9	15.1	18.0	12.5	16.6	27.6	45.6	26.8	41.4
Michigan	45,738	10,476	10,134	328	14,104	4,936	3,633	133	4.5	9.9	6.0	5.3	14.6	21.0	16.8	13.0	30.8	47.1	35.9	40.6
Minnesota	22,480	6,050	8,752	440	5,317	3,242	3,231	204	3.9	10.4	5.5	7.4	16.7	19.4	15.0	16.0	23.7	53.6	36.9	46.3
Mississippi	15,867	4,873	1,575	130	3,168	2,530	563	44	3.2	8.5	6.0	5.6	16.3	16.4	16.7	16.5	20.0	51.9	35.7	33.7
Missouri	23,276	4,983	17,752	743	7,711	2,150	5,819	308	4.1	8.2	4.1	5.3	12.3	18.9	12.5	12.8	33.1	43.1	32.8	41.4
Montana	5,306	631	623	94	1,666	341	209	31	5.2	7.3	5.8	6.4	16.6	13.5	17.2	19.1	31.4	54.0	33.5	33.5
Nebraska	13,760	2,441	4,013	54	3,383	1,015	1,450	38	3.5	8.1	4.1	7.5	14.0	19.4	11.5	10.6	24.6	41.6	36.1	70.4
Nevada	4,544	1,654	137	14	1,628	821	68	5	4.8	9.2	7.1	1.9	13.4	18.5	14.2	5.4	35.8	49.6	49.7	36.1
New Hampshire	3,681	1,170	5,174	265	1,144	787	1,456	108	6.0	4.4	3.6	11.8	19.2	6.5	12.9	29.0	31.1	47.2	28.1	40.7
New Jersey	26,971	8,008	11,708	397	6,835	3,208	3,291	159	3.8	10.1	3.8	9.7	15.2	25.3	13.4	24.2	25.3	40.1	28.1	40.0
New Mexico	12,313	3,163	480	53	2,702	1,239	175	23	3.2	8.1	7.6	18.0	14.5	20.8	21.0	42.0	21.9	39.2	36.5	42.9
New York	52,989	22,351	104,750	2,644	16,916	10,428	30,515	1,144	5.0	7.9	3.2	9.6	15.7	16.8	11.1	22.1	31.9	46.7	29.1	43.3
North Carolina	33,513	14,575	26,912	341	8,755	7,957	5,722	129	4.0	6.3	2.2	3.9	15.2	11.4	10.5	10.3	26.1	54.6	21.3	37.9
North Dakota	5,332	926	404	170	1,831	383	173	34	4.7	7.3	7.7	1.5	13.7	17.7	17.8	7.3	34.3	41.4	43.0	20.1
Ohio	50,420	9,426	20,436	837	13,807	4,528	7,153	373	4.4	9.3	4.7	10.7	15.9	19.3	13.4	23.9	27.4	48.0	35.0	44.6
Oklahoma	15,896	4,411	3,461	393	4,802	1,803	1,231	152	4.9	8.4	5.1	4.9	16.1	20.6	14.4	12.6	30.2	40.9	35.6	38.6
Oregon	15,723	6,733	3,990	17	5,471	2,955	1,585	11	3.4	6.4	5.0	9.0	9.8	14.5	12.7	14.3	34.8	43.9	39.7	63.4
Pennsylvania	52,022	7,414	50,477	3,361	16,146	4,091	16,094	1,174	3.9	8.3	3.6	9.7	12.4	15.0	11.2	27.8	31.0	55.2	31.9	34.9
Rhode Island	3,327	673	7,174	212	1,013	287	1,796	109	5.3	12.6	4.0	—	17.4	29.6	15.9	—	30.4	42.6	25.0	—
South Carolina	15,904	4,821	4,100	228	5,028	2,173	1,353	85	4.5	7.8	5.3	5.3	14.3	17.2	16.0	14.2	31.6	45.1	33.0	37.1
South Dakota	4,215	56	1,070	35	1,485	34	414	5	5.9	3.1	5.1	4.1	16.7	5.1	13.2	28.4	35.2	60.2	38.7	14.5
Tennessee	27,278	5,021	17,161	304	6,929	2,240	4,427	150	3.5	9.4	2.7	6.6	13.8	21.0	10.4	13.4	25.4	44.6	25.8	49.4
Texas	83,986	28,587	21,891	644	20,276	13,226	6,944	263	4.0	8.3	4.2	8.8	16.6	17.9	13.2	21.4	24.1	46.3	31.7	40.9
Utah	15,447	1,777	4,805	157	3,545	612	1,740	84	4.1	10.9	6.9	7.3	17.7	31.7	19.1	13.6	22.9	34.4	36.2	53.8
Vermont	3,866	266	3,194	176	1,198	157	974	104	3.5	7.1	3.9	1.0	11.4	12.0	12.6	1.7	31.0	59.0	30.5	59.1
Virginia	37,812	4,688	10,216	585	9,250	1,999	3,379	261	3.7	14.2	4.6	6.9	14.9	33.4	13.9	15.4	24.5	42.6	33.1	44.6
Washington	24,840	9,934	5,735	228	6,299	4,940	2,338	100	3.1	10.4	5.4	9.0	12.4	20.9	13.2	20.7	25.4	49.7	40.8	43.6
West Virginia	10,301	586	1,837	92	3,698	259	570	39	5.4	8.2	5.0	8.4	14.9	18.5	16.0	19.9	35.9	44.2	31.1	42.4
Wisconsin	29,113	10,809	14,440	127	7,634	5,795	3,396	57	4.2	5.5	2.9	11.8	15.9	10.2	12.3	26.2	26.2	53.6	23.5	45.1
Wyoming	2,826	1,563	—	141	848	697	—	39	3.5	7.3	—	5.4	11.5	16.4	—	19.5	30.0	44.6	—	27.5
U.S. Service Schools	7,575	88	—	—	2,731	—	—	—	2.4	—	—	—	6.5	—	—	—	36.1	—	—	—
Outlying areas	11,629	1,976	7,802	584	3,797	766	2,722	298	4.7	5.7	10.5	13.4	14.4	14.7	30.1	26.2	32.6	38.8	34.9	51.0
American Samoa	—	182	—	—	—	98	—	—	—	5.4	—									

Table 225.—Full-time and part-time senior instructional faculty¹ in institutions of higher education, by employment status, control, and type of institution: Fall 1970 to fall 1995

[In thousands]

Year	Total	Employment status		Control			Type		
		Full-time	Part-time	Public	Private		4-year	2-year	
					Total	Nonprofit			Proprietary
1	2	3	4	5	6	7	8	9	10
1970	474	369	104	314	160	—	—	382	92
1971 ²	492	379	113	333	159	—	—	387	105
1972	500	380	120	343	157	—	—	384	116
1973 ²	527	389	138	365	162	—	—	401	126
1974 ²	567	406	161	397	170	—	—	427	140
1975 ²	628	440	188	443	185	—	—	467	161
1976	633	434	199	449	184	—	—	467	166
1977	678	448	230	492	186	—	—	485	193
1979 ²	675	445	230	488	187	—	—	494	182
1980 ²	686	450	236	495	191	—	—	494	192
1981	705	461	244	509	196	—	—	493	212
1982 ²	710	462	248	506	204	—	—	493	217
1983	724	471	254	512	212	—	—	504	220
1984 ²	717	462	255	505	212	—	—	504	213
1985 ²	715	459	256	503	212	—	—	504	211
1986 ²	722	459	263	510	212	—	—	506	216
1987 ³	793	523	270	553	240	—	—	548	246
1989 ³	824	524	300	577	247	—	—	584	241
1991 ³	826	536	291	581	245	—	—	591	235
1993 ³	915	546	370	650	265	254	11	626	290
1995 ³	932	551	381	657	275	261	14	647	285

¹ Includes faculty members with the title of professor, associate professor, assistant professor, instructor, lecturer, assisting professor, adjunct professor, or interim professor (or the equivalent). Excluded are graduate students with titles such as graduate or teaching fellow who assist senior faculty.

² Estimated on the basis of enrollment.

³ Because of revised survey methods, data are not directly comparable with figures for years prior to 1987.

—Data not available.

NOTE.—Data exclude faculty employed by system offices. For methodological details on estimates, see *Projections of Education Statistics to 2000*. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Employees in Institutions of Higher Education*, various years; *Projections of Education Statistics to 2000*; Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey; and U.S. Equal Employment Opportunity Commission, Higher Education Staff Information (EEO-6) Survey, 1977, 1981, and 1983. (This table was prepared January 1999.)

Table 226.—Full-time instructional faculty in institutions of higher education, by race/ethnicity, academic rank, and sex: Fall 1995

Academic rank and sex	Total	White, non-Hispanic	Minority		Black, non-Hispanic	Hispanic	Asian or Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Race/ethnicity unknown
			Number	Percent ¹						
1	2	3	4	5	6	7	8	9	10	11
Men and women, all ranks	550,822	468,518	69,505	12.9	26,835	12,942	27,572	2,156	10,853	1,946
Professors	159,333	142,819	15,254	9.6	4,768	2,470	7,643	373	975	285
Associate professors	125,082	108,953	14,710	11.9	5,634	2,607	6,119	350	1,179	240
Assistant professors	129,682	104,037	20,725	16.6	8,011	3,736	8,459	519	4,311	609
Instructors	66,708	55,211	10,223	15.6	4,857	2,530	2,323	513	848	426
Lecturers	12,874	10,533	1,838	14.9	798	429	557	54	426	77
Other faculty	57,143	46,965	6,755	12.6	2,767	1,170	2,471	347	3,114	309
Men, all ranks	360,150	307,498	43,258	12.3	13,847	7,864	20,285	1,262	8,161	1,233
Professors	130,940	117,844	11,987	9.2	3,085	1,912	6,691	299	879	230
Associate professors	85,313	74,160	9,985	11.9	3,214	1,723	4,826	222	989	179
Assistant professors	73,141	57,580	11,952	17.2	3,897	2,068	5,734	253	3,225	384
Instructors	33,067	27,239	5,037	15.6	2,154	1,345	1,244	294	551	240
Lecturers	5,889	4,809	812	14.4	351	193	241	27	233	35
Other faculty	31,800	25,866	3,485	11.9	1,146	623	1,549	167	2,284	165
Women, all ranks	190,672	161,020	26,247	14.0	12,988	5,078	7,287	894	2,692	713
Professors	28,393	24,975	3,267	11.6	1,683	558	952	74	96	55
Associate professors	39,769	34,793	4,725	12.0	2,420	884	1,293	128	190	61
Assistant professors	56,541	46,457	8,773	15.9	4,114	1,668	2,725	266	1,086	225
Instructors	33,641	27,972	5,186	15.6	2,703	1,185	1,079	219	297	186
Lecturers	6,985	5,724	1,026	15.2	447	236	316	27	193	42
Other faculty	25,343	21,099	3,270	13.4	1,621	547	922	180	830	144

¹ Based on the number of U.S. citizen faculty with racial/ethnic data.

NOTE.—Data exclude faculty employed by system offices. Totals may differ from figures reported in other tables because of varying survey methodologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Staff" survey. (This table was prepared June 1998.)

Table 227.—Full-time instructional faculty and staff in institutions of higher education, by instruction activities and type and control of institution: Fall 1992

Instruction activities	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of full-time instructional faculty and staff (in thousands)	528	107	32	53	29	94	39	38	110	26
Percentage distribution	100.0	20.3	6.1	10.0	5.4	17.9	7.3	7.2	20.8	5.0
Hours worked per week										
Average hours worked per week	52.5	56.4	57.6	55.1	53.4	52.4	51.8	52.5	46.9	49.0
Paid activities within institution	42.6	48.0	48.6	46.2	44.6	41.3	40.9	42.4	36.0	39.5
Unpaid activities within institution	5.1	4.3	4.1	4.3	3.4	5.9	5.8	5.8	6.0	5.1
Outside paid activities	2.8	2.4	2.6	2.5	3.6	2.8	3.0	2.6	3.1	2.8
Unpaid activities outside institution	2.0	1.8	2.2	2.1	1.8	2.3	2.1	1.6	1.9	1.7
Work time distribution (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teaching	54.5	40.4	34.7	46.9	44.5	60.3	59.7	63.7	68.8	60.8
Research/scholarship	17.7	31.6	35.5	23.8	21.7	14.0	11.8	9.7	4.5	10.7
Professional growth	4.6	3.7	3.3	4.1	4.3	5.0	4.9	4.7	5.8	5.1
Administration	13.0	12.9	12.9	13.2	15.7	12.0	14.6	14.7	12.0	14.9
Outside consulting	2.7	2.5	3.0	2.5	2.8	2.7	3.1	2.3	2.7	2.8
Service/non-teaching	7.4	8.9	10.6	9.6	11.0	6.1	5.9	4.9	6.1	5.6
Preferred work time distribution (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teaching	49.0	36.6	33.2	41.8	39.4	52.4	52.9	56.1	64.1	54.1
Research/scholarship	24.7	38.5	41.7	31.1	30.1	22.4	19.8	18.8	9.2	17.6
Professional growth	8.1	6.5	6.2	7.2	6.9	8.5	8.6	8.8	9.8	9.3
Administration	8.2	7.8	7.1	8.0	10.2	7.7	9.2	8.6	8.1	9.6
Outside consulting	3.3	3.1	3.4	3.3	3.6	3.5	3.9	2.9	3.1	3.7
Service/non-teaching	6.6	7.4	8.4	8.6	9.9	5.6	5.7	4.8	5.7	5.6
Distribution of hours taught per week (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 4.0	15.0	30.4	36.7	18.9	21.5	8.2	8.2	6.3	6.2	10.5
4.0 to 5.9	8.0	15.0	18.9	10.4	9.1	4.9	5.2	5.8	3.3	5.9
6.0 to 7.9	15.9	26.5	21.0	21.2	24.9	12.6	14.7	13.1	6.0	14.6
8.0 to 9.9	14.6	11.9	7.0	19.0	18.9	19.9	21.9	22.2	6.5	12.3
10.0 to 14.9	22.5	8.9	8.4	16.9	15.1	36.5	34.6	34.1	19.8	28.6
15.0 or more	23.9	7.3	8.1	13.6	10.6	17.9	15.4	18.5	58.2	28.0
Distribution of number of students taught (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25	13.1	21.7	33.3	15.9	18.5	7.3	8.3	11.7	5.9	13.2
25 to 49	19.9	23.1	24.3	22.2	22.4	15.1	20.4	29.8	14.3	23.0
50 to 74	19.5	18.7	11.6	16.7	13.0	20.2	27.8	26.7	17.4	24.7
75 to 99	15.8	11.0	8.9	13.7	11.1	19.4	21.2	15.8	18.8	15.1
100 to 149	18.9	10.9	10.2	15.5	17.6	25.1	17.4	12.0	27.6	16.3
150 or more	12.8	14.7	11.7	16.1	17.5	13.0	5.0	4.0	16.0	7.7
Distribution of student classroom contact hours per week ¹ (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 50	8.4	16.6	25.7	10.3	13.2	3.3	4.6	6.1	2.4	6.6
50 to 99	10.6	16.2	18.2	13.5	12.7	7.6	9.9	11.8	4.6	12.1
100 to 199	21.9	25.8	21.9	22.5	25.3	20.0	27.6	34.8	11.8	25.7
200 to 349	27.6	20.1	18.4	25.9	18.1	34.0	38.4	30.2	28.2	28.7
350 to 499	15.7	8.3	4.8	11.3	13.6	20.4	11.8	10.4	26.5	14.8
500 or more	15.8	13.0	11.0	16.6	17.1	14.8	7.8	6.9	26.6	12.1
Distribution of total classroom credit hours (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 4.0	14.1	26.2	28.6	15.4	19.4	8.0	8.5	11.8	7.2	12.1
4.0 to 5.9	8.6	14.7	14.8	12.5	10.8	5.8	6.0	5.9	4.2	7.8
6.0 to 7.9	18.3	31.0	25.0	26.0	26.5	15.0	13.6	13.2	8.0	15.3
8.0 to 9.9	18.6	15.0	16.1	22.6	18.8	23.6	28.2	24.4	10.7	18.8
10.0 to 14.9	24.9	9.5	7.4	17.9	17.0	37.3	34.6	34.9	28.4	29.1
15.0 or more	15.5	3.7	8.0	5.6	7.5	10.3	9.2	9.9	41.5	17.0
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	16.0	34.4	40.9	20.6	22.1	11.5	11.3	9.9	12.3	13.1
2	23.2	42.9	37.2	34.0	40.8	20.8	21.2	21.6	13.9	19.6
3	23.6	14.5	7.9	27.6	25.0	31.9	31.2	35.0	15.3	27.1
4	20.0	6.1	7.4	13.3	6.5	26.7	26.1	20.7	21.9	25.4
5 or more	17.2	2.1	6.5	4.5	5.5	9.2	10.2	12.9	36.6	14.8
Faculty with graduate classes only (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	—	100.0
1	47.9	57.1	53.2	45.4	46.4	30.3	21.0	—	—	32.6
2	33.4	33.7	38.4	35.0	31.3	23.0	36.3	—	—	36.0
3	12.6	6.8	4.7	13.4	17.4	28.2	30.1	—	—	18.1
4	4.1	1.9	1.6	3.5	3.5	13.3	9.9	—	—	9.3
5 or more	2.0	0.6	2.1	2.7	1.4	5.2	2.8	—	—	4.1
Faculty with both undergraduate and graduate classes (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	—
2	42.3	58.9	67.6	48.3	40.5	25.0	17.6	22.1	—	—
3	32.2	29.9	22.8	31.3	36.6	34.0	45.7	21.7	—	—
4	16.1	5.5	7.4	14.6	12.1	25.7	27.6	37.0	—	—
5 or more	9.5	5.7	2.2	5.8	10.8	15.3	9.1	19.3	—	—

¹ Hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.
—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

NOTE.—Because of rounding, details may not add to totals.

Table 228.—Part-time instructional faculty and staff in institutions of higher education, by instruction activities and type and control of institution: Fall 1992

Instruction activities	All institutions	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11
Number of part-time instructional faculty and staff (in thousands)	377	25	17	21	18	47	37	21	166	24
Percentage distribution	100.0	6.7	4.6	5.5	4.8	12.5	9.7	5.6	44.2	6.5
Hours worked per week										
Average hours worked per week	33.8	38.9	40.3	34.6	37.0	34.7	35.6	33.4	31.5	32.6
Paid activities within institution	11.7	19.9	11.6	14.3	10.7	13.5	10.3	12.8	10.1	10.4
Unpaid activities within institution	3.2	4.2	4.3	3.9	3.6	3.5	2.3	2.5	3.1	2.8
Outside paid activities	16.9	12.5	22.7	14.5	20.6	15.5	20.9	16.2	16.5	17.1
Unpaid activities outside institution	1.9	2.3	1.7	2.0	2.0	2.2	2.1	1.9	1.8	2.3
Work time distribution (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teaching	59.8	52.1	38.7	60.7	42.7	61.6	56.6	61.4	64.9	59.3
Research/scholarship	7.1	15.7	17.7	8.7	8.9	8.2	5.9	6.6	4.4	7.0
Professional growth	5.8	5.2	8.2	7.5	5.8	6.0	5.8	6.1	5.5	5.1
Administration	5.8	5.4	12.7	5.1	4.6	6.2	6.3	7.0	5.0	5.2
Outside consulting	10.4	10.4	11.0	8.6	17.0	8.2	12.4	10.6	9.9	11.0
Service/non-teaching	11.1	11.2	11.6	9.2	21.0	9.7	12.9	8.3	10.3	12.5
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teaching	57.7	51.9	37.5	58.2	40.6	57.0	56.2	58.8	63.1	56.4
Research/scholarship	11.2	18.8	21.2	13.2	12.6	13.3	10.1	11.4	8.1	11.4
Professional growth	9.0	7.6	9.4	9.7	8.6	9.3	8.4	9.0	9.1	8.6
Administration	4.3	3.8	9.6	3.2	4.0	5.0	5.1	4.8	3.6	3.8
Outside consulting	8.6	7.6	9.9	7.2	16.8	7.2	9.4	8.8	8.0	9.2
Service/non-teaching	9.3	10.3	12.3	8.5	17.4	8.3	10.8	7.3	8.0	10.6
Preferred work time distribution (percent)										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Teaching	57.7	51.9	37.5	58.2	40.6	57.0	56.2	58.8	63.1	56.4
Research/scholarship	11.2	18.8	21.2	13.2	12.6	13.3	10.1	11.4	8.1	11.4
Professional growth	9.0	7.6	9.4	9.7	8.6	9.3	8.4	9.0	9.1	8.6
Administration	4.3	3.8	9.6	3.2	4.0	5.0	5.1	4.8	3.6	3.8
Outside consulting	8.6	7.6	9.9	7.2	16.8	7.2	9.4	8.8	8.0	9.2
Service/non-teaching	9.3	10.3	12.3	8.5	17.4	8.3	10.8	7.3	8.0	10.6
Distribution of hours taught per week (percent)										
Total hours taught per week	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 4.0	34.6	44.3	60.5	36.2	52.5	36.0	42.0	36.7	26.7	37.2
4.0 to 5.9	15.3	11.1	14.8	15.3	16.4	15.7	13.2	16.7	15.9	16.1
6.0 to 7.9	20.0	15.7	14.5	19.5	13.8	20.9	18.0	20.2	22.9	12.9
8.0 to 9.9	12.4	13.0	4.6	14.9	6.9	11.6	9.7	8.8	14.6	12.8
10.0 to 14.9	9.7	5.7	3.4	8.5	4.0	9.7	8.5	9.2	11.6	10.9
15.0 or more	7.9	10.2	2.2	5.8	6.4	6.2	8.6	8.5	8.4	10.2
Distribution of number of students taught (percent)										
Total students taught	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 25	36.5	36.0	57.4	27.1	48.2	26.2	47.2	50.1	31.8	49.2
25 to 49	33.5	22.9	25.5	29.4	31.8	33.7	28.9	32.7	38.7	23.4
50 to 74	16.2	15.6	11.1	20.2	9.9	21.1	13.2	10.1	16.9	15.7
75 to 99	6.2	5.9	3.1	8.7	2.4	8.0	5.4	3.5	6.7	5.3
100 to 149	5.1	8.5	2.7	8.3	0.5	8.4	4.0	3.1	4.4	5.7
150 or more	2.5	11.1	0.2	6.2	7.2	2.7	1.4	0.6	1.5	0.7
Distribution of student classroom contact hours per week ¹ (percent)										
Total contact hours	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 50	18.6	23.8	45.3	13.2	35.4	12.4	27.6	27.2	11.6	30.3
50 to 99	26.8	18.9	34.6	21.8	28.5	24.0	30.0	33.3	27.8	20.2
100 to 199	30.3	25.0	9.5	35.7	22.1	36.9	25.5	25.6	33.6	24.7
200 to 349	15.4	14.4	7.7	17.6	4.5	14.8	9.6	8.9	18.8	18.0
350 to 499	4.6	6.7	2.7	5.0	2.1	6.7	2.7	4.0	4.6	4.5
500 or more	4.4	11.1	0.2	6.6	7.5	5.2	4.7	1.1	3.7	2.3
Distribution of total classroom credit hours (percent)										
Total credit hours	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 4.0	40.3	48.7	51.5	36.9	54.6	39.9	48.5	47.8	35.1	37.3
4.0 to 5.9	15.7	12.8	27.8	17.2	10.9	13.7	9.6	14.2	16.4	21.9
6.0 to 7.9	21.5	16.8	8.9	21.6	16.8	24.9	20.9	18.8	23.8	17.2
8.0 to 9.9	12.4	16.9	5.5	9.3	11.5	13.9	8.9	9.5	13.4	13.7
10.0 to 14.9	6.9	3.2	6.3	8.1	4.3	5.4	7.9	7.3	8.0	5.2
15.0 or more	3.2	1.6	(²)	7.0	2.0	2.3	4.4	2.5	3.3	4.7
Number of classes taught for credit										
Faculty with undergraduate classes only (percent)										
Total undergraduate credit courses	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	50.2	49.4	69.1	48.6	61.6	49.6	54.5	50.7	48.1	52.4
2	32.0	26.7	26.1	34.8	27.0	32.6	28.0	30.8	33.8	28.3
3	11.2	12.8	0.8	11.0	8.5	12.5	10.7	9.3	11.6	12.1
4	4.0	6.6	4.0	4.6	1.5	3.6	4.0	4.1	3.8	5.6
5 or more	2.6	4.5	(²)	1.1	1.5	1.7	3.0	5.2	2.8	1.6
Faculty with graduate classes only (percent)										
Total graduate credit courses	100.0	100.0	100.0	100.0	100.0	100.0	100.0	—	—	100.0
1	72.4	70.5	77.6	62.7	72.9	57.6	74.5	—	—	84.1
2	18.0	13.1	14.5	33.0	16.1	33.2	18.9	—	—	6.3
3	7.1	12.8	5.9	4.1	8.7	8.1	3.1	—	—	5.7
4	1.3	0.9	2.0	(²)	1.4	1.0	1.4	—	—	1.8
5 or more	1.2	2.7	(²)	0.2	1.0	(²)	2.1	—	—	2.2
Faculty with both undergraduate and graduate classes (percent)										
Total graduate and undergraduate courses	100.0	—	—	—	—	—	—	—	—	—
2	48.0	—	—	—	—	—	—	—	—	—
3	35.7	—	—	—	—	—	—	—	—	—
4	10.6	—	—	—	—	—	—	—	—	—
5 or more	5.7	—	—	—	—	—	—	—	—	—

¹ Hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.

² Less than .05 percent.

—Data not available or not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

Table 229.—Percentage distribution of full-time and part-time instructional faculty and staff in institutions of higher education, by program area, race/ethnicity, and sex: Fall 1992

Program area	Number	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
			4	5	6	7	8	9	10	11	12	13
Full-time instructional faculty and staff												
Total	528,260	100.0	58.0	28.4	2.7	2.4	1.8	0.9	3.9	1.3	0.3	0.2
Agriculture and home economics	11,366	100.0	70.4	20.3	2.3	1.6	1.6	0.2	1.0	1.9	—	0.7
Business	39,928	100.0	61.3	27.2	2.0	2.2	1.0	0.6	3.9	0.8	0.6	0.3
Communications	10,296	100.0	55.9	30.4	2.9	2.7	1.5	—	4.3	1.2	0.8	0.3
Education	37,066	100.0	42.8	41.9	4.0	5.4	1.0	2.4	0.5	1.1	0.7	0.3
Teacher education	12,490	100.0	39.8	50.3	2.1	4.9	0.1	0.7	0.3	1.0	0.5	0.2
Other education	24,576	100.0	44.4	37.6	4.9	5.7	1.4	3.3	0.6	1.1	0.8	0.3
Engineering	24,431	100.0	72.7	3.9	2.1	0.7	2.9	0.2	15.5	1.3	0.7	—
Fine arts	31,659	100.0	59.6	29.0	3.8	1.9	2.1	0.3	1.2	1.5	0.3	0.2
Health sciences	79,422	100.0	42.1	43.8	2.3	3.4	1.5	0.7	3.9	2.2	0.1	0.1
First-professional	36,867	100.0	63.3	19.0	3.6	1.0	2.8	0.9	7.2	2.1	0.2	—
Nursing	21,776	100.0	0.9	87.5	0.5	7.1	—	0.9	0.1	2.9	—	0.2
Other health sciences	20,779	100.0	47.5	42.0	1.8	3.7	0.9	0.3	2.0	1.5	0.2	0.2
Humanities	73,923	100.0	52.8	35.2	2.1	2.1	2.1	2.0	1.2	1.9	0.3	0.1
English and literature	37,432	100.0	44.5	45.5	2.2	2.9	1.3	1.0	0.8	1.2	0.5	0.1
Foreign languages	13,722	100.0	39.5	36.8	1.2	0.6	5.7	7.5	1.8	6.4	—	0.4
History	14,574	100.0	70.2	20.2	3.0	2.3	1.3	0.4	1.7	0.4	0.3	—
Philosophy	8,195	100.0	82.1	12.5	1.7	0.2	1.2	0.3	1.5	0.2	0.2	—
Law	8,524	100.0	57.6	30.1	5.4	3.0	1.2	1.0	0.2	1.4	—	—
Natural sciences	101,505	100.0	68.2	17.6	2.6	1.0	1.6	0.4	7.3	1.0	0.2	0.1
Biological sciences	34,289	100.0	67.1	20.8	3.2	1.5	1.1	0.5	4.5	0.9	0.3	0.1
Physical sciences	28,313	100.0	76.7	10.2	2.2	0.3	2.0	0.1	7.7	0.9	—	—
Mathematics	25,325	100.0	61.3	21.6	2.7	1.0	1.7	0.6	9.1	1.2	0.5	0.4
Computer sciences	13,578	100.0	65.8	17.8	2.1	1.3	1.7	0.1	10.3	0.8	—	—
Social sciences	58,232	100.0	64.6	22.7	3.1	3.1	1.9	0.8	2.6	0.7	0.3	0.2
Economics	9,778	100.0	69.8	12.3	3.9	0.3	3.0	1.1	7.8	1.7	—	—
Political science	9,324	100.0	75.0	14.8	3.6	1.9	2.7	0.5	1.1	0.2	0.1	—
Psychology	17,784	100.0	56.9	32.3	2.3	4.3	1.5	0.8	1.1	0.3	0.1	0.2
Sociology	9,511	100.0	67.4	20.6	2.7	3.3	2.3	0.5	1.3	0.8	0.9	—
Other social sciences	11,835	100.0	61.3	25.0	3.4	4.3	0.8	1.1	2.7	0.6	0.3	0.6
Occupationally specific programs	15,268	100.0	75.7	13.8	3.6	0.9	2.9	0.3	1.9	0.2	0.5	0.2
All other programs	27,717	100.0	57.4	30.7	2.8	3.4	2.0	0.6	2.2	0.6	—	0.1
Part-time instructional faculty and staff												
Total	376,675	100.0	48.6	39.8	2.7	2.1	1.8	1.1	1.9	1.4	0.4	0.2
Agriculture and home economics	2,758	100.0	46.9	52.0	—	—	1.1	—	—	—	—	—
Business	34,679	100.0	63.6	25.9	3.3	1.9	2.0	0.7	1.0	1.1	0.2	0.4
Communications	10,307	100.0	43.2	49.9	4.0	0.9	—	0.6	0.5	0.3	0.3	0.1
Education	30,758	100.0	28.9	58.8	2.5	5.5	0.7	1.3	0.4	1.1	0.3	0.6
Teacher education	12,390	100.0	20.0	68.5	2.3	6.6	0.6	0.8	0.5	0.8	—	—
Other education	18,368	100.0	34.9	52.2	2.7	4.8	0.7	1.6	0.3	1.3	0.5	1.0
Engineering	11,632	100.0	79.3	7.2	1.9	—	2.0	—	6.8	0.8	1.9	—
Fine arts	32,814	100.0	46.2	43.1	3.4	1.8	1.3	1.3	0.4	1.9	0.5	0.2
Health sciences	44,763	100.0	36.8	51.4	3.0	2.6	1.0	0.7	2.3	1.7	0.4	0.1
First-professional	17,710	100.0	57.6	27.7	6.1	1.1	0.6	0.3	4.9	1.8	—	—
Nursing	10,498	100.0	5.4	84.0	—	6.6	—	0.9	—	2.4	—	0.6
Other health sciences	16,555	100.0	34.5	56.0	1.7	1.8	2.0	0.9	0.9	1.2	1.1	—
Humanities	60,041	100.0	35.8	51.5	1.1	2.2	2.7	3.1	1.1	1.7	0.3	0.5
English and literature	37,395	100.0	29.4	60.9	0.6	2.9	2.0	1.5	0.6	1.2	0.4	0.6
Foreign languages	10,566	100.0	27.0	44.7	1.1	1.7	5.9	12.1	2.2	4.9	—	0.5
History	7,812	100.0	61.9	30.7	2.9	0.7	1.7	0.2	1.5	—	0.3	—
Philosophy	4,268	100.0	66.3	24.6	2.6	0.3	2.7	—	2.3	1.2	—	—
Law	13,552	100.0	68.2	23.6	3.7	2.7	0.3	0.2	1.3	—	—	—
Natural sciences	60,242	100.0	58.3	29.2	3.1	1.0	2.1	0.4	3.6	1.6	0.7	(¹)
Biological sciences	11,747	100.0	50.3	37.4	3.2	1.1	2.1	0.6	1.8	3.5	—	—
Physical sciences	10,626	100.0	67.6	21.2	1.5	0.4	1.1	0.9	5.5	1.9	—	—
Mathematics	24,559	100.0	52.8	34.5	4.6	0.9	2.4	0.2	3.4	0.7	0.4	0.1
Computer sciences	13,310	100.0	68.2	18.4	1.7	1.4	2.3	0.3	4.0	1.2	2.4	—
Social sciences	33,854	100.0	48.8	38.3	3.7	2.9	1.8	0.9	2.2	0.9	0.4	0.1
Economics	3,038	100.0	69.0	13.8	1.7	1.0	2.7	—	9.1	2.5	—	—
Political science	3,055	100.0	72.4	18.6	4.6	0.4	3.4	0.5	—	—	—	—
Psychology	15,617	100.0	45.6	45.7	2.5	1.5	1.5	0.5	2.0	0.3	0.2	0.3
Sociology	4,384	100.0	33.2	52.5	6.3	4.0	1.2	0.2	1.5	1.0	—	—
Other social sciences	7,760	100.0	47.0	32.8	4.9	7.0	1.7	2.4	1.0	1.9	1.2	—
Occupationally specific programs	16,490	100.0	71.2	18.0	3.5	0.8	5.1	—	1.3	—	0.1	—
All other programs	19,769	100.0	44.7	43.5	1.9	1.5	2.3	1.6	2.4	2.1	—	—

¹ Less than 0.05 percent.
—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

NOTE.—Because of rounding and nonresponse to program area question, details may not add to totals.

Table 230.—Full-time and part-time instructional faculty and staff in institutions of higher education, by selected characteristics and type and control of institution: Fall 1992

Selected characteristics	Number in thousands	Percent total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12
Full-time instructional faculty											
Total (in thousands)	528	—	107	32	53	29	94	39	38	110	26
Percent	—	100.0	20.3	6.1	10.0	5.4	17.9	7.3	7.2	20.8	5.0
Percentage distribution											
Total	—	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sex											
Male	353	66.8	76.7	69.1	69.9	76.4	66.1	64.9	61.1	54.7	70.5
Female	176	33.2	23.3	30.9	30.1	23.6	33.9	35.2	38.9	45.3	29.5
Race											
White, non-Hispanic	457	86.5	88.0	83.7	87.5	84.1	82.7	91.3	90.0	85.5	89.2
Black, non-Hispanic	27	5.2	2.8	5.0	3.1	4.9	9.1	3.5	5.4	6.2	3.7
Hispanic	14	2.6	2.2	2.1	2.5	3.7	2.6	1.6	1.3	4.1	1.4
Asian/Pacific Islander	28	5.2	6.9	9.0	6.1	7.1	5.1	3.3	2.8	3.3	5.2
American Indian/Alaskan Native	3	0.5	0.1	0.2	0.8	0.2	0.5	0.2	0.5	1.0	0.5
Age											
29 or younger	8	1.4	1.0	1.8	1.2	0.6	1.5	1.4	2.1	1.7	2.0
30 to 34	35	6.7	7.2	7.8	8.4	9.2	5.9	7.0	7.0	5.3	5.1
35 to 39	67	12.6	14.3	20.4	14.4	15.4	10.6	10.4	13.9	9.8	10.8
40 to 44	90	17.1	18.1	19.9	17.4	17.9	15.1	16.4	17.4	16.8	16.5
45 to 49	98	18.5	17.0	15.3	16.8	19.7	18.8	18.9	19.7	20.8	17.8
50 to 54	95	18.0	15.9	11.5	17.4	12.8	21.5	16.7	14.7	21.9	18.2
55 to 59	67	12.7	12.8	9.1	11.7	10.0	14.4	12.8	11.9	13.5	14.4
60 to 64	45	8.4	8.9	8.3	8.2	8.0	8.2	11.3	8.5	7.1	9.6
65 or older	24	4.5	4.8	5.9	4.5	6.5	3.9	5.1	4.8	3.2	5.8
Highest degree											
Doctoral	284	54.0	70.8	63.7	62.6	58.2	68.1	60.8	58.4	16.6	40.7
Professional	58	11.1	17.0	24.9	20.1	29.4	4.3	7.7	3.2	2.3	9.7
Master's	156	29.7	10.6	10.2	16.0	10.5	26.4	29.3	35.3	63.9	42.1
Bachelor's	21	4.0	1.6	1.1	1.3	1.9	1.1	2.1	3.1	11.9	6.6
Less than bachelor's	6	1.2	0.1	0.1	(¹)	(¹)	0.2	0.1	(¹)	5.4	0.9
Academic rank											
Full professor	161	30.4	39.8	33.3	31.3	30.5	34.3	26.8	28.7	19.1	27.8
Associate professor	124	23.4	26.4	22.7	26.3	26.8	26.9	29.0	25.3	12.9	23.4
Assistant professor	124	23.5	22.7	27.0	31.2	29.1	26.1	31.9	29.9	11.3	21.8
Instructor	74	14.0	4.0	4.6	7.6	9.1	8.6	8.0	9.2	39.7	12.5
Lecturer	12	2.2	3.9	6.7	1.7	1.8	2.6	1.2	1.6	0.4	0.7
Other	17	3.2	3.2	4.8	1.8	2.6	1.4	1.9	3.7	5.7	2.9
No rank	17	3.2	0.2	1.0	0.2	0.1	0.2	1.3	1.7	11.0	10.9
Base salary											
Under \$10,000	14	2.6	2.0	3.0	2.1	2.7	2.1	2.7	2.5	3.5	3.6
\$10,000 to 24,999	29	5.6	3.6	5.1	4.7	2.8	5.5	5.3	10.0	6.2	10.7
\$25,000 to 39,999	182	34.4	19.5	14.4	29.0	24.5	37.1	44.0	53.5	47.2	36.9
\$40,000 to 54,999	164	31.0	29.4	28.5	29.8	24.9	34.0	32.1	24.6	33.8	35.5
\$55,000 to 69,999	77	14.5	22.7	15.7	17.0	19.8	16.9	10.0	6.0	8.0	6.5
\$70,000 to 84,999	32	6.1	12.1	13.0	9.0	9.9	3.3	3.6	2.2	0.8	4.0
\$85,000 to 99,999	11	2.1	4.4	3.7	2.3	7.7	0.7	1.0	0.6	0.1	1.6
\$100,000 or more	20	3.7	6.5	16.6	6.2	7.7	0.4	1.4	0.5	0.4	1.2

Table 230.—Full-time and part-time instructional faculty and staff in institutions of higher education, by selected characteristics and type and control of institution: Fall 1992—Continued

Selected characteristics	Number in thousands	Percent total	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12
Part-time instructional faculty											
Total (in thousands)	377	—	25	17	21	18	47	37	21	166	24
Percent	—	100.0	6.7	4.6	5.5	4.8	12.5	9.7	5.6	44.2	6.5
Percentage distribution											
Total	—	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sex											
Male	209	55.4	56.8	58.7	55.4	63.1	49.1	56.4	46.6	56.6	56.1
Female	168	44.6	43.3	41.3	44.6	36.9	51.0	43.7	53.4	43.4	44.0
Race											
White, non-Hispanic	333	88.3	87.8	89.5	91.4	87.7	85.0	90.8	89.6	87.9	90.8
Black, non-Hispanic	18	4.8	2.5	4.4	3.3	7.1	7.2	5.0	5.9	4.6	3.2
Hispanic	11	3.0	3.2	2.7	1.6	1.5	3.0	1.1	2.9	4.0	1.1
Asian/Pacific Islander	12	3.2	6.6	3.0	3.3	3.5	4.1	2.5	1.6	2.7	3.8
American Indian/Alaskan Native	2	0.6	(¹)	0.4	0.4	0.2	0.7	0.5	0.1	0.8	1.1
Age											
29 or younger	20	5.4	4.0	2.7	8.3	1.9	7.7	4.0	2.7	6.1	5.0
30 to 34	36	9.5	6.5	18.5	6.5	7.4	10.1	6.9	8.0	10.0	11.7
35 to 39	59	15.6	15.7	13.8	16.8	27.3	15.0	14.6	19.3	14.6	14.5
40 to 44	70	18.6	20.1	11.8	19.4	16.0	17.9	18.4	21.4	19.5	16.1
45 to 49	68	18.0	19.0	19.0	17.1	18.9	16.1	20.9	21.8	17.5	16.7
50 to 54	45	12.0	12.9	12.1	10.5	9.9	11.0	11.8	9.3	12.7	13.4
55 to 59	29	7.6	8.1	11.1	6.2	3.8	10.0	9.3	6.1	7.2	6.3
60 to 64	23	6.1	5.0	8.1	5.4	6.5	5.9	6.5	4.2	6.5	4.9
65 or older	27	7.1	8.9	2.8	10.0	8.4	6.4	7.6	7.2	6.1	11.6
Highest degree											
Doctoral	59	16.0	30.4	26.3	17.5	26.0	19.0	21.5	21.8	8.1	17.6
Professional	40	10.7	18.5	23.7	29.2	34.4	5.2	10.5	3.2	5.1	15.0
Master's	190	51.6	39.1	43.2	41.4	31.5	61.1	58.4	58.7	53.0	50.3
Bachelor's	63	17.0	12.1	6.8	11.7	7.9	14.0	9.3	15.7	24.0	13.3
Less than bachelor's	17	4.7	(¹)	(¹)	0.2	0.2	0.7	0.2	0.6	9.8	3.8
Academic rank											
Full professor	32	8.6	11.6	18.6	9.5	14.0	6.6	15.2	11.5	4.1	15.1
Associate professor	23	6.0	17.3	15.5	13.5	11.6	3.2	6.4	4.7	2.4	7.0
Assistant professor	24	6.4	14.2	12.6	11.6	19.9	4.1	7.5	11.3	2.4	5.8
Instructor	215	57.2	24.7	27.8	40.1	27.4	51.3	43.5	53.6	76.4	52.7
Lecturer	45	12.0	24.2	18.1	12.9	18.9	23.1	17.6	10.4	5.2	7.4
Other	28	7.3	7.8	5.9	10.9	7.3	11.0	7.9	7.8	5.7	7.7
No rank	9	2.5	0.3	1.6	1.4	0.8	0.8	1.9	0.7	3.8	4.3
Base salary											
Under \$10,000	281	74.5	51.8	70.9	65.1	66.3	69.2	79.4	70.0	81.7	72.2
\$10,000 to 24,999	68	18.1	30.8	19.3	21.8	23.3	23.0	16.4	23.1	13.2	19.3
\$25,000 to 39,999	16	4.2	8.8	5.0	8.1	4.2	5.1	2.9	4.4	2.9	4.7
\$40,000 to 54,999	5	1.4	2.6	1.9	2.8	2.2	1.0	0.7	1.1	1.1	2.1
\$55,000 to 69,999	2	0.6	3.5	0.9	0.5	0.5	0.3	0.5	0.1	0.3	(¹)
\$70,000 to 84,999	1	0.3	0.2	(¹)	0.6	1.4	0.2	(¹)	0.1	0.2	0.9
\$85,000 to 99,999	1	0.3	1.7	1.6	0.1	0.2	(¹)	(¹)	0.1	0.1	(¹)
\$100,000 or more	3	0.7	0.6	0.4	1.0	1.9	1.1	0.1	1.1	0.5	0.9

¹ Less than 0.05 percent.
—Data not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

NOTE.—Data may not add to totals because of rounding or missing data.

Table 231.—Full-time and part-time instructional faculty and staff in institutions of higher education, by type and control, academic rank, age, salary, race/ethnicity, and sex: Fall 1992

Selected characteristics	Number	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
			4	5	6	7	8	9	10	11	12	13
1	2	3	4	5	6	7	8	9	10	11	12	13
Full-time instructional faculty and staff												
All institutions	528,260	—	306,477	150,265	14,457	12,941	9,289	4,564	20,858	6,851	1,638	920
Percentage distribution	—	100.0	58.0	28.4	2.7	2.4	1.8	0.9	3.9	1.3	0.3	0.2
Type and control												
Public research	107,358	100.0	67.8	20.2	1.5	1.2	1.6	0.6	5.6	1.3	0.1	0.1
Private research	32,164	100.0	58.0	25.7	3.0	2.0	1.3	0.8	6.6	2.4	0.2	—
Public doctoral	52,808	100.0	61.0	26.5	1.7	1.4	1.8	0.7	4.7	1.4	0.6	0.2
Private doctoral	28,684	100.0	64.8	19.4	3.4	1.5	2.6	1.1	5.6	1.6	0.1	0.1
Public comprehensive	94,477	100.0	55.0	27.7	5.0	4.1	1.8	0.8	4.1	1.0	0.2	0.3
Private comprehensive	38,561	100.0	59.7	31.6	1.7	1.9	1.0	0.6	2.5	0.9	(¹)	0.1
Private liberal arts	38,052	100.0	54.4	35.6	3.7	1.7	0.8	0.5	1.9	0.9	0.3	0.2
Public 2-year	109,957	100.0	47.2	38.3	2.5	3.7	2.5	1.6	1.9	1.4	0.7	0.3
Other	26,200	100.0	63.6	25.5	1.7	2.1	1.1	0.4	3.8	1.4	0.3	0.2
Academic rank												
Full professor	160,559	100.0	75.0	14.7	2.2	1.1	1.5	0.4	4.4	0.4	0.2	0.1
Associate professor	123,708	100.0	62.3	25.2	2.9	2.3	1.5	0.8	3.6	1.0	0.3	0.1
Assistant professor	124,293	100.0	46.8	36.3	2.9	3.2	2.1	1.2	4.9	2.2	0.2	0.2
Instructor	73,897	100.0	43.2	41.3	3.2	4.0	2.2	1.1	2.4	1.8	0.6	0.3
Lecturer	11,869	100.0	28.7	54.5	2.6	3.7	2.0	1.2	3.8	2.5	—	1.1
Other	17,072	100.0	40.3	40.6	4.2	4.8	2.2	1.8	4.1	1.7	0.2	0.1
No rank	16,862	100.0	50.9	39.0	1.3	1.3	1.8	0.9	1.9	1.7	0.9	0.3
Age												
Under 30	7,636	100.0	39.5	39.5	2.4	5.3	2.0	1.9	6.1	3.0	0.3	0.1
30 to 34	35,418	100.0	45.6	33.3	4.1	3.6	3.1	1.2	6.4	2.4	0.2	—
35 to 39	66,757	100.0	49.9	33.9	2.7	2.5	1.8	1.0	5.5	2.1	0.4	0.2
40 to 44	90,175	100.0	51.1	33.3	2.5	3.1	2.1	1.5	4.2	1.6	0.2	0.5
45 to 49	97,705	100.0	56.2	31.5	2.5	2.9	2.0	0.9	2.7	1.2	0.3	0.1
50 to 54	94,852	100.0	63.3	26.2	2.5	1.9	1.3	0.6	3.1	0.8	0.3	0.2
55 to 59	67,332	100.0	67.2	21.2	2.8	1.7	1.3	0.3	4.0	0.8	0.7	0.1
60 to 64	44,609	100.0	70.2	18.2	2.8	1.8	1.3	0.5	4.2	0.8	0.2	0.1
65 or older	23,778	100.0	69.5	20.0	3.9	1.1	1.6	0.7	2.3	0.5	0.1	0.3
Base salary												
Under \$10,000	13,771	100.0	53.2	30.4	7.1	4.9	0.9	0.3	1.9	1.0	0.3	0.1
10,000 to 24,999	29,384	100.0	35.7	50.6	1.8	3.9	1.3	1.3	2.5	2.3	0.1	0.6
25,000 to 39,999	181,830	100.0	45.4	40.7	2.8	3.4	1.8	1.2	2.5	1.6	0.4	0.2
40,000 to 54,999	163,774	100.0	61.8	23.7	2.8	2.1	1.9	1.0	5.1	1.2	0.3	0.1
55,000 to 69,999	76,716	100.0	73.3	15.2	2.4	1.3	2.3	0.4	4.0	0.9	0.2	0.1
70,000 to 84,999	32,096	100.0	78.9	11.2	2.1	0.9	1.7	(¹)	4.5	0.6	0.2	—
85,000 to 99,999	11,068	100.0	71.2	12.7	4.7	0.4	0.7	—	9.6	0.8	—	—
100,000 or more	19,622	100.0	78.5	9.4	1.4	0.6	0.7	0.1	7.1	1.5	0.6	0.2
Total income												
Under \$10,000	6,825	100.0	47.4	39.1	3.0	4.9	0.6	0.5	2.3	1.9	—	0.3
10,000 to 24,999	17,522	100.0	32.5	50.3	3.4	4.6	1.6	1.5	2.8	1.8	0.4	1.0
25,000 to 39,999	129,649	100.0	40.2	46.2	2.6	3.6	1.1	1.3	2.7	1.8	0.2	0.3
40,000 to 54,999	158,575	100.0	55.1	30.2	3.0	2.7	2.2	1.1	3.9	1.3	0.4	0.1
55,000 to 69,999	94,903	100.0	69.6	17.6	2.7	1.9	1.7	0.7	4.4	0.9	0.4	0.2
70,000 to 84,999	49,484	100.0	75.3	13.0	2.1	1.4	1.8	0.4	4.7	1.0	0.3	(¹)
85,000 to 99,999	23,811	100.0	76.4	11.1	4.0	0.6	1.8	0.1	5.3	0.4	0.3	—
100,000 or more	47,490	100.0	77.1	10.9	1.9	0.7	2.3	0.1	5.8	1.0	0.2	0.1

Table 231.—Full-time and part-time instructional faculty and staff in institutions of higher education, by type and control, academic rank, age, salary, race/ethnicity, and sex: Fall 1992—Continued

Selected characteristics	Number	Percent	White, non-Hispanic		Black, non-Hispanic		Hispanic		Asian/Pacific Islander		American Indian/Alaskan Native	
			Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
			4	5	6	7	8	9	10	11	12	13
1	2	3	4	5	6	7	8	9	10	11	12	13
Part-time instructional faculty and staff												
All institutions	376,675	—	182,976	149,814	10,274	7,987	6,965	4,232	7,016	5,135	1,478	797
Percentage distribution	—	100.0	48.6	39.8	2.7	2.1	1.8	1.1	1.9	1.4	0.4	0.2
Type and control												
Public research	25,360	100.0	49.0	38.7	0.8	1.7	2.1	1.1	4.8	1.7	—	—
Private research	17,259	100.0	50.6	39.0	3.3	1.2	2.7	—	1.8	1.2	0.4	—
Public doctoral	20,761	100.0	50.6	40.8	1.7	1.6	1.0	0.5	1.8	1.5	0.2	0.3
Private doctoral	18,014	100.0	54.6	33.1	6.0	1.2	1.3	0.2	1.0	2.5	0.2	—
Public comprehensive	47,056	100.0	40.4	44.6	4.3	2.9	1.1	1.9	2.7	1.4	0.5	0.2
Private comprehensive	36,525	100.0	51.4	39.5	2.1	2.8	0.8	0.3	1.6	0.9	0.4	0.1
Private liberal arts	20,909	100.0	40.5	49.1	3.9	2.0	1.4	1.5	0.8	0.8	0.1	—
Public 2-year	166,335	100.0	49.6	38.3	2.6	2.0	2.6	1.4	1.5	1.2	0.4	0.3
Other	24,454	100.0	52.4	38.4	0.7	2.5	0.6	0.5	1.6	2.2	0.8	0.3
Academic rank												
Full professor	32,269	100.0	63.2	25.0	3.5	1.7	1.7	0.4	2.9	0.7	0.8	0.2
Associate professor	22,518	100.0	59.4	30.1	1.6	1.2	1.5	0.4	3.7	1.3	0.4	0.4
Assistant professor	24,237	100.0	49.1	37.4	5.7	2.5	0.6	0.4	2.4	1.9	—	0.1
Instructor	215,442	100.0	46.1	42.4	2.5	2.2	2.4	1.2	1.4	1.2	0.5	0.2
Lecturer	45,328	100.0	48.5	39.8	2.1	2.0	1.3	1.6	2.5	1.8	0.2	0.2
Other	27,553	100.0	43.7	44.8	3.6	2.3	0.8	1.2	1.2	2.0	—	0.5
No rank	9,328	100.0	42.4	45.9	2.1	2.8	—	2.0	2.9	1.3	0.6	—
Age												
Under 30	20,483	100.0	41.2	46.3	2.1	2.1	1.5	1.9	1.5	2.5	0.3	0.5
30 to 34	35,908	100.0	41.6	44.6	2.0	2.1	2.6	1.5	2.1	2.7	0.5	0.2
35 to 39	58,923	100.0	42.8	43.8	4.1	2.2	2.1	1.0	2.0	1.1	0.6	0.2
40 to 44	70,025	100.0	47.5	41.8	2.2	1.9	1.8	1.4	1.6	1.5	0.2	0.2
45 to 49	67,969	100.0	48.2	41.8	2.1	1.7	1.5	1.3	2.2	1.0	(¹)	0.3
50 to 54	45,093	100.0	49.2	36.5	3.6	2.8	2.2	0.6	2.3	1.6	0.9	0.3
55 to 59	28,764	100.0	55.3	34.6	3.3	1.6	1.4	0.6	2.0	1.0	0.2	—
60 to 64	22,943	100.0	56.2	33.6	2.1	2.3	2.2	0.5	1.2	0.9	1.1	0.1
65 or older	26,565	100.0	65.6	25.4	2.4	2.8	1.1	0.9	1.3	0.4	—	—
Base salary												
Under \$10,000	280,526	100.0	49.6	39.1	2.7	2.3	1.7	1.1	1.6	1.3	0.3	0.2
10,000 to 24,999	68,117	100.0	43.1	44.9	2.2	1.4	2.8	1.3	2.5	1.5	0.3	0.2
25,000 to 39,999	15,840	100.0	49.4	38.1	4.1	2.0	1.6	0.3	2.5	1.2	0.8	—
40,000 to 54,999	5,307	100.0	55.2	32.8	2.1	1.9	1.5	2.7	0.1	1.8	1.9	—
55,000 to 69,999	2,157	—	—	—	3.5	—	0.6	—	22.0	8.6	—	—
70,000 to 84,999	1,127	—	—	—	7.7	4.2	—	—	2.7	—	8.0	—
85,000 to 99,999	942	—	—	—	—	—	—	—	—	—	—	—
100,000 or more	2,657	100.0	46.9	39.0	10.5	0.5	1.2	—	—	2.0	—	—
Total income												
Under \$10,000	70,693	100.0	35.4	52.6	2.3	2.9	1.9	1.3	1.6	1.6	(¹)	0.4
10,000 to 24,999	84,803	100.0	33.2	57.1	1.3	1.8	1.3	1.7	1.3	1.9	0.4	0.1
25,000 to 39,999	74,809	100.0	48.5	39.6	2.5	2.9	2.0	1.2	1.6	1.4	0.2	0.3
40,000 to 54,999	58,057	100.0	55.8	32.1	3.4	1.9	1.5	1.2	1.8	0.7	1.3	0.4
55,000 to 69,999	32,386	100.0	69.3	17.5	3.4	1.6	3.2	0.5	3.0	1.2	0.3	—
70,000 to 84,999	17,199	100.0	69.4	17.8	4.7	0.7	2.9	0.7	2.8	0.5	0.5	—
85,000 to 99,999	8,231	100.0	70.2	18.1	4.7	0.8	4.7	—	1.4	—	—	—
100,000 or more	30,497	100.0	68.9	19.0	4.7	1.5	1.0	—	3.3	1.6	0.1	—

¹ Less than 0.05 percent.
—Data not available or applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

Table 232.—Full-time and part-time instructional faculty and staff in institutions of higher education, by faculty characteristics and field: Fall 1992

Faculty characteristics	Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other and not reported
1	2	3	4	5	6	7	8	9	10	11	12	13
Full-time instructional faculty and staff												
Full-time, in thousands	528	—	11	40	37	24	32	79	74	102	58	62
Percent	—	100.0	2.2	7.7	7.1	4.7	6.1	15.3	14.2	19.5	11.2	11.9
Percentage distribution of full-time faculty												
Total	528	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sex												
Male	353	66.8	75.3	68.9	48.9	93.9	67.0	49.9	58.6	79.9	72.5	69.6
Female	176	33.2	24.7	31.2	51.1	6.1	33.0	50.1	41.4	20.1	27.5	30.4
Race/ethnicity												
White, non-Hispanic	457	86.5	90.8	88.5	84.7	76.6	88.6	85.9	88.1	85.8	87.3	88.1
Black, non-Hispanic	27	5.2	3.9	4.1	9.4	2.8	5.8	5.6	4.2	3.6	6.2	6.0
Hispanic	14	2.6	1.8	1.6	3.3	3.1	2.5	2.3	4.1	1.9	2.8	2.5
Asian/Pacific Islander	28	5.2	2.9	4.8	1.6	16.8	2.7	6.0	3.2	8.3	3.3	2.9
American Indian/ Alaskan Native	3	0.5	0.7	1.0	1.0	0.7	0.5	0.2	0.5	0.3	0.5	0.4
Age												
Under 30	8	1.4	0.4	1.2	1.1	1.3	1.3	1.1	1.7	1.5	0.8	2.4
30 to 34	35	6.7	7.3	6.3	3.5	11.0	6.2	8.4	4.7	6.7	7.3	6.8
35 to 39	67	12.6	9.1	13.5	7.7	13.1	13.1	16.2	9.6	13.9	13.0	12.3
40 to 44	90	17.1	15.7	16.6	17.6	16.9	17.7	21.8	13.4	15.8	16.4	17.9
45 to 49	98	18.5	17.7	20.9	19.7	14.8	18.5	19.2	19.9	17.2	17.9	17.7
50 to 54	95	18.0	18.4	16.2	21.1	12.2	17.2	13.3	21.4	19.3	19.2	18.4
55 to 59	67	12.7	14.4	11.7	14.1	15.0	14.1	9.6	14.7	13.5	12.2	12.4
60 to 64	45	8.4	11.4	7.9	10.5	10.6	7.9	7.6	9.9	7.4	9.2	7.3
65 or older	24	4.5	5.7	5.7	4.7	5.0	4.1	2.8	4.8	4.7	4.1	5.0
Degree												
Less than bachelor's	6	1.2	0.2	0.5	0.3	2.0	0.7	1.2	(¹)	0.2	0.1	6.2
Bachelor's	21	4.0	5.7	4.5	2.9	5.2	5.4	5.8	1.3	2.8	0.7	8.2
Master's	156	29.7	22.0	38.4	30.8	18.7	56.2	30.1	31.7	22.2	19.3	33.6
Professional	58	11.1	4.4	4.5	2.9	2.3	4.3	42.9	2.4	4.5	3.5	17.1
Doctoral	284	54.0	67.8	52.0	63.2	71.8	33.4	20.0	64.6	70.3	76.4	35.0
Rank												
Full professor	161	30.4	41.4	24.7	24.3	36.8	32.0	21.2	33.1	37.0	36.8	26.9
Associate professor	124	23.4	22.6	25.5	29.5	28.0	25.4	23.0	22.4	22.5	24.8	19.3
Assistant professor	124	23.5	19.3	25.6	22.9	22.5	21.4	32.9	19.3	20.7	24.3	23.0
Instructor	74	14.0	10.8	16.7	13.2	10.4	10.3	16.9	14.9	11.7	7.9	21.7
Lecturer	12	2.2	1.0	1.3	2.5	0.9	2.8	2.3	3.9	1.7	1.7	2.7
Other	17	3.2	3.2	2.2	5.5	0.5	3.3	2.5	1.9	2.4	2.0	3.6
No rank	17	3.2	1.7	4.0	1.9	1.0	4.8	1.4	4.7	3.9	2.5	3.0

Table 232.—Full-time and part-time instructional faculty and staff in institutions of higher education, by faculty characteristics and field: Fall 1992—Continued

Faculty characteristics	Number in thousands	All fields	Agriculture and home economics	Business	Education	Engineering	Fine arts	Health	Humanities	Natural sciences	Social sciences	Other and not reported
1	2	3	4	5	6	7	8	9	10	11	12	13
Part-time instructional faculty and staff												
Part-time, in thousands	377	—	3	35	31	12	33	45	60	60	34	60
Percent	—	100.0	0.7	9.3	8.3	3.1	8.8	12.0	16.2	16.2	9.1	16.2
Percentage distribution of part-time faculty												
Total	377	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sex												
Male	209	55.4	48.0	70.0	32.7	92.0	51.7	43.5	41.0	67.8	56.9	63.9
Female	168	44.6	52.0	30.0	67.3	8.0	48.3	56.5	59.0	32.2	43.2	36.1
Race/ethnicity												
White, non-Hispanic	333	88.3	98.9	89.6	87.7	86.5	89.3	88.2	87.4	87.5	87.2	90.2
Black, non-Hispanic	18	4.8	0.0	5.1	8.0	1.9	5.1	5.7	3.3	4.1	6.6	4.6
Hispanic	11	3.0	1.1	2.7	2.0	2.0	2.6	1.6	5.8	2.5	2.7	2.9
Asian/Pacific Islander	12	3.2	(¹)	2.1	1.5	7.6	2.3	4.0	2.8	5.2	3.1	2.3
American Indian/ Alaskan Native	2	0.6	(¹)	0.6	0.9	1.9	0.6	0.5	0.8	0.7	0.5	0.1
Age												
Under 30	20	5.4	8.4	2.2	2.4	7.9	4.3	4.6	6.6	6.8	7.6	5.4
30 to 34	36	9.5	5.9	7.3	3.6	8.9	11.1	11.1	10.6	11.2	8.3	9.7
35 to 39	59	15.6	18.9	13.3	7.3	21.9	18.6	22.8	11.5	13.1	16.2	19.8
40 to 44	70	18.6	22.1	17.1	26.7	16.0	21.0	20.4	15.6	15.2	16.7	21.1
45 to 49	68	18.0	16.2	23.1	18.8	12.8	14.3	14.1	20.6	16.8	16.6	19.8
50 to 54	45	12.0	6.9	15.4	13.3	9.2	10.2	11.1	13.5	13.0	12.8	9.4
55 to 59	29	7.6	7.5	7.7	8.6	6.3	8.7	4.9	8.9	8.4	8.8	6.5
60 to 64	23	6.1	10.0	6.0	8.6	7.2	5.7	2.9	6.1	8.7	6.7	4.1
65 or older	27	7.1	4.2	7.8	10.7	9.9	6.2	8.1	6.7	6.7	6.4	4.3
Degree												
Less than bachelor's	17	4.7	1.8	2.2	0.7	13.4	3.6	9.6	0.3	1.9	0.1	13.0
Bachelor's	63	17.0	30.2	21.3	14.0	27.5	21.8	17.5	7.3	22.2	6.0	21.4
Master's	190	51.6	52.8	59.6	61.3	32.5	66.3	26.4	71.9	53.0	53.3	34.1
Professional	40	10.7	8.6	8.1	0.7	(¹)	1.6	38.2	2.0	4.7	6.2	21.5
Doctoral	59	16.0	6.6	8.8	23.4	26.6	6.7	8.4	18.5	18.2	34.3	9.9
Rank												
Full professor	32	8.6	8.8	8.5	7.4	15.7	9.8	6.7	6.9	6.7	8.5	12.0
Associate professor	23	6.0	11.6	4.6	5.2	5.4	4.2	17.4	3.2	4.3	6.3	4.2
Assistant professor	24	6.4	(¹)	6.4	4.9	7.4	6.9	16.9	3.5	4.3	8.8	3.4
Instructor	215	57.2	55.1	60.2	57.4	50.4	56.3	45.6	60.0	62.5	51.9	61.8
Lecturer	45	12.0	19.9	11.3	10.8	13.0	12.3	6.5	17.5	10.6	16.4	10.0
Other	28	7.3	4.5	6.3	10.8	7.2	6.8	6.0	5.8	8.2	6.7	7.1
No rank	9	2.5	(¹)	2.8	3.6	0.8	3.9	0.9	3.0	3.5	1.4	1.5

¹ Less than 0.05 percent.

—Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

NOTE.—Because of rounding and survey item nonresponse, details may not add to totals.

Table 233.—Average base salaries of full-time instructional faculty and staff in institutions of higher education, by type and control of institution and by field of instruction: 1987–88 and 1992–93

Field of instruction	All institutions	Total public	Total private	Public research	Private research	Public doctoral	Private doctoral	Public comprehensive	Private comprehensive	Private liberal arts	Public 2-year	Other
1	2	3	4	5	6	7	8	9	10	11	12	13
1987–88 salaries in 1992–93 dollars												
Instructional faculty, in thousands	515	356	159	102	42	56	25	97	37	38	96	22
All fields	\$48,381	\$48,826	\$47,386	\$58,118	\$63,669	\$54,028	\$57,215	\$45,342	\$39,564	\$35,462	\$39,847	\$37,698
Agriculture and home economics	48,452	48,713	—	54,431	—	43,501	—	46,934	—	—	—	—
Business	45,243	45,785	44,078	58,218	—	49,161	—	43,413	45,319	—	40,707	35,292
Education	40,498	42,517	33,529	45,861	—	43,315	—	41,766	33,499	29,400	41,133	—
Engineering	52,213	51,412	55,095	61,363	—	53,133	—	50,316	51,481	—	36,794	—
Fine arts	37,840	39,547	34,368	40,297	—	38,155	—	39,367	33,170	34,484	40,216	—
Health	64,860	64,447	65,689	73,454	77,144	71,065	67,278	57,124	47,683	—	37,017	—
Humanities	42,420	44,092	39,867	46,326	48,988	39,327	46,313	44,601	37,089	38,127	43,461	34,783
Natural sciences	47,811	48,399	46,495	57,947	61,731	49,917	46,912	46,684	38,763	37,760	39,692	37,499
Social sciences	46,234	46,506	45,730	52,842	61,043	47,938	—	44,933	38,613	35,728	41,052	—
Other	44,712	44,239	45,834	52,646	—	45,427	—	41,853	35,733	—	37,762	44,331
1992–93												
Instructional faculty, in thousands	478	339	140	89	25	46	23	91	37	37	105	25
All fields	\$46,833	\$46,767	\$46,993	\$56,443	\$63,967	\$51,497	\$56,011	\$43,487	\$43,255	\$37,623	\$39,351	\$40,458
Agriculture and home economics	47,809	48,488	—	54,735	—	44,480	—	43,377	—	—	39,788	—
Business	49,223	49,955	47,318	65,209	—	58,808	54,369	47,739	53,786	32,322	42,017	33,587
Education	42,046	43,259	37,618	49,822	—	42,202	49,254	41,456	37,961	32,419	41,224	—
Engineering	55,569	55,923	54,190	66,781	61,084	53,577	55,040	48,703	45,855	—	38,648	56,036
Fine arts	40,574	39,285	42,526	41,337	86,221	39,379	37,874	39,144	35,812	37,764	37,524	34,100
Health	55,624	54,097	59,720	73,467	73,080	63,839	66,120	38,311	45,678	42,363	35,790	41,900
Humanities	40,972	41,601	39,634	44,018	44,695	39,661	42,928	40,735	41,043	37,667	41,183	36,547
Natural sciences	48,192	47,500	49,933	55,432	67,170	51,691	56,665	45,922	46,666	37,534	39,651	42,143
Social sciences	45,960	46,103	45,667	53,139	59,296	48,709	49,505	43,686	39,838	40,492	40,312	44,389
Other	44,594	43,431	47,030	51,007	65,685	43,777	61,854	45,357	41,722	36,436	37,668	39,199

—Too few sample cases (fewer than 30) for a reliable estimate.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Study of Postsecondary Faculty (NSOPF), 1987–88 and 1992–93. (This table was prepared September 1996.)

NOTE.—Data for 1992–93 differ from other tables because of adjustments to maintain consistency with the 1987–88 data. Because of rounding, details may not add to totals.

Table 234.—Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by academic rank, sex, and by type and control of institution: 1980–81, 1990–91, 1995–96, and 1996–97

Academic year, control, and type of institution	All faculty	Academic rank						Sex	
		Professor	Associate professor	Assistant professor	Instructor	Lecturer	No academic rank	Men	Women
1	2	3	4	5	6	7	8	9	10
1980–81									
All institutions	\$23,302	\$30,753	\$23,214	\$18,901	\$15,178	\$17,301	\$22,334	\$24,499	\$19,996
4-year	23,693	31,016	23,265	18,867	15,056	17,375	17,380	24,909	19,809
University	25,949	33,622	24,392	19,684	15,530	17,327	17,856	27,206	20,736
Other 4-year	22,230	28,798	22,558	18,398	14,887	17,425	17,334	23,271	19,372
2-year	21,898	26,528	22,750	19,166	15,621	16,222	22,615	22,736	20,434
Public institutions	23,745	31,077	23,772	19,431	15,613	17,620	22,820	24,873	20,673
4-year	24,373	31,442	23,898	19,442	15,486	17,712	19,240	25,509	20,608
University	25,571	32,945	24,268	19,637	15,305	17,426	17,358	26,788	20,564
Other 4-year	23,500	30,097	23,639	19,315	15,567	17,997	19,798	24,499	20,633
2-year	22,177	26,880	22,947	19,370	15,928	16,458	22,875	22,965	20,778
Private institutions	22,093	29,994	21,833	17,767	14,192	15,899	15,946	23,493	18,073
4-year	22,325	30,089	21,887	17,816	14,316	15,971	16,706	23,669	18,326
University	26,897	35,227	24,730	19,792	16,197	16,956	18,933	28,251	21,176
Other 4-year	19,996	26,173	20,502	16,939	13,905	14,741	16,617	21,040	17,342
2-year	15,065	18,645	17,685	14,663	12,155	12,441	14,993	16,075	13,892
1990–91									
All institutions	42,165	55,540	41,414	34,434	26,332	30,097	36,395	45,065	35,881
4-year	43,693	56,485	41,811	34,657	25,772	30,209	31,494	46,519	36,574
University	49,430	63,437	44,877	37,838	27,105	31,748	31,533	52,426	39,788
Other 4-year	40,313	51,467	39,994	33,020	25,370	29,009	31,488	42,660	35,135
2-year	36,642	44,916	37,650	32,253	27,933	28,048	36,752	38,465	34,224
Public institutions	42,317	55,371	42,101	35,137	26,907	29,881	36,990	45,084	36,459
4-year	44,510	56,668	42,742	35,520	26,134	29,956	32,349	47,168	37,573
University	47,499	60,536	43,851	36,889	25,647	30,429	30,412	50,405	38,363
Other 4-year	42,499	53,704	41,969	34,680	26,316	29,664	33,507	44,804	37,147
2-year	37,055	45,411	38,051	32,673	28,389	28,780	37,096	38,787	34,720
Private institutions	41,788	55,911	39,983	33,116	24,928	30,864	28,523	45,019	34,359
4-year	42,224	56,127	40,122	33,235	25,159	31,053	31,122	45,319	34,898
University	53,875	69,732	47,405	40,013	31,239	34,444	36,211	56,989	43,273
Other 4-year	36,888	47,405	36,965	30,688	23,973	25,416	30,915	39,162	32,251
2-year	24,088	29,520	26,353	24,587	20,911	—	23,187	25,937	22,585
1995–96									
All institutions	49,309	64,540	47,966	39,696	30,344	34,136	42,996	52,814	42,871
4-year	51,044	65,866	48,432	39,991	29,941	34,082	35,657	54,520	43,702
University	58,173	74,650	51,993	43,838	30,689	35,272	36,818	61,972	48,011
Other 4-year	46,946	59,599	46,356	38,179	29,718	33,140	35,470	49,726	41,773
2-year	43,009	51,454	43,107	36,927	31,421	35,165	43,537	44,944	40,791
Public institutions	48,837	63,189	48,122	40,092	30,581	33,634	43,590	52,163	42,871
4-year	51,172	64,946	48,815	40,562	29,907	33,525	36,829	54,448	43,986
University	55,068	69,924	50,186	42,335	29,186	34,139	35,532	58,648	45,676
Other 4-year	48,566	61,076	47,850	39,544	30,178	33,134	37,266	51,375	43,063
2-year	43,295	51,679	43,389	37,241	31,805	35,244	43,754	45,209	41,086
Private institutions	50,466	67,457	47,654	38,964	29,701	35,792	34,599	54,364	42,871
4-year	50,819	67,598	47,760	39,071	30,002	35,810	35,098	54,649	43,236
University	65,405	84,970	56,517	47,387	35,782	37,516	38,649	69,579	53,717
Other 4-year	44,504	57,089	44,186	36,325	28,993	33,170	34,771	47,126	39,982
2-year	31,915	37,929	33,283	29,887	23,895	—	33,410	33,301	30,671
1996–97¹									
All institutions	50,829	66,659	49,307	40,687	31,193	34,962	44,200	54,465	44,325
4-year	52,618	68,152	49,809	40,987	30,748	34,948	36,701	56,266	45,145
University	60,199	77,464	53,552	45,038	31,304	36,389	38,265	64,242	49,703
Other 4-year	48,276	61,478	47,622	39,126	30,582	33,791	36,508	51,140	43,110
2-year	44,314	52,719	44,092	37,898	32,462	35,215	44,796	46,153	42,236
Public institutions	50,303	65,141	49,470	41,108	31,452	34,294	44,803	53,737	44,306
4-year	52,718	67,121	50,220	41,590	30,740	34,229	37,060	56,162	45,402
University	57,047	72,599	51,835	43,536	30,000	35,243	35,099	60,845	47,389
Other 4-year	49,836	62,846	49,082	40,500	31,025	33,607	37,506	52,744	44,321
2-year	44,584	52,927	44,371	38,232	32,822	35,215	44,998	46,393	42,531
Private institutions	52,112	69,931	48,984	39,907	30,502	37,091	35,915	56,185	44,374
4-year	52,443	70,071	49,090	40,021	30,763	37,091	36,538	56,453	44,726
University	67,457	87,949	57,812	48,591	35,960	38,423	41,779	71,917	55,306
Other 4-year	45,938	59,174	45,515	37,259	29,899	34,735	36,109	48,626	41,432
2-year	32,628	38,687	33,998	30,281	24,189	—	34,079	34,736	30,661

—Data not available.

¹Data are for degree-granting institutions. Survey coverage is slightly wider than data for higher education institutions tabulated for earlier years.

NOTE.—Data for 1990–91 through 1996–97 include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), Faculty Salaries, Tenure, and Fringe Benefits, 1980–81; and Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared February 1998.)

Table 236.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions,¹ by type and control of institution and by state: 1996–97

State or other area	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$50,829	\$50,303	\$52,718	\$57,047	\$49,836	\$44,584	\$52,112	\$52,443	\$67,457	\$45,938	\$32,628
Alabama	42,006	42,843	44,785	48,913	42,219	37,708	37,530	37,701	—	37,701	25,023
Alaska	50,091	50,725	50,657	50,914	50,494	59,281	38,307	38,307	—	38,307	—
Arizona	52,605	52,681	54,206	57,275	45,889	49,601	50,636	50,636	—	50,636	—
Arkansas	39,488	39,915	42,800	48,836	40,820	31,780	37,269	38,059	—	38,059	16,681
California	59,870	59,543	63,276	75,604	60,987	54,529	61,172	61,394	75,175	54,043	36,992
Colorado	50,095	49,784	52,336	58,381	47,221	37,225	52,270	52,270	55,228	48,623	—
Connecticut	61,592	61,598	64,695	70,883	58,855	52,640	61,584	62,293	79,548	55,058	35,069
Delaware	56,948	57,203	59,872	62,295	46,688	43,846	54,483	54,483	—	54,483	—
District of Columbia	59,385	—	—	—	—	—	59,385	59,385	60,978	45,531	—
Florida	47,598	47,576	52,100	57,386	49,010	41,436	47,685	47,718	59,180	43,449	26,720
Georgia	47,193	47,721	49,929	55,990	48,444	37,663	45,767	46,227	69,677	39,794	30,492
Hawaii	52,175	52,488	57,364	58,846	48,142	44,264	48,572	48,572	—	48,572	—
Idaho	44,016	44,179	45,201	49,095	43,360	37,295	43,460	40,100	—	40,100	44,970
Illinois	52,548	50,970	51,532	55,988	47,655	50,034	55,292	55,746	72,650	44,627	28,830
Indiana	48,588	48,299	50,719	53,481	45,021	34,590	49,193	49,429	71,279	43,084	30,265
Iowa	47,191	51,033	57,503	60,581	49,273	36,710	40,880	40,897	51,200	39,593	29,025
Kansas	41,655	43,272	47,067	49,907	40,890	35,437	31,478	31,768	—	31,768	25,910
Kentucky	43,410	45,097	47,773	54,298	43,871	35,627	37,369	37,369	—	37,369	—
Louisiana	44,884	43,530	44,635	52,901	42,521	34,416	51,281	51,340	58,881	38,830	48,630
Maine	45,199	43,882	45,874	49,583	43,866	35,831	48,616	49,255	—	49,255	28,944
Maryland	50,802	49,781	52,144	59,221	48,566	45,594	54,379	54,441	71,669	45,791	25,000
Massachusetts	58,697	51,427	55,611	64,374	52,029	41,536	62,790	63,061	71,789	53,799	35,212
Michigan	54,248	56,393	56,869	63,355	51,451	54,698	43,242	43,459	47,513	42,919	20,074
Minnesota	48,877	50,390	53,763	64,476	48,163	45,176	45,347	45,591	—	45,591	36,638
Mississippi	39,644	40,232	43,302	45,240	42,010	36,257	34,896	35,749	—	35,749	23,554
Missouri	47,063	47,579	49,568	58,603	47,753	40,596	46,023	46,424	62,112	37,842	29,963
Montana	40,589	41,731	43,338	45,089	39,402	31,758	33,714	34,360	—	34,360	26,100
Nebraska	44,701	46,030	49,374	56,249	44,649	34,332	40,574	40,574	47,592	36,828	—
Nevada	51,959	52,050	55,194	58,997	52,647	44,829	37,946	37,946	—	37,946	—
New Hampshire	49,425	47,339	50,127	51,630	47,545	36,029	52,143	52,991	—	52,991	27,236
New Jersey	61,538	61,419	64,359	71,997	61,765	54,694	61,850	61,989	75,071	51,694	25,845
New Mexico	43,322	43,552	47,244	49,782	40,250	32,627	38,532	38,532	—	38,532	—
New York	56,996	55,913	58,051	62,459	57,349	52,120	58,092	58,546	69,356	51,389	29,503
North Carolina	47,462	49,096	51,803	62,388	47,500	32,153	43,687	43,978	61,504	37,234	31,300
North Dakota	36,366	37,103	38,347	39,434	36,099	32,190	31,158	32,623	—	32,623	23,785
Ohio	50,240	51,914	54,747	56,462	48,586	42,722	46,526	46,769	67,470	44,502	29,678
Oklahoma	41,961	42,514	44,841	50,253	40,482	35,991	39,830	40,329	50,222	35,806	25,654
Oregon	44,506	44,212	45,121	47,702	42,250	43,161	45,546	45,546	—	45,546	—
Pennsylvania	55,132	56,029	57,330	62,407	54,469	48,938	54,040	54,457	73,122	48,846	31,440
Rhode Island	54,797	52,382	55,721	60,085	48,226	42,341	56,582	56,582	—	56,582	—
South Carolina	42,246	43,199	48,228	53,983	42,235	32,486	38,030	38,169	—	38,169	31,540
South Dakota	36,482	37,279	37,382	38,107	36,391	26,212	33,685	33,738	—	33,738	28,800
Tennessee	45,532	45,994	49,315	56,243	46,955	35,625	44,488	44,636	67,787	35,955	23,582
Texas	46,434	45,576	48,678	55,528	43,062	39,963	50,117	50,292	59,321	43,378	26,395
Utah	46,735	45,037	47,232	51,683	39,984	36,352	50,704	50,859	51,750	39,229	37,370
Vermont	44,722	46,461	46,461	49,695	38,167	—	43,140	44,403	—	44,403	20,261
Virginia	48,468	49,391	52,734	57,209	49,924	38,940	45,405	45,503	—	45,503	28,018
Washington	46,038	46,051	51,042	54,807	44,925	39,662	45,989	45,989	—	45,989	—
West Virginia	40,929	41,942	42,570	49,056	39,510	33,520	35,534	35,534	—	35,534	—
Wisconsin	49,325	50,747	52,106	63,364	48,066	48,694	43,320	43,320	54,490	40,117	—
Wyoming	39,855	39,855	46,743	46,743	—	33,007	—	—	—	—	—
U.S. Service Schools	61,536	61,536	61,536	—	61,536	—	—	—	—	—	—
Outlying areas	33,163	34,652	34,840	36,820	33,761	33,380	21,412	21,412	—	21,412	—
American Samoa	29,072	29,072	—	—	—	29,072	—	—	—	—	—
Federated States of Micronesia	17,695	17,695	—	—	—	17,695	—	—	—	—	—
Guam	47,679	47,679	51,109	—	51,109	43,155	—	—	—	—	—
Marshall Islands	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas	35,628	35,628	—	—	—	35,628	—	—	—	—	—
Palau	17,743	17,743	—	—	—	17,743	—	—	—	—	—
Puerto Rico	32,030	33,641	33,495	36,820	31,389	36,361	21,412	21,412	—	21,412	—
Virgin Islands	44,976	44,976	44,976	—	44,976	—	—	—	—	—	—

¹ Includes 2-year and 4-year degree-granting institutions that were eligible to participate in title IV federal financial aid programs.
—Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1996–97" survey. (This table was prepared February 1998).

NOTE.—Data include imputations for nonrespondent institutions.

Table 237.—Average salary of full-time instructional faculty on 9-month contracts in institutions of higher education, by type and control of institution and by state: 1995–96

State or other area	All institutions	Public institutions					Private institutions				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year
			Total	University	Other 4-year			Total	University	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$49,309	\$48,837	\$51,172	\$55,068	\$48,566	\$43,295	\$50,466	\$50,819	\$65,405	\$44,504	\$31,915
Alabama	40,505	41,450	43,580	47,854	40,872	36,364	35,431	35,594	—	35,594	24,809
Alaska	49,036	49,646	49,594	49,685	49,531	56,164	37,489	37,489	—	37,489	—
Arizona	50,841	51,255	52,809	55,301	44,966	48,231	39,682	39,682	—	39,682	—
Arkansas	38,782	39,378	41,299	47,001	39,502	31,125	36,037	36,748	—	36,748	16,052
California	57,716	57,320	60,674	70,350	58,876	52,789	59,328	59,716	74,410	52,233	33,405
Colorado	47,874	47,745	50,262	56,009	45,562	35,652	48,763	48,763	53,584	43,665	—
Connecticut	59,253	59,018	61,635	67,363	56,188	51,143	59,524	60,090	77,086	53,141	33,576
Delaware	55,148	55,378	57,693	59,944	45,399	42,950	53,092	53,092	—	53,092	—
District of Columbia	56,994	51,610	51,610	—	51,610	—	57,758	57,758	59,352	44,266	—
Florida	45,677	45,609	50,487	54,649	47,864	39,594	45,944	46,125	57,361	42,076	27,245
Georgia	45,188	45,297	47,318	52,580	46,014	36,167	44,883	45,385	67,915	39,120	29,695
Hawaii	51,470	51,937	56,477	57,741	48,292	44,244	46,540	46,540	—	46,540	—
Idaho	42,271	42,604	43,446	47,733	41,495	36,646	41,196	37,910	—	37,910	42,721
Illinois	51,065	49,527	49,976	53,824	46,548	48,796	53,818	54,091	71,189	43,184	30,610
Indiana	47,351	47,006	49,176	51,805	43,809	34,662	48,101	48,324	68,842	42,239	29,925
Iowa	46,113	49,686	55,947	58,998	47,591	35,726	40,149	40,109	51,045	38,644	45,578
Kansas	41,497	43,372	46,436	48,886	41,003	35,716	30,603	31,003	—	31,003	24,510
Kentucky	41,791	43,418	46,269	52,345	42,650	33,107	35,949	36,106	—	36,106	27,036
Louisiana	40,689	39,037	39,929	46,288	38,298	31,745	48,104	48,133	54,380	37,270	46,619
Maine	43,075	41,823	43,946	47,438	41,987	33,378	46,393	46,966	—	46,966	28,818
Maryland	49,835	48,994	51,395	57,592	48,264	44,772	52,861	52,923	68,457	45,004	24,267
Massachusetts	56,498	48,720	52,530	60,364	49,430	39,963	60,944	61,270	69,753	52,094	35,083
Michigan	52,555	54,677	55,244	61,133	50,274	52,722	41,843	42,067	44,205	41,805	26,714
Minnesota	46,617	47,873	52,284	62,922	46,711	41,664	43,613	43,803	—	43,803	36,427
Mississippi	39,565	40,004	43,367	45,722	41,882	35,808	36,152	37,077	—	37,077	22,701
Missouri	44,993	45,438	47,125	55,872	45,419	39,479	44,113	44,424	58,456	36,649	33,675
Montana	38,784	39,737	41,120	42,742	37,603	30,952	32,029	31,834	—	31,834	34,981
Nebraska	43,443	44,599	48,000	54,734	43,255	33,692	39,726	39,726	46,658	35,985	—
Nevada	49,235	49,338	52,010	55,724	49,758	43,284	29,688	29,688	—	29,688	—
New Hampshire	48,438	46,856	49,817	52,205	45,604	34,956	50,547	51,242	—	51,242	24,508
New Jersey	60,408	60,796	64,539	73,263	61,394	52,283	59,408	59,540	71,701	49,817	39,947
New Mexico	42,565	42,715	46,635	49,071	39,650	31,257	39,443	39,443	—	39,443	—
New York	55,764	55,594	58,182	62,285	57,527	50,933	55,938	56,393	66,589	49,800	29,601
North Carolina	45,065	46,299	48,732	56,948	45,296	30,638	42,206	42,516	60,020	35,977	32,711
North Dakota	35,303	36,104	37,259	37,983	35,580	31,232	29,709	31,298	—	31,298	22,297
Ohio	48,468	50,008	52,784	54,168	47,857	40,886	45,025	45,134	64,920	42,989	24,138
Oklahoma	40,798	41,046	42,958	48,109	38,836	35,038	39,807	40,286	51,464	35,457	25,039
Oregon	44,272	44,002	45,646	47,983	42,832	42,091	45,278	45,278	—	45,278	—
Pennsylvania	53,987	55,481	56,830	60,944	54,526	48,206	52,196	52,742	69,693	47,251	28,934
Rhode Island	52,805	50,493	53,509	57,683	46,702	41,379	54,585	54,585	—	54,585	—
South Carolina	40,820	41,813	46,655	52,582	40,494	31,510	36,544	36,682	—	36,682	30,294
South Dakota	35,982	37,139	37,274	38,096	36,101	24,834	31,858	31,943	—	31,943	24,000
Tennessee	44,431	44,940	48,112	54,072	46,011	34,743	43,278	43,586	66,150	35,055	27,747
Texas	45,164	44,294	46,992	53,063	41,883	39,331	48,938	49,130	58,942	41,439	24,942
Utah	45,437	43,796	45,919	50,097	39,301	35,147	49,268	49,540	50,420	38,275	33,089
Vermont	43,171	45,068	45,068	48,168	37,379	—	41,430	42,640	—	42,640	20,024
Virginia	47,365	48,405	51,675	56,288	48,691	38,142	43,894	44,204	—	44,204	26,614
Washington	45,703	45,774	51,202	54,727	45,381	38,753	45,421	45,421	—	45,421	—
West Virginia	39,793	40,667	41,323	47,507	38,401	31,816	35,038	35,038	—	35,038	—
Wisconsin	48,332	49,578	51,246	62,321	47,325	47,064	42,805	42,805	54,746	39,066	—
Wyoming	39,998	39,998	47,216	47,216	—	32,766	—	—	—	—	—
U.S. Service Schools	61,758	61,758	61,758	—	61,758	—	—	—	—	—	—
Outlying areas	31,663	33,248	33,796	34,217	33,495	31,026	19,633	19,633	—	19,633	—
American Samoa	32,522	32,522	—	—	—	32,522	—	—	—	—	—
Federated States of Micronesia	26,884	26,884	—	—	—	26,884	—	—	—	—	—
Guam	47,021	47,021	51,273	—	51,273	42,964	—	—	—	—	—
Marshall Islands	14,722	14,722	—	—	—	14,722	—	—	—	—	—
Northern Marianas	32,321	32,321	—	—	—	32,321	—	—	—	—	—
Palau	15,143	15,143	—	—	—	15,143	—	—	—	—	—
Puerto Rico	30,321	32,059	32,334	34,217	30,743	29,577	19,633	19,633	—	19,633	—
Virgin Islands	45,452	45,452	45,452	—	45,452	—	—	—	—	—	—

—Data not reported or not applicable.

NOTE.—Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1995–96" survey. (This table was prepared January 1997).

Table 238.—Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions,¹ by type and control of institution and rank of faculty and by state: 1996–97

State or other area	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$72,599	\$51,835	\$43,536	\$62,846	\$49,082	\$40,500	\$87,949	\$57,812	\$48,591	\$59,174	\$45,515	\$37,259
Alabama	64,158	47,267	40,463	54,692	44,005	37,519	—	—	—	49,175	38,723	32,250
Alaska	64,801	55,212	42,008	62,321	51,766	41,529	—	—	—	43,999	41,320	34,617
Arizona	71,484	51,330	43,989	59,834	48,623	39,631	—	—	—	56,029	67,093	34,818
Arkansas	63,795	48,624	42,159	52,574	42,669	36,859	—	—	—	45,366	38,097	32,426
California	91,095	60,378	52,565	69,322	54,177	44,316	93,888	62,303	53,034	68,586	50,189	41,434
Colorado	70,540	52,825	45,245	58,442	46,475	39,201	69,380	52,574	45,530	63,840	46,693	36,589
Connecticut	85,721	63,263	50,072	71,612	56,936	43,458	104,774	57,794	48,592	69,779	51,848	43,391
Delaware	82,337	58,720	47,157	61,375	49,567	41,491	—	—	—	67,059	58,951	37,189
District of Columbia	—	—	—	—	—	—	81,081	54,604	44,940	56,923	45,678	36,637
Florida	68,784	49,539	44,692	62,840	48,490	41,613	78,969	54,050	44,169	56,367	42,454	35,984
Georgia	73,791	52,015	44,752	63,385	50,058	41,113	92,931	58,662	49,729	51,171	41,681	34,420
Hawaii	73,539	54,969	47,110	57,836	46,468	41,486	—	—	—	55,256	47,876	43,486
Idaho	58,137	47,409	41,637	52,364	43,363	38,608	—	—	—	48,062	40,205	34,954
Illinois	73,121	50,784	43,961	59,648	48,217	40,090	94,663	60,655	52,673	55,714	45,330	37,725
Indiana	70,174	50,932	41,862	61,436	46,842	40,142	90,337	62,192	51,322	52,382	42,970	36,061
Iowa	75,140	53,768	45,220	64,145	50,027	42,735	63,918	48,366	40,124	50,397	39,711	33,578
Kansas	62,199	45,949	40,166	52,362	41,630	35,848	—	—	—	37,858	33,034	28,391
Kentucky	68,359	49,405	41,736	55,620	44,964	37,360	—	—	—	47,395	37,734	32,101
Louisiana	70,607	52,243	43,494	56,489	45,104	38,101	73,992	52,249	45,363	47,894	39,822	35,312
Maine	60,026	48,050	39,691	53,082	43,571	35,669	—	—	—	67,524	49,135	37,746
Maryland	76,329	54,023	46,841	63,490	49,832	41,672	88,221	61,840	50,430	57,315	45,824	37,346
Massachusetts	75,034	57,090	45,934	59,686	50,854	40,798	93,987	59,515	51,265	69,502	50,488	42,298
Michigan	79,054	58,403	48,775	62,557	50,672	42,175	59,902	51,050	36,774	51,470	42,747	37,460
Minnesota	76,087	52,770	45,696	56,734	46,118	39,313	—	—	—	57,952	44,870	37,133
Mississippi	59,110	47,079	40,676	53,554	44,391	38,058	—	—	—	46,357	35,466	32,415
Missouri	72,974	54,586	46,778	60,511	48,307	39,465	80,705	54,912	48,918	47,096	39,280	33,745
Montana	54,288	44,449	37,972	48,695	40,173	33,679	—	—	—	41,556	35,441	30,483
Nebraska	73,016	50,605	43,566	55,717	46,709	37,794	70,712	48,884	36,563	44,919	37,278	32,694
Nevada	74,895	55,428	45,061	69,528	53,989	44,269	—	—	—	45,876	38,290	27,608
New Hampshire	63,794	47,621	39,114	57,829	45,043	37,835	—	—	—	70,387	47,034	40,309
New Jersey	91,007	64,184	48,461	78,477	61,261	47,259	100,970	59,109	47,448	63,953	51,853	40,535
New Mexico	63,004	48,162	39,877	51,953	40,870	34,920	—	—	—	42,072	33,046	31,735
New York	78,429	55,743	43,981	70,744	53,964	43,642	87,507	60,115	50,356	66,417	51,349	40,735
North Carolina	79,294	55,394	48,613	60,946	48,423	41,684	79,455	55,780	44,090	46,356	37,701	32,462
North Dakota	49,892	41,318	36,740	46,731	38,471	34,259	—	—	—	42,283	35,202	31,726
Ohio	71,830	52,483	42,636	63,967	49,107	39,404	82,174	59,309	51,029	56,568	43,838	36,294
Oklahoma	63,279	46,424	38,676	49,687	42,303	38,069	69,968	47,919	38,694	48,989	39,398	30,383
Oregon	60,405	46,014	39,507	51,640	40,592	35,780	—	—	—	58,375	44,469	35,179
Pennsylvania	81,139	57,502	45,187	71,306	56,029	44,408	92,520	61,022	51,974	62,730	48,707	39,715
Rhode Island	68,840	51,631	44,032	54,238	47,880	39,535	—	—	—	71,982	51,771	45,032
South Carolina	68,422	50,207	42,245	52,509	43,677	36,923	—	—	—	49,045	37,662	32,153
South Dakota	47,584	39,128	34,428	46,889	38,811	33,324	—	—	—	41,344	35,324	31,156
Tennessee	65,579	51,299	43,418	58,146	45,503	38,092	89,305	59,212	46,166	45,412	36,144	32,393
Texas	72,418	48,720	42,985	55,577	43,991	38,151	78,127	54,650	45,442	55,335	42,932	35,081
Utah	65,870	47,800	40,538	47,910	39,846	36,200	64,766	49,191	42,334	47,935	39,540	34,458
Vermont	64,822	48,988	39,650	45,983	37,666	30,465	—	—	—	57,600	42,070	37,205
Virginia	73,057	52,082	44,719	63,388	49,503	39,985	—	—	—	57,444	44,612	36,374
Washington	68,166	48,701	43,452	53,171	43,553	37,225	—	—	—	58,225	45,257	38,667
West Virginia	60,938	47,969	39,976	47,335	39,052	33,268	—	—	—	42,916	37,659	31,378
Wisconsin	71,625	53,805	47,896	56,712	46,598	39,737	69,887	53,844	43,280	50,112	40,446	35,029
Wyoming	58,176	45,659	40,475	—	—	—	—	—	—	—	—	—
U.S. Service Schools	—	—	—	74,021	57,949	48,942	—	—	—	—	—	—
Outlying areas	44,033	36,577	30,313	40,981	35,663	31,224	—	—	—	15,893	29,069	24,759
American Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	70,312	54,690	43,942	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	44,033	36,577	30,313	38,836	32,555	28,236	—	—	—	15,893	29,069	24,759
Virgin Islands	—	—	—	54,987	45,124	38,777	—	—	—	—	—	—

¹ Includes 4-year degree granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not reported or not applicable.

NOTE.—Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1996–97" survey. (This table was prepared July 1998.)

Table 239.—Average salary of full-time instructional faculty on 9-month contracts in 4-year institutions of higher education, by type and control of institution and rank of faculty and by state: 1995–96

State or other area	Public university			Public other 4-year			Private university			Private other 4-year		
	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor	Professor	Associate professor	Assistant professor
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	\$69,924	\$50,186	\$42,335	\$61,076	\$47,850	\$39,544	\$84,970	\$56,517	\$47,387	\$57,089	\$44,186	\$36,325
Alabama	62,390	46,175	39,248	53,010	42,698	36,375	—	—	—	45,566	37,175	31,028
Alaska	65,161	54,047	43,848	61,135	50,717	41,174	—	—	—	41,498	41,676	34,410
Arizona	68,888	49,492	43,066	58,775	47,539	38,981	—	—	—	47,956	44,806	31,343
Arkansas	61,336	47,575	41,002	50,980	41,391	35,689	—	—	—	43,878	37,204	31,116
California	85,413	56,794	49,216	67,003	51,564	42,685	93,239	61,898	51,850	66,408	49,750	40,383
Colorado	67,322	50,431	43,378	56,309	45,183	38,142	67,217	50,895	44,940	56,859	42,967	33,621
Connecticut	82,383	61,187	47,683	68,680	55,361	42,014	100,780	56,269	47,455	67,060	50,438	42,412
Delaware	78,998	57,324	45,542	60,902	47,905	41,092	—	—	—	63,372	57,739	40,078
District of Columbia	—	—	—	60,588	48,285	39,443	77,980	53,007	43,517	55,920	44,624	36,383
Florida	65,827	46,252	42,734	60,336	46,483	40,759	75,661	53,277	43,032	54,865	41,324	35,065
Georgia	69,549	49,500	41,710	59,802	47,848	39,414	88,656	57,909	48,878	49,438	40,894	33,869
Hawaii	72,025	54,713	47,058	58,252	47,664	42,804	—	—	—	54,152	46,456	41,138
Idaho	55,463	45,181	41,217	49,845	41,736	36,822	—	—	—	45,725	37,299	33,190
Illinois	70,074	49,458	42,042	57,942	46,799	39,292	90,944	59,938	50,859	53,928	43,650	36,943
Indiana	67,151	48,838	40,835	59,107	45,465	39,201	86,818	60,580	49,998	51,722	42,292	35,328
Iowa	72,891	53,185	44,020	62,052	48,729	41,629	63,809	47,234	40,652	48,518	39,040	32,773
Kansas	61,279	45,374	39,387	51,778	41,733	35,815	—	—	—	36,583	32,111	28,159
Kentucky	66,430	47,686	40,938	53,759	43,728	36,265	—	—	—	44,955	36,242	31,722
Louisiana	61,130	44,254	37,898	49,829	40,080	34,664	72,166	53,193	42,826	46,697	38,563	34,696
Maine	58,275	45,694	38,353	51,474	41,513	34,135	—	—	—	65,027	47,161	36,588
Maryland	73,989	52,297	46,196	63,003	49,311	41,577	84,580	58,834	47,902	54,772	44,139	36,306
Massachusetts	70,319	53,098	43,258	56,565	47,801	39,336	90,651	58,456	50,289	67,374	49,051	41,314
Michigan	75,895	56,450	47,456	60,929	49,253	40,987	55,356	44,226	37,182	50,041	41,451	36,109
Minnesota	74,328	51,463	45,611	54,485	44,753	37,897	—	—	—	55,776	43,256	36,024
Mississippi	58,615	46,386	40,649	53,495	43,670	37,733	—	—	—	45,818	37,042	32,997
Missouri	68,773	51,557	45,108	57,140	46,356	38,212	76,800	52,602	45,574	45,663	37,430	32,730
Montana	50,728	41,570	36,430	46,558	37,626	32,732	—	—	—	35,697	31,047	31,518
Nebraska	71,391	49,411	42,735	53,718	44,698	37,161	69,771	48,644	35,633	43,626	36,600	32,035
Nevada	70,672	52,609	42,054	65,586	51,336	42,708	—	—	—	43,691	29,914	13,273
New Hampshire	64,240	48,104	40,127	55,694	44,153	37,049	—	—	—	68,903	45,483	38,183
New Jersey	92,584	65,547	50,285	77,607	61,134	47,872	97,220	58,733	45,208	61,080	49,684	39,914
New Mexico	61,962	47,364	39,341	51,348	40,084	34,460	—	—	—	43,296	36,506	30,930
New York	78,428	55,887	43,915	70,935	54,347	43,701	83,612	58,311	48,607	64,002	49,809	39,691
North Carolina	72,682	51,440	45,144	57,847	46,052	39,827	76,066	54,509	44,586	44,847	36,641	31,727
North Dakota	48,084	39,786	35,827	45,131	36,887	33,415	—	—	—	41,017	34,158	31,044
Ohio	68,621	50,523	41,440	62,596	48,037	38,718	79,893	57,359	49,829	54,807	42,356	35,267
Oklahoma	60,434	44,890	37,858	47,875	40,570	36,880	68,185	49,088	39,205	45,394	38,630	29,639
Oregon	61,149	46,138	40,124	51,820	40,855	35,929	—	—	—	56,483	43,361	35,767
Pennsylvania	79,229	56,381	44,953	71,512	55,784	44,542	89,077	59,000	49,988	60,123	47,137	38,447
Rhode Island	65,870	49,774	43,346	52,979	46,045	38,662	—	—	—	69,683	50,282	43,466
South Carolina	65,998	48,591	41,654	49,727	42,142	35,537	—	—	—	47,102	36,172	31,038
South Dakota	47,974	38,615	35,270	47,079	38,980	32,553	—	—	—	40,347	32,752	30,257
Tennessee	63,839	49,636	42,613	56,843	45,508	37,704	86,111	57,222	45,353	44,141	35,691	31,378
Texas	69,440	46,850	41,170	53,810	43,590	36,831	77,482	53,540	46,490	52,668	41,411	33,416
Utah	63,886	46,098	39,541	48,595	39,511	35,211	63,292	47,942	40,652	46,967	39,284	33,638
Vermont	62,301	47,018	38,208	44,854	36,723	30,548	—	—	—	55,337	41,376	35,455
Virginia	71,669	50,956	43,504	61,642	47,985	39,168	—	—	—	55,891	43,744	35,576
Washington	67,725	48,179	42,880	53,051	43,707	37,650	—	—	—	57,791	45,041	38,287
West Virginia	58,545	46,249	38,084	46,150	38,404	32,697	—	—	—	42,483	36,147	30,821
Wisconsin	70,851	52,938	46,561	56,095	46,069	39,377	71,423	53,621	43,878	49,252	39,352	33,800
Wyoming	58,722	45,679	41,098	—	—	—	—	—	—	—	—	—
U.S. Service Schools	—	—	—	73,712	57,491	52,214	—	—	—	—	—	—
Outlying areas	41,404	34,589	28,640	40,061	35,275	30,408	—	—	—	15,790	23,472	22,720
American Samoa	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	—	—	—	—	—	—	—	—	—	—	—	—
Guam	—	—	—	70,692	57,425	44,197	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	—	—	—	—	—
Palau	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	41,404	34,589	28,640	37,870	31,559	27,202	—	—	—	15,790	23,472	22,720
Virgin Islands	—	—	—	55,827	46,009	39,102	—	—	—	—	—	—

—Data not reported or not applicable.

NOTE.—Data include imputations for nonrespondent institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Salaries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty, 1995–96" survey. (This table was prepared January 1997.)

Table 240.—Full-time instructional faculty with tenure for institutions reporting tenure status, by academic rank, sex, and type and control of institution: 1980–81, 1990–91, 1995–96, and 1996–97

Academic year, type, and control of institution	Percent with tenure, by rank							Percent with tenure, by sex	
	All ranks	Professor	Associate professor	Assistant professor	Instructor	Lecturer	No academic rank	Men	Women
1	2	3	4	5	6	7	8	9	10
1980–81									
All institutions	64.8	95.8	82.9	27.9	9.2	11.9	77.4	70.0	49.7
4-year	62.7	95.8	82.2	24.1	6.6	10.7	24.7	68.3	44.0
University	64.5	96.7	83.7	15.3	5.4	4.3	3.5	70.0	41.0
Other 4-year	61.3	94.9	81.2	29.7	7.1	17.8	32.4	67.0	45.5
2-year	74.5	95.6	89.2	58.9	19.8	34.8	81.1	78.8	66.6
Public institutions	68.0	96.6	85.9	32.5	11.8	14.3	79.4	72.8	54.0
4-year	65.7	96.6	85.3	27.6	8.7	12.8	12.2	71.1	47.5
University	66.0	96.9	86.5	16.8	6.1	4.9	4.5	71.3	42.8
Other 4-year	65.5	96.3	84.4	35.5	10.0	21.4	17.2	70.9	50.2
2-year	75.2	95.9	89.5	59.5	20.3	35.8	81.8	79.3	67.5
Private institutions	55.9	93.8	75.2	17.5	3.0	1.5	43.4	62.2	37.2
4-year	56.0	93.8	75.2	17.4	2.8	1.5	37.5	62.2	37.2
University	60.4	96.3	75.8	11.5	3.5	1.8	0.6	66.3	36.5
Other 4-year	53.6	92.0	74.9	20.2	2.6	1.2	43.4	59.8	37.4
2-year	49.5	84.7	77.3	35.2	8.8	—	52.2	57.3	39.5
1990–91									
All institutions	61.2	95.6	80.8	18.6	6.8	6.9	36.3	67.8	45.3
4-year	61.7	95.7	80.4	15.8	4.1	6.0	19.1	68.6	43.9
University	65.2	97.2	85.4	9.0	3.5	2.1	1.4	71.6	43.6
Other 4-year	59.4	94.6	77.1	19.7	4.3	9.2	30.2	66.3	44.0
2-year	57.1	93.7	85.3	50.7	16.3	26.6	39.8	60.9	51.9
Public institutions	62.9	96.3	83.7	21.7	8.6	8.4	36.6	69.4	47.4
4-year	64.0	96.5	83.5	18.0	5.3	7.3	11.3	70.8	45.9
University	66.3	97.3	88.3	9.7	4.2	2.4	0.4	72.8	44.5
Other 4-year	62.3	95.9	79.9	23.4	5.7	10.6	23.5	69.1	46.7
2-year	57.3	93.7	85.6	51.4	16.7	26.7	39.7	61.0	52.2
Private institutions	56.7	93.9	73.8	11.8	1.5	1.0	33.3	63.7	39.8
4-year	56.8	93.9	73.8	11.6	1.4	1.0	31.2	63.7	39.8
University	62.2	96.9	77.4	7.3	1.4	1.4	6.5	68.5	41.3
Other 4-year	53.9	91.9	72.0	13.5	1.5	0.5	36.3	60.9	39.2
2-year	45.7	90.2	70.9	29.0	4.3	—	49.7	53.1	39.3
1995–96									
All institutions	64.8	96.1	83.3	16.7	7.1	1.3	75.1	71.8	51.0
4-year	63.1	96.3	83.1	13.7	3.9	1.3	21.1	70.8	46.2
University	66.9	97.4	87.9	6.7	2.5	1.0	5.5	74.3	46.3
Other 4-year	60.6	95.4	80.0	17.4	4.3	1.6	29.2	68.3	46.1
2-year	73.7	93.4	85.0	50.0	18.1	—	79.8	78.0	68.3
Public institutions	67.7	97.3	87.1	19.8	9.1	1.4	76.6	74.6	54.3
4-year	65.9	97.7	87.3	15.5	5.2	1.5	12.5	73.8	48.2
University	69.1	98.2	91.4	7.3	3.0	1.1	5.9	76.7	47.9
Other 4-year	63.5	97.3	84.1	20.6	6.1	1.7	16.2	71.3	48.3
2-year	73.8	93.4	85.4	50.7	18.0	—	79.7	78.1	68.5
Private institutions	57.8	93.4	75.2	10.7	1.4	0.9	51.1	65.2	42.9
4-year	57.7	93.4	75.2	10.6	1.1	0.9	32.2	65.1	42.6
University	61.5	95.5	78.8	5.5	1.1	0.9	5.1	68.5	42.7
Other 4-year	55.7	92.0	73.6	12.8	1.1	1.0	45.9	63.1	42.6
2-year	66.9	95.0	59.2	25.1	—	—	80.5	73.0	59.1
1996–97									
All institutions	64.9	96.0	83.2	16.3	7.2	1.5	74.7	71.8	51.6
4-year	63.2	96.2	83.2	13.2	3.8	1.5	22.4	70.9	46.9
University	67.2	97.3	87.9	6.4	3.1	1.3	3.5	74.6	47.4
Other 4-year	60.5	95.4	80.2	16.7	4.1	1.7	30.1	68.1	46.7
2-year	73.7	93.3	83.5	50.7	18.9	—	79.6	77.7	68.9
Public institutions	67.6	97.2	87.0	19.1	9.2	1.4	76.4	74.4	54.8
4-year	65.8	97.7	87.3	14.7	4.9	1.5	14.3	73.6	48.8
University	69.4	98.1	91.5	6.8	3.4	1.2	1.3	76.9	49.1
Other 4-year	63.2	97.2	84.1	19.4	5.5	1.7	19.9	70.9	48.7
2-year	73.9	93.4	83.9	51.3	19.1	—	79.7	77.9	69.2
Private institutions	58.2	93.4	75.3	10.8	1.6	1.6	47.5	65.6	43.5
4-year	58.1	93.4	75.4	10.7	1.6	1.6	32.6	65.6	43.5
University	62.1	95.2	78.5	5.7	2.1	1.5	6.5	69.2	43.4
Other 4-year	56.1	92.2	73.9	12.8	1.4	1.7	42.3	63.4	43.5
2-year	62.3	85.4	54.3	28.9	5.0	—	75.9	70.2	50.1

—Data not available or not applicable.

ries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared July 1998.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Faculty Salaries, Tenure, and Fringe Benefits;" and Integrated Postsecondary Education Data System (IPEDS), "Sala-

Table 241.—Institutions of higher education, by control and type of institution: 1949–50 to 1995–96

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Excluding branch campuses									
1949–50	1,851	1,327	524	641	344	297	1,210	983	227
1950–51	1,852	1,312	540	636	341	295	1,216	971	245
1951–52	1,832	1,326	506	641	350	291	1,191	976	215
1952–53	1,882	1,355	527	639	349	290	1,243	1,006	237
1953–54	1,863	1,345	518	662	369	293	1,201	976	225
1954–55	1,849	1,333	516	648	353	295	1,201	980	221
1955–56	1,850	1,347	503	650	360	290	1,200	987	213
1956–57	1,878	1,355	523	656	359	297	1,222	996	226
1957–58	1,930	1,390	540	666	366	300	1,264	1,024	240
1958–59	1,947	1,394	553	673	366	307	1,274	1,028	246
1959–60	2,004	1,422	582	695	367	328	1,309	1,055	254
1960–61	2,021	1,431	590	700	368	332	1,321	1,063	258
1961–62	2,033	1,443	590	718	374	344	1,315	1,069	246
1962–63	2,093	1,468	625	740	376	364	1,353	1,092	261
1963–64	2,132	1,499	633	760	386	374	1,372	1,113	259
1964–65	2,175	1,521	654	799	393	406	1,376	1,128	248
1965–66	2,230	1,551	679	821	401	420	1,409	1,150	259
1966–67	2,329	1,577	752	880	403	477	1,449	1,174	275
1967–68	2,374	1,588	786	934	414	520	1,440	1,174	266
1968–69	2,483	1,619	864	1,011	417	594	1,472	1,202	270
1969–70	2,525	1,639	886	1,060	426	634	1,465	1,213	252
1970–71	2,556	1,665	891	1,089	435	654	1,467	1,230	237
1971–72	2,606	1,675	931	1,137	440	697	1,469	1,235	234
1972–73	2,665	1,701	964	1,182	449	733	1,483	1,252	231
1973–74	2,720	1,717	1,003	1,200	440	760	1,520	1,277	243
1974–75	2,747	1,744	1,003	1,214	447	767	1,533	1,297	236
1975–76	2,765	1,767	998	1,219	447	772	1,546	1,320	226
1976–77	2,785	1,783	1,002	1,231	452	779	1,554	1,331	223
1977–78	2,826	1,808	1,018	1,241	454	787	1,585	1,354	231
1978–79	2,954	1,843	1,111	1,308	463	845	1,646	1,380	266
1979–80	2,975	1,863	1,112	1,310	464	846	1,665	1,399	266
1980–81	3,056	1,861	1,195	1,334	465	869	1,722	1,396	¹ 326
1981–82	3,083	1,883	1,200	1,340	471	869	1,743	1,412	¹ 331
1982–83	3,111	1,887	1,224	1,336	472	864	1,775	1,415	¹ 360
1983–84	3,117	1,914	1,203	1,325	474	851	1,792	1,440	352
1984–85	3,146	1,911	1,235	1,329	461	868	1,817	1,450	367
1985–86	3,155	1,915	1,240	1,326	461	865	1,829	1,454	375
Including branch campuses									
1974–75	3,004	1,866	1,138	1,433	537	896	1,571	1,329	242
1975–76	3,026	1,898	1,128	1,442	545	897	1,584	1,353	231
1976–77	3,046	1,913	1,133	1,455	550	905	1,591	1,363	228
1977–78	3,095	1,938	1,157	1,473	552	921	1,622	1,386	236
1978–79	3,134	1,941	1,193	1,474	550	924	1,660	1,391	269
1979–80	3,152	1,957	1,195	1,475	549	926	1,677	1,408	269
1980–81	3,231	1,957	1,274	1,497	552	945	1,734	1,405	¹ 329
1981–82	3,253	1,979	1,274	1,498	558	940	1,755	1,421	¹ 334
1982–83	3,280	1,984	1,296	1,493	560	933	1,787	1,424	¹ 363
1983–84	3,284	2,013	1,271	1,481	565	916	1,803	1,448	355
1984–85	3,331	2,025	1,306	1,501	566	935	1,830	1,459	371
1985–86	3,340	2,029	1,311	1,498	566	932	1,842	1,463	379
1986–87 ²	3,406	2,070	1,336	1,533	573	960	1,873	1,497	376
1987–88 ²	3,587	2,135	1,452	1,591	599	992	1,996	1,536	460
1988–89 ²	3,565	2,129	1,436	1,582	598	984	1,983	1,531	452
1989–90 ²	3,535	2,127	1,408	1,563	595	968	1,972	1,532	440
1990–91 ²	3,559	2,141	1,418	1,567	595	972	1,992	1,546	446
1991–92 ²	3,601	2,157	1,444	1,598	599	999	2,003	1,558	445
1992–93 ²	3,638	2,169	1,469	1,624	600	1,024	2,014	1,569	445
1993–94 ²	3,632	2,190	1,442	1,625	604	1,021	2,007	1,586	421
1994–95 ²	3,688	2,215	1,473	1,641	605	1,036	2,047	1,610	437
1995–96 ²	3,706	2,244	1,462	1,655	608	1,047	2,051	1,636	415

¹ Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

² Because of revised survey procedures, data are not entirely comparable with figures for earlier years. The number of branch campuses reporting separately has increased since 1986–87.

NOTE.—Includes those colleges designated as institutions of higher education by the Integrated Postsecondary Education Data System, even if they have a less than 2-year program.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Colleges and Universities*; Higher Education General Information Survey (HEGIS), "Fall Enrollment in Higher Education" and "Institutional Characteristics of Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared September 1996.)

Table 242.—Degree-granting institutions of higher education and branches, by type, control of institution, and state: 1996–97

State or other area	Total	Public, 4-year institutions						Public 2-year	Private 4-year institutions						Private 2-year
		Total	Re-search ¹	Doc-toral ²	Mas-ter ³	Bacca-laure-ate ⁴	Other 4-year ⁵		Total	Re-search ¹	Doc-toral ²	Mas-ter ³	Bacca-laure-ate ⁴	Other 4-year ⁵	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
United States	4,009	614	85	66	278	113	72	1,088	1,653	40	49	291	659	614	654
Alabama	82	18	2	2	13	1	0	34	18	0	0	4	10	4	12
Alaska	7	3	0	1	2	0	0	1	2	0	0	1	1	0	1
Arizona	67	5	2	1	1	0	1	20	20	0	0	2	8	10	22
Arkansas	47	10	1	0	6	2	1	24	10	0	0	1	8	1	3
California	383	32	9	1	19	0	3	108	175	3	9	33	33	97	68
Colorado	69	14	2	3	2	5	2	15	21	0	1	3	8	9	19
Connecticut	42	6	1	0	4	0	1	12	19	1	0	7	6	5	5
Delaware	9	2	1	0	1	0	0	3	4	0	0	2	1	1	0
District of Columbia	17	2	0	0	1	0	1	0	15	3	2	3	1	6	0
Florida	134	10	3	3	3	0	1	28	59	1	2	11	24	21	37
Georgia	102	19	2	1	12	1	3	34	40	1	2	2	21	14	9
Hawaii	20	3	1	0	0	2	0	7	7	0	0	2	1	4	3
Idaho	14	4	1	1	1	1	0	3	4	0	0	0	3	1	3
Illinois	173	12	3	2	7	0	0	49	94	2	3	15	30	44	18
Indiana	96	14	2	3	7	2	0	14	40	1	0	6	22	11	28
Iowa	64	3	2	0	1	0	0	17	37	0	0	5	27	5	7
Kansas	58	10	2	1	4	1	2	23	21	0	0	5	13	3	4
Kentucky	65	8	1	1	6	0	0	14	28	0	0	4	16	8	15
Louisiana	77	14	1	3	9	0	1	43	11	1	0	3	3	4	9
Maine	34	8	0	1	1	5	1	7	13	0	1	1	7	4	6
Maryland	56	13	1	1	9	1	1	20	20	1	0	4	6	9	3
Massachusetts	124	15	1	1	8	2	3	18	80	6	3	12	26	33	11
Michigan	110	15	3	2	10	0	0	29	59	0	2	6	21	30	7
Minnesota	116	12	1	0	6	4	1	46	37	0	1	4	15	17	21
Mississippi	44	9	2	1	3	2	1	22	11	0	0	2	5	4	2
Missouri	109	14	1	3	6	2	2	18	58	2	0	9	19	28	19
Montana	29	6	0	2	3	1	0	13	5	0	0	0	4	1	5
Nebraska	37	7	1	0	4	1	1	9	16	0	0	2	9	5	5
Nevada	13	2	0	1	1	0	0	4	3	0	0	0	1	2	4
New Hampshire	29	5	0	1	2	2	0	7	13	0	2	2	5	4	4
New Jersey	58	14	1	2	7	3	1	19	20	1	2	5	6	6	5
New Mexico	44	6	2	0	3	0	1	20	13	0	0	1	6	6	5
New York	310	42	3	3	19	8	9	47	164	8	9	29	46	72	57
North Carolina	121	16	2	1	9	3	1	58	42	1	1	7	28	5	5
North Dakota	23	6	0	2	1	3	0	9	4	0	0	1	1	2	4
Ohio	178	24	4	6	1	11	2	39	67	1	1	11	32	22	48
Oklahoma	45	14	2	0	6	4	2	15	13	0	1	4	4	4	3
Oregon	51	8	2	1	2	1	2	17	25	0	0	4	10	11	1
Pennsylvania	249	45	3	2	16	21	3	20	100	3	3	19	44	31	84
Rhode Island	12	2	1	0	1	0	0	1	9	1	0	1	3	4	0
South Carolina	60	12	2	0	6	3	1	21	22	0	0	2	17	3	5
South Dakota	27	8	0	1	2	2	3	6	10	0	0	0	8	2	3
Tennessee	83	11	1	3	5	0	2	14	43	1	0	5	25	12	15
Texas	187	40	4	6	22	2	6	67	55	1	3	14	20	17	25
Utah	21	5	2	0	1	2	0	4	4	1	0	2	1	0	8
Vermont	25	5	1	0	2	2	0	1	15	0	0	3	10	2	4
Virginia	92	15	3	3	6	3	0	24	41	0	0	13	20	8	12
Washington	72	8	2	0	5	1	0	32	26	0	0	11	3	12	6
West Virginia	37	13	1	0	1	9	2	5	10	0	0	3	6	1	9
Wisconsin	66	13	2	0	11	0	0	19	30	0	1	5	15	9	4
Wyoming	9	1	1	0	0	0	0	7	0	0	0	0	0	0	1
U.S. Service Schools	12	11	0	0	0	0	11	1	0	0	0	0	0	0	0
Outlying areas	79	14	0	1	4	5	4	12	37	0	0	6	19	12	16
American Samoa	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Guam	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0
Marshall Islands	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Micronesia	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0
Northern Marianas	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Palau	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Puerto Rico	66	11	0	1	1	5	4	2	37	0	0	6	19	12	16
Virgin Islands	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0

¹ Research institutions are committed to graduate education through the doctorate, give high priority to research and receive more than \$15.5 million in federal research funds annually.

² Doctoral institutions offer a full range of baccalaureate programs and are committed to education through the doctorate. They award at least 40 doctoral degrees annually in 5 or more disciplines.

³ Master's institutions offer a full range of baccalaureate programs and are committed to education through the master's degree. They award at least 20 master's degrees per year.

⁴ Baccalaureate institutions primarily emphasize undergraduate education.

⁵ Other specialized 4-year institutions award degrees primarily in single fields of study, such as medicine, business, fine arts, theology and engineering. Also, includes some in-

stitutions which have 4-year programs, but have not reported sufficient data to identify program category.

NOTE.—New institutions which do not have sufficient data to report by detailed level are included under "other 4-year" or 2-year depending on level reported by institution. Data are not comparable with preceding table.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics, 1996–97" survey. (This table was prepared December 1998.)

Table 243.—Institutions of higher education that have closed their doors, by control and type of institution: 1960–61 to 1996–97

Year	All institutions			Public			Private		
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10
Excluding branch campuses: Total, 1960–61 to 1991–92	343	179	164	38	1	37	305	178	127
1960–61	8	1	7	1	—	1	7	1	6
1961–62	2	1	1	—	—	—	2	1	1
1962–63	—	—	—	—	—	—	—	—	—
1963–64	7	1	6	1	—	1	6	1	5
1964–65	8	1	7	4	—	4	4	1	3
1965–66	8	2	6	4	—	4	4	2	2
1966–67	9	2	7	3	—	3	6	2	4
1967–68	14	6	8	—	—	—	14	6	8
1968–69	21	11	10	1	—	1	20	11	9
1969–70	18	8	10	3	—	3	15	8	7
1970–71	32	9	23	9	—	9	23	9	14
1971–72	12	3	9	3	—	3	9	3	6
1972–73	19	12	7	2	—	2	17	12	5
1973–74	18	11	7	—	—	—	18	11	7
1974–75	17	13	4	3	—	3	14	13	1
1975–76	8	6	2	2	1	1	6	5	1
1976–77	8	5	3	—	—	—	8	5	3
1977–78	12	9	3	—	—	—	12	9	3
1978–79	9	4	5	—	—	—	9	4	5
1979–80	6	5	1	—	—	—	6	5	1
1980–81	4	3	1	—	—	—	4	3	1
1981–82	7	6	1	—	—	—	7	6	1
1982–83	7	4	3	—	—	—	7	4	3
1983–84	4	4	—	—	—	—	4	4	—
1984–85	4	4	—	—	—	—	4	4	—
1985–86	10	6	4	1	—	1	9	6	3
1986–87 and 1987–88	25	19	6	1	—	1	24	19	5
1988–89	14	6	8	—	—	—	14	6	8
1989–90	12	6	6	—	—	—	12	6	6
1990–91	10	4	6	—	—	—	10	4	6
1991–92	10	7	3	—	—	—	10	7	3
Including branch campuses: Total, 1969–70 to 1996–97	448	212	236	39	5	34	409	207	202
1969–70	24	10	14	5	1	4	19	9	10
1970–71	35	10	25	11	—	11	24	10	14
1971–72	14	5	9	3	—	3	11	5	6
1972–73	21	12	9	4	—	4	17	12	5
1973–74	20	12	8	1	—	1	19	12	7
1974–75	18	13	5	4	—	4	14	13	1
1975–76	9	7	2	2	1	1	7	6	1
1976–77	9	6	3	—	—	—	9	6	3
1977–78	12	9	3	—	—	—	12	9	3
1978–79	9	4	5	—	—	—	9	4	5
1979–80	6	5	1	—	—	—	6	5	1
1980–81	4	3	1	—	—	—	4	3	1
1981–82	7	6	1	—	—	—	7	6	1
1982–83	7	4	3	—	—	—	7	4	3
1983–84	5	5	—	1	1	—	4	4	—
1984–85	4	4	—	—	—	—	4	4	—
1985–86	12	8	4	1	1	—	11	7	4
1986–87 and 1987–88	26	19	7	1	—	1	25	19	6
1988–89	14	6	8	—	—	—	14	6	8
1989–90	19	8	11	—	—	—	19	8	11
1990–91	18	6	12	—	—	—	18	6	12
1991–92	26	8	18	1	—	1	25	8	17
1992–93	24	6	18	—	—	—	24	6	18
1993–94	38	10	28	1	—	1	37	10	27
1994–95	15	8	7	2	—	2	13	8	5
1995–96	21	8	13	1	1	—	20	7	13
1996–97	31	10	21	1	—	1	30	10	20

—Data not applicable or not available.

NOTE.—This table indicates the year in which the institution closed. Some data revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Education Directory, Higher Education, 1960–61 to 1974–75; Education Directory, Colleges and Universities, 1975–76 to 1983–84; 1982–83 Supplement to the Education Directory, Colleges and Universities*; and Integrated Postsecondary Education Data System, "Institutional Characteristics" surveys, unpublished data. (This table was prepared June 1998.)

Table 244.—Earned degrees conferred by institutions of higher education, by level of degree and sex of student: 1869–70 to 2007–08

Year	Associate degrees			Bachelor's degrees			Master's degrees			First-professional degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1869–70	—	—	—	1,937	1,793	1,378	0	0	0	(2)	(2)	(2)	1	1	0
1879–80	—	—	—	12,896	110,411	12,485	879	868	11	(2)	(2)	(2)	54	51	3
1889–90	—	—	—	15,539	12,857	2,682	1,015	821	194	(2)	(2)	(2)	149	147	2
1899–1900	—	—	—	27,410	22,173	5,237	1,583	1,280	303	(2)	(2)	(2)	382	359	23
1909–10	—	—	—	37,199	28,762	8,437	2,113	1,555	558	(2)	(2)	(2)	443	399	44
1919–20	—	—	—	48,622	131,980	116,642	4,279	2,985	1,294	(2)	(2)	(2)	615	522	93
1929–30	—	—	—	122,484	173,615	148,869	14,969	8,925	6,044	(2)	(2)	(2)	2,299	1,946	353
1939–40	—	—	—	186,500	1109,546	176,954	26,731	16,508	10,223	(2)	(2)	(2)	3,290	2,861	429
1949–50	—	—	—	432,058	1328,841	1103,217	58,183	41,220	16,963	(2)	(2)	(2)	6,420	5,804	616
1959–60	—	—	—	392,440	1254,063	1138,377	74,435	50,898	23,537	(2)	(2)	(2)	9,829	8,801	1,028
1960–61	—	—	—	365,174	224,538	140,636	84,609	57,830	26,779	25,253	24,577	676	10,575	9,463	1,112
1961–62	—	—	—	383,961	230,456	153,505	91,418	62,603	28,815	25,607	24,836	771	11,622	10,377	1,245
1962–63	—	—	—	411,420	241,309	170,111	98,684	67,302	31,382	26,590	25,753	837	12,822	11,448	1,374
1963–64	—	—	—	461,266	265,349	195,917	109,183	73,850	35,333	27,209	26,357	852	14,490	12,955	1,535
1964–65	—	—	—	493,757	282,173	211,584	121,167	81,319	39,848	28,290	27,283	1,007	16,467	14,692	1,775
1965–66	111,607	63,779	47,828	520,115	299,287	220,828	140,602	93,081	47,521	30,124	28,982	1,142	18,237	16,121	2,116
1966–67	139,183	78,356	60,827	558,534	322,711	235,823	157,726	103,109	54,617	31,695	30,401	1,294	20,617	18,163	2,454
1967–68	159,441	90,317	69,124	632,889	357,682	274,607	176,749	113,552	63,197	33,939	32,402	1,537	23,089	20,183	2,906
1968–69	183,279	105,661	77,618	722,845	410,595	318,250	193,756	121,531	72,225	35,114	33,595	1,519	26,158	22,722	3,436
1969–70	206,023	117,432	88,591	792,316	451,097	341,219	208,291	125,624	82,667	34,918	33,077	1,841	29,866	25,890	3,976
1970–71	252,311	144,144	108,167	839,730	475,594	364,136	230,509	138,146	92,363	37,946	35,544	2,402	32,107	27,530	4,577
1971–72	292,014	166,227	125,787	887,273	500,590	386,683	251,633	149,550	102,083	43,411	40,723	2,688	33,363	28,090	5,273
1972–73	316,174	175,413	140,761	922,362	518,191	404,171	263,371	154,468	108,903	50,018	46,489	3,529	34,777	28,571	6,206
1973–74	343,924	188,591	155,333	945,776	527,313	418,463	277,033	157,842	119,191	53,816	48,530	5,286	33,816	27,365	6,451
1974–75	360,171	191,017	169,154	922,933	504,841	418,092	292,450	161,570	130,880	55,916	48,956	6,960	34,083	26,817	7,266
1975–76	391,454	209,996	181,458	925,746	504,925	420,821	311,771	167,248	144,523	62,649	52,892	9,757	34,064	26,267	7,797
1976–77	406,377	210,842	195,535	919,549	495,545	424,004	317,164	167,783	149,381	64,359	52,374	11,985	33,232	25,142	8,090
1977–78	412,246	204,718	207,528	921,204	487,347	433,857	311,620	161,212	150,408	66,581	52,270	14,311	32,131	23,658	8,473
1978–79	402,702	192,091	210,611	921,390	477,344	444,046	301,079	153,370	147,709	68,848	52,652	16,196	32,730	23,541	9,189
1979–80	400,910	183,737	217,173	929,417	473,611	455,806	298,081	150,749	147,332	70,131	52,716	17,415	32,615	22,943	9,672
1980–81	416,377	188,638	227,739	935,140	469,883	465,257	295,739	147,043	148,696	71,956	52,792	19,164	32,958	22,711	10,247
1981–82	434,526	196,944	237,582	952,998	473,364	479,634	295,546	145,532	150,014	72,032	52,223	19,809	32,707	22,224	10,483
1982–83	449,620	203,991	245,629	969,510	479,140	490,370	289,921	144,697	145,224	73,054	51,250	21,804	32,775	21,902	10,873
1983–84	452,240	202,704	249,536	974,309	482,319	491,990	284,263	143,595	140,668	74,468	51,378	23,090	33,209	22,064	11,145
1984–85	454,712	202,932	251,780	979,477	482,528	496,949	286,251	143,390	142,861	75,063	50,455	24,608	32,943	21,700	11,243
1985–86	446,047	196,166	249,881	987,823	485,923	501,900	288,567	143,508	145,059	73,910	49,261	24,649	33,653	21,819	11,834
1986–87	436,304	190,839	245,465	991,264	480,782	510,482	289,349	141,269	148,080	71,617	46,523	25,094	34,041	22,061	11,980
1987–88	435,085	190,047	245,038	994,829	477,203	517,626	299,317	145,163	154,154	70,735	45,484	25,251	34,870	22,615	12,255
1988–89	436,764	186,316	250,448	1,018,755	483,346	535,409	310,621	149,354	161,267	70,856	45,046	25,810	35,720	22,648	13,072
1989–90	455,102	191,195	263,907	1,051,344	491,696	559,648	324,301	153,653	170,648	70,988	43,961	27,027	38,371	24,401	13,970
1990–91	481,720	198,634	283,086	1,094,538	504,045	590,493	337,168	156,482	180,686	71,948	43,846	28,102	39,294	24,756	14,538
1991–92	504,231	207,481	296,750	1,136,553	520,811	615,742	352,838	161,842	190,996	74,146	45,071	29,075	40,659	25,557	15,102
1992–93	514,756	211,964	302,792	1,165,178	532,881	632,297	369,585	169,258	200,327	75,387	45,153	30,234	42,132	26,073	16,059
1993–94	530,632	215,261	315,371	1,169,275	532,422	636,853	387,070	176,085	210,985	75,418	44,707	30,711	43,185	26,552	16,633
1994–95	539,691	218,352	321,339	1,160,134	526,131	634,003	397,629	178,598	219,031	75,800	44,853	30,947	44,446	26,916	17,530
1995–96	555,216	219,514	335,702	1,164,792	522,454	642,338	406,301	179,081	227,220	76,734	44,748	31,986	44,652	26,841	17,811
1996–97 ³	528,000	211,000	317,000	1,166,000	523,000	643,000	402,000	181,000	221,000	79,700	46,000	33,700	44,700	27,100	17,600
1997–98 ³	520,000	209,000	311,000	1,172,000	523,000	649,000	406,000	183,000	223,000	78,400	46,100	32,300	45,200	27,200	18,000
1998–99 ³	528,000	209,000	319,000	1,166,000	510,000	655,000	410,000	185,000	225,000	75,800	43,700	32,000	45,800	27,300	18,500
1999–2000 ³	532,000	208,000	323,000	1,161,000	502,000	659,000	414,000	187,000	227,000	74,000	42,000	32,000	46,400	27,400	19,000
2000–01 ³	543,000	210,000	333,000	1,173,000	506,000	667,000	418,000	189,000	229,000	73,100	41,100	32,000	46,800	27,300	19,500
2001–02 ³	550,000	211,000	339,000	1,195,000	510,000	685,000	422,000	191,000	231,000	72,400	40,500	31,800	47,200	27,200	20,000
2002–03 ³	555,000	212,000	343,000	1,214,000	515,000	699,000	426,000	193,000	233,000	71,900	40,100	31,800	47,600	27,100	20,500
2003–04 ³	559,000	213,000	346,000	1,227,000	519,000	708,000	430,000	195,000	235,000	71,800	39,800	32,000	47,900	27,000	20,900
2004–05 ³	560,000	213,000	347,000	1,235,000	520,000	716,000	434,000	197,000	237,000	72,300	39,900	32,400	48,300	26,900	21,400
2005–06 ³	565,000	214,000	351,000	1,243,000	524,000	719,000	438,000	199,000	239,000	73,100	40,100	33,000	48,700	26,800	21,900
2006–07 ³	572,000	215,000	357,000	1,256,000	527,000	729,000	442,000	201,000	241,000	74,100	40,500	33,600	49,100	26,700	22,400
2007–08 ³	579,000	216,000	363,000	1,270,000	530,000	739,000	446,000	203,000	243,000	75,000	40,800	34,200	49,500	26,600	22,900

¹ Includes first-professional degrees.² First-professional degrees are included with bachelor's degrees.³ Projected.

—Data not available.

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Earned Degrees Conferred; *Projections of Education Statistics to 2008*; Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 245.—Degrees awarded by institutions of higher education, by control, level of degree, and state: 1995–96

State or other area	Public					Private				
	Associate degrees	Bachelor's degrees	First-professional degrees ¹	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	Associate degrees	Bachelor's degrees	First-professional degrees ¹	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)
1	2	3	4	5	6	7	8	9	10	11
United States	454,291	774,070	29,882	227,179	29,516	100,925	390,722	46,852	179,122	15,136
Alabama	7,320	16,758	600	6,023	531	940	3,350	435	450	2
Alaska	890	1,411	0	419	28	71	82	—	55	—
Arizona	6,076	14,049	454	4,860	756	2,070	2,914	—	2,008	—
Arkansas	2,869	7,420	499	1,893	148	105	1,679	—	80	—
California	57,151	82,540	2,093	18,217	2,754	7,831	27,705	6,562	19,871	2,356
Colorado	5,361	16,105	436	4,450	709	3,276	3,334	354	2,403	121
Connecticut	3,860	6,788	312	2,529	239	790	6,613	609	4,186	437
Delaware	987	3,510	0	854	157	195	874	391	396	25
District of Columbia	280	586	68	132	0	109	6,527	2,427	7,127	526
Florida	35,984	32,208	1,002	8,628	1,058	6,520	14,103	1,484	6,684	695
Georgia	7,476	19,830	723	7,025	740	1,986	7,616	1,656	2,215	257
Hawaii	2,201	3,395	122	1,053	186	487	1,344	—	526	10
Idaho	1,275	4,138	157	1,064	94	2,993	351	—	39	—
Illinois	23,776	29,079	1,067	10,026	1,259	3,063	22,464	3,568	14,819	1,314
Indiana	7,469	20,650	955	5,743	997	3,219	9,921	549	1,829	179
Iowa	7,546	9,189	583	2,455	676	841	8,491	1,015	929	32
Kansas	6,604	11,520	604	3,950	470	677	3,089	8	782	—
Kentucky	4,926	11,609	785	3,815	305	1,614	3,071	356	678	96
Louisiana	3,535	14,868	559	3,908	386	723	3,117	969	1,321	133
Maine	1,555	3,245	88	671	47	741	2,374	93	234	—
Maryland	8,129	15,672	706	5,431	578	460	4,270	207	4,376	344
Massachusetts	8,213	12,312	91	3,076	440	4,469	28,413	3,577	19,177	1,936
Michigan	18,449	34,017	1,464	13,577	1,526	3,207	10,355	1,114	2,107	72
Minnesota	8,666	15,074	685	3,896	763	2,847	8,205	812	2,679	274
Mississippi	5,804	8,123	328	2,246	352	105	1,860	117	464	—
Missouri	6,225	15,069	670	4,121	379	3,859	12,237	1,707	6,714	406
Montana	1,027	4,021	75	812	61	305	764	—	40	—
Nebraska	2,816	6,641	376	1,878	282	380	3,248	450	495	3
Nevada	1,274	3,357	55	955	76	151	64	—	31	—
New Hampshire	1,826	3,862	0	748	51	1,401	3,795	184	1,702	59
New Jersey	11,999	18,035	894	4,840	580	1,006	6,537	800	3,580	471
New Mexico	3,172	5,645	192	2,305	305	304	572	—	274	—
New York	39,513	41,950	1,282	13,640	1,400	13,696	53,345	6,356	30,535	2,365
North Carolina	13,032	22,821	710	5,863	789	876	9,940	1,031	1,905	258
North Dakota	1,789	3,910	173	661	79	238	574	—	44	—
Ohio	16,723	32,089	2,022	10,548	1,678	3,902	16,592	1,267	5,375	532
Oklahoma	5,974	12,191	501	3,003	333	135	2,231	198	853	25
Oregon	5,352	9,359	322	2,767	406	362	3,877	635	1,244	70
Pennsylvania	12,204	30,426	1,175	8,483	1,223	10,738	31,327	2,700	11,024	1,032
Rhode Island	1,548	3,208	7	888	82	2,391	5,536	173	1,112	219
South Carolina	5,558	11,504	534	4,041	422	817	3,584	171	415	13
South Dakota	1,606	3,585	126	946	89	368	854	15	116	3
Tennessee	5,814	13,491	691	4,296	492	1,246	7,117	647	1,955	210
Texas	22,605	55,388	2,615	17,074	2,443	3,307	15,316	2,481	5,514	421
Utah	5,885	8,337	225	1,675	318	552	7,213	155	1,406	84
Vermont	689	2,396	94	425	57	781	2,099	—	866	4
Virginia	9,052	23,515	1,210	8,554	1,025	2,039	8,049	667	2,252	36
Washington	18,349	17,395	453	3,868	646	1,000	5,149	478	4,466	44
West Virginia	2,145	7,225	350	2,059	120	667	1,357	—	124	—
Wisconsin	8,330	19,713	515	5,055	845	835	7,223	434	1,645	72
Wyoming	1,758	1,641	78	410	78	230	—	—	—	—
U.S. Service Schools	11,624	3,200	156	1,323	58	—	—	—	—	—
Outlying areas	1,457	6,566	275	755	34	2,321	8,108	472	1,054	48
American Samoa	42	—	—	—	—	—	—	—	—	—
Federated States of Micronesia	156	—	—	—	—	—	—	—	—	—
Guam	44	358	—	47	—	—	—	—	—	—
Marshall Islands	113	—	—	—	—	—	—	—	—	—
Northern Marianas	107	—	—	—	—	—	—	—	—	—
Palau	16	—	—	—	—	—	—	—	—	—
Puerto Rico	925	5,999	275	653	34	2,321	8,108	472	1,054	48
Virgin Islands	54	209	—	55	—	—	—	—	—	—

¹ Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details.
—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared May 1998.)

Table 246.—Earned degrees conferred by institutions of higher education, by level of degree and by state: 1994–95 and 1995–96

State or other area	1994–95					1995–96				
	Associate degrees	Bachelor's degrees	First-professional degrees ¹	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	Associate degrees	Bachelor's degrees	First-professional degrees ¹	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)
1	2	3	4	5	6	7	8	9	10	11
United States	539,691	1,160,134	75,800	397,629	44,446	555,216	1,164,792	76,734	406,301	44,652
Alabama	7,835	19,924	963	5,983	438	8,260	20,108	1,035	6,473	533
Alaska	960	1,526	—	463	19	961	1,493	0	474	28
Arizona	6,809	16,175	445	6,498	787	8,146	16,963	454	6,868	756
Arkansas	2,492	8,623	482	2,041	155	2,974	9,099	499	1,973	148
California	60,503	109,714	8,783	38,065	5,367	64,982	110,245	8,655	38,088	5,110
Colorado	6,984	19,929	833	7,111	788	8,637	19,439	790	6,853	830
Connecticut	4,800	13,972	920	6,419	707	4,650	13,401	921	6,715	676
Delaware	1,141	4,466	418	1,102	169	1,182	4,384	391	1,250	182
District of Columbia	205	7,027	2,467	6,607	474	389	7,113	2,495	7,259	526
Florida	40,733	44,924	2,494	14,793	1,653	42,504	46,311	2,486	15,312	1,753
Georgia	9,143	26,312	2,061	8,644	934	9,462	27,446	2,379	9,240	997
Hawaii	2,387	4,500	160	1,520	166	2,688	4,739	122	1,579	196
Idaho	4,181	4,235	167	1,077	80	4,268	4,489	157	1,103	94
Illinois	27,126	52,270	4,360	23,487	2,850	26,839	51,543	4,635	24,845	2,573
Indiana	10,063	30,253	1,485	7,597	1,152	10,688	30,571	1,504	7,572	1,176
Iowa	8,191	17,421	1,535	3,478	686	8,387	17,680	1,598	3,384	708
Kansas	6,961	14,594	591	4,350	450	7,281	14,609	612	4,732	470
Kentucky	6,446	14,570	1,127	4,219	397	6,540	14,680	1,141	4,493	401
Louisiana	3,369	17,920	1,680	5,346	499	4,258	17,985	1,528	5,229	519
Maine	2,445	5,893	180	953	42	2,296	5,619	181	905	47
Maryland	8,632	19,908	1,001	8,991	877	8,589	19,942	913	9,807	922
Massachusetts	12,808	40,279	3,656	21,276	2,283	12,682	40,725	3,668	22,253	2,376
Michigan	22,696	44,317	2,496	15,460	1,548	21,656	44,372	2,578	15,684	1,598
Minnesota	12,216	24,068	1,538	5,760	889	11,513	23,279	1,497	6,575	1,037
Mississippi	5,519	10,335	492	2,621	399	5,909	9,983	445	2,710	352
Missouri	8,928	27,931	2,296	10,355	719	10,084	27,306	2,377	10,835	785
Montana	1,329	4,354	78	857	66	1,332	4,785	75	852	61
Nebraska	3,365	10,105	825	2,252	255	3,196	9,889	826	2,373	285
Nevada	1,411	3,371	54	897	77	1,425	3,421	55	986	76
New Hampshire	3,530	7,395	193	2,262	112	3,227	7,657	184	2,450	110
New Jersey	12,855	24,627	1,670	8,261	1,053	13,005	24,572	1,694	8,420	1,051
New Mexico	3,277	6,363	172	2,438	285	3,476	6,217	192	2,579	305
New York	54,671	93,549	7,636	44,726	3,974	53,209	95,295	7,638	44,175	3,765
North Carolina	14,107	32,321	1,696	7,430	1,022	13,908	32,761	1,741	7,768	1,047
North Dakota	1,738	4,440	187	628	84	2,027	4,484	173	705	79
Ohio	20,183	49,588	3,069	15,387	2,191	20,625	48,681	3,289	15,923	2,210
Oklahoma	7,011	15,307	955	4,928	414	6,109	14,422	699	3,856	358
Oregon	5,813	12,917	904	3,914	493	5,714	13,236	957	4,011	476
Pennsylvania	20,569	63,027	3,942	19,637	2,402	22,942	61,753	3,875	19,507	2,255
Rhode Island	3,890	8,978	76	2,041	295	3,939	8,744	180	2,000	301
South Carolina	6,165	15,176	614	4,525	391	6,375	15,088	705	4,456	435
South Dakota	834	4,293	137	1,007	63	1,974	4,439	141	1,062	92
Tennessee	6,721	20,463	1,436	6,193	665	7,060	20,608	1,338	6,251	702
Texas	25,800	70,048	4,775	22,740	2,727	25,912	70,704	5,096	22,588	2,864
Utah	5,812	14,541	373	3,045	358	6,437	15,550	380	3,081	402
Vermont	1,311	4,591	90	1,091	54	1,470	4,495	94	1,291	61
Virginia	10,882	31,106	1,817	10,706	1,077	11,091	31,564	1,877	10,806	1,061
Washington	19,102	21,828	909	7,947	687	19,349	22,544	931	8,334	690
West Virginia	2,840	8,656	358	2,268	159	2,812	8,582	350	2,183	120
Wisconsin	9,262	26,943	977	6,446	907	9,165	26,936	949	6,700	917
Wyoming	1,663	1,777	70	396	63	1,988	1,641	78	410	78
U.S. Service Schools	11,977	3,284	157	1,391	44	11,624	3,200	156	1,323	58
Outlying areas	4,403	14,302	657	1,799	67	3,778	14,674	747	1,809	82
American Samoa	419	—	—	—	—	42	—	—	—	—
Federated States of Micronesia	163	—	—	—	—	156	—	—	—	—
Guam	48	295	—	45	—	44	358	—	47	—
Marshall Islands	40	—	—	—	—	113	—	—	—	—
Northern Marianas	180	—	—	—	—	107	—	—	—	—
Palau	21	—	—	—	—	16	—	—	—	—
Puerto Rico	3,476	13,812	657	1,690	67	3,246	14,107	747	1,707	82
Virgin Islands	56	195	—	64	—	54	209	—	55	—

¹ Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training). See Definitions for details.
—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared May 1998.)

Table 247.—Associate degrees conferred by institutions of higher education, by sex of student and field of study: 1989–90 to 1993–94

Field of study	Total					Women				
	1989–90	1990–91	1991–92	1992–93	1993–94	1989–90	1990–91	1991–92	1992–93	1993–94
1	2	3	4	5	6	7	8	9	10	11
Total	455,102	481,720	504,231	514,756	530,632	263,907	283,086	296,750	302,792	315,371
Agriculture and natural resources, total	4,832	4,910	5,251	5,398	5,636	1,600	1,588	1,675	1,648	1,814
Agricultural business and production	2,894	2,905	3,046	3,222	3,434	930	962	1,011	1,018	1,081
Agricultural sciences	925	879	951	837	871	507	444	432	372	388
Conservation and renewable natural resources	1,013	1,126	1,254	1,339	1,331	163	182	232	258	345
Architecture and related programs	2,013	2,031	443	372	353	1,745	1,741	337	253	238
Area, ethnic, and cultural studies	68	19	29	33	75	56	13	20	23	50
Biological/life sciences	1,023	1,119	1,361	1,435	1,771	593	667	797	847	1,064
Business management and administrative services	92,390	89,537	93,762	91,719	92,284	63,163	62,109	65,459	63,364	64,857
Accounting	14,858	14,577	15,687	15,115	15,307	11,275	11,111	11,888	11,587	11,867
Business, general	11,878	11,618	11,823	11,190	11,452	7,095	7,188	7,293	7,046	7,237
Business administration and management	28,292	26,625	31,185	29,556	29,691	16,753	15,863	18,902	17,932	18,090
Business and management, other	11,691	11,663	11,089	12,285	11,114	6,480	6,655	6,769	6,645	6,493
Business data processing	8,532	8,182	6,394	6,405	6,883	4,733	4,775	3,679	3,693	3,853
Secretarial and related programs	17,139	16,872	17,584	17,168	17,837	16,827	16,517	16,928	16,461	17,317
Communications	1,657	1,847	1,886	1,904	2,052	910	966	996	959	1,099
Communications technologies	2,027	2,032	1,794	1,828	2,469	678	681	649	632	834
Computer and information sciences	7,574	7,677	9,290	9,196	9,301	3,768	3,770	4,725	4,655	4,677
Construction trades	1,765	1,793	1,560	1,653	1,695	68	78	69	72	77
Consumer and personal services	2,121	2,494	4,420	4,692	5,175	843	887	1,519	1,572	1,691
Education	8,061	7,842	10,267	9,315	9,271	5,731	5,640	6,559	6,284	6,319
Engineering	2,345	2,451	2,685	2,478	2,445	279	268	344	309	300
Engineering-related technologies	40,033	37,890	35,861	36,321	35,618	4,006	3,724	3,757	3,690	3,799
English language and literature/letters	527	426	1,019	1,320	1,289	358	302	671	851	822
Foreign languages and literatures	329	327	433	511	492	251	210	305	358	345
Health professions and related sciences	64,113	70,833	79,453	86,237	94,601	56,125	61,495	68,648	73,266	79,449
Dental assisting	3,697	3,810	4,013	4,165	4,259	3,502	3,612	3,822	3,929	3,977
Emergency medical technician-ambulance and paramedic	332	371	378	442	510	100	116	114	139	155
Medical lab technician	1,627	1,731	1,874	2,172	2,570	1,284	1,311	1,425	1,601	1,905
Medical assisting	1,404	1,496	1,960	2,130	2,785	1,375	1,451	1,741	1,907	2,672
Nursing assisting	0	5	19	86	6	0	4	13	70	5
Practical nursing	589	797	795	890	740	535	692	742	804	672
Nursing, R.N. and other	40,212	45,317	51,193	54,085	57,405	36,915	41,261	46,217	48,289	50,740
Health sciences, other	16,252	17,306	19,221	22,267	26,326	12,414	13,048	14,574	16,527	19,323
Home economics and vocational home economics	7,798	8,067	6,436	6,914	7,463	6,080	6,243	5,749	6,259	6,821
Law and legal studies	4,552	5,484	7,053	8,028	8,681	3,967	4,892	6,146	7,069	7,652
Liberal arts and sciences, general studies, and humanities	133,466	142,722	154,594	158,040	165,106	78,768	84,977	91,777	94,173	99,025
Library science	107	111	103	85	118	95	102	85	76	102
Marketing operations/marketing and distribution	14,015	12,713	8,465	7,445	6,736	10,829	9,510	6,494	5,646	5,049
Mathematics	756	670	744	743	704	270	264	280	315	309
Mechanics and repairers	7,704	7,640	10,264	10,966	11,332	431	445	671	686	738
Multi/interdisciplinary studies	8,176	7,454	7,841	8,486	8,436	4,156	3,998	4,059	4,411	4,382
Parks, recreation, leisure, and fitness studies	485	425	620	717	755	200	177	251	288	301
Philosophy and religion	93	89	60	111	82	34	28	17	35	36
Physical sciences	2,021	2,091	2,066	2,241	2,546	811	901	861	945	1,069
Physical sciences, other	1,279	1,281	1,228	1,390	1,567	539	562	522	598	671
Science technologies	742	810	838	851	979	272	339	339	347	398
Precision production trades	8,616	9,093	9,005	9,204	9,357	1,898	1,975	1,872	1,811	1,846
Protective services	12,855	13,564	15,117	16,834	18,199	3,402	3,599	3,876	4,545	5,131
Criminal justice and corrections	10,658	11,358	12,649	14,295	15,262	3,137	3,367	3,628	4,265	4,823
Fire control and safety	1,621	1,634	1,989	2,020	2,243	91	92	116	137	132
Protective services, other	576	572	479	519	694	174	140	132	143	176
Psychology	1,115	997	1,209	1,237	1,377	829	740	871	955	1,040
Public administration and services	2,613	2,779	3,162	3,301	3,696	2,076	2,243	2,523	2,653	2,938
R.O.T.C. and military technologies	129	85	172	52	265	15	8	16	8	20
Social sciences and history	2,872	2,505	3,160	3,930	3,936	1,611	1,494	1,760	2,252	2,400
Theological studies/religious vocations	653	578	496	508	641	264	243	216	227	299
Transportation and material moving workers	2,619	2,609	2,418	2,210	1,922	395	469	440	360	320
Visual and performing arts	8,740	9,126	11,888	12,690	13,227	5,327	5,362	7,085	7,606	7,731
Fine arts, general	1,150	1,166	1,159	1,346	1,473	729	766	767	886	907
Design and music	5,900	5,986	9,142	9,699	10,173	3,588	3,499	5,536	5,866	6,040
Visual and performing arts, other	1,690	1,974	1,587	1,645	1,581	1,010	1,097	782	854	784
Not classified by field of study	4,839	19,690	9,844	6,602	1,526	2,275	11,277	5,171	3,689	727

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 248.—Associate degrees and other subbaccalaureate awards conferred by institutions of higher education, by length of curriculum, sex of student, and field of study: 1995–96

Field of study	Less than 1-year awards			1- to less than 4-year awards			Associate degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Total	100,888	47,358	53,530	139,688	55,878	83,810	555,216	219,514	335,702
Agriculture and natural resources, total	1,749	1,327	422	1,874	1,325	549	6,182	4,218	1,964
Agricultural business and production	1,471	1,151	320	1,677	1,186	491	3,846	2,574	1,272
Agricultural sciences	241	145	96	60	43	17	877	476	401
Conservation and renewable natural resources	37	31	6	137	96	41	1,459	1,168	291
Architecture and related programs	2	0	2	10	1	9	256	40	216
Area, ethnic, and cultural studies	180	43	137	133	19	114	111	28	83
Biological/life sciences	79	55	24	529	324	205	2,037	817	1,220
Business management and administrative services	15,411	4,401	11,010	26,509	4,126	22,383	93,487	25,932	67,555
Accounting	1,325	278	1,047	4,175	754	3,421	15,926	3,375	12,551
Business, general	580	301	279	998	321	677	11,397	4,105	7,292
Business administration and management	1,535	620	915	2,724	976	1,748	28,901	10,695	18,206
Business and management, other	2,539	1,400	1,139	2,404	747	1,657	9,950	3,696	6,254
Business data processing	2,560	1,006	1,554	2,203	765	1,438	7,381	3,411	3,970
Secretarial and related programs	6,872	796	6,076	14,005	563	13,442	19,932	650	19,282
Communications	414	208	206	188	113	75	2,187	1,077	1,110
Communications technologies	91	54	37	369	204	165	1,757	1,169	588
Computer and information sciences	4,349	2,309	2,040	3,570	1,702	1,868	9,658	4,954	4,704
Construction trades	4,212	3,983	229	4,021	3,821	200	2,141	2,035	106
Consumer and personal services	1,615	375	1,240	6,460	1,696	4,764	7,721	4,967	2,754
Education	569	146	423	677	50	627	9,750	3,109	6,641
Engineering	102	85	17	145	124	21	2,197	1,914	283
Engineering-related technologies	2,479	2,075	404	8,180	7,175	1,005	33,002	28,871	4,131
English language and literature/letters	128	42	86	37	11	26	1,310	471	839
Foreign languages and literatures	419	155	264	29	7	22	607	163	444
Health professions and related sciences	33,993	8,100	25,893	45,185	6,548	38,637	101,872	17,295	84,577
Dental assisting	1,268	112	1,156	3,810	188	3,622	4,564	290	4,274
Emergency medical technician-ambulance and paramedic	7,062	4,479	2,583	1,668	1,159	509	889	630	259
Medical lab technician	103	19	84	96	22	74	2,982	776	2,206
Medical assisting	4,209	480	3,729	6,367	290	6,077	4,941	203	4,738
Nursing assisting	10,529	1,059	9,470	280	26	254	7	0	7
Practical nursing	595	85	510	20,769	2,261	18,508	605	55	550
Nursing, R.N. and other	2,536	260	2,276	2,248	265	1,983	56,562	7,307	49,255
Health sciences, other	7,691	1,606	6,085	9,947	2,337	7,610	31,322	8,034	23,288
Home economics and vocational home economics	4,144	1,267	2,877	4,295	416	3,879	8,192	757	7,435
Law and legal studies	850	143	707	2,006	287	1,719	9,106	1,119	7,987
Liberal arts and sciences, general studies, and humanities	152	66	86	481	141	340	174,970	67,994	106,976
Library science	117	10	107	57	8	49	94	13	81
Marketing operations/marketing and distribution	2,388	754	1,634	1,624	407	1,217	5,960	1,424	4,536
Mathematics	1	1	0	1	1	0	758	463	295
Mechanics and repairers	4,614	4,292	322	15,624	14,870	754	12,524	11,723	801
Multi/interdisciplinary studies	439	69	370	134	74	60	8,611	4,212	4,399
Parks, recreation, leisure, and fitness studies	95	34	61	130	52	78	936	545	391
Philosophy and religion	67	25	42	19	13	6	83	45	38
Physical sciences	86	39	47	81	51	30	2,612	1,458	1,154
Physical sciences, other	26	11	15	17	13	4	1,749	961	788
Science technologies	60	28	32	64	38	26	863	497	366
Precision production trades	4,009	3,285	724	8,104	6,711	1,393	10,217	8,119	2,098
Protective services	10,156	7,954	2,202	2,821	2,008	813	19,196	13,427	5,769
Criminal justice and corrections	8,277	6,279	1,998	2,222	1,489	733	15,990	10,610	5,380
Fire control and safety	1,844	1,643	201	489	448	41	2,523	2,357	166
Protective services, other	35	32	3	110	71	39	683	460	223
Psychology	24	6	18	52	13	39	1,583	406	1,177
Public administration and services	544	183	361	548	129	419	4,218	765	3,453
R.O.T.C. and military technologies	0	0	0	0	0	0	556	514	42
Social sciences and history	22	10	12	29	9	20	4,021	1,488	2,533
Theological studies/religious vocations	82	35	47	542	293	249	608	314	294
Transportation and material moving workers	6,180	5,354	826	749	629	120	1,571	1,325	246
Visual and performing arts	831	399	432	3,861	2,285	1,576	13,534	5,806	7,728
Fine arts, general	46	3	43	129	62	67	1,515	569	946
Design and music	437	211	226	2,863	1,548	1,315	10,579	4,524	6,055
Visual and performing arts, other	348	185	163	869	675	194	1,440	713	727
Not classified by field of study	295	74	221	614	235	379	1,591	537	1,054

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared May 1998.)

Table 249.—Associate degrees and other subbaccalaureate awards conferred by institutions of higher education, by length of curriculum, sex of student, and field of study: 1994–95

Field of study	Less than 1-year awards			1- to less than 4-year awards			Associate degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Total	85,195	42,636	42,559	152,037	62,646	89,391	539,691	218,352	321,339
Agriculture and natural resources, total	1,705	1,320	385	4,067	2,242	1,825	5,730	4,001	1,729
Agricultural business and production	1,311	997	314	1,344	913	431	3,564	2,458	1,106
Agricultural sciences	334	274	60	1,548	427	1,121	829	465	364
Conservation and renewable natural resources	60	49	11	1,175	902	273	1,337	1,078	259
Architecture and related programs	15	4	11	10	2	8	277	70	207
Area, ethnic, and cultural studies	118	28	90	136	10	126	68	17	51
Biological/life sciences	297	152	145	62	32	30	1,879	752	1,127
Business management and administrative services	12,446	3,451	8,995	27,005	4,835	22,170	90,113	26,629	63,484
Accounting	1,019	215	804	4,470	796	3,674	14,970	3,313	11,657
Business, general	447	209	238	906	318	588	11,622	4,368	7,254
Business administration and management	1,687	674	1,013	2,367	834	1,533	28,968	11,076	17,892
Business and management, other	1,913	832	1,081	3,336	1,429	1,907	10,233	4,072	6,161
Business data processing	1,401	508	893	2,067	696	1,371	6,962	3,275	3,687
Secretarial and related programs	5,979	1,013	4,966	13,859	762	13,097	17,358	525	16,833
Communications	1,712	1,182	530	348	134	214	3,160	1,624	1,536
Communications technologies	90	63	27	327	198	129	1,984	1,298	686
Computer and information sciences	2,154	1,120	1,034	5,295	2,473	2,822	9,152	4,743	4,409
Construction trades	2,310	2,133	177	4,582	4,328	254	1,728	1,598	130
Consumer and personal services	1,518	425	1,093	6,120	1,371	4,749	5,626	3,747	1,879
Education	355	37	318	1,461	152	1,309	9,658	3,058	6,600
Engineering	209	181	28	309	293	16	2,232	1,931	301
Engineering-related technologies	2,050	1,618	432	7,491	6,638	853	34,732	30,820	3,912
English language and literature/letters	98	28	70	50	14	36	1,548	505	1,043
Foreign languages and literatures	248	86	162	196	118	78	616	177	439
Health professions and related sciences	25,428	6,785	18,643	42,467	6,590	35,877	98,474	16,530	81,944
Dental assisting	298	14	284	2,673	92	2,581	4,312	282	4,030
Emergency medical technician-ambulance and paramedic	6,215	4,022	2,193	1,619	1,149	470	771	536	235
Medical lab technician	98	13	85	154	59	95	2,769	742	2,027
Medical assisting	1,069	97	972	3,886	115	3,771	3,544	135	3,409
Nursing assisting	8,794	1,019	7,775	187	19	168	2	0	2
Practical nursing	571	57	514	19,976	2,287	17,689	772	86	686
Nursing, R.N. and other	2,156	251	1,905	2,897	364	2,533	57,456	7,142	50,314
Health sciences, other	6,227	1,312	4,915	11,075	2,505	8,570	28,848	7,607	21,241
Home economics and vocational home economics	5,218	2,129	3,089	8,582	1,638	6,944	7,821	815	7,006
Law and legal studies	902	130	772	1,686	281	1,405	9,140	1,163	7,977
Liberal arts and sciences, general studies, and humanities	334	249	85	1,273	423	850	170,817	67,834	102,983
Library science	73	5	68	53	8	45	101	9	92
Marketing operations/marketing and distribution	2,152	710	1,442	2,444	579	1,865	6,187	1,526	4,661
Mathematics	5	4	1	1	0	1	782	438	344
Mechanics and repairers	4,850	4,355	495	20,835	19,127	1,708	11,497	10,754	743
Multi/interdisciplinary studies	181	17	164	130	56	74	8,692	4,228	4,464
Parks, recreation, leisure, and fitness studies	86	43	43	145	73	72	864	501	363
Philosophy and religion	46	19	27	483	192	291	81	52	29
Physical sciences	32	16	16	79	47	32	2,456	1,424	1,032
Physical sciences, other	16	8	8	29	21	8	1,645	921	724
Science technologies	16	8	8	50	26	24	811	503	308
Precision production trades	2,956	2,424	532	7,179	5,845	1,334	9,344	7,453	1,891
Protective services	8,678	6,796	1,882	3,536	2,628	908	19,709	14,202	5,507
Criminal justice and corrections	7,499	5,737	1,762	2,943	2,108	835	16,584	11,408	5,176
Fire control and safety	1,117	1,007	110	500	466	34	2,447	2,294	153
Protective services, other	62	52	10	93	54	39	678	500	178
Psychology	33	9	24	69	19	50	1,600	446	1,154
Public administration and services	608	235	373	732	230	502	3,882	783	3,099
R.O.T.C. and military technologies	1	1	0	0	0	0	364	331	33
Social sciences and history	136	114	22	96	41	55	3,634	1,461	2,173
Theological studies/religious vocations	65	33	32	617	332	285	607	309	298
Transportation and material moving workers	7,759	6,601	1,158	668	466	202	1,446	1,226	220
Visual and performing arts	324	131	193	3,401	1,191	2,210	12,544	5,275	7,269
Fine arts, general	19	4	15	469	190	279	1,420	483	937
Design and music	276	113	163	2,234	671	1,563	9,805	4,176	5,629
Visual and performing arts, other	29	14	15	698	330	368	1,319	616	703
Not classified by field of study	3	2	1	102	40	62	1,146	622	524

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared March 1997.)

Table 250.—Bachelor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1995–96

Discipline division	1970–71	1975–76	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	839,730	925,746	935,140	974,309	979,477	987,823	991,264	994,829	1,018,755	1,051,344	1,094,538	1,136,553	1,165,178	1,169,275	1,160,134	1,164,792
Agriculture and natural resources	12,672	19,402	21,886	19,317	18,107	16,823	14,991	14,222	13,492	12,900	13,124	15,124	16,778	18,070	19,841	21,431
Architecture and related programs	5,570	9,146	9,455	9,186	9,325	9,119	8,950	8,603	9,150	9,364	9,781	8,753	9,167	8,975	8,756	8,352
Area, ethnic and cultural studies	2,582	3,577	2,887	3,005	2,985	3,178	3,427	3,601	4,102	4,613	4,884	5,342	5,481	5,573	5,706	5,786
Biological sciences/life sciences	35,743	54,275	43,216	38,640	38,445	38,524	38,121	36,755	36,059	37,204	39,530	42,941	47,038	51,383	55,984	60,994
Business	114,729	142,034	198,983	229,478	232,636	237,319	240,546	243,021	246,399	248,698	249,311	256,603	256,842	246,654	234,323	227,102
Communications	10,324	20,045	29,428	38,586	40,358	41,666	43,953	45,410	47,405	50,114	51,650	54,257	53,874	51,164	48,104	47,320
Communications technologies	478	1,237	1,854	1,527	1,644	1,410	1,384	1,239	1,204	1,194	1,123	720	832	663	699	683
Computer and information sciences	2,388	5,652	15,121	32,172	38,878	41,889	39,589	34,523	30,454	27,257	25,083	24,557	24,200	24,200	24,404	24,098
Education	176,307	154,437	108,074	92,299	88,072	87,114	86,936	91,112	96,913	105,112	110,807	108,006	107,781	107,600	106,079	105,509
Engineering	44,898	38,388	63,287	75,638	77,066	76,225	73,747	69,380	66,099	63,609	61,531	61,206	61,973	62,220	62,342	62,114
Engineering-related technologies	5,148	7,943	11,713	18,547	18,762	19,435	19,069	19,126	18,903	17,713	17,119	16,335	16,078	16,005	15,812	15,323
English language and literature/letters ...	64,342	42,006	32,254	32,834	33,218	34,552	36,284	38,661	42,470	47,519	51,841	54,951	56,133	53,924	51,901	50,698
Foreign languages and literatures	20,536	16,484	11,273	10,384	10,827	10,984	11,034	10,926	11,693	12,386	13,133	13,903	14,387	14,378	13,775	13,952
Health professions and related sciences	25,226	53,958	63,649	64,288	64,422	64,396	63,103	60,644	59,005	58,302	59,070	61,720	67,089	74,421	79,855	84,036
Home economics and vocational home economics	11,167	17,409	18,370	15,948	15,157	14,889	14,417	14,320	14,160	14,491	14,892	14,898	15,100	15,522	15,345	15,803
Law and legal studies	545	531	776	1,272	1,157	1,197	1,178	1,303	1,976	1,592	1,758	2,144	2,056	2,171	2,032	2,052
Liberal arts and sciences, general studies, and humanities	7,481	18,855	21,643	21,479	21,818	21,336	23,717	24,274	26,388	27,985	30,526	32,174	33,456	33,397	33,356	33,997
Library science	1,013	843	375	252	197	155	136	119	121	77	90	97	83	62	50	58
Mathematics	24,937	16,329	11,433	13,764	15,861	17,147	16,999	16,608	15,994	15,176	15,310	14,783	14,812	14,396	13,723	13,143
Multi/interdisciplinary studies	6,286	13,588	12,848	13,940	12,978	13,489	13,933	14,723	15,168	16,267	17,561	20,647	23,955	25,167	26,033	26,515
Parks, recreation, leisure and fitness studies	1,621	5,182	5,729	4,850	4,725	4,620	4,264	4,235	4,376	4,582	4,315	8,446	9,859	11,470	12,889	13,983
Philosophy and religion	8,146	8,447	6,776	6,435	6,400	6,239	5,984	5,963	6,425	6,868	7,315	7,526	7,781	7,546	7,276	7,388
Physical sciences and science technologies	21,412	21,465	23,952	23,651	23,704	21,717	20,070	17,806	17,186	16,066	16,344	16,960	17,545	18,400	19,177	19,647
Precision production trades	—	—	—	371	553	400	455	481	482	528	460	378	388	420	353	401
Protective services	2,045	12,507	13,707	12,654	12,510	12,704	12,930	13,367	14,698	15,354	16,806	18,855	20,902	23,009	24,157	24,810
Psychology	38,187	50,278	41,068	39,955	39,900	40,628	42,994	45,187	48,910	53,952	58,655	63,513	66,728	69,259	72,083	73,291
Public administration and services	5,466	15,440	16,707	12,570	11,754	11,887	12,328	12,385	13,162	13,908	14,350	15,987	16,775	17,815	18,586	19,849
R.O.T.C. and military technologies	357	952	42	195	299	256	384	82	198	196	183	184	11	19	27	7
Social sciences and history	155,324	126,396	100,513	93,323	91,570	93,840	96,342	100,460	108,151	118,083	125,107	133,974	135,703	133,680	128,154	126,479
Theological studies/religious vocations ..	3,744	5,520	5,841	5,920	6,047	5,607	5,730	5,565	5,318	5,200	4,813	4,729	5,433	5,434	5,578	5,358
Transportation and material moving workers	662	1,282	1,801	1,698	1,962	1,837	1,654	1,983	2,062	2,387	2,622	3,598	3,930	3,923	3,698	3,561
Visual and performing arts	30,394	42,138	40,479	40,131	38,140	37,241	36,615	36,944	38,227	39,934	42,186	46,522	47,761	49,053	48,690	49,296
Not classified by field of study	0	0	0	0	0	0	0	1,801	2,405	2,713	13,258	6,720	5,247	3,302	1,346	1,756

—Data not available or not applicable.

NOTE.—The new Classification of Instructional Programs was initiated in 1991–92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/

marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 251.—Master's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1995–96

Discipline division	1970–71	1975–76	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	230,509	311,771	295,739	284,263	286,251	288,567	289,349	299,317	310,621	324,301	337,168	352,838	369,585	387,070	397,629	406,301
Agriculture and natural resources	2,457	3,340	4,003	4,178	3,928	3,801	3,522	3,479	3,245	3,382	3,295	3,735	3,965	4,119	4,252	4,569
Architecture and related programs	1,705	3,215	3,153	3,223	3,275	3,260	3,163	3,159	3,383	3,499	3,490	3,640	3,808	3,943	3,923	3,993
Area, ethnic, and cultural studies	1,032	995	804	897	904	945	864	911	1,016	1,212	1,263	1,385	1,523	1,633	1,639	1,713
Biological sciences/life sciences	5,728	6,582	5,978	5,406	5,059	5,013	4,952	4,784	4,961	4,869	4,765	4,785	4,756	5,196	5,393	6,157
Business	25,977	42,054	57,391	66,150	66,996	66,689	67,093	69,230	73,065	76,676	78,255	84,642	89,615	93,437	93,809	93,982
Communications	1,770	2,961	2,896	3,513	3,460	3,500	3,622	3,678	3,940	4,063	4,123	4,180	4,754	5,005	5,142	5,080
Communications technologies	86	165	209	143	209	323	271	247	317	299	213	284	455	414	467	524
Computer and information sciences	1,588	2,603	4,218	6,190	7,101	8,070	8,481	9,197	9,414	9,677	9,324	9,530	10,163	10,416	10,326	10,151
Education	87,666	126,064	96,713	75,664	74,654	74,801	74,045	76,566	81,174	84,881	87,343	92,668	96,028	98,938	101,242	106,253
Engineering	16,309	16,014	16,386	20,078	20,905	21,040	22,015	22,627	23,740	23,863	23,962	24,983	27,626	28,621	28,553	27,441
Engineering-related technologies	134	328	323	577	650	617	639	758	828	909	996	994	1,100	1,133	1,117	1,125
English language and literature/letters	10,686	8,809	5,929	5,010	5,187	5,518	5,483	5,562	5,950	6,567	7,026	7,450	7,790	7,885	7,845	7,893
Foreign languages and literatures	5,217	4,190	2,690	2,581	2,471	2,494	2,379	2,469	2,595	2,760	2,800	2,926	3,198	3,288	3,136	3,124
Health professions and related sciences	5,749	12,556	16,515	17,411	17,385	18,573	18,394	18,657	19,268	20,321	21,200	23,065	25,718	28,025	31,243	33,398
Home economics and vocational home economics	1,452	2,179	2,570	2,416	2,375	2,294	2,064	2,047	2,164	2,100	2,019	2,412	2,479	2,421	2,864	2,917
Law and legal studies	955	1,442	1,832	1,802	1,796	1,924	1,943	1,880	2,013	1,888	2,057	2,369	2,197	2,432	2,511	2,751
Liberal arts and sciences, general studies, and humanities	885	2,633	2,375	1,796	1,696	1,586	1,581	1,814	1,850	1,999	2,213	2,394	2,416	2,496	2,565	2,778
Library science	7,001	8,037	4,859	3,782	3,870	3,564	3,783	3,674	3,906	4,341	4,763	4,893	4,871	5,116	5,057	5,099
Mathematics	5,695	4,315	3,074	3,244	3,413	3,607	3,730	3,867	3,903	4,146	4,041	4,011	4,067	4,100	4,181	4,031
Multi/interdisciplinary studies	821	1,158	2,144	2,431	2,583	2,625	2,482	2,575	2,762	2,834	1,796	2,126	2,498	2,464	2,457	2,347
Parks, recreation, leisure and fitness studies	218	571	643	603	596	570	560	544	535	529	483	1,358	1,434	1,625	1,755	1,751
Philosophy and religion	1,326	1,356	1,229	1,153	1,167	1,163	1,109	1,099	1,280	1,306	1,441	1,146	1,425	1,350	1,380	1,302
Physical sciences and science technologies	6,367	5,466	5,284	5,576	5,796	5,902	5,629	5,733	5,723	5,449	5,309	5,374	5,366	5,679	5,753	5,847
Precision production trades	—	—	—	0	4	0	0	4	0	3	0	0	2	2	5	8
Protective services	194	1,197	1,538	1,219	1,235	1,074	1,019	1,024	1,047	1,151	1,108	1,249	1,357	1,437	1,706	1,812
Psychology	5,717	10,167	10,223	9,525	9,891	9,845	9,562	9,180	9,940	10,730	11,349	10,215	10,957	12,181	13,921	13,792
Public administration and services	7,785	15,209	17,803	15,060	15,575	15,692	16,432	16,424	17,020	17,399	17,905	19,243	20,634	21,833	23,501	24,229
R.O.T.C. and military technologies	2	0	43	127	119	83	119	49	0	0	0	0	108	124	124	136
Social sciences and history	16,539	15,953	11,945	10,577	10,503	10,564	10,506	10,412	11,023	11,634	12,233	12,702	13,471	14,561	14,845	15,012
Theological studies/religious vocations	2,710	3,290	4,220	5,211	4,435	4,556	4,966	4,905	4,749	4,959	4,810	5,185	4,985	4,956	5,240	5,107
Transportation and material moving workers	63	108	120	194	295	454	433	679	692	538	406	385	495	664	823	919
Visual and performing arts	6,675	8,817	8,629	8,526	8,718	8,420	8,508	7,939	8,267	8,481	8,657	9,353	9,440	9,925	10,277	10,280
Not classified by field of study	0	0	0	0	0	0	0	4,144	851	1,836	8,523	4,156	884	1,651	577	780

—Data not available or not applicable.

NOTE.—The new Classification of Instructional Programs was initiated in 1991–92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/

marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 252.—Doctor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1995–96

Discipline division	1970–71	1975–76	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	32,107	34,064	32,958	33,209	32,943	33,653	34,041	34,870	35,720	38,371	39,294	40,659	42,132	43,185	44,446	44,652
Agriculture and natural resources	1,086	928	1,067	1,172	1,213	1,158	1,049	1,142	1,183	1,295	1,185	1,214	1,173	1,278	1,264	1,271
Architecture and related programs	36	82	93	84	89	73	92	98	86	103	135	132	148	161	141	141
Area, ethnic, and cultural studies	144	188	162	141	140	159	134	142	114	131	167	155	178	155	186	184
Biological sciences/life sciences	3,645	3,392	3,718	3,437	3,432	3,358	3,419	3,629	3,520	3,844	4,093	4,243	4,435	4,534	4,645	4,780
Business	757	900	795	929	831	934	1,062	1,063	1,100	1,093	1,185	1,242	1,346	1,364	1,394	1,368
Communications	145	196	171	215	228	212	273	230	247	267	259	252	293	337	320	338
Communications technologies	0	8	11	4	6	11	2	4	6	6	15	3	8	8	1	7
Computer and information sciences	128	244	252	251	248	344	374	428	551	627	676	772	805	810	884	867
Education	6,041	7,202	7,279	6,911	6,612	6,605	6,407	6,060	6,337	6,502	6,187	6,864	7,030	6,908	6,905	6,676
Engineering	3,637	2,819	2,551	2,979	3,221	3,398	3,801	4,174	4,506	4,967	5,258	5,488	5,823	5,963	6,110	6,369
Engineering-related technologies	1	2	10	2	9	12	17	17	17	14	14	11	20	16	18	11
English language and literature/letters	1,650	1,672	1,164	1,018	1,041	991	961	981	1,022	1,078	1,184	1,273	1,341	1,344	1,561	1,535
Foreign languages and literatures	988	1,076	804	659	635	672	661	602	632	724	758	850	830	886	905	876
Health professions and related sciences	466	577	842	1,164	1,199	1,241	1,213	1,261	1,437	1,536	1,613	1,661	1,767	1,902	2,069	2,119
Home economics and vocational home economics	123	178	247	277	273	311	296	307	264	301	253	293	345	365	388	414
Law and legal studies	20	76	60	121	105	54	120	89	76	111	90	68	86	79	88	91
Liberal arts and sciences, general studies, and humanities	32	162	121	173	112	90	56	66	72	63	70	67	81	80	90	75
Library science	39	71	71	74	87	62	57	46	61	42	56	50	77	45	55	53
Mathematics	1,249	909	775	743	734	777	759	796	915	966	1,036	1,082	1,189	1,157	1,226	1,209
Multi/interdisciplinary studies	59	111	158	249	219	263	247	224	212	272	220	231	196	227	238	441
Parks, recreation, leisure, and fitness studies	2	15	42	27	36	39	32	29	35	35	28	61	108	116	149	104
Philosophy and religion	554	554	410	442	468	477	421	405	465	439	456	475	448	528	507	549
Physical sciences and science technologies	4,390	3,431	3,141	3,306	3,403	3,551	3,673	3,809	3,858	4,164	4,290	4,391	4,393	4,650	4,483	4,571
Precision production trades	—	—	—	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective services	1	9	21	31	33	21	18	32	26	38	28	24	32	25	26	38
Psychology	2,144	3,157	3,576	3,535	3,447	3,593	3,560	3,480	3,685	3,811	3,932	3,373	3,651	3,563	3,822	3,711
Public administration and services	174	292	362	420	431	382	398	470	428	508	430	432	459	519	556	499
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	3,660	4,157	3,122	2,911	2,851	2,955	2,916	2,781	2,885	3,010	3,012	3,218	3,460	3,627	3,725	3,760
Theological studies/religious vocations	312	1,033	1,276	1,204	1,144	1,185	1,230	1,199	1,166	1,317	1,079	1,259	1,417	1,448	1,591	1,521
Transportation and material moving workers	3	3	3	0	0	3	0	0	0	0	0	0	0	0	0	0
Visual and performing arts	621	620	654	730	696	722	793	727	753	849	838	906	882	1,054	1,080	1,067
Not classified by field of study	0	0	0	0	0	0	0	579	61	258	747	569	111	36	19	7

—Data not available or not applicable.

NOTE.—The new Classification of Instructional Programs was initiated in 1991–92. The figures for earlier years have been reclassified when necessary to make them conform to the new taxonomy. To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production, Agricultural sciences, and Conservation and renewable natural resources; "Business" includes Business management and administrative services, Marketing operations/

marketing and distribution, and Consumer and personal services; and "Engineering-related technologies" includes Engineering-related technologies, Mechanics and repairers, and Construction trades.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
All fields	1,164,792	522,454	642,338	406,301	179,081	227,220	44,652	26,841	17,811
Agriculture and natural resources, total	21,431	13,535	7,896	4,569	2,650	1,919	1,271	935	336
Agricultural business and production, total	4,848	3,506	1,342	648	411	237	236	182	54
Agricultural business and management, total	3,279	2,379	900	501	313	188	193	151	42
Agricultural business and management, general	870	599	271	49	26	23	0	0	0
Agricultural business/agribusiness operations	1,070	784	286	17	10	7	0	0	0
Agricultural economics	1,155	853	302	425	269	156	193	151	42
Agricultural business and management, other	184	143	41	10	8	2	0	0	0
Agricultural mechanization	245	232	13	3	3	0	2	2	0
Agricultural production workers and managers	129	98	31	64	52	12	8	7	1
Horticulture service operations and management	544	396	148	31	17	14	19	11	8
International agriculture	13	7	6	8	3	5	0	0	0
Agricultural business and production, other	638	394	244	41	23	18	14	11	3
Agricultural sciences, total	7,457	4,256	3,201	1,601	895	706	744	540	204
Agriculture/agricultural sciences, general	1,085	765	320	180	115	65	2	2	0
Animal sciences, total	3,558	1,694	1,864	374	210	164	204	154	50
Animal sciences, general	2,980	1,372	1,608	286	157	129	155	116	39
Agricultural animal breeding and genetics	37	20	17	7	3	4	11	11	0
Agricultural animal health	7	4	3	2	1	1	0	0	0
Agricultural animal nutrition	0	0	0	10	6	4	8	6	2
Dairy science	119	72	47	19	13	6	9	6	3
Poultry science	154	117	37	23	15	8	11	9	2
Animal sciences, other	261	109	152	27	15	12	10	6	4
Food sciences and technology	513	201	312	308	112	196	144	76	68
Plant sciences, total	1,897	1,356	541	603	380	223	314	248	66
Plant sciences, general	327	218	109	76	51	25	37	21	16
Agronomy and crop science	624	528	96	229	167	62	163	143	20
Horticulture science	634	384	250	156	81	75	66	47	19
Plant breeding and genetics	0	0	0	8	4	4	5	5	0
Agricultural plant pathology	6	4	2	8	4	4	4	3	1
Plant protection (pest management)	37	31	6	16	10	6	2	2	0
Range science and management	169	115	54	67	38	29	23	15	8
Plant sciences, other	100	76	24	43	25	18	14	12	2
Soil sciences	153	93	60	87	60	27	67	52	15
Agriculture/agricultural sciences, other	251	147	104	49	18	31	13	8	5
Conservation and renewable natural resources, total	9,126	5,773	3,353	2,320	1,344	976	291	213	78
Natural resources conservation, general	5,113	2,923	2,190	1,256	661	595	80	56	24
Natural resources management and policy	463	292	171	223	139	84	4	4	0
Fishing and fisheries sciences and management	237	176	61	80	56	24	28	23	5
Forest harvesting and production technology/technician	281	194	87	11	10	1	15	12	3
Forestry, general	1,389	1,098	291	517	329	188	138	102	36
Wildlife and wildlands management	1,158	783	375	179	121	58	18	11	7
Conservation and renewable natural resources, other	485	307	178	54	28	26	8	5	3
Architecture and related programs, total	8,352	5,340	3,012	3,993	2,361	1,632	141	96	45
Architecture	5,054	3,538	1,516	1,988	1,331	657	53	39	14
City/urban, community, and regional planning	475	321	154	1,349	730	619	73	51	22
Architectural environmental design	614	402	212	63	29	34	2	1	1
Interior architecture	740	106	634	10	1	9	0	0	0
Landscape architecture	894	615	279	367	163	204	6	3	3
Architectural urban design and planning	13	6	7	60	41	19	2	1	1
Architecture and related programs, other	562	352	210	156	66	90	5	1	4
Area, ethnic, and cultural studies, total	5,786	1,984	3,802	1,713	798	915	184	94	90
Area studies, total	3,752	1,432	2,320	1,248	594	654	144	71	73
African studies	35	16	19	13	12	1	4	1	3
American studies/civilization	1,604	581	1,023	274	93	181	96	39	57
Latin American studies	413	133	280	271	125	146	6	3	3
Middle Eastern studies	84	41	43	90	48	42	18	14	4
Russian and Slavic studies	159	61	98	97	50	47	1	1	0
Asian studies	836	392	444	294	155	139	15	10	5
European studies	238	76	162	90	43	47	1	1	0
Area studies, other	383	132	251	119	68	51	3	2	1
Ethnic and cultural studies, total	1,574	343	1,231	189	46	143	29	13	16
Afro-American (black) studies	606	213	393	68	23	45	11	4	7
Hispanic-American studies	187	61	126	20	10	10	0	0	0
Women's studies	602	9	593	72	3	69	0	0	0
Ethnic studies, other	179	60	119	29	10	19	8	6	2
Area, ethnic and cultural studies, other	460	209	251	276	158	118	21	13	8
Biological sciences/life sciences, total	60,994	28,849	32,145	6,157	2,902	3,255	4,780	2,773	2,007
Biology, general	44,818	20,619	24,199	2,606	1,256	1,350	768	434	334

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Biochemistry and biophysics	3,385	1,928	1,457	319	165	154	626	386	240
Botany, total	404	182	222	228	118	110	299	181	118
Botany, general	370	167	203	145	68	77	144	77	67
Plant pathology	9	7	2	72	44	28	109	76	33
Botany, other	25	8	17	11	6	5	46	28	18
Cell and molecular biology, total	2,103	1,104	999	181	77	104	499	286	213
Cell biology	234	131	103	40	16	24	152	95	57
Molecular biology	680	347	333	83	41	42	247	136	111
Cell and molecular biology, other	1,189	626	563	58	20	38	100	55	45
Microbiology/bacteriology	2,130	1,067	1,063	324	143	181	477	260	217
Miscellaneous biological specializations, total	2,981	1,382	1,599	1,507	587	920	1,083	605	478
Anatomy	77	45	32	62	33	29	70	37	33
Ecology	825	442	383	272	160	112	86	58	28
Marine/aquatic biology	703	322	381	118	58	60	21	16	5
Neurosciences	264	139	125	49	32	17	215	133	82
Nutritional sciences	370	77	293	351	33	318	108	36	72
Toxicology	54	25	29	82	28	54	87	47	40
Genetics, plant and animal	257	121	136	130	45	85	230	129	101
Biometrics	23	10	13	42	23	19	27	18	9
Miscellaneous specialized areas, other	408	201	207	401	175	226	239	131	108
Zoology, total	3,549	1,789	1,760	815	459	356	855	523	332
Zoology, general	2,903	1,444	1,459	236	128	108	150	102	48
Entomology	73	50	23	148	87	61	137	100	37
Pathology, human and animal	14	2	12	60	31	29	103	58	45
Pharmacology, human and animal	72	43	29	84	47	37	252	137	115
Physiology, human and animal	487	250	237	287	166	121	212	125	87
Zoology, other	0	0	0	0	0	0	1	1	0
Biological sciences/life sciences, other	1,624	778	846	177	97	80	173	98	75
Business management, administrative services and marketing operations/marketing and distribution, total	227,102	116,842	110,260	93,982	58,685	35,297	1,368	974	394
Business management and administrative services, total	222,405	114,838	107,567	93,320	58,333	34,987	1,367	974	393
Business, general	22,214	11,696	10,518	10,960	7,114	3,846	207	147	60
Business administration and management, total	83,953	43,181	40,772	54,945	34,957	19,988	786	569	217
Office supervision and management	823	125	698	1	0	1	0	0	0
Operations management and supervision	1,669	1,149	520	588	451	137	7	7	0
Business administration and management, other	81,461	41,907	39,554	54,356	34,506	19,850	779	562	217
Accounting	42,002	18,312	23,690	4,170	2,150	2,020	47	27	20
Secretarial and related programs	302	27	275	5	0	5	0	0	0
Business/managerial economics	2,743	1,770	973	196	133	63	54	44	10
Small business management and ownership	450	298	152	62	44	18	0	0	0
Finance, general and banking and financial support services	20,125	13,436	6,689	5,534	3,893	1,641	45	42	3
Actuarial sciences	288	184	104	67	44	23	0	0	0
Insurance and risk management	481	275	206	76	51	25	7	5	2
Investments and securities and financial planning	312	191	121	326	224	102	0	0	0
Hospitality services management	5,321	2,443	2,878	472	240	232	5	2	3
Human resources management	5,715	2,236	3,479	1,787	700	1,087	38	16	22
Labor/personnel relations and studies	876	457	419	740	275	465	26	14	12
Organizational behavior studies	1,164	513	651	270	98	172	22	15	7
International business	3,034	1,460	1,574	3,038	1,880	1,158	12	7	5
Business information systems, total	6,183	3,791	2,392	2,554	1,725	829	15	13	2
Management information systems and data processing, gen- eral	5,727	3,471	2,256	1,995	1,360	635	13	11	2
Business information systems, other	456	320	136	559	365	194	2	2	0
Quantitative methods and management science, total	1,714	999	715	825	553	272	28	22	6
Business statistics	13	10	3	18	11	7	5	5	0
Management science, other	1,701	989	712	807	542	265	23	17	6
Marketing management and research	20,909	11,107	9,802	2,048	1,141	907	39	25	14
Real estate	400	279	121	252	196	56	1	1	0
Taxation	0	0	0	1,693	947	746	0	0	0
Consumer and personal services	256	167	89	0	0	0	0	0	0
Business management and administrative services, other	3,963	2,016	1,947	3,300	1,968	1,332	35	25	10
Marketing operations/marketing and distribution, total	4,697	2,004	2,693	662	352	310	1	0	1
Apparel and accessories marketing operations	1,082	53	1,029	0	0	2	1	0	1
Business and personal services marketing operations	344	193	151	15	5	10	0	0	0
General/retailing and wholesaling operations and skills	2,444	1,249	1,195	486	243	243	0	0	0
Transportation and travel marketing	162	46	116	30	8	22	0	0	0
Marketing and distribution, other	665	463	202	129	96	33	0	0	0
Communications and communications technologies, total	48,003	19,760	28,243	5,604	2,171	3,433	345	190	155
Communications, total	47,320	19,391	27,929	5,080	1,900	3,180	338	184	154
Communications, general	22,995	9,134	13,861	1,820	661	1,159	215	115	100
Advertising	2,538	1,038	1,500	262	92	170	3	2	1
Journalism	9,097	3,250	5,847	1,393	505	888	31	15	16
Broadcast journalism	586	255	331	14	5	9	0	0	0

Table 253.—Bachelor’s, master’s, and doctor’s degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study 1	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total 2	Men 3	Women 4	Total 5	Men 6	Women 7	Total 8	Men 9	Women 10
Public relations and organizational communications	2,215	668	1,547	284	74	210	0	0	0
Radio and television broadcasting	5,125	2,843	2,282	318	158	160	17	11	6
Communications, other	4,764	2,203	2,561	989	405	584	72	41	31
Communications technologies, total	683	369	314	524	271	253	7	6	1
Photographic technology	15	5	10	0	0	0	0	0	0
Radio and television technology	581	318	263	385	190	195	7	6	1
Communications technologies, other	87	46	41	139	81	58	0	0	0
Computer and information sciences, total	24,098	17,468	6,630	10,151	7,444	2,707	867	741	126
Computer and information sciences, general	15,324	11,411	3,913	7,270	5,446	1,824	703	606	97
Computer programming	241	155	86	14	14	0	0	0	0
Data processing technology/technician	177	113	64	0	0	0	0	0	0
Information science and systems	4,142	2,603	1,539	1,386	881	505	29	19	10
Computer systems analysis	195	129	66	51	40	11	2	2	0
Computer and information sciences, other	4,019	3,057	962	1,430	1,063	367	133	114	19
Education, total	105,509	26,233	79,276	106,253	25,214	81,039	6,676	2,525	4,151
Education, general	1,660	338	1,322	11,745	2,836	8,909	1,171	423	748
Bilingual/bicultural education	89	5	84	356	63	293	25	10	15
Curriculum and instruction	22	15	7	9,773	1,940	7,833	732	210	522
Education administration and supervision, total	224	41	183	11,609	4,507	7,102	2,281	992	1,289
Education administration and supervision, general	4	1	3	8,135	3,224	4,911	1,629	701	928
Administration of special education	0	0	0	17	4	13	9	3	6
Adult and continuing education administration	2	1	1	240	66	174	66	27	39
Educational supervision	0	0	0	621	168	453	21	5	16
Elementary, middle, and secondary education administration	218	39	179	1,507	634	873	85	33	52
Higher education administration	0	0	0	531	205	326	289	138	151
Community and junior college education administration	0	0	0	19	7	12	4	2	2
Education administration and supervision, other	0	0	0	539	199	340	152	72	80
Educational/instructional media design	25	11	14	1,570	456	1,114	52	28	24
Educational evaluation and research, general	31	5	26	40	19	21	25	12	13
Educational statistics and research methods	2	0	2	25	9	16	31	17	14
Educational assessment, testing and measurement	0	0	0	81	10	71	29	12	17
Social and philosophical foundations of education	5	1	4	213	59	154	101	36	65
Special education, total	10,029	1,022	9,007	11,158	1,532	9,626	193	43	150
Special education, general	6,970	749	6,221	9,196	1,294	7,902	175	40	135
Education of the deaf and hearing impaired	266	16	250	165	22	143	0	0	0
Education of the gifted and talented	6	0	6	146	13	133	0	0	0
Education of the emotionally handicapped	308	53	255	209	48	161	3	1	2
Education of the mentally handicapped	528	56	472	80	7	73	0	0	0
Education of the multiple handicapped	147	13	134	216	20	196	4	0	4
Education of the physically handicapped	45	4	41	68	12	56	0	0	0
Education of the blind and visually handicapped	29	5	24	21	5	16	0	0	0
Education of the specific learning disabled	635	49	586	548	64	484	2	0	2
Education of the speech impaired	807	42	765	219	10	209	0	0	0
Special education, other	288	35	253	290	37	253	9	2	7
Counselor education/counseling and guidance services	65	11	54	12,807	2,753	10,054	380	135	245
General teacher education, total	58,026	7,867	50,159	25,001	4,533	20,468	416	119	297
Adult and continuing education	43	19	24	885	242	643	167	58	109
Elementary education	45,578	5,430	40,148	13,682	1,637	12,045	82	7	75
Junior high/intermediate/middle school education	1,410	359	1,051	706	132	574	0	0	0
Pre-elementary/early childhood/kindergarten education	6,422	227	6,195	2,105	54	2,051	28	5	23
Secondary education	3,933	1,729	2,204	4,643	1,750	2,893	57	23	34
Teacher education, general programs, other	640	103	537	2,980	718	2,262	82	26	56
Teacher education, academic and vocational programs	34,012	16,338	17,674	16,287	5,333	10,954	677	322	355
Agricultural education (vocational)	438	278	160	210	123	87	35	20	15
Art education	1,686	375	1,311	639	109	530	19	7	12
Business education (vocational)	1,088	304	784	425	132	293	8	4	4
Driver and safety education	70	64	6	28	16	12	1	1	0
English education	2,640	612	2,028	804	201	603	15	3	12
Foreign languages education	311	54	257	348	50	298	13	3	10
Health education	1,993	505	1,488	749	156	593	56	16	40
Home economics education (vocational)	245	4	241	70	2	68	6	0	6
Technology/industrial arts education	1,285	1,114	171	391	275	116	13	8	5
Marketing operations/marketing and distribution education	71	36	35	7	2	5	0	0	0
Mathematics education	1,712	714	998	819	305	514	38	11	27
Music education	2,786	1,231	1,555	684	279	405	56	24	32
Physical education and coaching	12,139	7,141	4,998	3,109	1,699	1,410	181	108	73
Reading education	179	20	159	3,960	198	3,762	47	12	35
Science education	1,075	495	580	746	309	437	45	23	22
Social sciences education	794	429	365	98	53	45	1	1	0
Social studies education	2,053	1,191	862	588	342	246	1	0	1
Technical education (vocational)	178	114	64	398	146	252	30	18	12
Trade and industrial education (vocational)	1,049	737	312	380	174	206	74	42	32
Teacher education, academic and vocational programs, other	2,220	920	1,300	1,834	762	1,072	38	21	17

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Teaching English as a second language/foreign language	52	12	40	1,662	334	1,328	13	8	5
Education, other	1,267	567	700	3,926	830	3,096	576	169	407
Engineering and engineering-related technologies, total	77,437	64,956	12,481	28,566	23,641	4,925	6,380	5,580	800
Engineering, total	62,114	51,069	11,045	27,441	22,735	4,706	6,369	5,570	799
Engineering, general	1,904	1,538	366	1,342	1,128	214	207	178	29
Aerospace, aeronautical, and astronautical engineering	1,642	1,395	247	765	673	92	260	238	22
Agricultural engineering	649	508	141	157	129	28	101	85	16
Architectural engineering	489	397	92	51	39	12	7	7	0
Bioengineering and biomedical engineering	998	660	338	492	352	140	183	141	42
Ceramic sciences and engineering	187	155	32	71	50	21	46	42	4
Chemical engineering	6,319	4,243	2,076	1,176	906	270	670	543	127
Civil engineering	10,607	8,579	2,028	3,905	3,123	782	616	550	66
Computer engineering	2,518	2,246	272	962	766	196	125	106	19
Electrical, electronics, and communications engineering	13,900	12,246	1,654	7,103	6,110	993	1,591	1,431	160
Engineering mechanics	106	91	15	123	108	15	77	70	7
Engineering physics	263	227	36	58	51	7	41	36	5
Engineering science	312	254	58	336	274	62	54	49	5
Environmental/environmental health engineering	745	478	267	1,038	768	270	72	54	18
Geological engineering	179	131	48	39	36	3	14	12	2
Geophysical engineering	21	13	8	12	12	0	2	2	0
Industrial/manufacturing engineering	3,284	2,313	971	1,959	1,513	446	279	217	62
Material engineering	473	368	105	457	354	103	361	314	47
Mechanical engineering	14,177	12,484	1,693	3,881	3,443	438	940	875	65
Metallurgical engineering	255	190	65	137	102	35	74	57	17
Mining and mineral engineering	126	114	12	40	39	1	26	23	3
Naval architecture and marine engineering	329	303	26	29	22	7	7	6	1
Nuclear engineering	222	192	30	257	222	35	135	120	15
Ocean engineering	167	132	35	112	99	13	30	26	4
Petroleum engineering	240	209	31	145	132	13	49	47	2
Systems engineering	386	310	76	484	407	77	58	48	10
Textile sciences and engineering	72	50	22	32	17	15	3	3	0
Engineering, other	1,544	1,243	301	2,278	1,860	418	341	290	51
Engineering-related technologies, total	15,323	13,887	1,436	1,125	906	219	11	10	1
Architectural engineering technologies	517	463	54	0	0	0	0	0	0
Civil technologies	544	487	57	0	0	0	1	1	0
Electrical and electronic technologies	4,033	3,732	301	22	21	1	0	0	0
Electromechanical instrumentation and maintenance technologies	434	412	22	1	1	0	0	0	0
Environmental control technologies	280	209	71	153	113	40	0	0	0
Industrial production technologies	3,848	3,412	436	231	186	45	4	4	0
Quality control and safety technologies	498	396	102	373	296	77	0	0	0
Mechanical and related technologies	1,668	1,555	113	0	0	0	0	0	0
Mining and petroleum technologies	14	14	0	0	0	0	0	0	0
Surveying	149	137	12	25	23	2	6	5	1
Mechanics and repairers	54	48	6	0	0	0	0	0	0
Construction trades	80	76	4	0	0	0	0	0	0
Engineering and related technologies, other	3,204	2,946	258	320	266	54	0	0	0
English language and literature/letters, total	50,698	17,253	33,445	7,893	2,814	5,079	1,535	590	945
English language and literature, general	38,498	12,766	25,732	5,139	1,816	3,323	1,126	435	691
Comparative literature	770	246	524	236	87	149	140	55	85
English composition	262	100	162	24	5	19	5	1	4
English creative writing	965	417	548	1,132	459	673	5	3	2
American literature (United States)	42	16	26	6	1	5	15	6	9
English literature (British and Commonwealth)	1,298	433	865	281	97	184	41	11	30
Speech and rhetorical studies	7,634	2,877	4,757	752	250	502	143	58	85
English technical and business writing	183	52	131	172	47	125	0	0	0
English language and literature/letters, other	1,046	346	700	151	52	99	60	21	39
Foreign languages and literatures, total	13,952	4,219	9,733	3,124	1,017	2,107	876	387	489
Foreign languages and literatures, total	1,498	452	1,046	894	299	595	249	127	122
Foreign languages and literatures, general	879	271	608	296	91	205	57	29	28
Linguistics	619	181	438	598	208	390	192	98	94
East and Southeast Asian languages and literatures, total	581	291	290	110	35	75	31	13	18
Chinese	136	77	59	42	16	26	19	11	8
Japanese	359	164	195	47	13	34	3	0	3
East and Southeast Asian languages, other	86	50	36	21	6	15	9	2	7
East European languages and literatures, total	547	202	345	144	41	103	44	15	29
Russian languages	494	182	312	58	15	43	7	2	5
Slavic languages (other than Russian)	49	20	29	79	25	54	36	12	24
East European languages, other	4	0	4	7	1	6	1	1	0
Germanic languages and literatures, total	1,322	513	809	325	133	192	84	34	50
German	1,290	501	789	305	120	185	75	29	46

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Scandinavian languages	20	6	14	6	4	2	0	0	0
Germanic languages, other	12	6	6	14	9	5	9	5	4
South Asian languages and literatures	8	5	3	4	1	3	2	0	2
Romance languages and literatures, total	8,988	2,270	6,718	1,351	374	977	343	119	224
French	2,655	558	2,097	446	104	342	113	34	79
Italian	232	53	179	44	15	29	22	4	18
Portuguese	29	18	11	9	3	6	2	2	0
Spanish	5,995	1,623	4,372	769	226	543	151	61	90
Romance languages, other	77	18	59	83	26	57	55	18	37
Middle Eastern languages and literatures, total	76	24	52	53	24	29	18	15	3
Arabic	8	4	4	3	2	1	2	1	1
Hebrew	45	10	35	28	13	15	2	2	0
Middle East languages, other	23	10	13	22	9	13	14	12	2
Classical and ancient Near East languages and literatures, total	735	390	345	177	95	82	63	39	24
Classics	619	340	279	160	90	70	57	36	21
Greek (ancient and medieval)	26	12	14	8	2	6	5	3	2
Latin (ancient and medieval)	90	38	52	9	3	6	1	0	1
Foreign languages, other	197	72	125	66	15	51	42	25	17
Health professions and related sciences, total	84,036	15,432	68,604	33,398	7,021	26,377	2,119	919	1,200
Communication disorders sciences and services	6,120	370	5,750	5,027	264	4,763	92	24	68
Community health liaison	814	170	644	145	39	106	0	0	0
Dentistry	9	5	4	362	243	119	35	23	12
Dental services	923	33	890	37	18	19	0	0	0
Epidemiology	0	0	0	316	116	200	91	45	46
Health services administration, total	4,247	1,096	3,151	3,867	1,318	2,549	62	27	35
Health services administration	2,298	612	1,686	2,195	793	1,402	36	18	18
Medical records administration	709	92	617	0	0	0	0	0	0
Medical records technology/technician	2	0	2	6	4	2	4	3	1
Health and medical administrative services, other	1,238	392	846	1,666	521	1,145	22	6	16
Health and medical assistants, total	1,440	636	804	394	131	263	0	0	0
Medical assistant	0	0	0	0	0	0	0	0	0
Physician assistant	1,271	588	683	372	120	252	0	0	0
Health and medical assistants, other	169	48	121	22	11	11	0	0	0
Health and medical diagnostic and treatment services, total	1,595	614	981	32	23	9	3	2	1
Respiratory therapy technology/technician	385	165	220	0	0	0	0	0	0
Health and medical diagnostic and treatment services, other ..	1,210	449	761	32	23	9	3	2	1
Medical laboratory technologies, total	2,972	913	2,059	436	163	273	97	46	51
Medical technology	2,543	752	1,791	69	19	50	1	0	1
Health and medical laboratory technologies/technicians, other	429	161	268	367	144	223	96	46	50
Pre-dentistry studies	138	75	63	0	0	0	0	0	0
Pre-medicine studies	667	355	312	0	0	0	0	0	0
Pre-pharmacy studies	1	1	0	0	0	0	0	0	0
Pre-veterinary studies	266	83	183	2	0	2	0	0	0
Medical basic sciences	384	145	239	446	215	231	471	267	204
Mental health services, total	621	128	493	380	56	324	6	1	5
Alcohol/drug abuse counseling	109	41	68	39	6	33	0	0	0
Psychiatric/mental health services technician	97	22	75	50	8	42	0	0	0
Clinical and medical social work	117	20	97	74	13	61	6	1	5
Mental health services, other	298	45	253	217	29	188	0	0	0
Nursing	44,544	4,838	39,706	10,510	733	9,777	399	18	381
Optometry	133	72	61	14	7	7	7	4	3
Pharmacy	6,288	2,331	3,957	298	157	141	298	167	131
Rehabilitation/therapeutic services, total	8,069	1,923	6,146	5,615	1,431	4,184	31	10	21
Art therapy	75	3	72	198	12	186	0	0	0
Dance therapy	5	0	5	18	0	18	0	0	0
Music therapy	185	26	159	31	10	21	0	0	0
Occupational therapy	3,217	474	2,743	1,030	101	929	3	0	3
Orthotics/prosthetics	26	21	5	0	0	0	0	0	0
Physical therapy	3,225	1,078	2,147	3,343	1,055	2,288	5	1	4
Recreational therapy	160	28	132	0	0	0	0	0	0
Vocational rehabilitation counseling	233	47	186	623	165	458	9	3	6
Rehabilitative services, other	943	246	697	372	88	284	14	6	8
Veterinary medicine	0	0	0	140	67	73	132	84	48
Miscellaneous health professions	421	183	238	884	478	406	77	54	23
Health professions and related sciences, other	4,384	1,461	2,923	4,493	1,562	2,931	318	147	171
Home economics and vocational home economics, total	15,803	1,885	13,918	2,917	496	2,421	414	117	297
Home economics, total	15,328	1,682	13,646	2,885	494	2,391	409	113	296
Home economics, general	2,620	193	2,427	300	24	276	47	7	40
Home economics business services	122	14	108	4	0	4	0	0	0
Family and community studies	229	24	205	55	12	43	6	5	1
Family and consumer resource management	1,022	293	729	70	11	59	27	4	23
Food and nutrition studies	3,648	518	3,130	597	69	528	46	15	31
Housing studies	489	73	416	13	1	12	3	2	1
Individual and family development studies	5,724	473	5,251	1,745	360	1,385	257	74	183

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Clothing/apparel and textile studies	1,323	74	1,249	84	15	69	14	5	9
Home economics, other	151	20	131	17	2	15	9	1	8
Vocational home economics, total	475	203	272	32	2	30	5	4	1
Child care and guidance management	137	5	132	28	2	26	0	0	0
Vocational home economics, other	338	198	140	4	0	4	5	4	1
Law and legal studies, total	2,052	556	1,496	2,751	1,751	1,000	91	59	32
Pre-law studies	201	92	109	0	0	0	0	0	0
Paralegal/legal assistant	1,125	177	948	31	7	24	0	0	0
Law and legal studies, other	726	287	439	2,720	1,744	976	91	59	32
Liberal arts and sciences, general studies, and humanities, total	33,997	13,379	20,618	2,778	961	1,817	75	33	42
Liberal arts and sciences/liberal studies	21,493	7,837	13,656	1,873	653	1,220	23	10	13
Humanities/humanistic studies	3,117	1,099	2,018	488	190	298	42	21	21
Liberal arts and sciences, general studies, other	9,387	4,443	4,944	417	118	299	10	2	8
Library science, total	58	8	50	5,099	1,071	4,028	53	10	43
Library science/librarianship	56	7	49	5,032	1,054	3,978	51	10	41
Library science, other	2	1	1	67	17	50	2	0	2
Mathematics, total	13,143	7,134	6,009	4,031	2,465	1,566	1,209	962	247
Mathematics	11,346	6,029	5,317	2,381	1,407	974	831	672	159
Applied mathematics, total	1,094	668	426	736	518	218	191	151	40
Applied mathematics, general and other	664	381	283	356	231	125	140	108	32
Operations research (quantitative methods)	430	287	143	380	287	93	51	43	8
Mathematical statistics	434	257	177	819	481	338	166	127	39
Mathematics, other	269	180	89	95	59	36	21	12	9
Multi/interdisciplinary studies, total	26,515	9,286	17,229	2,347	1,082	1,265	441	218	223
Biological and physical sciences	2,574	1,318	1,256	243	128	115	28	20	8
Systems science and theory	114	71	43	166	90	76	21	14	7
Museology/museum studies	4	1	3	112	20	92	0	0	0
Multi/interdisciplinary studies, other	23,823	7,896	15,927	1,826	844	982	392	184	208
Parks, recreation, leisure, and fitness studies, total	13,983	7,090	6,893	1,751	911	840	104	65	39
Parks, recreation and leisure studies	2,146	979	1,167	208	90	118	12	7	5
Parks, recreation and leisure facilities management	2,844	1,285	1,559	250	119	131	15	11	4
Health and physical education/fitness	8,756	4,679	4,077	1,270	693	577	75	46	29
Parks, recreation, leisure and fitness studies, other	237	147	90	23	9	14	2	1	1
Philosophy and religion, total	7,388	4,859	2,529	1,302	845	457	549	385	164
Philosophy	4,555	3,199	1,356	695	500	195	324	238	86
Religion/religious studies	2,543	1,477	1,066	540	321	219	216	140	76
Philosophy and religion, other	290	183	107	67	24	43	9	7	2
Physical sciences and science technologies, total	19,647	12,578	7,069	5,847	3,966	1,881	4,571	3,515	1,056
Physical sciences, total	19,518	12,517	7,001	5,823	3,952	1,871	4,563	3,508	1,055
Physical sciences, general	392	238	154	71	58	13	4	1	3
Astronomy	105	70	35	76	56	20	97	74	23
Astrophysics	43	23	20	39	32	7	28	24	4
Atmospheric science and meteorology	434	348	86	199	164	35	97	80	17
Chemistry, total	10,415	5,970	4,445	2,254	1,269	985	2,287	1,598	689
Chemistry, general	10,091	5,773	4,318	2,094	1,176	918	2,088	1,461	627
Analytical chemistry	0	0	0	16	13	3	14	11	3
Inorganic chemistry	0	0	0	2	0	2	3	3	0
Organic chemistry	14	8	6	19	10	9	5	3	2
Medicinal/pharmaceutical chemistry	20	12	8	40	23	17	59	36	23
Chemistry, other	290	177	113	83	47	36	118	84	34
Geological and related sciences, total	3,190	2,091	1,099	991	711	280	372	298	74
Geology	2,922	1,927	995	816	581	235	279	215	64
Geochemistry	18	13	5	4	2	2	4	4	0
Geophysics and seismology	60	45	15	76	58	18	64	56	8
Geological and related sciences, other	190	106	84	95	70	25	25	23	2
Miscellaneous physical sciences, total	904	575	329	405	233	172	191	137	54
Metallurgy	0	0	0	3	3	0	1	1	0
Oceanography	185	120	65	142	88	54	105	72	33
Earth and planetary sciences	644	411	233	155	88	67	78	59	19
Miscellaneous physical sciences, other	75	44	31	105	54	51	7	5	2
Physics, total	3,679	2,999	680	1,678	1,377	301	1,462	1,276	186
Physics, general	3,548	2,899	649	1,546	1,274	272	1,379	1,204	175
Physics, other	131	100	31	132	103	29	83	72	11
Physical sciences, other	356	203	153	110	52	58	25	20	5

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
Science technologies, total	129	61	68	24	14	10	8	7	1
Precision production trades, total	401	305	96	8	6	2	0	0	0
Drafting, general	149	132	17	0	0	0	0	0	0
Precision production trades, other	252	173	79	8	6	2	0	0	0
Protective services, total	24,810	15,274	9,536	1,812	1,151	661	38	22	16
Criminal justice and corrections, total	24,396	14,905	9,491	1,779	1,120	659	37	21	16
Corrections/correctional administration	663	348	315	70	41	29	1	1	0
Criminal justice/law enforcement administration	8,254	5,043	3,211	611	371	240	4	0	4
Criminal justice studies	12,667	7,641	5,026	974	645	329	32	20	12
Forensic studies	25	8	17	66	31	35	0	0	0
Law enforcement/police science	1,734	1,260	474	50	26	24	0	0	0
Criminal justice, other	1,053	605	448	8	6	2	0	0	0
Fire control and safety	304	287	17	29	27	2	1	1	0
Protective services, other	110	82	28	4	4	0	0	0	0
Psychology, total	73,291	19,817	53,474	13,792	3,813	9,979	3,711	1,259	2,452
Psychology, general	69,044	18,715	50,329	4,793	1,456	3,337	1,553	573	980
Clinical psychology	56	18	38	1,394	339	1,055	1,328	422	906
Counseling psychology	290	62	228	4,289	1,034	3,255	297	101	196
Developmental and child psychology	647	67	580	63	17	46	66	14	52
Experimental psychology	246	73	173	62	25	37	70	23	47
Industrial and organizational psychology	122	36	86	826	360	466	59	19	40
Physiological psychology/psychobiology	182	70	112	7	5	2	25	8	17
Social psychology	585	156	429	99	27	72	43	18	25
School psychology	0	0	0	817	158	659	108	24	84
Psychology, other	2,119	620	1,499	1,442	392	1,050	162	57	105
Public administration and services, total	19,849	4,205	15,644	24,229	6,927	17,302	499	220	279
Public administration	2,485	1,287	1,198	7,556	3,662	3,894	157	96	61
Community organization, resources and services	1,702	386	1,316	263	91	172	5	1	4
Public policy analysis	435	202	233	862	413	449	88	44	44
Social work	14,687	2,110	12,577	15,057	2,569	12,488	243	74	169
Public affairs, other	540	220	320	491	192	299	6	5	1
R.O.T.C. and military technologies, total	7	7	0	136	132	4	0	0	0
Social sciences and history, total	126,479	65,872	60,607	15,012	8,093	6,919	3,760	2,339	1,421
Social sciences, general	7,343	2,992	4,351	543	240	303	69	33	36
Anthropology	6,261	2,282	3,979	1,030	412	618	393	181	212
Archeology	120	47	73	21	8	13	13	6	7
Criminology	2,676	1,535	1,141	124	59	65	10	7	3
Demography and population studies	1	0	1	44	16	28	4	4	0
Economics	16,674	11,634	5,040	2,533	1,687	846	916	709	207
Geography, total	4,145	2,746	1,399	756	473	283	173	129	44
Geography	4,097	2,713	1,384	755	472	283	173	129	44
Cartography	48	33	15	1	1	0	0	0	0
History	26,005	15,921	10,084	2,898	1,777	1,121	805	473	332
International relations and affairs	5,506	2,397	3,109	2,372	1,211	1,161	58	44	14
Political science and government, general	30,775	17,386	13,389	2,024	1,213	811	634	439	195
Sociology	24,071	7,767	16,304	1,772	623	1,149	527	247	280
Urban affairs/studies	647	315	332	339	171	168	61	27	34
Social sciences and history, other	2,255	850	1,405	556	203	353	97	40	57
Theological studies/religious vocations, total	5,358	4,044	1,314	5,107	3,056	2,051	1,521	1,304	217
Biblical and other theological languages and literatures	66	44	22	77	35	42	4	4	0
Bible/biblical studies	1,500	1,114	386	290	234	56	56	52	4
Missions/missionary studies and misology	259	133	126	225	133	92	38	36	2
Religious education	707	403	304	930	487	443	33	25	8
Religious/sacred music	158	88	70	138	92	46	9	6	3
Theology/theological studies	2,158	1,890	268	2,546	1,635	911	990	875	115
Pastoral counseling and specialized ministries	236	191	45	570	247	323	190	151	39
Theological studies and religious vocations, other	274	181	93	331	193	138	201	155	46
Transportation and material moving workers, total	3,561	3,143	418	919	856	63	0	0	0
Air transportation workers	3,336	2,950	386	905	845	60	0	0	0
Water transportation workers	195	170	25	0	0	0	0	0	0
Transportation and material moving, other	30	23	7	14	11	3	0	0	0
Visual and performing arts, total	49,296	20,126	29,170	10,280	4,361	5,919	1,067	524	543
Visual and performing arts, general	1,459	612	847	99	48	51	5	3	2
Crafts, folk art, and artisanry	129	34	95	6	3	3	0	0	0

Table 253.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1995–96—Continued

Field of study 1	Bachelor's degrees requiring 4 or 5 years			Master's degrees			Doctor's degrees (Ph.D., Ed.D., etc.)		
	Total 2	Men 3	Women 4	Total 5	Men 6	Women 7	Total 8	Men 9	Women 10
Dance	925	94	831	191	29	162	10	1	9
Design and applied art	7,988	3,265	4,723	525	221	304	3	1	2
Dramatic/theater arts and stagecraft	6,217	2,486	3,731	1,317	567	750	99	42	57
Film/video and photographic arts, total	2,814	1,718	1,096	680	377	303	11	7	4
Film-video making/cinematography and production	1,107	758	349	303	172	131	1	1	0
Photography	939	481	458	157	72	85	5	5	0
Film arts, other	768	479	289	220	133	87	5	1	4
Fine arts and art studies, total	20,585	7,413	13,172	3,354	1,201	2,153	183	51	132
Art, general	11,326	4,322	7,004	968	385	583	38	16	22
Art history, criticism and conservation	4,565	1,241	3,324	1,102	341	761	142	33	109
Arts management	102	17	85	171	27	144	1	0	1
Painting	779	360	419	196	94	102	0	0	0
Ceramic arts and ceramics	191	62	129	65	32	33	0	0	0
Fiber, textile and weaving arts	95	6	89	38	5	33	2	2	0
Metal and jewelry arts	97	19	78	21	5	16	0	0	0
Fine arts and art studies, other	3,430	1,386	2,044	793	312	481	0	0	0
Music, total	8,713	4,311	4,402	3,741	1,797	1,944	716	408	308
Music, general	4,391	2,061	2,330	1,157	549	608	312	181	131
Music history and literature	57	23	34	69	34	35	24	14	10
Music, general performance	2,843	1,314	1,529	1,908	920	988	242	124	118
Music theory and composition	271	199	72	199	135	64	76	62	14
Music, other	1,151	714	437	408	159	249	62	27	35
Visual and performing arts, other	466	193	273	367	118	249	40	11	29
Not classified by field of study	1,756	1,015	741	780	420	360	7	5	2

NOTE.—Aggregations by field of study derived from the *Classification of Instructional Programs* developed by the National Center for Education Statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1998.)

Table 254.—Degrees conferred by institutions of higher education, by control of institution: 1969–70 to 1995–96

Year	Public institutions					Private institutions				
	Associate	Bachelor's	Master's	Doctor's	First-professional ¹	Associate	Bachelor's	Master's	Doctor's	First-professional ¹
1	2	3	4	5	6	7	8	9	10	11
1969–70	170,966	519,550	134,545	19,183	14,542	35,057	272,766	73,746	10,683	20,376
1970–71	215,645	557,996	151,603	20,788	16,139	36,666	281,734	78,906	11,319	21,807
1971–72	255,218	599,615	167,075	21,776	18,521	36,796	287,658	84,558	11,587	24,890
1972–73	278,132	630,899	174,405	22,357	21,872	38,042	291,463	88,966	12,420	28,146
1973–74	303,188	651,544	184,632	21,810	23,208	40,736	294,232	92,401	12,006	30,608
1974–75	318,474	634,785	193,804	22,176	23,612	41,697	288,148	98,646	11,907	32,304
1975–76	345,006	635,161	206,298	21,751	25,766	46,448	290,585	105,473	12,313	36,883
1976–77	355,650	630,463	208,901	21,229	26,344	50,727	289,086	108,263	12,003	38,015
1977–78	358,874	627,903	202,099	20,456	27,097	53,372	293,301	109,521	11,675	39,484
1978–79	346,808	621,666	192,016	20,817	27,785	55,894	299,724	109,063	11,913	41,063
1979–80	344,536	624,084	187,499	20,608	27,942	56,374	305,333	110,582	12,007	42,189
1980–81	352,391	626,452	184,384	20,895	29,128	63,986	308,688	111,355	12,063	42,828
1981–82	² 366,732	636,475	182,295	20,889	29,611	² 67,794	316,523	113,251	11,818	42,421
1982–83	377,817	646,317	176,246	21,186	29,757	71,803	323,193	113,675	11,589	43,297
1983–84	² 379,249	646,013	170,693	21,141	29,586	² 72,991	328,296	113,570	12,068	44,882
1984–85	377,625	652,246	170,000	21,337	30,152	77,087	327,231	116,251	11,606	44,911
1985–86	369,052	658,586	169,903	21,433	29,568	76,995	329,237	118,664	12,220	44,342
1986–87	358,811	659,260	167,797	21,870	29,346	77,493	332,004	121,552	12,171	42,271
1987–88	354,180	658,491	173,778	22,488	29,153	80,905	336,338	125,539	12,382	41,582
1988–89	357,001	675,675	179,109	22,970	28,993	79,763	343,080	131,512	12,750	41,863
1989–90	375,635	700,015	186,104	24,641	28,810	79,467	351,329	138,197	13,730	42,178
1990–91	398,055	724,062	193,057	25,681	29,554	83,665	370,476	144,111	13,613	42,394
1991–92	420,265	759,475	203,398	26,820	29,366	83,966	377,078	149,440	13,839	44,780
1992–93	430,321	785,112	213,843	27,392	29,628	84,435	380,066	155,742	14,740	45,759
1993–94	³ 444,373	789,148	221,428	28,524	29,842	86,259	380,127	165,642	14,661	45,576
1994–95	451,539	776,670	224,152	28,917	29,871	88,152	383,464	173,477	15,529	45,929
1995–96	454,291	774,070	227,179	29,516	29,882	100,925	390,722	179,122	15,136	46,852

¹ Includes degrees which require at least 6 years of college work for completion (in-cluding at least 2 years of preprofessional training).
² Data are approximations.
³ Revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 255.—Degrees conferred by institutions of higher education, by control of institution, level of degree, and discipline division: 1995–96

Discipline division	Public institutions				Private institutions			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9
Total	454,291	774,070	227,179	29,516	100,925	390,722	179,122	15,136
Agriculture and natural resources ¹	5,826	19,933	3,895	1,243	356	1,498	674	28
Architecture and related programs	248	6,191	2,776	96	8	2,161	1,217	45
Area, ethnic, and cultural studies	92	3,088	990	84	19	2,698	723	100
Biological sciences/life sciences	1,961	39,634	4,296	3,291	76	21,360	1,861	1,489
Business ²	73,694	135,342	37,156	917	33,474	91,760	56,826	451
Communications	1,357	33,139	2,666	276	830	14,181	2,414	62
Communications technologies	1,590	420	102	0	167	263	422	7
Computer and information sciences	6,811	14,627	5,705	546	2,847	9,471	4,446	321
Construction trades	1,562	24	0	0	579	56	0	0
Education	8,593	78,471	67,562	5,082	1,157	27,038	38,691	1,594
Engineering	1,756	47,068	18,610	4,531	441	15,046	8,831	1,838
Engineering-related technologies	20,926	10,906	919	11	12,076	4,283	206	0
English language and literature/letters	1,225	34,023	5,817	1,172	85	16,675	2,076	363
Foreign languages and literatures	380	9,070	2,356	524	227	4,882	768	352
Health professions and related sciences	84,257	54,666	19,091	1,568	17,615	29,370	14,307	551
Home economics and vocational home economics	7,862	13,568	1,544	274	330	2,235	1,373	140
Law and legal studies	5,807	1,205	588	9	3,299	847	2,163	82
Liberal arts and sciences, general studies, and humanities	164,685	20,904	1,118	32	10,285	13,093	1,660	43
Library science	92	46	4,208	50	2	12	891	3
Mathematics	725	8,694	3,056	845	33	4,449	975	364
Mechanics and repairers	10,164	43	0	0	2,360	11	0	0
Multi/interdisciplinary studies	8,517	20,500	1,590	193	94	6,015	757	248
Parks, recreation, leisure, and fitness studies	808	10,788	1,433	101	128	3,195	318	3
Philosophy and religion	34	3,025	504	218	49	4,363	798	331
Physical sciences and science technologies	2,553	12,764	4,299	3,235	59	6,883	1,548	1,336
Precision production trades	6,466	379	0	0	3,751	22	8	0
Protective services	18,368	19,725	1,084	37	828	5,085	728	1
Psychology	1,441	48,612	5,941	1,881	142	24,679	7,851	1,830
Public administration and services	3,847	14,288	14,551	287	371	5,561	9,678	212
R.O.T.C. and military technologies	551	3	136	0	5	4	0	0
Social sciences and history	3,678	82,705	9,557	2,344	343	43,774	5,455	1,416
Theological studies/religious vocations	0	0	0	0	608	5,358	5,107	1,521
Transportation and material moving workers	1,255	1,677	106	0	316	1,884	813	0
Visual and performing arts	6,726	28,542	5,523	669	6,808	20,754	4,757	398
Not classified by field of study	434	0	0	0	1,157	1,756	780	7

¹ Includes "Agricultural business and production," "Agricultural sciences," and "Con-servation and renewable natural resources."
² Includes "Business management and administrative services," "Marketing operations/ marketing and distribution," and "Consumer and personal services."

SOURCE: U.S. Department of Education, National Center for Education Statistics, In-tegrated Postsecondary Education Data System, "Completions" survey, 1995–96 and "Consolidated" survey 1996. (This table was prepared May 1998.)

Table 256.—Degrees conferred by institutions of higher education, by control of institution, level of degree, and discipline division: 1994–95

Discipline division	Public institutions				Private institutions			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9
Total	451,539	776,670	224,152	28,917	88,152	383,464	173,477	15,529
Agriculture and natural resources ¹	5,418	18,471	3,778	1,246	312	1,370	474	18
Architecture and related programs	253	6,532	2,708	81	24	2,224	1,215	60
Area, ethnic, and cultural studies	52	2,980	963	87	16	2,726	676	99
Biological sciences/life sciences	1,802	36,640	3,904	3,274	77	19,344	1,489	1,371
Business ²	75,415	142,206	37,114	970	26,511	92,117	56,695	424
Communications	1,340	33,847	2,773	266	1,820	14,257	2,369	54
Communications technologies	1,659	471	82	0	325	228	385	1
Computer and information sciences	6,716	14,793	5,661	594	2,436	9,611	4,665	290
Construction trades	1,345	38	0	0	383	75	7	0
Education	8,414	79,536	65,265	5,139	1,244	26,543	35,977	1,766
Engineering	1,908	47,026	19,314	4,277	324	15,316	9,239	1,833
Engineering-related technologies	22,521	11,550	954	18	12,211	4,083	156	0
English language and literature/letters	1,491	34,848	5,900	1,098	57	17,053	1,945	463
Foreign languages and literatures	349	8,896	2,301	563	267	4,879	835	342
Health professions and related sciences	84,962	53,101	18,049	1,468	13,512	26,754	13,194	601
Home economics and vocational home economics	7,476	13,223	1,586	248	345	2,122	1,278	140
Law and legal studies	6,208	1,242	550	10	2,932	790	1,961	78
Liberal arts and sciences, general studies, and humanities	159,722	20,906	1,096	32	11,095	12,450	1,469	58
Library science	98	45	4,176	49	3	5	881	6
Mathematics	748	8,939	3,190	867	34	4,784	991	359
Mechanics and repairers	9,880	32	0	0	1,617	34	0	0
Multi/interdisciplinary studies	8,575	20,157	1,609	171	117	5,876	848	67
Parks, recreation, leisure, and fitness studies	730	10,234	1,375	120	134	2,655	380	29
Philosophy and religion	45	2,931	496	203	36	4,345	884	304
Physical sciences and science technologies	2,397	12,505	4,251	3,052	59	6,672	1,502	1,431
Precision production trades	6,413	336	0	0	2,931	17	5	0
Protective services	19,007	19,347	1,047	26	702	4,810	659	0
Psychology	1,437	48,255	5,985	1,766	163	23,828	7,936	2,056
Public administration and services	3,499	13,349	14,206	291	383	5,237	9,295	265
R.O.T.C. and military technologies	349	6	124	0	15	21	0	0
Social sciences and history	3,251	84,021	9,596	2,303	383	44,133	5,249	1,422
Theological studies/religious vocations	35	2	2	0	572	5,576	5,238	1,591
Transportation and material moving workers	1,174	1,693	75	0	272	2,005	748	0
Visual and performing arts	6,402	28,227	5,664	679	6,142	20,463	4,613	401
Not classified by field of study	448	285	358	19	698	1,061	219	0

¹ Includes "Agricultural business and production," "Agricultural sciences," and "Conservation and renewable natural resources."

² Includes "Business management and administrative services," "Marketing operations/marketing and distribution" and "Consumer and personal services."

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1994–95 and "Consolidated" survey 1995. (This table was prepared March 1997.)

Table 257.—Number of institutions of higher education conferring degrees, by level of degree and discipline division: 1995–96

Discipline division	Total number of institutions awarding degrees				Number of public institutions awarding degrees				Number of private institutions awarding degrees			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	2,385	1,862	1,369	488	1,268	555	497	221	1,117	1,307	872	267
Agricultural business and production ..	306	129	60	35	294	99	57	34	12	30	3	1
Agricultural sciences	97	132	79	52	89	114	76	52	8	18	3	0
Architecture and related programs	36	169	116	26	33	109	88	19	3	60	28	7
Area, ethnic, and cultural studies	36	373	111	36	33	163	65	20	3	210	46	16
Biological sciences/life sciences	188	1,230	419	222	174	471	302	149	14	759	117	73
Business management and administrative services	1,713	1,400	748	119	1,115	498	356	80	598	902	392	39
Communications	246	905	226	47	201	369	158	37	45	536	68	10
Communications technologies	157	32	10	2	142	17	2	0	15	15	8	2
Computer and information sciences ...	759	1,056	334	121	540	436	214	83	219	620	120	38
Conservation and renewable natural resources	121	279	108	46	110	151	91	41	11	128	17	5
Consumer and personal services	238	12	0	0	198	6	0	0	40	6	0	0
Construction trades	184	6	0	0	172	3	0	0	12	3	0	0
Education	383	1,140	854	217	298	424	421	148	85	716	433	69
Engineering	277	397	264	173	246	217	173	124	31	180	91	49
Engineering-related technologies	989	317	69	3	811	225	56	3	178	92	13	0
English language and literature/letters	140	1,250	415	137	126	479	292	92	14	771	123	45
Foreign languages and literatures	76	826	200	84	71	371	143	52	5	455	57	32
Health professions and related sciences	1,356	944	569	149	994	420	306	109	362	524	263	40
Home economics	88	326	185	41	73	207	122	32	15	119	63	9
Law and legal studies	482	128	66	15	313	47	26	4	169	81	40	11
Liberal arts and sciences, general studies, and humanities	1,311	723	158	22	1,014	294	76	10	297	429	82	12
Library science	31	13	70	13	29	11	58	12	2	2	12	1
Marketing operations/marketing and distribution	476	172	18	1	365	65	4	1	111	107	14	0
Mathematics	138	1,131	339	157	128	472	256	111	10	659	83	46
Mechanics and repairers	549	6	0	0	508	4	0	0	41	2	0	0
Multi/interdisciplinary studies	176	633	189	60	160	263	132	43	16	370	57	17
Parks, recreation, leisure, and fitness studies	131	513	129	27	120	242	110	25	11	271	19	2
Philosophy and religion	27	834	188	92	17	293	86	49	10	541	102	43
Physical sciences	154	1,063	340	204	144	457	245	138	10	606	95	66
Precision production trades	668	30	2	0	565	24	0	0	103	6	2	0
Protective services	805	449	110	9	729	245	81	8	76	204	29	1
Psychology	162	1,240	542	240	134	462	305	131	28	778	237	109
Public administration and services	258	640	345	77	222	299	234	46	36	341	111	31
R.O.T.C. and military technologies	4	3	1	0	3	2	1	0	1	1	0	0
Science technologies	114	18	4	3	108	8	2	3	6	10	2	0
Social sciences and history	227	1,291	414	172	191	487	297	115	36	804	117	57
Theological studies/religious vocations	85	323	252	106	0	0	0	0	85	323	252	106
Transportation and material moving workers	105	70	7	0	89	35	4	0	16	35	3	0
Visual and performing arts	555	1,203	375	94	412	445	233	60	143	758	142	34
Vocational home economics	528	39	7	1	498	14	4	1	30	25	3	0
Not classified by field of study	15	16	15	4	3	0	0	0	12	16	15	4

NOTE.—Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1995–96 and "Consolidated" survey, 1996. (This table was prepared May 1998.)

Table 258.—Number of institutions of higher education conferring degrees, by level of degree and discipline division: 1994–95

Discipline division	Total number of institutions awarding degrees				Number of public institutions awarding degrees				Number of private institutions awarding degrees			
	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees	Associate degrees	Bachelor's degrees	Master's degrees	Doctor's degrees
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	2,184	1,855	1,351	482	1,252	557	488	217	932	1,298	863	265
Agricultural business and production ..	306	129	60	32	292	98	57	31	14	31	3	1
Agricultural sciences	94	129	75	52	85	114	72	52	9	15	3	0
Architecture and related programs	44	171	119	26	36	107	92	18	8	64	27	8
Area, ethnic, and cultural studies	24	372	105	35	21	165	64	19	3	207	41	16
Biological sciences/life sciences	186	1,236	422	216	172	474	307	142	14	762	115	74
Business management and administrative services	1,577	1,383	729	118	1,097	497	352	80	480	886	377	38
Communications	227	900	226	46	187	369	156	36	40	531	70	10
Communications technologies	165	34	11	1	148	16	2	0	17	18	9	1
Computer and information sciences ...	727	1,068	339	119	529	437	209	83	198	631	130	36
Conservation and renewable natural resources	116	257	100	45	108	141	85	42	8	116	15	3
Consumer and personal services	218	12	0	0	187	7	0	0	31	5	0	0
Construction trades	179	7	1	0	166	3	0	0	13	4	1	0
Education	382	1,152	840	213	289	428	419	145	93	724	421	68
Engineering	267	393	264	171	237	214	171	122	30	179	93	49
Engineering-related technologies	969	315	70	3	801	224	55	3	168	91	15	0
English language and literature/letters	139	1,248	417	133	128	477	294	88	11	771	123	45
Foreign languages and literatures	73	841	194	85	68	367	141	52	5	474	53	33
Health professions and related sciences	1,247	937	547	148	962	423	297	107	285	514	250	41
Home economics	70	324	184	42	53	210	119	32	17	114	65	10
Law and legal studies	434	132	62	14	295	45	26	3	139	87	36	11
Liberal arts and sciences, general studies, and humanities	1,316	714	140	21	1,001	297	68	10	315	417	72	11
Library science	30	11	69	16	28	10	58	13	2	1	11	3
Marketing operations/marketing and distribution	502	177	23	3	393	66	4	2	109	111	19	1
Mathematics	139	1,145	343	157	129	472	256	108	10	673	87	49
Mechanics and repairers	529	9	0	0	495	4	0	0	34	5	0	0
Multi/interdisciplinary studies	176	612	180	59	156	257	123	40	20	355	57	19
Parks, recreation, leisure, and fitness studies	131	500	121	24	118	243	102	22	13	257	19	2
Philosophy and religion	29	839	187	90	20	286	86	49	9	553	101	41
Physical sciences	152	1,064	341	201	146	459	245	132	6	605	96	69
Precision production trades	631	26	1	0	554	21	0	0	77	5	1	0
Protective services	788	439	103	6	720	243	76	6	68	196	27	0
Psychology	155	1,241	529	233	134	460	307	128	21	781	222	105
Public administration and services	260	635	349	79	224	293	230	45	36	342	119	34
R.O.T.C. and military technologies	4	4	1	0	3	3	1	0	1	1	0	0
Science technologies	103	19	4	3	95	9	3	3	8	10	1	0
Social sciences and history	216	1,290	418	174	178	486	297	114	38	804	121	60
Theological studies/religious vocations	82	337	269	111	1	1	1	0	81	336	268	111
Transportation and material moving workers	107	66	6	0	91	33	2	0	16	33	4	0
Visual and performing arts	540	1,207	377	97	410	443	236	62	130	764	141	35
Vocational home economics	505	42	9	2	479	21	6	1	26	21	3	1
Not classified by field of study	10	14	6	1	2	2	1	1	8	12	5	0

NOTE.—Data represent programs, not organizational units within institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Completions" survey, 1994–95 and "Consolidated" survey, 1995. (This table was prepared March 1997.)

Table 259.—First-professional degrees conferred by institutions of higher education in dentistry, medicine, and law, by sex, and number of institutions conferring degrees: 1949–50 to 1995–96

Year	Dentistry (D.D.S. or D.M.D.)				Medicine (M.D.)				Law (LL.B. or J.D.)			
	Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred			Number of institutions conferring degrees	Degrees conferred		
		Total	Men	Women		Total	Men	Women		Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	40	2,579	2,561	18	72	5,612	5,028	584	(1)	(1)	(1)	(1)
1951–52	41	2,918	2,895	23	72	6,201	5,871	330	(1)	(1)	(1)	(1)
1953–54	42	3,102	3,063	39	73	6,712	6,377	335	(1)	(1)	(1)	(1)
1955–56	42	3,009	2,975	34	73	6,810	6,464	346	131	8,262	7,974	288
1957–58	43	3,065	3,031	34	75	6,816	6,469	347	131	9,394	9,122	272
1959–60	45	3,247	3,221	26	79	7,032	6,645	387	134	9,240	9,010	230
1961–62	46	3,183	3,166	17	81	7,138	6,749	389	134	9,364	9,091	273
1963–64	46	3,180	3,168	12	82	7,303	6,878	425	133	10,679	10,372	307
1965–66	47	3,178	3,146	32	84	7,673	7,170	503	136	13,246	12,776	470
1967–68	48	3,422	3,375	47	85	7,944	7,318	626	138	16,454	15,805	649
1969–70	48	3,718	3,684	34	86	8,314	7,615	699	145	14,916	14,115	801
1970–71	48	3,745	3,703	42	89	8,919	8,110	809	147	17,421	16,181	1,240
1971–72	48	3,862	3,819	43	92	9,253	8,423	830	147	21,764	20,266	1,498
1972–73	51	4,047	3,992	55	97	10,307	9,388	919	152	27,205	25,037	2,168
1973–74	52	4,440	4,355	85	99	11,356	10,093	1,263	151	29,326	25,986	3,340
1974–75	52	4,773	4,627	146	104	12,447	10,818	1,629	154	29,296	24,881	4,415
1975–76	56	5,425	5,187	238	107	13,426	11,252	2,174	166	32,293	26,085	6,208
1976–77	57	5,138	4,764	374	109	13,461	10,891	2,570	169	34,104	26,447	7,657
1977–78	57	5,189	4,623	566	109	14,279	11,210	3,069	169	34,402	25,457	8,945
1978–79	58	5,434	4,794	640	109	14,786	11,381	3,405	175	35,206	25,180	10,026
1979–80	58	5,258	4,558	700	112	14,902	11,416	3,486	179	35,647	24,893	10,754
1980–81	58	5,460	4,672	788	116	15,505	11,672	3,833	176	36,331	24,563	11,768
1981–82	59	5,282	4,467	815	119	15,814	11,867	3,947	180	35,991	23,965	12,026
1982–83	59	5,585	4,631	954	118	15,484	11,350	4,134	177	36,853	23,550	13,303
1983–84	60	5,353	4,302	1,051	119	15,813	11,359	4,454	179	37,012	23,382	13,630
1984–85	59	5,339	4,233	1,106	120	16,041	11,167	4,874	181	37,491	23,070	14,421
1985–86	59	5,046	3,907	1,139	120	15,938	11,022	4,916	181	35,844	21,874	13,970
1986–87	58	4,741	3,603	1,138	121	15,428	10,431	4,997	179	36,056	21,561	14,495
1987–88	57	4,477	3,300	1,177	122	15,358	10,278	5,080	180	35,397	21,067	14,330
1988–89	58	4,265	3,124	1,141	124	15,460	10,310	5,150	182	35,634	21,069	14,565
1989–90	57	4,100	2,834	1,266	124	15,075	9,923	5,152	182	36,485	21,079	15,406
1990–91	55	3,699	2,510	1,189	121	15,043	9,629	5,414	179	37,945	21,643	16,302
1991–92	52	3,593	2,431	1,162	120	15,243	9,796	5,447	177	38,848	22,260	16,588
1992–93	55	3,605	2,383	1,222	122	15,531	9,679	5,852	184	40,302	23,182	17,120
1993–94	53	3,787	2,330	1,457	121	15,368	9,544	5,824	185	40,044	22,826	17,218
1994–95	53	3,897	2,480	1,417	119	15,537	9,507	6,030	183	39,349	22,592	16,757
1995–96	53	3,697	2,374	1,323	119	15,341	9,061	6,280	183	39,828	22,508	17,320

¹ Data prior to 1955–56 are not shown because they lack comparability with the figures for subsequent years.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 260.—First-professional degrees¹ conferred by institutions of higher education, by sex of student, control of institution, and field of study: 1984–85 to 1995–96

Control of institution and field of study	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94			1994–95			1995–96		
	Total	Total	Total	Total	Total	Total	Total	Total	Total	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Total, all institutions	75,063	73,910	71,617	70,735	70,856	70,988	71,948	74,146	75,387	75,418	44,707	30,711	75,800	44,853	30,947	76,734	44,748	31,986
Dentistry (D.D.S. or D.M.D.)	5,339	5,046	4,741	4,477	4,265	4,100	3,699	3,593	3,605	3,787	2,330	1,457	3,897	2,480	1,417	3,697	2,374	1,323
Medicine (M.D.)	16,041	15,938	15,428	15,358	15,460	15,075	15,043	15,243	15,531	15,368	9,544	5,824	15,537	9,507	6,030	15,341	9,061	6,280
Optometry (O.D.)	1,115	1,029	1,082	1,023	1,093	1,072	1,115	1,232	1,148	1,103	554	549	1,185	538	647	1,231	568	663
Osteopathic medicine (D.O.)	1,489	1,547	1,618	1,544	1,635	1,555	1,459	1,326	1,627	1,798	1,165	633	1,854	1,249	605	1,895	1,232	663
Pharmacy (Pharm.D.)	861	903	861	962	1,074	1,199	1,244	1,339	1,904	1,936	643	1,293	2,264	785	1,479	2,555	873	1,682
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	582	612	590	645	636	675	589	504	476	465	330	135	545	370	175	650	453	197
Veterinary medicine (D.V.M.)	2,178	2,270	2,230	2,235	2,157	2,151	2,032	2,044	2,057	2,089	798	1,291	2,148	762	1,386	2,109	715	1,394
Chiropractic (D.C. or D.C.M.)	2,661	3,395	2,493	2,628	2,890	2,581	2,640	2,694	2,799	2,806	2,010	796	2,968	2,094	874	3,379	2,470	909
Law (LL.B. or J.D.)	37,491	35,844	36,056	35,397	35,634	36,485	37,945	38,848	40,302	40,044	22,826	17,218	39,349	22,592	16,757	39,828	22,508	17,320
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,221	7,283	6,518	6,466	6,012	5,851	5,695	5,251	5,447	5,967	4,486	1,481	5,978	4,443	1,535	5,879	4,400	1,479
Other	85	43	0	0	0	244	487	2,072	491	55	21	34	75	33	42	170	94	76
Total, public institutions	30,152	29,568	29,346	29,153	28,993	28,810	29,554	29,366	29,628	29,842	17,040	12,802	29,871	16,898	12,973	29,882	16,586	13,296
Dentistry (D.D.S. or D.M.D.)	3,051	2,827	2,655	2,524	2,512	2,353	2,308	2,200	2,167	2,189	1,377	812	2,236	1,477	759	2,198	1,455	743
Medicine (M.D.)	10,071	9,991	9,711	9,557	9,491	9,108	9,364	9,259	9,370	9,506	5,977	3,529	9,599	5,905	3,694	9,370	5,570	3,800
Optometry (O.D.)	456	441	454	429	451	444	477	595	460	471	219	252	461	203	258	499	234	265
Osteopathic medicine (D.O.)	455	486	480	434	500	458	493	416	490	531	349	182	492	322	170	528	337	191
Pharmacy (Pharm.D.)	416	473	475	615	679	727	808	852	1,171	1,185	390	795	1,344	489	855	1,557	553	1,004
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Veterinary medicine (D.V.M.)	1,963	1,931	2,003	2,014	1,943	1,943	1,814	1,831	1,840	1,895	744	1,151	1,927	689	1,238	1,889	650	1,239
Chiropractic (D.C. or D.C.M.)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Law (LL.B. or J.D.)	13,695	13,419	13,568	13,580	13,417	13,585	14,290	14,097	14,130	14,065	7,984	6,081	13,812	7,813	5,999	13,841	7,787	6,054
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other	43	0	0	0	0	192	0	116	0	0	0	0	0	0	0	0	0	0
Total, private institutions	44,911	44,342	42,271	41,582	41,863	42,178	42,394	44,780	45,759	45,576	27,667	17,909	45,929	27,955	17,974	46,852	28,162	18,690
Dentistry (D.D.S. or D.M.D.)	2,288	2,219	2,086	1,953	1,753	1,747	1,391	1,393	1,438	1,598	953	645	1,661	1,003	658	1,499	919	580
Medicine (M.D.)	5,970	5,947	5,717	5,801	5,969	5,967	5,679	5,984	6,161	5,862	3,567	2,295	5,938	3,602	2,336	5,971	3,491	2,480
Optometry (O.D.)	659	588	628	594	642	628	638	637	688	632	335	297	724	335	389	732	334	398
Osteopathic medicine (D.O.)	1,034	1,061	1,138	1,110	1,135	1,097	966	910	1,137	1,267	816	451	1,362	927	435	1,367	895	472
Pharmacy (Pharm.D.)	445	430	386	347	395	472	436	487	733	751	253	498	920	296	624	998	320	678
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	582	612	590	645	636	675	589	504	476	465	330	135	545	370	175	650	453	197
Veterinary medicine (D.V.M.)	215	339	227	221	214	208	218	213	217	194	54	140	221	73	148	220	65	155
Chiropractic (D.C. or D.C.M.)	2,661	3,395	2,493	2,628	2,890	2,581	2,640	2,694	2,799	2,806	2,010	796	2,968	2,094	874	3,379	2,470	909
Law (LL.B. or J.D.)	23,796	22,425	22,488	21,817	22,217	22,900	23,655	24,751	26,172	25,979	14,842	11,137	25,537	14,779	10,758	25,987	14,721	11,266
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.)	7,219	7,283	6,518	6,466	6,012	5,851	5,695	5,251	5,447	5,967	4,486	1,481	5,978	4,443	1,535	5,879	4,400	1,479
Other	42	43	0	0	0	52	487	1,956	491	55	21	34	75	33	42	170	94	76

¹Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 261.—Associate degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1995–96

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Total							Total						
1976–77 ¹	404,956	342,290	33,159	16,636	7,044	2,498	3,329	100.0	84.5	8.2	4.1	1.7	0.6	0.8
1978–79 ²	396,745	331,092	34,979	16,269	7,518	2,336	4,551	100.0	83.5	8.8	4.1	1.9	0.6	1.1
1980–81 ³	410,174	339,167	35,330	17,800	8,650	2,584	6,643	100.0	82.7	8.6	4.3	2.1	0.6	1.6
1984–85 ⁴	429,815	355,343	35,791	19,407	9,914	2,953	6,407	100.0	82.7	8.3	4.5	2.3	0.7	1.5
1986–87	436,304	361,861	35,447	19,334	11,779	3,195	4,688	100.0	82.9	8.1	4.4	2.7	0.7	1.1
1988–89 ^{5,6}	432,144	354,865	34,664	20,384	12,519	3,331	6,381	100.0	82.1	8.0	4.7	2.9	0.8	1.5
1989–90 ^{5,7}	450,263	369,580	35,327	22,195	13,482	3,530	6,149	100.0	82.1	7.8	4.9	3.0	0.8	1.4
1990–91 ^{5,8}	462,030	376,081	37,657	24,251	13,725	3,672	6,644	100.0	81.4	8.2	5.2	3.0	0.8	1.4
1991–92 ^{5,9}	494,387	400,530	39,411	26,905	15,596	4,008	7,937	100.0	81.0	8.0	5.4	3.2	0.8	1.6
1992–93 ^{5,10}	508,154	405,883	42,340	29,991	16,632	4,379	8,929	100.0	79.9	8.3	5.9	3.3	0.9	1.8
1993–94 ^{5,11}	529,106	418,301	45,461	32,074	18,433	4,871	9,966	100.0	79.1	8.6	6.1	3.5	0.9	1.9
1994–95 ^{5,12}	538,545	419,323	47,142	36,013	20,717	5,492	9,858	100.0	77.9	8.8	6.7	3.8	1.0	1.8
1995–96 ^{5,13}	553,625	425,028	51,672	38,163	23,091	5,556	10,115	100.0	76.8	9.3	6.9	4.2	1.0	1.8
	Men							Men						
1976–77 ¹	209,672	178,236	15,330	9,105	3,630	1,216	2,155	100.0	85.0	7.3	4.3	1.7	0.6	1.0
1978–79 ²	187,284	156,671	14,425	8,135	4,058	1,069	2,926	100.0	83.7	7.7	4.3	2.2	0.6	1.6
1980–81 ³	183,819	151,242	14,290	8,327	4,557	1,108	4,295	100.0	82.3	7.8	4.5	2.5	0.6	2.3
1984–85 ⁴	190,409	157,278	14,184	8,561	5,492	1,198	3,696	100.0	82.6	7.4	4.5	2.9	0.6	1.9
1986–87	190,839	158,132	13,959	8,760	6,169	1,263	2,556	100.0	82.9	7.3	4.6	3.2	0.7	1.3
1988–89 ^{5,6}	183,963	150,978	12,884	9,217	6,366	1,323	3,195	100.0	82.1	7.0	5.0	3.5	0.7	1.7
1989–90 ^{5,7}	188,631	154,748	13,147	9,859	6,477	1,433	2,967	100.0	82.0	7.0	5.2	3.4	0.8	1.6
1990–91 ^{5,8}	190,221	155,330	13,718	10,210	6,440	1,373	3,150	100.0	81.7	7.2	5.4	3.4	0.7	1.7
1991–92 ^{5,9}	202,808	164,799	14,294	11,536	7,254	1,531	3,394	100.0	81.3	7.0	5.7	3.6	0.8	1.7
1992–93 ^{5,10}	209,051	167,312	15,497	12,924	7,877	1,663	3,778	100.0	80.0	7.4	6.2	3.8	0.8	1.8
1993–94 ^{5,11}	214,462	170,137	16,917	13,204	8,288	1,836	4,080	100.0	79.3	7.9	6.2	3.9	0.9	1.9
1994–95 ^{5,12}	217,730	169,475	16,786	15,717	9,283	2,106	4,363	100.0	77.8	7.7	7.2	4.3	1.0	2.0
1995–96 ^{5,13}	218,977	168,858	17,854	15,700	10,204	1,989	4,372	100.0	77.1	8.2	7.2	4.7	0.9	2.0
	Women							Women						
1976–77 ¹	195,284	164,054	17,829	7,531	3,414	1,282	1,174	100.0	84.0	9.1	3.9	1.7	0.7	0.6
1978–79 ²	209,461	174,421	20,554	8,134	3,460	1,267	1,625	100.0	83.3	9.8	3.9	1.7	0.6	0.8
1980–81 ³	226,355	187,925	21,040	9,473	4,093	1,476	2,348	100.0	83.0	9.3	4.2	1.8	0.7	1.0
1984–85 ⁴	239,406	198,065	21,607	10,846	4,422	1,755	2,711	100.0	82.7	9.0	4.5	1.8	0.7	1.1
1986–87	245,465	203,729	21,488	10,574	5,610	1,932	2,132	100.0	83.0	8.8	4.3	2.3	0.8	0.9
1988–89 ^{5,6}	248,181	203,887	21,780	11,167	6,153	2,008	3,186	100.0	82.2	8.8	4.5	2.5	0.8	1.3
1989–90 ^{5,7}	261,632	214,832	22,180	12,336	7,005	2,097	3,182	100.0	82.1	8.5	4.7	2.7	0.8	1.2
1990–91 ^{5,8}	271,809	220,751	23,939	14,041	7,285	2,299	3,494	100.0	81.2	8.8	5.2	2.7	0.8	1.3
1991–92 ^{5,9}	291,579	235,731	25,117	15,369	8,342	2,477	4,543	100.0	80.8	8.6	5.3	2.9	0.8	1.6
1992–93 ^{5,10}	299,103	238,571	26,843	17,067	8,755	2,716	5,151	100.0	79.8	9.0	5.7	2.9	0.9	1.7
1993–94 ^{5,11}	314,644	248,164	28,544	18,870	10,145	3,035	5,886	100.0	78.9	9.1	6.0	3.2	1.0	1.9
1994–95 ^{5,12}	320,815	249,848	30,356	20,296	11,434	3,386	5,495	100.0	77.9	9.5	6.3	3.6	1.1	1.7
1995–96 ^{5,13}	334,648	256,170	33,818	22,463	12,887	3,567	5,743	100.0	76.5	10.1	6.7	3.9	1.1	1.7

¹ Excludes 1,170 men and 251 women whose racial/ethnic group was not available.
² Excludes 4,807 men and 1,150 women whose racial/ethnic group was not available.
³ Excludes 4,819 men and 1,384 women whose racial/ethnic group was not available.
⁴ Racial/ethnic data were imputed for approximately 45,400 men and 55,400 women.
This tabulation excludes 11,490 men and 10,862 women whose racial/ethnic group could not be imputed. In addition, data for 1,033 men and 1,512 women were not available by field of study and were not imputed by race.
⁵ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.
⁶ Excludes 2,353 men and 2,267 women whose racial/ethnic group and field of study were not available.
⁷ Excludes 2,564 men and 2,275 women whose racial/ethnic group and field of study were not available.
⁸ Excludes 8,413 men and 11,277 women whose racial/ethnic group and field of study were not available.
⁹ Excludes 4,673 men and 5,171 women whose racial/ethnic group and field of study were not available.
¹⁰ Excludes 2,913 men and 3,689 women whose racial/ethnic group and field of study were not available.
¹¹ Excludes 799 men and 727 women whose racial/ethnic group and field of study were not available.
¹² Excludes 622 men and 524 women whose racial/ethnic group and field of study were not available.
¹³ Excludes 537 men and 1,054 women whose racial/ethnic group and field of study were not available.
NOTE.—For years 1984–85 to 1995–96, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Because of rounding, percents may not add to 100.0.
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1998.)

Table 262.—Associate degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1995–96

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	553,625	425,028	51,672	38,163	23,091	5,556	10,115	218,977	168,858	17,854	15,700	10,204	1,989	4,372	334,648	256,170	33,818	22,463	12,887	3,567	5,743
Agriculture and natural resources	6,182	5,851	56	113	22	68	72	4,218	4,028	35	60	11	42	42	1,964	1,823	21	53	11	26	30
Architecture and related programs	256	219	3	20	5	3	6	40	32	1	4	1	1	1	216	187	2	16	4	2	5
Area, ethnic, and cultural studies	111	25	20	13	3	38	12	28	2	4	6	0	13	3	83	23	16	7	3	25	9
Biological sciences/life sciences	2,037	1,402	118	196	217	44	60	817	557	49	76	89	15	31	1,220	845	69	120	128	29	29
Business	107,168	78,779	12,620	7,611	4,585	938	2,635	32,323	24,059	3,405	2,142	1,500	206	1,011	74,845	54,720	9,215	5,469	3,085	732	1,624
Communications	2,187	1,678	201	148	101	11	48	1,077	836	104	82	41	4	10	1,110	842	97	66	60	7	38
Communications technologies	1,757	1,366	190	100	40	14	47	1,169	943	114	60	26	8	18	588	423	76	40	14	6	29
Computer and information sciences	9,658	6,727	1,242	717	563	165	244	4,954	3,605	483	351	313	67	135	4,704	3,122	759	366	250	98	109
Construction trades	2,141	1,832	85	68	116	27	13	2,035	1,748	80	62	108	24	13	1,066	84	5	6	8	3	0
Education	9,750	7,321	1,006	879	238	208	98	3,109	2,426	307	208	94	45	29	6,641	4,895	699	671	144	163	69
Engineering	2,197	1,692	155	119	149	12	70	1,914	1,481	126	100	135	10	62	283	211	29	19	14	2	8
Engineering-related technologies	33,002	25,646	2,929	2,481	1,406	245	295	28,871	22,566	2,392	2,212	1,254	204	243	4,131	3,080	537	269	152	41	52
English language and literature/letters	1,310	745	97	154	80	24	210	471	240	32	58	36	10	95	839	505	65	96	44	14	115
Foreign languages and literatures	607	417	11	101	26	1	51	163	114	2	28	9	0	10	444	303	9	73	17	1	41
Health professions and related sciences	101,872	84,750	8,302	4,143	3,169	823	685	17,295	13,684	1,363	1,050	893	142	163	84,577	71,066	6,939	3,093	2,276	681	522
Home economics and vocational home economics	8,192	5,791	1,089	716	328	87	181	757	475	93	61	96	9	23	7,435	5,316	996	655	232	78	158
Law and legal studies	9,106	7,217	1,041	620	133	65	30	1,119	779	170	113	33	16	8	7,987	6,438	871	507	100	49	22
Liberal arts and sciences, general studies, and humanities	174,970	131,859	15,401	13,754	8,307	1,815	3,834	67,994	51,496	5,351	5,313	3,410	657	1,767	106,976	80,363	10,050	8,441	4,897	1,158	2,067
Library science	94	75	4	4	11	0	13	9	1	1	2	0	0	81	66	3	3	9	0	0	0
Mathematics	758	449	37	110	105	9	48	463	268	27	68	62	7	31	295	181	10	42	43	2	17
Mechanics and repairers	12,524	9,974	870	737	661	137	145	11,723	9,396	781	683	615	122	126	801	578	89	54	46	15	19
Multi/interdisciplinary studies	8,611	6,637	901	511	400	72	90	4,212	3,215	461	265	191	33	47	4,399	3,422	440	246	209	39	43
Parks, recreation, leisure and fitness studies	936	734	101	54	20	7	20	545	418	63	33	15	4	12	391	316	38	21	5	3	8
Philosophy and religion	83	67	4	6	3	2	1	45	34	1	5	3	1	1	38	33	3	1	0	1	0
Physical sciences and science technologies	2,612	1,895	217	146	228	31	95	1,458	1,077	120	85	112	14	50	1,154	818	97	61	116	17	45
Precision production trades	10,217	8,315	455	771	509	89	78	8,119	6,615	356	639	374	75	60	2,098	1,700	99	132	135	14	18
Protective services	19,196	15,363	1,801	1,385	382	199	66	13,427	11,163	895	897	301	123	48	5,769	4,200	906	488	81	76	18
Psychology	1,583	1,117	150	182	59	43	32	406	272	43	52	21	6	12	1,177	845	107	130	38	37	20
Public administration and services	4,218	2,595	938	454	99	89	43	765	441	164	92	28	21	19	3,453	2,154	774	362	71	68	24
R.O.T.C. and military technologies	556	457	75	1	22	1	0	514	426	66	0	21	1	0	42	31	9	1	1	0	0
Social sciences and history	4,021	2,505	449	520	268	130	149	1,488	933	162	183	105	31	74	2,533	1,572	287	337	163	99	75
Theological studies and religious vocations	608	467	79	31	10	3	18	314	237	40	23	6	1	7	294	230	39	8	4	2	11
Transportation and material moving workers	1,571	1,269	132	58	60	5	47	1,325	1,083	104	55	46	5	32	246	186	28	3	14	0	15
Visual and performing arts	13,534	9,972	893	1,240	766	151	692	5,806	4,200	459	633	253	72	189	7,728	5,592	434	607	513	79	503

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 537 men and 1,054 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1998.)

Table 263.—Associate degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	538,545	419,323	47,142	36,013	20,717	5,492	9,858	217,730	169,475	16,786	15,717	9,283	2,106	4,363	320,815	249,848	30,356	20,296	11,434	3,386	5,495
Agriculture and natural resources	5,730	5,380	57	118	37	82	56	4,001	3,772	39	78	25	50	37	1,729	1,608	18	40	12	32	19
Architecture and related programs	277	243	4	17	4	1	8	70	58	1	7	2	1	1	207	185	3	10	2	0	7
Area, ethnic, and cultural studies	68	19	9	8	2	16	14	17	3	2	3	0	6	3	51	16	7	5	2	10	11
Biological sciences/life sciences	1,879	1,225	150	191	195	41	77	752	503	53	70	82	11	33	1,127	722	97	121	113	30	44
Business	101,926	76,068	11,366	6,972	4,089	987	2,444	31,902	24,098	3,120	2,146	1,328	260	950	70,024	51,970	8,246	4,826	2,761	727	1,494
Communications	3,160	2,687	216	135	53	24	45	1,624	1,429	90	60	22	10	13	1,536	1,258	126	75	31	14	32
Communications technologies	1,984	1,512	194	155	56	13	54	1,298	1,010	110	103	34	10	31	686	502	84	52	22	3	23
Computer and information sciences	9,152	6,470	1,037	757	517	113	258	4,743	3,500	418	371	266	46	142	4,409	2,970	619	386	251	67	116
Construction trades	1,728	1,456	81	68	81	29	13	1,598	1,336	78	66	79	27	12	130	120	3	2	2	2	1
Education	9,658	7,350	915	855	221	223	94	3,058	2,252	311	268	104	76	47	6,600	5,098	604	587	117	147	47
Engineering	2,232	1,703	153	121	157	22	76	1,931	1,489	124	97	132	19	70	301	214	29	24	25	3	6
Engineering-related technologies	34,732	27,453	2,866	2,405	1,391	257	360	30,820	24,466	2,383	2,176	1,266	226	303	3,912	2,987	483	229	125	31	57
English language and literature/letters	1,548	756	103	194	149	25	321	505	227	38	68	47	3	122	1,043	529	65	126	102	22	199
Foreign languages and literatures	616	466	10	78	28	1	33	177	130	6	23	10	1	7	439	336	4	55	18	0	26
Health professions and related sciences	98,474	83,473	7,211	3,654	2,701	812	623	16,530	13,598	1,081	846	688	164	153	81,944	69,875	6,130	2,808	2,013	648	470
Home economics and vocational home economics	7,821	5,580	1,005	667	300	89	180	815	496	116	69	86	10	38	7,006	5,084	889	598	214	79	142
Law and legal studies	9,140	7,278	986	637	145	73	21	1,163	857	157	94	33	17	5	7,977	6,421	829	543	112	56	16
Liberal arts and sciences, general studies, and humanities	170,817	130,736	14,545	12,574	7,434	1,765	3,763	67,834	51,870	5,413	5,033	3,159	624	1,735	102,983	78,866	9,132	7,541	4,275	1,141	2,028
Library science	101	91	4	0	6	0	9	8	8	0	0	1	0	0	92	83	4	0	5	0	0
Mathematics	782	488	46	101	95	13	39	438	253	26	57	62	8	32	344	235	20	44	33	5	7
Mechanics and repairers	11,497	9,089	745	755	593	143	172	10,754	8,553	663	691	550	132	165	743	536	82	64	43	11	7
Multi/interdisciplinary studies	8,692	6,863	884	434	372	45	94	4,228	3,334	422	236	166	24	46	4,464	3,529	462	198	206	21	48
Parks, recreation, leisure and fitness studies	864	680	81	50	19	6	28	501	381	51	34	13	2	20	363	299	30	16	6	4	8
Philosophy and religion	81	66	3	9	2	0	1	52	43	2	4	2	0	1	29	23	1	5	0	0	0
Physical sciences and science technologies	2,456	1,840	173	132	187	33	91	1,424	1,099	86	79	94	20	46	1,032	741	87	53	93	13	45
Precision production trades	9,344	7,605	373	734	449	92	91	7,453	6,108	280	601	337	67	60	1,891	1,497	93	133	112	25	31
Protective services	19,709	15,395	1,601	2,078	347	219	69	14,202	11,399	801	1,525	288	145	44	5,507	3,996	800	553	59	74	25
Psychology	1,600	1,163	128	196	59	35	19	446	308	48	53	19	13	5	1,154	855	80	143	40	22	14
Public administration and services	3,882	2,484	859	360	83	82	14	783	489	164	74	28	25	3	3,099	1,995	695	286	55	57	11
R.O.T.C. and military technologies	364	279	36	28	13	3	5	331	253	32	25	13	3	5	33	26	4	3	0	0	0
Social sciences and history	3,634	2,418	425	361	213	94	123	1,461	977	183	143	75	31	52	2,173	1,441	242	218	138	63	71
Theological studies and religious vocations	607	521	34	21	11	5	15	309	263	19	12	8	1	6	298	258	15	9	3	4	9
Transportation and material moving workers	1,446	1,154	88	103	45	18	38	1,226	982	77	88	38	15	26	220	172	11	15	7	3	12
Visual and performing arts	12,544	9,332	754	1,045	663	131	619	5,275	3,931	392	517	226	59	150	7,269	5,401	362	528	437	72	469

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 622 men and 524 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1997.)

Table 264.—Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1995–96

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Total							Total						
1976–77 ¹	917,900	807,688	58,636	18,743	13,793	3,326	15,714	100.0	88.0	6.4	2.0	1.5	0.4	1.7
1978–79 ²	919,540	802,542	60,246	20,096	15,407	3,410	17,839	100.0	87.3	6.6	2.2	1.7	0.4	1.9
1980–81 ³	934,800	807,319	60,673	21,832	18,794	3,593	22,589	100.0	86.4	6.5	2.3	2.0	0.4	2.4
1984–85 ⁴	968,311	826,106	57,473	25,874	25,395	4,246	29,217	100.0	85.3	5.9	2.7	2.6	0.4	3.0
1986–87 ⁵	991,264	841,818	56,560	26,988	32,624	3,968	29,306	100.0	84.9	5.7	2.7	3.3	0.4	3.0
1988–89 ^{5,6}	1,016,350	859,703	58,078	29,918	37,674	3,951	27,026	100.0	84.6	5.7	2.9	3.7	0.4	2.7
1989–90 ^{5,7}	1,048,631	884,376	61,063	32,844	39,248	4,392	26,708	100.0	84.3	5.8	3.1	3.7	0.4	2.5
1990–91 ^{5,8}	1,081,280	904,062	65,341	36,612	41,618	4,513	29,134	100.0	83.6	6.0	3.4	3.8	0.4	2.7
1991–92 ^{5,9}	1,129,833	936,771	72,326	40,761	46,720	5,176	28,079	100.0	82.9	6.4	3.6	4.1	0.5	2.5
1992–93 ^{5,10}	1,159,931	947,309	77,872	45,376	51,463	5,671	32,240	100.0	81.7	6.7	3.9	4.4	0.5	2.8
1993–94 ^{5,11}	1,165,973	936,227	83,576	50,241	55,660	6,189	34,080	100.0	80.3	7.2	4.3	4.8	0.5	2.9
1994–95 ^{5,12}	1,158,788	913,377	87,203	54,201	60,478	6,606	36,923	100.0	78.8	7.5	4.7	5.2	0.6	3.2
1995–96 ^{5,13}	1,163,036	904,709	91,166	58,288	64,359	6,970	37,544	100.0	77.8	7.8	5.0	5.5	0.6	3.2
	Men							Men						
1976–77 ¹	494,424	438,161	25,147	10,318	7,638	1,804	11,356	100.0	88.6	5.1	2.1	1.5	0.4	2.3
1978–79 ²	476,065	418,215	24,659	10,418	8,261	1,736	12,776	100.0	87.8	5.2	2.2	1.7	0.4	2.7
1980–81 ³	469,625	406,173	24,511	10,810	10,107	1,700	16,324	100.0	86.5	5.2	2.3	2.2	0.4	3.5
1984–85 ⁴	476,148	405,085	23,018	12,402	13,554	1,998	20,091	100.0	85.1	4.8	2.6	2.8	0.4	4.2
1986–87 ⁵	480,782	406,749	22,501	12,865	17,253	1,817	19,597	100.0	84.6	4.7	2.7	3.6	0.4	4.1
1988–89 ^{5,6}	481,946	407,154	22,370	13,950	19,260	1,730	17,482	100.0	84.5	4.6	2.9	4.0	0.4	3.6
1989–90 ^{5,7}	490,317	413,573	23,262	14,941	19,721	1,859	16,961	100.0	84.3	4.7	3.0	4.0	0.4	3.5
1990–91 ^{5,8}	496,424	415,505	24,328	16,158	20,678	1,901	17,854	100.0	83.7	4.9	3.3	4.2	0.4	3.6
1991–92 ^{5,9}	516,976	429,842	26,956	17,976	23,248	2,182	16,772	100.0	83.1	5.2	3.5	4.5	0.4	3.2
1992–93 ^{5,10}	530,541	435,084	28,883	19,865	25,293	2,449	18,967	100.0	82.0	5.4	3.7	4.8	0.5	3.6
1993–94 ^{5,11}	530,804	429,121	30,648	21,807	26,938	2,616	19,674	100.0	80.8	5.8	4.1	5.1	0.5	3.7
1994–95 ^{5,12}	525,174	417,006	31,775	23,600	28,973	2,736	21,084	100.0	79.4	6.1	4.5	5.5	0.5	4.0
1995–96 ^{5,13}	521,439	408,829	32,852	24,994	30,630	2,885	21,249	100.0	78.4	6.3	4.8	5.9	0.6	4.1
	Women							Women						
1976–77 ¹	423,476	369,527	33,489	8,425	6,155	1,522	4,358	100.0	87.3	7.9	2.0	1.5	0.4	1.0
1978–79 ²	443,475	384,327	35,587	9,678	7,146	1,674	5,063	100.0	86.7	8.0	2.2	1.6	0.4	1.1
1980–81 ³	465,175	401,146	36,162	11,022	8,687	1,893	6,265	100.0	86.2	7.8	2.4	1.9	0.4	1.3
1984–85 ⁴	492,163	421,021	34,455	13,472	11,841	2,248	9,126	100.0	85.5	7.0	2.7	2.4	0.5	1.9
1986–87 ⁵	510,482	435,069	34,059	14,123	15,371	2,151	9,709	100.0	85.2	6.7	2.8	3.0	0.4	1.9
1988–89 ^{5,6}	534,404	452,549	35,708	15,968	18,414	2,221	9,544	100.0	84.7	6.7	3.0	3.4	0.4	1.8
1989–90 ^{5,7}	558,314	470,803	37,801	17,903	19,527	2,533	9,747	100.0	84.3	6.8	3.2	3.5	0.5	1.7
1990–91 ^{5,8}	584,856	488,557	41,013	20,454	20,940	2,612	11,280	100.0	83.5	7.0	3.5	3.6	0.4	1.9
1991–92 ^{5,9}	612,857	506,929	45,370	22,785	23,472	2,994	11,307	100.0	82.7	7.4	3.7	3.8	0.5	1.8
1992–93 ^{5,10}	629,390	512,225	48,989	25,511	26,170	3,222	13,273	100.0	81.4	7.8	4.1	4.2	0.5	2.1
1993–94 ^{5,11}	635,169	507,106	52,928	28,434	28,722	3,573	14,406	100.0	79.8	8.3	4.5	4.5	0.6	2.3
1994–95 ^{5,12}	633,614	496,371	55,428	30,601	31,505	3,870	15,839	100.0	78.3	8.7	4.8	5.0	0.6	2.5
1995–96 ^{5,13}	641,597	495,880	58,314	33,294	33,729	4,085	16,295	100.0	77.3	9.1	5.2	5.3	0.6	2.5

¹ Excludes 1,121 men and 528 women whose racial/ethnic group was not available.
² Excludes 1,279 men and 571 women whose racial/ethnic group was not available.
³ Excludes 258 men and 82 women whose racial/ethnic group was not available.
⁴ Excludes 6,380 men and 4,786 women whose racial/ethnic group was not available.
⁵ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.
⁶ Excludes 1,400 men and 1,005 women whose racial/ethnic group and field of study were not available.
⁷ Excludes 1,379 men and 1,334 women whose racial/ethnic group and field of study were not available.
⁸ Excludes 7,621 men and 5,637 women whose racial/ethnic group and field of study were not available.
⁹ Excludes 3,835 men and 2,885 women whose racial/ethnic group and field of study were not available.
¹⁰ Excludes 2,340 men and 2,907 women whose racial/ethnic group and field of study were not available.
¹¹ Excludes 1,618 men and 1,684 women whose racial/ethnic group and field of study were not available.
¹² Excludes 957 men and 389 women whose racial/ethnic group and field of study were not available.
¹³ Excludes 1,015 men and 741 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1995–96, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Because of rounding, percents may not add to 100.0.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1998.)

Table 265.—Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1995–96

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	1,163,036	904,709	91,166	58,288	64,359	6,970	37,544	521,439	408,829	32,852	24,994	30,630	2,885	21,249	641,597	495,880	58,314	33,294	33,729	4,085	16,295
Agriculture and natural resources	21,431	19,286	606	573	448	171	347	13,535	12,341	323	337	215	100	219	7,896	6,945	283	236	233	71	128
Architecture and related programs	8,352	6,293	317	576	706	33	427	5,340	4,088	207	369	392	23	261	3,012	2,205	110	207	314	10	166
Area, ethnic, and cultural studies	5,786	3,583	690	573	668	68	204	1,984	1,226	228	186	222	21	101	3,802	2,357	462	387	446	47	103
Biological sciences/life sciences	60,994	44,676	3,874	2,616	8,143	324	1,361	28,849	21,586	1,261	1,269	3,976	147	610	32,145	23,090	2,613	1,347	4,167	177	751
Business	227,102	168,220	20,190	11,286	13,523	1,089	12,794	116,842	89,656	7,728	5,488	6,131	518	7,321	110,260	78,564	12,462	5,798	7,392	571	5,473
Communications	47,320	38,144	4,220	2,049	1,430	198	1,279	19,391	16,016	1,520	797	495	80	483	27,929	22,128	2,700	1,252	935	118	796
Communications technologies	683	564	74	9	12	8	16	369	321	31	4	5	2	6	314	243	43	5	7	6	10
Computer and information sciences	24,098	15,827	2,471	1,042	2,502	91	2,165	17,468	12,198	1,248	678	1,734	51	1,559	6,630	3,629	1,223	364	768	40	606
Construction trades	80	73	2	0	0	0	5	76	69	2	0	0	0	5	4	4	0	0	0	0	0
Education	105,509	91,259	7,149	3,792	1,517	886	906	26,233	22,539	1,863	889	415	234	293	79,276	68,720	5,286	2,903	1,102	652	613
Engineering	62,114	44,185	3,073	2,883	6,968	249	4,756	51,069	36,922	2,016	2,292	5,503	200	4,136	11,045	7,263	1,057	591	1,465	49	620
Engineering-related technologies	15,189	11,719	1,326	748	727	105	564	13,763	10,785	1,033	678	661	86	520	1,426	934	293	70	66	19	44
English language and literature/letters	50,698	42,166	3,499	2,235	1,979	273	546	17,253	14,673	900	750	623	110	197	33,445	27,493	2,599	1,485	1,356	163	349
Foreign languages and literatures	13,952	10,137	488	2,122	695	61	449	4,219	3,182	112	602	184	14	125	9,733	6,955	376	1,520	511	47	324
Health professions and related sciences	84,036	69,156	6,317	2,912	4,013	520	1,118	15,432	12,515	938	650	982	95	252	68,604	56,641	5,379	2,262	3,031	425	866
Home economics and vocational home economics	15,803	13,351	1,101	448	552	98	253	1,885	1,531	159	66	74	17	38	13,918	11,820	942	382	478	81	215
Law and legal studies	2,052	1,634	214	104	75	14	11	556	431	51	34	30	6	4	1,496	1,203	163	70	45	8	7
Liberal arts and sciences, general studies, and humanities	33,997	26,053	3,474	2,470	1,193	279	528	13,379	10,682	1,173	747	446	98	233	20,618	15,371	2,301	1,723	747	181	295
Library science	58	52	3	0	2	0	1	8	5	1	0	1	0	1	50	47	2	0	1	0	0
Mathematics	13,143	10,033	986	558	955	54	557	7,134	5,366	465	334	552	31	386	6,009	4,667	521	224	403	23	171
Mechanics and repairers	54	39	3	2	2	4	4	48	36	2	1	1	4	4	6	3	1	1	1	0	0
Multi/interdisciplinary studies	26,515	20,043	2,115	2,192	1,568	210	387	9,286	7,129	668	540	675	66	208	17,229	12,914	1,447	1,652	893	144	179
Parks, recreation, leisure and fitness studies	13,983	12,146	790	579	219	79	170	7,090	6,022	457	350	113	46	102	6,893	6,124	333	229	106	33	68
Philosophy and religion	7,388	6,182	346	307	375	20	158	4,859	4,071	209	219	242	12	106	2,529	2,111	137	88	133	8	52
Physical sciences and science technologies	19,647	15,551	1,130	566	1,605	108	687	12,578	10,277	497	355	934	77	438	7,069	5,274	633	211	671	31	249
Precision production trades	401	345	32	13	7	0	4	305	261	24	12	6	0	2	96	84	8	1	1	0	2
Protective services	24,810	18,386	3,710	1,918	447	222	127	15,274	11,979	1,687	1,106	294	126	82	9,536	6,407	2,023	812	153	96	45
Psychology	73,291	57,254	6,157	4,640	3,744	482	1,014	19,817	15,582	1,455	1,218	1,151	136	275	53,474	41,672	4,702	3,422	2,593	346	739
Public administration and services	19,849	14,205	3,433	1,290	546	194	181	4,205	2,942	747	286	147	33	50	15,644	11,263	2,686	1,004	399	161	131
R.O.T.C. and military sciences	7	7	0	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	126,479	96,637	10,977	7,366	6,892	811	3,796	65,872	51,938	4,635	3,568	3,242	395	2,094	60,607	44,699	6,342	3,798	3,650	416	1,702
Theological studies and religious vocations	5,358	4,740	205	106	122	20	165	4,044	3,630	139	74	74	17	110	1,314	1,110	66	32	48	3	55
Transportation and material moving workers	3,561	3,020	192	137	75	21	116	3,143	2,681	159	118	67	19	99	418	339	33	19	8	2	17
Visual and performing arts	49,296	39,743	2,002	2,176	2,649	278	2,448	20,126	16,142	914	977	1,043	121	929	29,170	23,601	1,088	1,199	1,606	157	1,519

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 1,015 men and 741 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1998.)

Table 266.—Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	1,158,788	913,377	87,203	54,201	60,478	6,606	36,923	525,174	417,006	31,775	23,600	28,973	2,736	21,084	633,614	496,371	55,428	30,601	31,505	3,870	15,839
Agriculture and natural resources	19,841	17,986	472	460	424	163	336	12,692	11,645	233	280	204	99	231	7,149	6,341	239	180	220	64	105
Architecture and related programs	8,756	6,716	345	544	704	28	419	5,741	4,470	213	366	404	17	271	3,015	2,246	132	178	300	11	148
Area, ethnic, and cultural studies	5,706	3,704	650	519	558	47	228	2,092	1,321	221	189	196	25	140	3,614	2,383	429	330	362	22	88
Biological sciences/life sciences	55,984	41,573	3,303	2,331	7,208	291	1,278	26,687	20,276	1,004	1,102	3,553	131	621	29,297	21,297	2,299	1,229	3,655	160	657
Business	234,323	176,471	20,286	10,753	13,174	999	12,640	121,898	95,039	7,991	5,258	6,029	478	7,103	112,425	81,432	12,295	5,495	7,145	521	5,537
Communications	48,104	39,240	4,036	2,014	1,378	204	1,232	20,028	16,808	1,389	773	490	79	489	28,076	22,432	2,647	1,241	888	125	743
Communications technologies	699	553	86	14	16	2	28	376	318	30	8	8	1	11	323	235	56	6	8	1	17
Computer and information sciences	24,404	15,932	2,563	1,077	2,425	113	2,294	17,463	12,095	1,273	730	1,623	75	1,667	6,941	3,837	1,290	347	802	38	627
Construction trades	113	95	8	0	2	1	7	91	75	6	0	2	1	7	22	20	2	0	0	0	0
Education	106,079	93,033	6,658	3,430	1,381	846	731	25,641	22,347	1,640	823	382	214	235	80,438	70,686	5,018	2,607	999	632	496
Engineering	62,342	44,735	2,908	2,724	6,939	226	4,810	51,646	37,662	1,890	2,203	5,467	180	4,244	10,696	7,073	1,018	521	1,472	46	566
Engineering-related technologies	15,633	12,332	1,262	688	714	115	522	14,133	11,253	1,035	610	639	99	497	1,500	1,079	227	78	75	16	25
English language and literature/letters	51,901	43,881	3,303	2,101	1,755	288	573	17,810	15,495	816	686	524	99	190	34,091	28,386	2,487	1,415	1,231	189	383
Foreign languages and literatures	13,775	10,251	498	1,903	591	55	477	4,243	3,284	134	526	154	12	133	9,532	6,967	364	1,377	437	43	344
Health professions and related sciences	79,855	66,402	5,806	2,601	3,563	467	1,016	14,443	11,757	869	543	910	95	269	65,412	54,645	4,937	2,058	2,653	372	747
Home economics and vocational home economics	15,345	13,103	1,051	395	459	93	244	1,808	1,487	154	47	71	8	41	13,537	11,616	897	348	388	85	203
Law and legal studies	2,032	1,646	211	88	66	14	7	595	467	67	26	28	5	2	1,437	1,179	144	62	38	9	5
Liberal arts and sciences, general studies, and humanities	33,356	25,842	3,155	2,413	1,091	298	557	13,157	10,557	1,077	791	380	100	252	20,199	15,285	2,078	1,622	711	198	305
Library science	50	46	2	0	0	1	1	2	2	0	0	0	0	0	48	44	2	0	0	1	1
Mathematics	13,723	10,559	1,011	520	984	59	590	7,295	5,589	485	306	530	30	355	6,428	4,970	526	214	454	29	235
Mechanics and repairers	66	57	2	0	2	0	5	63	56	2	0	1	0	4	3	1	0	0	1	0	1
Multi/interdisciplinary studies	26,033	20,006	1,893	2,088	1,478	147	421	9,158	7,081	649	557	608	56	207	16,875	12,925	1,244	1,531	870	91	214
Parks, recreation, leisure and fitness studies	12,889	11,245	715	499	183	74	173	6,724	5,769	439	310	87	34	85	6,165	5,476	276	189	96	40	88
Philosophy and religion	7,276	6,102	326	315	346	42	145	4,670	3,911	194	238	199	24	104	2,606	2,191	132	77	147	18	41
Physical sciences and science technologies	19,177	15,398	1,056	507	1,387	102	727	12,497	10,319	505	320	809	69	475	6,680	5,079	551	187	578	33	252
Precision production trades	353	281	43	11	12	1	5	247	200	29	8	7	1	2	106	81	14	3	5	0	3
Protective services	24,157	17,980	3,702	1,701	420	203	151	15,049	11,845	1,726	983	287	107	101	9,108	6,135	1,976	718	133	96	50
Psychology	72,083	57,297	5,878	4,149	3,404	417	938	19,548	15,653	1,439	1,111	990	123	232	52,535	41,644	4,439	3,038	2,414	294	706
Public administration and services	18,586	13,533	3,026	1,170	467	205	185	3,935	2,833	640	253	134	36	39	14,651	10,700	2,386	917	333	169	146
R.O.T.C. and military sciences	27	26	0	0	1	0	0	24	23	0	0	1	0	0	3	3	0	0	0	0	0
Social sciences and history	128,154	99,544	10,562	7,002	6,626	798	3,622	68,139	54,659	4,466	3,462	3,136	389	2,027	60,015	44,885	6,096	3,540	3,490	409	1,595
Theological studies and religious vocations	5,578	4,830	243	136	151	24	194	4,201	3,707	160	99	96	16	123	1,377	1,123	83	37	55	8	71
Transportation and material moving workers	3,698	3,213	168	120	101	24	72	3,297	2,880	139	105	90	21	62	401	333	29	15	11	3	10
Visual and performing arts	48,690	39,765	1,975	1,928	2,468	259	2,295	19,781	16,123	860	887	934	112	865	28,909	23,642	1,115	1,041	1,534	147	1,430

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 957 men and 389 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1997.)

Table 267.—Master’s degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1995–96

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Total							Total						
1976–77 ¹	316,602	266,061	21,037	6,071	5,122	967	17,344	100.0	84.0	6.6	1.9	1.6	0.3	5.5
1978–79 ²	300,255	249,360	19,418	5,555	5,496	999	19,427	100.0	83.0	6.5	1.9	1.8	0.3	6.5
1980–81 ³	294,183	241,216	17,133	6,461	6,282	1,034	22,057	100.0	82.0	5.8	2.2	2.1	0.4	7.5
1984–85 ⁴	280,421	223,628	13,939	6,864	7,782	1,256	26,952	100.0	79.7	5.0	2.4	2.8	0.4	9.6
1986–87 ⁵	289,349	228,874	13,873	7,044	8,559	1,103	29,896	100.0	79.1	4.8	2.4	3.0	0.4	10.3
1988–89 ^{5,6}	309,770	242,764	14,095	7,277	10,335	1,086	34,213	100.0	78.4	4.6	2.3	3.3	0.4	11.0
1989–90 ^{5,7}	322,465	251,690	15,446	7,950	10,577	1,101	35,701	100.0	78.1	4.8	2.5	3.3	0.3	11.1
1990–91 ^{5,8}	328,645	255,281	16,139	8,386	11,180	1,136	36,523	100.0	77.7	4.9	2.6	3.4	0.3	11.1
1991–92 ^{5,9}	348,682	268,371	18,116	9,358	12,658	1,273	38,906	100.0	77.0	5.2	2.7	3.6	0.4	11.2
1992–93 ^{5,10}	368,701	278,829	19,780	10,665	13,866	1,407	44,154	100.0	75.6	5.4	2.9	3.8	0.4	12.0
1993–94 ^{5,11}	385,419	288,288	21,937	11,913	15,267	1,697	46,317	100.0	74.8	5.7	3.1	4.0	0.4	12.0
1994–95 ^{5,12}	397,052	292,784	24,171	12,907	16,842	1,621	48,727	100.0	73.7	6.1	3.3	4.2	0.4	12.3
1995–96 ^{5,13}	405,521	297,558	25,801	14,412	18,161	1,778	47,811	100.0	73.4	6.4	3.6	4.5	0.4	11.8
	Men							Men						
1976–77 ¹	167,396	139,210	7,781	3,268	3,123	521	13,493	100.0	83.2	4.6	2.0	1.9	0.3	8.1
1978–79 ²	152,637	124,058	7,070	2,786	3,325	495	14,903	100.0	81.3	4.6	1.8	2.2	0.3	9.8
1980–81 ³	145,666	115,562	6,158	3,085	3,773	501	16,587	100.0	79.3	4.2	2.1	2.6	0.3	11.4
1984–85 ⁴	139,417	106,059	5,200	3,059	4,842	583	19,674	100.0	76.1	3.7	2.2	3.5	0.4	14.1
1986–87 ⁵	141,269	105,572	5,153	3,331	5,239	518	21,456	100.0	74.7	3.6	2.4	3.7	0.4	15.2
1988–89 ^{5,6}	148,872	109,715	5,175	3,325	6,048	476	24,133	100.0	73.7	3.5	2.2	4.1	0.3	16.2
1989–90 ^{5,7}	152,926	112,877	5,539	3,586	6,002	463	24,459	100.0	73.8	3.6	2.3	3.9	0.3	16.0
1990–91 ^{5,8}	151,796	111,224	5,709	3,670	6,319	459	24,415	100.0	73.3	3.8	2.4	4.2	0.3	16.1
1991–92 ^{5,9}	159,543	116,096	6,054	4,132	7,062	523	25,676	100.0	72.8	3.8	2.6	4.4	0.3	16.1
1992–93 ^{5,10}	168,754	120,225	6,821	4,735	7,544	586	28,843	100.0	71.2	4.0	2.8	4.5	0.3	17.1
1993–94 ^{5,11}	175,355	123,854	7,413	5,113	8,225	691	30,059	100.0	70.6	4.2	2.9	4.7	0.4	17.1
1994–95 ^{5,12}	178,123	123,809	8,103	5,490	8,920	659	31,142	100.0	69.5	4.5	3.1	5.0	0.4	17.5
1995–96 ^{5,13}	178,661	124,514	8,442	5,833	9,373	704	29,795	100.0	69.7	4.7	3.3	5.2	0.4	16.7
	Women							Women						
1976–77 ¹	149,206	126,851	13,256	2,803	1,999	446	3,851	100.0	85.0	8.9	1.9	1.3	0.3	2.6
1978–79 ²	147,618	125,302	12,348	2,769	2,171	504	4,524	100.0	84.9	8.4	1.9	1.5	0.3	3.1
1980–81 ³	148,517	125,654	10,975	3,376	2,509	533	5,470	100.0	84.6	7.4	2.3	1.7	0.4	3.7
1984–85 ⁴	141,004	117,569	8,739	3,805	2,940	673	7,278	100.0	83.4	6.2	2.7	2.1	0.5	5.2
1986–87 ⁵	148,080	123,302	8,720	3,713	3,320	585	8,440	100.0	83.3	5.9	2.5	2.2	0.4	5.7
1988–89 ^{5,6}	160,898	133,049	8,920	3,952	4,287	610	10,080	100.0	82.7	5.5	2.5	2.7	0.4	6.3
1989–90 ^{5,7}	169,539	138,813	9,907	4,364	4,575	638	11,242	100.0	81.9	5.8	2.6	2.7	0.4	6.6
1990–91 ^{5,8}	176,849	144,057	10,430	4,716	4,861	677	12,108	100.0	81.5	5.9	2.7	2.7	0.4	6.8
1991–92 ^{5,9}	189,139	152,275	12,062	5,226	5,596	750	13,230	100.0	80.5	6.4	2.8	3.0	0.4	7.0
1992–93 ^{5,10}	199,947	158,604	12,959	5,930	6,322	821	15,311	100.0	79.3	6.5	3.0	3.2	0.4	7.7
1993–94 ^{5,11}	210,064	164,434	14,524	6,800	7,042	1,006	16,258	100.0	78.3	6.9	3.2	3.4	0.5	7.7
1994–95 ^{5,12}	218,929	168,975	16,068	7,417	7,922	962	17,585	100.0	77.2	7.3	3.4	3.6	0.4	8.0
1995–96 ^{5,13}	226,860	173,044	17,359	8,579	8,788	1,074	18,016	100.0	76.3	7.7	3.8	3.9	0.5	7.9

¹ Excludes 387 men and 175 women whose racial/ethnic group was not available.
² Excludes 733 men and 91 women whose racial/ethnic group was not available.
³ Excludes 1,377 men and 179 women whose racial/ethnic group was not available.
⁴ Excludes 3,973 men and 1,857 women whose racial/ethnic group was not available.
⁵ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.
⁶ Excludes 482 men and 369 women whose racial/ethnic group and field of study were not available.
⁷ Excludes 727 men and 1,109 women whose racial/ethnic group and field of study were not available.
⁸ Excludes 4,686 men and 3,837 women whose racial/ethnic group and field of study were not available.
⁹ Excludes 2,299 men and 1,857 women whose racial/ethnic group and field of study were not available.
¹⁰ Excludes 504 men and 380 women whose racial/ethnic group and field of study were not available.
¹¹ Excludes 730 men and 921 women whose racial/ethnic group and field of study were not available.
¹² Excludes 475 men and 102 women whose racial/ethnic group and field of study were not available.
¹³ Excludes 420 men and 360 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1995–96, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Because of rounding, percents may not add to 100.0.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), “Degrees and Other Formal Awards Conferred” surveys, and Integrated Postsecondary Education Data System (IPEDS), “Completions” surveys. (This table was prepared June 1998.)

Table 268.—Master's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1995–96

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	405,521	297,558	25,801	14,412	18,161	1,778	47,811	178,661	124,514	8,442	5,833	9,373	704	29,795	226,860	173,044	17,359	8,579	8,788	1,074	18,016
Agriculture and natural resources	4,569	3,334	116	101	124	15	879	2,650	1,922	63	59	50	6	550	1,919	1,412	53	42	74	9	329
Architecture and related programs	3,993	2,664	142	187	248	11	741	2,361	1,607	73	97	136	6	442	1,632	1,057	69	90	112	5	299
Area, ethnic, and cultural studies	1,713	1,198	115	99	98	24	179	798	558	38	60	42	9	91	915	640	77	39	56	15	88
Biological sciences/life sciences	6,157	4,262	207	161	533	17	977	2,902	2,044	79	69	246	9	455	3,255	2,218	128	92	287	8	522
Business	93,982	65,685	5,753	2,938	5,417	302	13,887	58,685	41,964	2,611	1,800	3,194	184	8,932	35,297	23,721	3,142	1,138	2,223	118	4,955
Communications	5,080	3,471	406	146	170	14	873	1,900	1,326	108	60	55	7	344	3,180	2,145	298	86	115	7	529
Communications technologies	524	297	26	15	20	4	162	271	167	12	8	7	2	75	253	130	14	7	13	2	87
Computer and information sciences	10,151	4,382	406	178	1,321	25	3,839	7,444	3,384	221	129	829	18	2,863	2,707	998	185	49	492	7	976
Construction trades	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	106,253	87,310	8,557	4,628	1,833	598	3,327	25,214	20,376	1,991	1,110	464	159	1,114	81,039	66,934	6,566	3,518	1,369	439	2,213
Engineering	27,441	14,250	704	707	2,755	59	8,966	22,735	11,972	484	546	2,103	54	7,576	4,706	2,278	220	161	652	5	1,390
Engineering-related technologies	1,125	843	62	36	45	3	136	906	682	44	27	37	2	114	219	161	18	9	8	1	22
English language and literature/letters	7,893	6,736	292	228	223	48	366	2,814	2,410	85	95	68	20	136	5,079	4,326	207	133	155	28	230
Foreign languages and literatures	3,124	2,054	55	322	117	12	564	1,017	692	23	99	31	4	168	2,107	1,362	32	223	86	8	396
Health professions and related sciences	33,398	27,008	1,875	996	1,832	156	1,531	7,021	5,122	311	235	670	41	642	26,377	21,886	1,564	761	1,162	115	889
Home economics and vocational home economics	2,917	2,293	192	94	74	24	240	496	374	38	15	9	6	54	2,421	1,919	154	79	65	18	186
Law and legal studies	2,751	1,245	119	79	100	10	1,198	1,751	791	53	56	59	6	786	1,000	454	66	23	41	4	412
Liberal arts and sciences, general studies, and humanities	2,778	2,347	136	70	54	10	161	961	791	46	24	21	4	75	1,817	1,556	90	46	33	6	86
Library science	5,099	4,411	211	116	146	15	200	1,071	928	31	34	31	2	45	4,028	3,483	180	82	115	13	155
Mathematics	4,031	2,430	165	92	256	7	1,081	2,465	1,459	86	59	145	6	710	1,566	971	79	33	111	1	371
Multi/interdisciplinary studies	2,347	1,865	119	73	85	11	194	1,082	848	40	38	31	7	118	1,265	1,017	79	35	54	4	76
Parks, recreation, leisure and fitness studies	1,751	1,483	124	36	17	8	83	911	773	54	22	9	3	50	840	710	70	14	8	5	33
Philosophy and religion	1,302	1,067	37	39	34	2	123	845	682	21	26	26	0	90	457	385	16	13	8	2	33
Physical sciences and science technologies	5,847	3,548	123	102	327	10	1,737	3,966	2,459	63	69	182	6	1,187	1,881	1,089	60	33	145	4	550
Precision production trades	8	6	1	0	0	0	1	6	4	1	0	0	0	1	2	2	0	0	0	0	0
Protective services	1,812	1,437	240	64	25	11	35	1,151	957	118	30	14	9	23	661	480	122	34	11	2	12
Psychology	13,792	11,249	992	682	346	84	439	3,813	3,157	254	173	82	23	124	9,979	8,092	738	509	264	61	315
Public administration and services	24,229	17,968	3,004	1,267	713	165	1,112	6,927	4,989	753	378	227	49	531	17,302	12,979	2,251	889	486	116	581
R.O.T.C. and military technologies	136	127	5	0	1	0	3	132	123	5	0	1	0	3	4	4	0	0	0	0	0
Social sciences and history	15,012	10,339	911	511	530	80	2,641	8,093	5,637	380	273	269	32	1,502	6,919	4,702	531	238	261	48	1,139
Theological studies and religious vocations	5,107	3,858	298	95	242	9	605	3,056	2,314	159	50	136	6	391	2,051	1,544	139	45	106	3	214
Transportation and material moving workers	919	830	26	26	19	5	13	856	784	20	22	17	5	8	63	46	6	4	2	0	5
Visual and performing arts	10,280	7,561	382	324	456	39	1,518	4,361	3,218	177	170	182	19	595	5,919	4,343	205	154	274	20	923

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 420 men and 360 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1998.)

Table 269.—Master's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	397,052	292,784	24,171	12,907	16,842	1,621	48,727	178,123	123,809	8,103	5,490	8,920	659	31,142	218,929	168,975	16,068	7,417	7,922	962	17,585
Agriculture and natural resources	4,252	3,007	116	98	129	15	887	2,551	1,787	57	54	59	11	583	1,701	1,220	59	44	70	4	304
Architecture and related programs	3,923	2,628	142	155	282	9	707	2,310	1,557	73	93	134	4	449	1,613	1,071	69	62	148	5	258
Area, ethnic, and cultural studies	1,639	1,138	121	93	86	12	189	765	542	47	49	39	4	84	874	596	74	44	47	8	105
Biological sciences/life sciences	5,393	3,741	169	154	431	21	877	2,602	1,805	52	68	215	11	451	2,791	1,936	117	86	216	10	426
Business	93,809	66,553	5,165	2,590	4,924	311	14,266	59,109	42,711	2,427	1,621	2,902	199	9,249	34,700	23,842	2,738	969	2,022	112	5,017
Communications	5,142	3,597	376	131	171	21	846	1,869	1,358	105	45	46	7	308	3,273	2,239	271	86	125	14	538
Communications technologies	467	259	34	12	14	0	148	239	149	16	8	5	0	61	228	110	18	4	9	0	87
Computer and information sciences	10,326	4,521	372	207	1,329	17	3,880	7,627	3,488	215	160	847	12	2,905	2,699	1,033	157	47	482	5	975
Construction trades	7	0	3	1	0	0	3	4	0	1	1	0	0	2	3	0	2	0	0	0	1
Education	101,242	83,646	8,163	4,048	1,706	514	3,165	23,806	19,303	1,875	1,032	411	133	1,052	77,436	64,343	6,288	3,016	1,295	381	2,113
Engineering	28,553	14,686	706	688	2,732	45	9,696	23,935	12,323	494	561	2,153	42	8,362	4,618	2,363	212	127	579	3	1,334
Engineering-related technologies	1,110	808	58	31	46	6	161	897	649	42	27	40	4	135	213	159	16	4	6	2	26
English language and literature/letters	7,845	6,758	300	198	192	38	359	2,764	2,418	74	73	63	15	121	5,081	4,340	226	125	129	23	238
Foreign languages and literatures	3,136	2,071	75	288	112	5	585	995	690	27	83	28	3	164	2,141	1,381	48	205	84	2	421
Health professions and related sciences	31,243	25,244	1,682	849	1,590	131	1,747	6,754	4,879	293	233	606	28	715	24,489	20,365	1,389	616	984	103	1,032
Home economics and vocational home economics	2,864	2,176	238	92	76	12	270	492	359	26	25	13	3	66	2,372	1,817	212	67	63	9	204
Law and legal studies	2,511	1,228	89	65	59	6	1,064	1,680	818	43	47	38	3	731	831	410	46	18	21	3	333
Liberal arts and sciences, general studies, and humanities	2,565	2,114	158	70	39	14	170	924	747	60	24	8	7	78	1,641	1,367	98	46	31	7	92
Library science	5,057	4,384	227	114	146	12	174	1,054	925	30	27	26	3	43	4,003	3,459	197	87	120	9	131
Mathematics	4,181	2,523	162	72	257	11	1,156	2,543	1,485	70	52	147	5	784	1,638	1,038	92	20	110	6	372
Multi/interdisciplinary studies	2,457	2,001	131	65	75	13	172	1,093	860	54	28	42	7	102	1,364	1,141	77	37	33	6	70
Parks, recreation, leisure and fitness studies	1,755	1,519	64	33	20	7	112	892	769	36	20	10	4	53	863	750	28	13	10	3	59
Philosophy and religion	1,380	1,128	44	51	27	9	121	875	704	31	28	18	4	90	505	424	13	23	9	5	31
Physical sciences and science technologies	5,753	3,385	156	119	307	23	1,763	4,013	2,401	91	79	199	15	1,228	1,740	984	65	40	108	8	535
Precision production trades	5	5	0	0	0	0	0	4	0	0	0	0	0	1	1	0	0	0	0	0	0
Protective services	1,706	1,321	252	54	33	3	43	912	705	117	34	20	3	33	794	616	135	20	13	0	10
Psychology	13,921	11,562	898	579	310	88	484	3,893	3,240	228	164	82	31	148	10,028	8,322	670	415	228	57	336
Public administration and services	23,501	18,056	2,702	1,128	593	137	885	6,870	5,030	739	357	205	38	501	16,631	13,026	1,963	771	388	99	384
R.O.T.C. and military technologies	124	105	7	4	7	1	0	117	99	6	4	7	1	0	7	6	1	0	0	0	0
Social sciences and history	14,845	10,299	874	483	485	87	2,617	8,207	5,636	403	248	255	32	1,633	6,638	4,663	471	235	230	55	984
Theological studies and religious vocations	5,240	3,949	274	120	230	4	663	3,178	2,322	177	84	157	2	436	2,062	1,627	97	36	73	2	227
Transportation and material moving workers	823	741	30	19	18	6	9	775	703	26	18	16	4	8	48	38	4	1	2	2	1
Visual and performing arts	10,277	7,631	383	296	416	43	1,508	4,374	3,343	168	143	129	24	567	5,903	4,288	215	153	287	19	941

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 475 men and 102 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1997.)

Table 270.—Doctor's degrees¹ conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1995–96

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Total							Total						
1976–77 ²	33,126	26,851	1,253	522	658	95	3,747	100.0	81.1	3.8	1.6	2.0	0.3	11.3
1978–79 ³	32,675	26,138	1,268	439	811	104	3,915	100.0	80.0	3.9	1.3	2.5	0.3	12.0
1980–81 ⁴	32,839	25,908	1,265	456	877	130	4,203	100.0	78.9	3.9	1.4	2.7	0.4	12.8
1984–85 ⁵	32,307	23,934	1,154	677	1,106	119	5,317	100.0	74.1	3.6	2.1	3.4	0.4	16.5
1986–87 ⁶	34,041	24,434	1,057	751	1,098	105	6,596	100.0	71.8	3.1	2.2	3.2	0.3	19.4
1988–89 ^{6,7}	35,659	24,884	1,066	629	1,323	85	7,672	100.0	69.8	3.0	1.8	3.7	0.2	21.5
1989–90 ^{6,8}	38,113	25,880	1,153	788	1,235	99	8,958	100.0	67.9	3.0	2.1	3.2	0.3	23.5
1990–91 ^{6,9}	38,547	25,328	1,211	732	1,459	102	9,715	100.0	65.7	3.1	1.9	3.8	0.3	25.2
1991–92 ^{6,10}	40,090	25,813	1,223	811	1,559	118	10,566	100.0	64.4	3.1	2.0	3.9	0.3	26.4
1992–93 ^{6,11}	42,021	26,700	1,352	827	1,582	106	11,454	100.0	63.5	3.2	2.0	3.8	0.3	27.3
1993–94 ^{6,12}	43,149	27,156	1,393	903	2,025	134	11,538	100.0	62.9	3.2	2.1	4.7	0.3	26.7
1994–95 ^{6,13}	44,427	27,826	1,667	984	2,690	130	11,130	100.0	62.6	3.8	2.2	6.1	0.3	25.1
1995–96 ^{6,14}	44,645	27,756	1,636	999	2,646	158	11,450	100.0	62.2	3.7	2.2	5.9	0.4	25.6
	Men							Men						
1976–77 ²	25,036	20,032	766	383	540	67	3,248	100.0	80.0	3.1	1.5	2.2	0.3	13.0
1978–79 ³	23,488	18,433	734	294	646	69	3,312	100.0	78.5	3.1	1.3	2.8	0.3	14.1
1980–81 ⁴	22,595	17,310	694	277	655	95	3,564	100.0	76.6	3.1	1.2	2.9	0.4	15.8
1984–85 ⁵	21,296	15,017	561	431	802	64	4,421	100.0	70.5	2.6	2.0	3.8	0.3	20.8
1986–87 ⁶	22,061	14,812	485	441	794	57	5,472	100.0	67.1	2.2	2.0	3.6	0.3	24.8
1988–89 ^{6,7}	22,597	14,541	491	350	945	50	6,220	100.0	64.3	2.2	1.5	4.2	0.2	27.5
1989–90 ^{6,8}	24,248	15,105	533	423	871	49	7,267	100.0	62.3	2.2	1.7	3.6	0.2	30.0
1990–91 ^{6,9}	24,333	14,565	581	387	987	58	7,755	100.0	59.9	2.4	1.6	4.1	0.2	31.9
1991–92 ^{6,10}	25,168	14,674	576	458	1,062	65	8,333	100.0	58.3	2.3	1.8	4.2	0.3	33.1
1992–93 ^{6,11}	25,980	14,902	615	439	1,041	51	8,932	100.0	57.4	2.4	1.7	4.0	0.2	34.4
1993–94 ^{6,12}	26,531	15,126	631	465	1,373	66	8,870	100.0	57.0	2.4	1.8	5.2	0.2	33.4
1994–95 ^{6,13}	26,898	15,354	731	488	1,758	58	8,509	100.0	57.1	2.7	1.8	6.5	0.2	31.6
1995–96 ^{6,14}	26,836	15,101	730	516	1,693	80	8,716	100.0	56.3	2.7	1.9	6.3	0.3	32.5
	Women							Women						
1976–77 ²	8,090	6,819	487	139	118	28	499	100.0	84.3	6.0	1.7	1.5	0.3	6.2
1978–79 ³	9,187	7,705	534	145	165	35	603	100.0	83.9	5.8	1.6	1.8	0.4	6.6
1980–81 ⁴	10,244	8,598	571	179	222	35	639	100.0	83.9	5.6	1.7	2.2	0.3	6.2
1984–85 ⁵	11,011	8,917	593	246	304	55	896	100.0	81.0	5.4	2.2	2.8	0.5	8.1
1986–87 ⁶	11,980	9,622	572	310	304	48	1,124	100.0	80.3	4.8	2.6	2.5	0.4	9.4
1988–89 ^{6,7}	13,062	10,343	575	279	378	35	1,452	100.0	79.2	4.4	2.1	2.9	0.3	11.1
1989–90 ^{6,8}	13,865	10,775	620	365	364	50	1,691	100.0	77.7	4.5	2.6	2.6	0.4	12.2
1990–91 ^{6,9}	14,214	10,763	630	345	472	44	1,960	100.0	75.7	4.4	2.4	3.3	0.3	13.8
1991–92 ^{6,10}	14,922	11,139	647	353	497	53	2,233	100.0	74.6	4.3	2.4	3.3	0.4	15.0
1992–93 ^{6,11}	16,041	11,798	737	388	541	55	2,522	100.0	73.5	4.6	2.4	3.4	0.3	15.7
1993–94 ^{6,12}	16,618	12,030	762	438	652	68	2,668	100.0	72.4	4.6	2.6	3.9	0.4	16.1
1994–95 ^{6,13}	17,529	12,472	936	496	932	72	2,621	100.0	71.2	5.3	2.8	5.3	0.4	15.0
1995–96 ^{6,14}	17,809	12,655	906	483	953	78	2,734	100.0	71.1	5.1	2.7	5.4	0.4	15.4

¹ Includes Ph.D., Ed.D, and comparable degrees at the doctoral level. Excludes first-professional degrees.

² Excludes 106 men whose racial/ethnic group was not available.

³ Excludes 53 men and 2 women whose racial/ethnic group was not available.

⁴ Excludes 116 men and 3 women whose racial/ethnic group was not available.

⁵ Excludes 404 men and 232 women whose racial/ethnic group was not available.

⁶ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

⁷ Excludes 51 men and 10 women whose racial/ethnic group and field of study were not available.

⁸ Excludes 153 men and 105 women whose racial/ethnic group and field of study were not available.

⁹ Excludes 423 men and 324 women whose racial/ethnic group and field of study were not available.

¹⁰ Excludes 389 men and 180 women whose racial/ethnic group and field of study were not available.

¹¹ Excludes 93 men and 18 women whose racial/ethnic group and field of study were not available.

¹² Excludes 21 men and 15 women whose racial/ethnic group and field of study were not available.

¹³ Excludes 18 men and 1 woman whose racial/ethnic group and field of study were not available.

¹⁴ Excludes 5 men and 2 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1995–96, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Because of rounding, percents may not add to 100.0.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1998.)

Table 271.—Doctor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1995–96

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	44,645	27,756	1,636	999	2,646	158	11,450	26,836	15,101	730	516	1,693	80	8,716	17,809	12,655	906	483	953	78	2,734
Agriculture and natural resources	1,271	575	23	11	72	3	587	935	403	21	8	51	1	451	336	172	2	3	21	2	136
Architecture and related programs	141	67	5	0	6	0	63	96	38	3	0	5	0	50	45	29	2	0	1	0	13
Area, ethnic, and cultural studies	184	117	22	3	13	1	28	94	55	8	2	7	1	21	90	62	14	1	6	0	7
Biological sciences/life sciences	4,780	2,838	79	101	464	14	1,284	2,773	1,610	43	55	264	6	795	2,007	1,228	36	46	200	8	489
Business	1,368	817	45	20	77	6	403	974	529	26	14	58	5	342	394	288	19	6	19	1	61
Communications	338	232	19	5	12	0	70	184	124	10	4	6	0	40	154	108	9	1	6	0	30
Communications technologies	7	0	1	0	4	0	2	6	0	0	0	4	0	2	1	0	1	0	0	0	0
Computer and information sciences	867	367	10	9	84	2	395	741	302	10	8	72	2	347	126	65	0	1	12	0	48
Education	6,676	5,128	564	218	157	51	558	2,525	1,899	175	86	60	16	289	4,151	3,229	389	132	97	35	269
Engineering	6,369	2,507	74	89	570	12	3,117	5,570	2,125	55	72	482	10	2,826	799	382	19	17	88	2	291
Engineering-related technologies	11	3	0	0	1	0	7	10	3	0	0	1	0	6	1	0	0	0	0	0	1
English language and literature/letters	1,535	1,240	50	32	46	5	162	590	460	16	12	17	3	82	945	780	34	20	29	2	80
Foreign languages and literatures	876	499	8	64	45	1	259	387	209	3	28	18	0	129	489	290	5	36	27	1	130
Health professions and related sciences	2,119	1,342	64	52	166	2	493	919	493	18	15	90	1	302	1,200	849	46	37	76	1	191
Home economics and vocational home economics	414	289	33	9	8	0	75	117	83	8	5	3	0	18	297	206	25	4	5	0	57
Law and legal studies	91	40	2	3	5	0	41	59	24	1	1	2	0	31	32	16	1	2	3	0	10
Liberal arts and sciences, general studies, and humanities	75	61	6	1	2	0	5	33	28	3	1	0	0	1	42	33	3	0	2	0	4
Library science	53	39	2	1	6	0	5	10	6	0	1	2	0	1	43	33	2	0	4	0	4
Mathematics	1,209	547	9	9	98	1	545	962	427	7	8	73	1	446	247	120	2	1	25	0	99
Multi/interdisciplinary studies	441	301	38	11	16	4	71	218	131	22	5	7	2	51	223	170	16	6	9	2	20
Parks, recreation, leisure and fitness studies	104	71	7	2	3	0	21	65	39	4	2	2	0	18	39	32	3	0	1	0	3
Philosophy and religion	549	436	15	8	14	1	75	385	301	10	6	7	1	60	164	135	5	2	7	0	15
Physical sciences and science technologies	4,571	2,446	56	68	389	11	1,601	3,515	1,864	39	58	267	7	1,280	1,056	582	17	10	122	4	321
Precision production trades	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective services	38	32	2	0	2	0	2	22	17	1	0	2	0	2	16	15	1	0	0	0	0
Psychology	3,711	3,087	159	148	100	23	194	1,259	1,047	41	45	28	12	86	2,452	2,040	118	103	72	11	108
Public administration and services	499	340	44	14	11	1	89	220	142	9	5	6	0	58	279	198	35	9	5	1	31
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	3,760	2,471	121	95	163	15	895	2,339	1,448	69	59	86	10	667	1,421	1,023	52	36	77	5	228
Theological studies and religious vocations	1,521	1,062	147	10	63	4	235	1,304	903	112	9	57	2	221	217	159	35	1	6	2	14
Transportation and material moving workers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts	1,067	802	31	16	49	1	168	524	391	16	7	16	0	94	543	411	15	9	33	1	74

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 5 men and 2 women whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1998.)

Table 272.—Doctor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields, total¹	44,427	27,826	1,667	984	2,690	130	11,130	26,898	15,354	731	488	1,758	58	8,509	17,529	12,472	936	496	932	72	2,621
Agriculture and natural resources	1,264	601	13	19	71	2	558	962	446	9	12	52	1	442	302	155	4	7	19	1	116
Architecture and related programs	141	69	6	6	4	0	56	95	43	4	5	3	0	40	46	26	2	1	1	0	16
Area, ethnic, and cultural studies	186	121	22	6	5	4	28	80	53	8	1	3	1	14	106	68	14	5	2	3	14
Biological sciences/life sciences	4,645	2,883	87	98	407	4	1,166	2,771	1,687	52	63	228	0	741	1,874	1,196	35	35	179	4	425
Business	1,394	848	41	16	82	5	402	1,014	568	25	11	58	5	347	380	280	16	5	24	0	55
Communications	320	234	14	6	15	0	51	162	116	3	3	7	0	33	158	118	11	3	8	0	18
Communications technologies	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0
Computer and information sciences	884	401	9	6	92	0	376	723	311	8	2	73	0	329	161	90	1	4	19	0	47
Education	6,905	5,205	620	252	151	40	637	2,621	1,964	191	88	52	15	311	4,284	3,241	429	164	99	25	326
Engineering	6,110	2,333	76	60	635	5	3,001	5,383	1,972	59	51	525	3	2,773	727	361	17	9	110	2	228
Engineering-related technologies	18	7	0	0	2	1	8	16	7	0	0	2	1	6	2	0	0	0	0	0	2
English language and literature/letters	1,561	1,268	37	26	35	7	188	665	525	9	8	8	3	112	896	743	28	18	27	4	76
Foreign languages and literatures	905	536	8	71	33	3	254	395	221	5	27	13	3	126	510	315	3	44	20	0	128
Health professions and related sciences	2,069	1,311	90	38	153	9	468	867	444	32	17	86	2	286	1,202	867	58	21	67	7	182
Home economics and vocational home economics	388	279	28	7	9	0	65	99	67	6	1	2	0	23	289	212	22	6	7	0	42
Law and legal studies	88	32	1	0	1	0	54	62	20	1	0	0	0	41	26	12	0	0	1	0	13
Liberal arts and sciences, general studies, and humanities	90	71	8	0	2	0	9	41	31	1	0	2	0	7	49	40	7	0	0	0	2
Library science	55	29	7	2	5	0	12	20	10	1	1	2	0	6	35	19	6	1	3	0	6
Mathematics	1,226	562	5	14	95	1	549	955	433	3	11	75	0	433	271	129	2	3	20	1	116
Multi/interdisciplinary studies	238	155	13	8	14	2	46	129	79	5	4	8	0	33	109	76	8	4	6	2	13
Parks, recreation, leisure and fitness studies	149	110	5	7	6	0	21	87	61	4	4	2	0	16	62	49	1	3	4	0	5
Philosophy and religion	507	401	14	9	13	2	68	365	281	10	6	9	1	58	142	120	4	3	4	1	10
Physical sciences and science technologies	4,483	2,455	45	62	438	9	1,474	3,428	1,865	30	45	312	5	1,171	1,055	590	15	17	126	4	303
Precision production trades	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective services	26	17	4	0	3	0	2	14	8	3	0	2	0	1	12	9	1	0	1	0	1
Psychology	3,822	3,231	154	129	104	18	186	1,431	1,213	35	44	41	5	93	2,391	2,018	119	85	63	13	93
Public administration and services	556	381	59	13	16	2	85	274	172	23	7	12	1	59	282	209	36	6	4	1	26
R.O.T.C. and military technologies	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Social sciences and history	3,725	2,360	119	86	196	10	954	2,319	1,378	60	58	120	7	696	1,406	982	59	28	76	3	258
Theological studies and religious vocations	1,591	1,108	150	30	51	4	248	1,375	955	125	12	45	4	234	216	153	25	18	6	0	14
Transportation and material moving workers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts	1,080	817	32	13	52	2	164	545	424	19	7	16	1	78	535	393	13	6	36	1	86

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 18 men and 1 woman whose racial/ethnic group and field of study were not available.

NOTE.—To facilitate trend comparisons, certain aggregations have been made of the degree fields as reported in the IPEDS "Completions" survey: "Agriculture and natural resources" includes Agricultural business and production,

Agricultural sciences, and Conservation and renewable natural resources; and "Business" includes Business management and administrative services, Marketing operations/marketing and distribution, and Consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1997.)

Table 273.—First-professional degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1995–96

Year	Number of degrees conferred							Percentage distribution of degrees conferred						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	Total							Total						
1976–77 ¹	63,953	58,422	2,537	1,076	1,021	196	701	100.0	91.4	4.0	1.7	1.6	0.3	1.1
1978–79 ²	68,611	62,430	2,836	1,283	1,205	216	641	100.0	91.0	4.1	1.9	1.8	0.3	0.9
1980–81 ³	71,340	64,551	2,931	1,541	1,456	192	669	100.0	90.5	4.1	2.2	2.0	0.3	0.9
1984–85 ⁴	71,057	63,219	3,029	1,884	1,816	248	861	100.0	89.0	4.3	2.7	2.6	0.3	1.2
1986–87	71,617	62,688	3,420	2,051	2,270	304	884	100.0	87.5	4.8	2.9	3.2	0.4	1.2
1988–89	70,856	61,214	3,148	2,269	2,976	264	985	100.0	86.4	4.4	3.2	4.2	0.4	1.4
1989–90 ⁵	70,744	60,240	3,410	2,427	3,362	257	1,048	100.0	85.2	4.8	3.4	4.8	0.4	1.5
1990–91 ⁶	71,515	60,327	3,575	2,527	3,755	261	1,070	100.0	84.4	5.0	3.5	5.3	0.4	1.5
1991–92 ⁷	72,129	59,800	3,560	2,766	4,455	296	1,252	100.0	82.9	4.9	3.8	6.2	0.4	1.7
1992–93 ⁸	74,960	60,830	4,100	2,984	5,160	368	1,518	100.0	81.1	5.5	4.0	6.9	0.5	2.0
1993–94	75,418	60,140	4,444	3,134	5,892	371	1,437	100.0	79.7	5.9	4.2	7.8	0.5	1.9
1994–95	75,800	59,402	4,747	3,231	6,397	412	1,611	100.0	78.4	6.3	4.3	8.4	0.5	2.1
1995–96 ⁹	76,641	59,456	5,016	3,476	6,617	463	1,613	100.0	77.6	6.5	4.5	8.6	0.6	2.1
	Men							Men						
1976–77 ¹	51,980	47,777	1,761	893	776	159	614	100.0	91.9	3.4	1.7	1.5	0.3	1.2
1978–79 ²	52,425	48,123	1,783	989	860	150	520	100.0	91.8	3.4	1.9	1.6	0.3	1.0
1980–81 ³	52,194	47,629	1,772	1,131	991	134	537	100.0	91.3	3.4	2.2	1.9	0.3	1.0
1984–85 ⁴	47,501	42,630	1,623	1,239	1,152	176	681	100.0	89.7	3.4	2.6	2.4	0.4	1.4
1986–87	46,523	41,149	1,835	1,303	1,420	183	633	100.0	88.4	3.9	2.8	3.1	0.4	1.4
1988–89	45,046	39,399	1,618	1,374	1,819	148	688	100.0	87.5	3.6	3.1	4.0	0.3	1.5
1989–90 ⁵	43,778	37,850	1,672	1,450	1,963	135	708	100.0	86.5	3.8	3.3	4.5	0.3	1.6
1990–91 ⁶	43,601	37,348	1,672	1,506	2,178	144	753	100.0	85.7	3.8	3.5	5.0	0.3	1.7
1991–92 ⁷	43,812	36,939	1,603	1,635	2,593	157	885	100.0	84.3	3.7	3.7	5.9	0.4	2.0
1992–93 ⁸	44,821	37,157	1,777	1,762	2,858	190	1,077	100.0	82.9	4.0	3.9	6.4	0.4	2.4
1993–94	44,707	36,573	1,902	1,781	3,214	222	1,015	100.0	81.8	4.3	4.0	7.2	0.5	2.3
1994–95	44,853	36,146	2,077	1,836	3,491	222	1,081	100.0	80.6	4.6	4.1	7.8	0.5	2.4
1995–96 ⁹	44,679	35,732	2,107	1,947	3,533	256	1,104	100.0	80.0	4.7	4.4	7.9	0.6	2.5
	Women							Women						
1976–77 ¹	11,973	10,645	776	183	245	37	87	100.0	88.9	6.5	1.5	2.0	0.3	0.7
1978–79 ²	16,186	14,307	1,053	294	345	66	121	100.0	88.4	6.5	1.8	2.1	0.4	0.7
1980–81 ³	19,146	16,922	1,159	410	465	58	132	100.0	88.4	6.1	2.1	2.4	0.3	0.7
1984–85 ⁴	23,556	20,589	1,406	645	664	72	180	100.0	87.4	6.0	2.7	2.8	0.3	0.8
1986–87	25,094	21,539	1,585	748	850	121	251	100.0	85.8	6.3	3.0	3.4	0.5	1.0
1988–89	25,810	21,815	1,530	895	1,157	116	297	100.0	84.5	5.9	3.5	4.5	0.4	1.2
1989–90 ⁵	26,966	22,390	1,738	977	1,399	122	340	100.0	83.0	6.4	3.6	5.2	0.5	1.3
1990–91 ⁶	27,914	22,979	1,903	1,021	1,577	117	317	100.0	82.3	6.8	3.7	5.6	0.4	1.1
1991–92 ⁷	28,317	22,861	1,957	1,131	1,862	139	367	100.0	80.7	6.9	4.0	6.6	0.5	1.3
1992–93 ⁸	30,139	23,673	2,323	1,222	2,302	178	441	100.0	78.5	7.7	4.1	7.6	0.6	1.5
1993–94	30,711	23,567	2,542	1,353	2,678	149	422	100.0	76.7	8.3	4.4	8.7	0.5	1.4
1994–95	30,947	23,256	2,670	1,395	2,906	190	530	100.0	75.1	8.6	4.5	9.4	0.6	1.7
1995–96 ⁹	31,962	23,724	2,909	1,529	3,084	207	509	100.0	74.2	9.1	4.8	9.6	0.6	1.6

¹ Excludes 394 men and 12 women whose racial/ethnic group was not available.
² Excludes 227 men and 10 women whose racial/ethnic group was not available.
³ Excludes 598 men and 18 women whose racial/ethnic group was not available.
⁴ Excludes 2,954 men and 1,052 women whose racial/ethnic group and field of study were not available.
⁵ Excludes 183 men and 61 women whose racial/ethnic group and field of study were not available.
⁶ Excludes 245 men and 188 women whose racial/ethnic group and field of study were not available.
⁷ Excludes 1,259 men and 758 women whose racial/ethnic group and field of study were not available.
⁸ Excludes 332 men and 95 women whose racial/ethnic group and field of study were not available.

⁹ Excludes 69 men and 24 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1995–96, reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Because of rounding, percents may not add to 100.0.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1998.)

Table 274.—First-professional degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1995–96

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields¹	76,641	59,456	5,016	3,476	6,617	463	1,613	44,679	35,732	2,107	1,947	3,533	256	1,104	31,962	23,724	2,909	1,529	3,084	207	509
Dentistry (D.D.S. or D.M.D.)	3,697	2,516	175	177	598	11	220	2,374	1,705	76	103	332	9	149	1,323	811	99	74	266	2	71
Medicine (M.D.)	15,341	10,956	988	702	2,406	93	196	9,061	6,661	387	397	1,435	54	127	6,280	4,295	601	305	971	39	69
Optometry (O.D.)	1,231	911	35	47	169	2	67	568	442	9	17	60	1	39	663	469	26	30	109	1	28
Osteopathic medicine (D.O.)	1,895	1,529	45	74	210	14	23	1,232	1,009	23	54	124	8	14	663	520	22	20	86	6	9
Pharmacy (Pharm.D.)	2,555	1,570	275	80	526	8	96	873	572	78	33	148	3	39	1,682	998	197	47	378	5	57
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	650	462	56	43	64	5	20	453	344	15	29	46	3	16	197	118	41	14	18	2	4
Veterinary medicine (D.V.M.)	2,109	1,935	33	77	37	17	10	715	656	14	27	8	6	4	1,394	1,279	19	50	29	11	6
Chiropractic medicine (D.C. or D.C.M.)	3,379	2,777	65	113	134	18	272	2,470	2,051	29	75	103	11	201	909	726	36	38	31	7	71
Law (LL.B. or J.D.)	39,828	32,085	2,842	2,052	2,182	280	387	22,508	18,794	1,162	1,115	1,031	153	253	17,320	13,291	1,680	937	1,151	127	134
Theology (M.Div., M.H.L., B.D., or Ord.)	5,879	4,657	501	111	289	15	306	4,400	3,478	313	97	244	8	260	1,479	1,179	188	14	45	7	46
Other	77	58	1	0	2	0	16	25	20	1	0	2	0	2	52	38	0	0	0	0	14

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported. Excludes 69 men and 24 women whose racial/ethnic group and field of study were not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1998.)

Table 275.—First-professional degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1994–95

Major field of study	Total							Men							Women						
	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
All fields¹	75,800	59,402	4,747	3,231	6,397	412	1,611	44,853	36,146	2,077	1,836	3,491	222	1,081	30,947	23,256	2,670	1,395	2,906	190	530
Dentistry (D.D.S. or D.M.D.)	3,897	2,616	180	233	589	12	267	2,480	1,774	83	128	313	9	173	1,417	842	97	105	276	3	94
Medicine (M.D.)	15,537	11,215	929	648	2,485	65	195	9,507	7,058	409	399	1,490	28	123	6,030	4,157	520	249	995	37	72
Optometry (O.D.)	1,185	899	27	36	157	5	61	538	439	5	16	48	2	28	647	460	22	20	109	3	33
Osteopathic medicine (D.O.)	1,854	1,524	51	67	185	9	18	1,249	1,040	32	49	109	6	13	605	484	19	18	76	3	5
Pharmacy (Pharm. D.)	2,264	1,444	233	50	434	7	96	785	522	66	20	134	1	42	1,479	922	167	30	300	6	54
Podiatry (Pod. D. or D.P.) or podiatric medicine (D.P.M.)	545	416	28	32	57	1	11	370	290	15	19	38	1	7	175	126	13	13	19	0	4
Veterinary medicine (D.V.M.)	2,148	1,983	52	53	37	12	11	762	694	22	27	9	5	5	1,386	1,289	30	26	28	7	6
Chiropractic medicine (D.C. or D.C.M.)	2,968	2,477	50	81	125	14	221	2,094	1,750	28	56	91	13	156	874	727	22	25	34	1	65
Law (LL.B. or J.D.)	39,349	32,126	2,699	1,897	2,011	272	344	22,592	19,108	1,118	1,016	987	146	217	16,757	13,018	1,581	881	1,024	126	127
Theology (M. Div., M.H.L., B.D., or Ord.)	5,978	4,641	496	132	317	15	377	4,443	3,443	298	106	272	11	313	1,535	1,198	198	26	45	4	64
Other	75	61	2	2	0	0	10	33	28	1	0	0	0	4	42	33	1	2	0	0	6

¹ Reported racial/ethnic distributions of students by level of degree, field of degree, and sex were used to estimate race/ethnicity for students whose race/ethnicity was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared April 1997.)

Table 276.—Earned degrees in agriculture and natural resources¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	12,672	12,136	536	2,457	2,313	144	1,086	1,055	31
1971–72	13,516	12,779	737	2,680	2,490	190	971	945	26
1972–73	14,756	13,661	1,095	2,807	2,588	219	1,059	1,031	28
1973–74	16,253	14,684	1,569	2,928	2,640	288	930	897	33
1974–75	17,528	15,061	2,467	3,067	2,703	364	991	958	33
1975–76	19,402	15,845	3,557	3,340	2,862	478	928	867	61
1976–77	21,467	16,690	4,777	3,724	3,177	547	893	831	62
1977–78	22,650	17,069	5,581	4,023	3,268	755	971	909	62
1978–79	23,134	16,854	6,280	3,994	3,187	807	950	877	73
1979–80	22,802	16,045	6,757	3,976	3,082	894	991	879	112
1980–81	21,886	15,154	6,732	4,003	3,061	942	1,067	940	127
1981–82	21,029	14,443	6,586	4,163	3,114	1,049	1,079	925	154
1982–83	20,909	14,085	6,824	4,254	3,129	1,125	1,149	1,004	145
1983–84	19,317	13,206	6,111	4,178	2,989	1,189	1,172	1,001	171
1984–85	18,107	12,477	5,630	3,928	2,846	1,082	1,213	1,036	177
1985–86	16,823	11,544	5,279	3,801	2,701	1,100	1,158	966	192
1986–87	14,991	10,314	4,677	3,522	2,460	1,062	1,049	871	178
1987–88	14,222	9,744	4,478	3,479	2,427	1,052	1,142	926	216
1988–89	13,492	9,298	4,194	3,245	2,231	1,014	1,183	950	233
1989–90	12,900	8,822	4,078	3,382	2,239	1,143	1,295	1,038	257
1990–91	13,124	8,832	4,292	3,295	2,160	1,135	1,185	953	232
1991–92	15,124	9,869	5,255	3,735	2,413	1,322	1,214	963	251
1992–93	16,778	11,080	5,698	3,965	2,477	1,488	1,173	879	294
1993–94	18,070	11,748	6,322	4,119	2,515	1,604	1,278	982	296
1994–95	19,841	12,692	7,149	4,252	2,551	1,701	1,264	962	302
1995–96	21,431	13,535	7,896	4,569	2,650	1,919	1,271	935	336

¹Includes degrees in agricultural business and production; agricultural sciences; and conservation and renewable natural resources.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared May 1998.)

Table 277.—Earned degrees in architecture and related programs¹ conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	2,563	2,441	122	166	159	7	1	1	0
1959–60	1,801	1,744	57	319	305	14	17	17	0
1969–70	4,105	3,888	217	1,427	1,260	167	35	33	2
1970–71	5,570	4,906	664	1,705	1,469	236	36	33	3
1971–72	6,440	5,667	773	1,899	1,626	273	50	43	7
1972–73	6,962	6,042	920	2,307	1,943	364	58	54	4
1973–74	7,822	6,665	1,157	2,702	2,208	494	69	65	4
1974–75	8,226	6,791	1,435	2,938	2,343	595	69	58	11
1975–76	9,146	7,396	1,750	3,215	2,545	670	82	69	13
1976–77	9,222	7,249	1,973	3,213	2,489	724	73	62	11
1977–78	9,250	7,054	2,196	3,115	2,304	811	73	57	16
1978–79	9,273	6,876	2,397	3,113	2,226	887	96	74	22
1979–80	9,132	6,596	2,536	3,139	2,245	894	79	66	13
1980–81	9,455	6,800	2,655	3,153	2,234	919	93	73	20
1981–82	9,728	6,825	2,903	3,327	2,242	1,085	80	58	22
1982–83	9,823	6,403	3,420	3,357	2,224	1,133	97	74	23
1983–84	9,186	5,895	3,291	3,223	2,197	1,026	84	62	22
1984–85	9,325	6,019	3,306	3,275	2,148	1,127	89	66	23
1985–86	9,119	5,824	3,295	3,260	2,129	1,131	73	56	17
1986–87	8,950	5,617	3,333	3,163	2,086	1,077	92	66	26
1987–88	8,603	5,271	3,332	3,159	2,042	1,117	98	66	32
1988–89	9,150	5,545	3,605	3,383	2,192	1,191	86	63	23
1989–90	9,364	5,703	3,661	3,499	2,228	1,271	103	73	30
1990–91	9,781	5,788	3,993	3,490	2,244	1,246	135	101	34
1991–92	8,753	5,805	2,948	3,640	2,271	1,369	132	93	39
1992–93	9,167	5,940	3,227	3,808	2,376	1,432	148	105	43
1993–94	8,975	5,764	3,211	3,943	2,428	1,515	161	111	50
1994–95	8,756	5,741	3,015	3,923	2,310	1,613	141	95	46
1995–96	8,352	5,340	3,012	3,993	2,361	1,632	141	96	45

¹Prior to 1969–70, includes degrees in architecture. Beginning in 1969–70, includes degrees in architecture; city/urban, community, and regional planning; architectural environmental design; interior architecture; landscape architecture; architectural urban design and planning; and architecture and related programs, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 278.—Earned degrees in the biological/life sciences¹ conferred by institutions of higher education, by level of degree and sex of student: 1951–52 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1951–52	11,094	8,212	2,882	2,307	1,908	399	764	680	84
1955–56	12,423	9,515	2,908	1,759	1,379	380	1,025	908	117
1959–60	15,576	11,654	3,922	2,154	1,668	486	1,205	1,086	119
1965–66	26,916	19,368	7,548	4,232	3,085	1,147	2,097	1,792	305
1969–70	34,034	23,919	10,115	5,800	3,975	1,825	3,289	2,820	469
1970–71	35,743	25,333	10,410	5,728	3,805	1,923	3,645	3,050	595
1971–72	37,293	26,323	10,970	6,101	4,087	2,014	3,653	3,031	622
1972–73	42,233	29,636	12,597	6,263	4,354	1,909	3,636	2,926	710
1973–74	48,340	33,245	15,095	6,552	4,555	1,997	3,439	2,740	699
1974–75	51,741	34,612	17,129	6,550	4,587	1,963	3,384	2,641	743
1975–76	54,275	35,520	18,755	6,582	4,497	2,085	3,392	2,663	729
1976–77	53,605	34,218	19,387	7,114	4,718	2,396	3,397	2,671	726
1977–78	51,502	31,705	19,797	6,806	4,400	2,406	3,309	2,511	798
1978–79	48,846	29,191	19,655	6,831	4,265	2,566	3,542	2,636	906
1979–80	46,370	26,828	19,542	6,510	4,098	2,412	3,636	2,690	946
1980–81	43,216	24,149	19,067	5,978	3,654	2,324	3,718	2,666	1,052
1981–82	41,639	22,754	18,885	5,874	3,426	2,448	3,743	2,654	1,089
1982–83	39,982	21,564	18,418	5,696	3,214	2,482	3,341	2,266	1,075
1983–84	38,640	20,558	18,082	5,406	2,996	2,410	3,437	2,381	1,056
1984–85	38,445	20,064	18,381	5,059	2,647	2,412	3,432	2,307	1,125
1985–86	38,524	19,993	18,531	5,013	2,616	2,397	3,358	2,229	1,129
1986–87	38,121	19,657	18,464	4,952	2,538	2,414	3,419	2,225	1,194
1987–88	36,755	18,245	18,510	4,784	2,423	2,361	3,629	2,349	1,280
1988–89	36,059	17,953	18,106	4,961	2,492	2,469	3,520	2,234	1,286
1989–90	37,204	18,312	18,892	4,869	2,395	2,474	3,844	2,394	1,450
1990–91	39,530	19,412	20,118	4,765	2,302	2,463	4,093	2,577	1,516
1991–92	42,941	20,798	22,143	4,785	2,301	2,484	4,243	2,620	1,623
1992–93	47,038	22,842	24,196	4,756	2,343	2,413	4,435	2,664	1,771
1993–94	51,383	25,050	26,333	5,196	2,465	2,731	4,534	2,690	1,844
1994–95	55,984	26,687	29,297	5,393	2,602	2,791	4,645	2,771	1,874
1995–96	60,994	28,849	32,145	6,157	2,902	3,255	4,780	2,773	2,007

¹ Includes degrees in biology; biochemistry and biophysics; botany; cell and molecular biology; microbiology/bacteriology; zoology; and other biological sciences.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 279.—Earned degrees in biology, microbiology, and zoology conferred by institutions of higher education, by level of degree: 1970–71 to 1995–96

Year	Biology, general			Microbiology ¹			Zoology ²		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	26,294	2,665	536	1,475	456	365	5,722	1,167	1,107
1971–72	27,473	2,943	580	1,548	470	351	5,522	1,189	1,094
1972–73	31,185	2,959	627	1,940	517	344	5,770	1,191	1,008
1973–74	36,188	3,186	657	2,311	505	384	6,192	1,250	919
1974–75	38,748	3,109	637	2,767	552	345	6,116	1,216	920
1975–76	40,163	3,177	624	2,927	585	364	6,105	1,153	909
1976–77	39,530	3,322	608	2,884	659	325	5,608	1,168	950
1977–78	37,598	3,094	664	2,695	615	353	5,139	1,160	885
1978–79	35,962	3,093	663	2,670	597	395	4,913	1,109	938
1979–80	33,523	2,911	718	2,631	596	376	4,374	1,078	955
1980–81	31,323	2,598	734	2,414	482	370	3,946	1,090	946
1981–82	29,651	2,579	678	2,377	470	350	3,664	1,028	936
1982–83	28,022	2,354	521	2,306	446	331	3,453	918	809
1983–84	27,379	2,313	617	2,329	447	360	3,294	867	826
1984–85	27,593	2,130	658	2,180	413	302	3,128	778	802
1985–86	27,618	2,173	574	2,217	353	336	2,940	723	844
1986–87	27,465	2,022	537	2,098	390	337	2,858	740	787
1987–88	26,838	1,981	576	2,014	357	386	2,580	725	786
1988–89	26,229	2,097	527	1,780	411	356	2,582	736	744
1989–90	27,213	1,998	551	1,814	366	409	2,501	638	810
1990–91	29,285	1,956	632	1,757	324	419	2,673	640	833
1991–92	31,909	1,995	657	1,722	336	454	2,840	620	818
1992–93	34,932	2,000	671	1,769	328	520	3,071	637	786
1993–94	38,103	2,178	665	1,841	332	478	3,207	749	805
1994–95	41,658	2,350	729	1,908	295	443	3,206	689	767
1995–96	44,818	2,606	768	2,130	324	477	3,549	815	855

¹ Includes bacteriology.

² Includes general zoology; entomology; pathology; pharmacology; physiology; and zoology, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 280.—Earned degrees in business¹ conferred by institutions of higher education, by level of degree and sex of student: 1955–56 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1955–56	42,813	38,706	4,107	3,280	3,118	162	129	127	2
1959–60	51,076	47,262	3,814	4,643	4,476	167	135	133	2
1965–66	62,721	57,516	5,205	12,959	12,628	331	387	370	17
1969–70	105,580	96,346	9,234	21,561	20,792	769	620	610	10
1970–71	114,729	104,275	10,454	25,977	24,967	1,010	757	736	21
1971–72	121,266	109,688	11,578	30,028	28,845	1,183	859	840	19
1972–73	126,144	112,783	13,361	30,638	29,128	1,510	902	850	52
1973–74	131,640	114,729	16,911	32,172	30,044	2,128	919	870	49
1974–75	132,731	111,144	21,587	35,758	32,732	3,026	936	897	39
1975–76	142,034	113,954	28,080	42,054	37,145	4,909	900	851	49
1976–77	150,765	115,353	35,412	46,006	39,400	6,606	827	775	52
1977–78	159,691	116,171	43,520	47,837	39,743	8,094	823	753	70
1978–79	171,241	118,825	52,416	49,855	40,274	9,581	821	724	97
1979–80	184,867	122,508	62,359	54,484	42,288	12,196	753	642	111
1980–81	198,983	125,523	73,460	57,391	42,980	14,411	795	675	120
1981–82	213,374	129,262	84,112	60,763	43,807	16,956	815	668	147
1982–83	226,627	131,538	95,089	64,758	45,999	18,759	776	644	132
1983–84	229,478	129,559	99,919	66,150	46,178	19,972	929	730	199
1984–85	232,636	127,659	104,977	66,996	46,209	20,787	831	688	143
1985–86	237,319	128,780	108,539	66,689	45,938	20,751	934	729	205
1986–87	240,546	128,603	111,943	67,093	44,913	22,180	1,062	808	254
1987–88	243,021	129,552	113,469	69,230	45,980	23,250	1,063	810	253
1988–89	246,399	131,157	115,242	73,065	48,540	24,525	1,100	800	300
1989–90	248,698	132,329	116,369	76,676	50,585	26,091	1,093	818	275
1990–91	249,311	131,624	117,687	78,255	50,883	27,372	1,185	876	309
1991–92	256,603	135,440	121,163	84,642	54,705	29,937	1,242	953	289
1992–93	256,842	135,573	121,269	89,615	57,651	31,964	1,346	969	377
1993–94	246,654	129,161	117,493	93,437	59,335	34,102	1,364	980	384
1994–95	234,323	121,898	112,425	93,809	59,109	34,700	1,394	1,014	380
1995–96	227,102	116,842	110,260	93,982	58,685	35,297	1,368	974	394

¹Includes degrees in business management/administrative services; marketing operations/marketing and distribution; and consumer and personal services.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 281.—Earned degrees in communications¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	10,802	6,989	3,813	1,856	1,214	642	145	126	19
1971–72	12,340	7,964	4,376	2,200	1,443	757	111	96	15
1972–73	14,317	9,074	5,243	2,406	1,546	860	139	114	25
1973–74	17,096	10,536	6,560	2,640	1,668	972	175	146	29
1974–75	19,248	11,455	7,793	2,794	1,618	1,176	165	119	46
1975–76	21,282	12,458	8,824	3,126	1,818	1,308	204	154	50
1976–77	23,214	12,932	10,282	3,091	1,719	1,372	171	130	41
1977–78	25,400	13,480	11,920	3,296	1,673	1,623	191	138	53
1978–79	26,457	13,266	13,191	2,882	1,483	1,399	192	138	54
1979–80	28,616	13,656	14,960	3,082	1,527	1,555	193	121	72
1980–81	31,282	14,179	17,103	3,105	1,448	1,657	182	107	75
1981–82	34,222	14,917	19,305	3,327	1,578	1,749	200	136	64
1982–83	38,567	16,161	22,406	3,604	1,661	1,943	214	126	88
1983–84	40,113	16,604	23,509	3,656	1,600	2,056	219	131	88
1984–85	42,002	17,175	24,827	3,669	1,576	2,093	234	143	91
1985–86	43,076	17,639	25,437	3,823	1,610	2,213	223	116	107
1986–87	45,337	18,110	27,227	3,893	1,590	2,303	275	158	117
1987–88	46,649	18,527	28,122	3,925	1,568	2,357	234	134	100
1988–89	48,609	19,215	29,394	4,257	1,737	2,520	253	138	115
1989–90	51,308	20,218	31,090	4,362	1,707	2,655	273	145	128
1990–91	52,773	20,645	32,128	4,336	1,711	2,625	274	151	123
1991–92	54,977	21,497	33,480	4,464	1,692	2,772	255	132	123
1992–93	54,706	22,028	32,678	5,209	1,980	3,229	301	146	155
1993–94	51,827	21,359	30,468	5,419	2,098	3,321	345	174	171
1994–95	48,803	20,404	28,399	5,609	2,108	3,501	321	162	159
1995–96	48,003	19,760	28,243	5,604	2,171	3,433	345	190	155

¹Includes degrees in communications, general; advertising; journalism; broadcast journalism; public relations and organizational communications; radio and television broadcasting; other communications; and communications technologies.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 282.—Earned degrees in computer and information sciences¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	2,388	2,064	324	1,588	1,424	164	128	125	3
1971–72	3,402	2,941	461	1,977	1,752	225	167	155	12
1972–73	4,304	3,664	640	2,113	1,888	225	196	181	15
1973–74	4,756	3,976	780	2,276	1,983	293	198	189	9
1974–75	5,033	4,080	953	2,299	1,961	338	213	199	14
1975–76	5,652	4,534	1,118	2,603	2,226	377	244	221	23
1976–77	6,407	4,876	1,531	2,798	2,332	466	216	197	19
1977–78	7,201	5,349	1,852	3,038	2,471	567	196	181	15
1978–79	8,719	6,272	2,447	3,055	2,480	575	236	206	30
1979–80	11,154	7,782	3,372	3,647	2,883	764	240	213	27
1980–81	15,121	10,202	4,919	4,218	3,247	971	252	227	25
1981–82	20,267	13,218	7,049	4,935	3,625	1,310	251	230	21
1982–83	24,510	15,606	8,904	5,321	3,813	1,508	262	228	34
1983–84	32,172	20,246	11,926	6,190	4,379	1,811	251	225	26
1984–85	38,878	24,579	14,299	7,101	5,064	2,037	248	223	25
1985–86	41,889	26,923	14,966	8,070	5,658	2,412	344	299	45
1986–87	39,589	25,865	13,724	8,481	5,985	2,496	374	322	52
1987–88	34,523	23,331	11,192	9,197	6,726	2,471	428	380	48
1988–89	30,454	21,087	9,367	9,414	6,775	2,639	551	466	85
1989–90	27,257	19,117	8,140	9,677	6,960	2,717	627	534	93
1990–91	25,083	17,726	7,357	9,324	6,563	2,761	676	584	92
1991–92	24,557	17,510	7,047	9,530	6,884	2,646	772	669	103
1992–93	24,200	17,403	6,797	10,163	7,410	2,753	805	689	116
1993–94	24,200	17,317	6,883	10,416	7,724	2,692	810	685	125
1994–95	24,404	17,463	6,941	10,326	7,627	2,699	884	723	161
1995–96	24,098	17,468	6,630	10,151	7,444	2,707	867	741	126

¹Includes degrees in computer and information sciences, general; computer programming; data processing technology/technician; information science and systems; computer systems analysis; and other computer and information sciences.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 283.—Earned degrees in education conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	61,472	31,398	30,074	20,069	12,025	8,044	953	797	156
1959–60	89,002	25,556	63,446	33,433	18,057	15,376	1,591	1,279	312
1969–70	163,964	40,420	123,544	78,020	34,832	43,188	5,588	4,479	1,109
1970–71	176,307	44,896	131,411	87,666	38,365	49,301	6,041	4,771	1,270
1971–72	190,880	49,344	141,536	96,668	41,141	55,527	6,648	5,104	1,544
1972–73	193,984	51,300	142,684	103,777	43,298	60,479	6,857	5,191	1,666
1973–74	184,907	48,997	135,910	110,402	44,112	66,290	6,757	4,974	1,783
1974–75	166,758	44,463	122,295	117,841	44,430	73,411	6,975	4,856	2,119
1975–76	154,437	42,004	112,433	126,061	44,831	81,230	7,202	4,826	2,376
1976–77	143,234	39,867	103,367	124,267	42,308	81,959	7,338	4,832	2,506
1977–78	135,821	37,410	98,411	116,916	37,662	79,254	7,018	4,281	2,737
1978–79	125,873	33,743	92,130	109,866	34,410	75,456	7,170	4,174	2,996
1979–80	118,038	30,901	87,137	101,819	30,300	71,519	7,314	4,100	3,214
1980–81	108,074	27,039	81,035	96,713	27,548	69,165	7,279	3,843	3,436
1981–82	100,932	24,380	76,552	91,601	25,339	66,262	6,999	3,612	3,387
1982–83	97,895	23,644	74,251	83,250	22,823	60,427	7,057	3,547	3,510
1983–84	92,299	22,195	70,104	75,664	21,142	54,522	6,911	3,446	3,465
1984–85	88,072	21,252	66,820	74,654	20,537	54,117	6,612	3,172	3,440
1985–86	87,114	20,959	66,155	74,801	20,295	54,506	6,605	3,088	3,517
1986–87	86,936	20,729	66,207	74,045	19,293	54,752	6,407	2,931	3,476
1987–88	91,112	20,988	70,124	76,566	19,108	57,458	6,060	2,739	3,321
1988–89	96,913	21,662	75,251	81,174	19,956	61,218	6,337	2,704	3,633
1989–90	105,112	23,007	82,105	84,881	20,467	64,414	6,502	2,776	3,726
1990–91	110,807	23,417	87,390	87,343	20,448	66,895	6,187	2,613	3,574
1991–92	108,006	22,686	85,320	92,668	21,244	71,424	6,864	2,783	4,081
1992–93	107,781	23,233	84,548	96,028	22,197	73,831	7,030	2,867	4,163
1993–94	107,600	24,450	83,150	98,938	23,008	75,930	6,908	2,706	4,202
1994–95	106,079	25,641	80,438	101,242	23,806	77,436	6,905	2,621	4,284
1995–96	105,509	26,233	79,276	106,253	25,214	81,039	6,676	2,525	4,151

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal

Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 284.—Earned degrees in engineering¹ conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	52,246	52,071	175	4,496	4,481	15	417	416	1
1959–60	37,679	37,537	142	7,159	7,133	26	786	783	3
1969–70	44,479	44,149	330	15,593	15,421	172	3,681	3,657	24
1970–71	50,046	49,646	400	16,443	16,258	185	3,638	3,615	23
1971–72	51,164	50,638	526	16,960	16,688	272	3,671	3,649	22
1972–73	51,265	50,652	613	16,619	16,341	278	3,492	3,438	54
1973–74	50,286	49,490	796	15,379	15,023	356	3,312	3,257	55
1974–75	46,852	45,838	1,014	15,348	14,973	375	3,108	3,042	66
1975–76	46,331	44,871	1,460	16,342	15,760	582	2,821	2,755	66
1976–77	49,283	47,065	2,218	16,245	15,525	720	2,586	2,513	73
1977–78	55,654	51,945	3,709	16,398	15,533	865	2,440	2,383	57
1978–79	62,375	57,201	5,174	15,495	14,544	951	2,506	2,423	83
1979–80	68,893	62,488	6,405	16,243	15,101	1,142	2,507	2,412	95
1980–81	75,000	67,301	7,699	16,709	15,347	1,362	2,561	2,457	104
1981–82	80,005	70,899	9,106	17,939	16,311	1,628	2,636	2,496	140
1982–83	89,018	78,096	10,922	19,344	17,548	1,796	2,831	2,706	125
1983–84	94,185	82,092	12,093	20,655	18,500	2,155	2,981	2,816	165
1984–85	95,828	83,232	12,596	21,555	19,247	2,308	3,230	3,022	208
1985–86	95,660	83,117	12,543	21,657	19,165	2,492	3,410	3,181	229
1986–87	92,816	80,104	12,712	22,654	19,804	2,850	3,818	3,555	263
1987–88	88,506	76,372	12,134	23,385	20,476	2,909	4,191	3,898	293
1988–89	85,002	73,436	11,566	24,568	21,374	3,194	4,523	4,123	400
1989–90	81,322	70,071	11,251	24,772	21,357	3,415	4,981	4,536	445
1990–91	78,650	67,738	10,912	24,958	21,430	3,528	5,272	4,787	485
1991–92	77,541	66,716	10,825	25,977	22,143	3,834	5,499	4,972	527
1992–93	78,051	66,836	11,215	28,726	24,454	4,272	5,843	5,283	560
1993–94	78,225	66,597	11,628	29,754	25,154	4,600	5,979	5,315	664
1994–95	78,154	65,933	12,221	29,670	24,836	4,834	6,128	5,399	729
1995–96	77,437	64,956	12,481	28,566	23,641	4,925	6,380	5,580	800

¹ Includes degrees in engineering, engineering-related technologies, construction trades, and mechanics and repairers from 1969–70 through 1995–96.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 285.—Earned degrees in chemical, civil, electrical, and mechanical engineering conferred by institutions of higher education, by level of degree: 1970–71 to 1995–96

Year	Chemical engineering			Civil engineering ¹			Electrical, electronics, and communications engineering			Mechanical engineering		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
							8	9	10	11	12	13
1	2	3	4	5	6	7	8	9	10	11	12	13
1970–71	3,579	1,100	406	6,526	2,425	446	12,198	4,282	879	8,858	2,237	438
1971–72	3,625	1,154	394	6,803	2,487	415	12,101	4,206	824	8,530	2,282	411
1972–73	3,578	1,051	397	7,390	2,627	397	12,313	3,895	791	8,523	2,141	370
1973–74	3,399	1,044	400	8,017	2,652	368	11,316	3,499	705	7,677	1,843	385
1974–75	3,070	990	346	7,651	2,769	356	10,161	3,469	701	6,890	1,858	340
1975–76	3,140	1,031	308	7,923	2,999	370	9,791	3,774	649	6,800	1,907	305
1976–77	3,524	1,086	291	8,228	2,964	309	9,936	3,788	566	7,703	1,952	283
1977–78	4,569	1,235	259	9,135	2,685	277	11,133	3,740	503	8,875	1,942	279
1978–79	5,568	1,149	304	9,809	2,646	253	12,338	3,591	586	10,107	1,877	271
1979–80	6,320	1,270	284	10,326	2,683	270	13,821	3,836	525	11,808	2,060	281
1980–81	6,527	1,267	300	10,678	2,891	325	14,938	3,901	535	13,329	2,291	276
1981–82	6,740	1,285	311	10,524	2,995	329	16,455	4,462	526	13,922	2,399	333
1982–83	7,185	1,368	319	9,989	3,074	340	18,049	4,531	550	15,675	2,511	299
1983–84	7,475	1,514	330	9,693	3,146	369	19,943	5,078	585	16,629	2,797	319
1984–85	7,146	1,544	418	9,162	3,172	377	21,691	5,153	660	16,794	3,053	409
1985–86	5,877	1,361	446	8,679	2,926	395	23,742	5,534	722	16,194	3,075	426
1986–87	4,991	1,184	497	8,147	2,901	451	24,547	6,183	724	15,450	3,198	528
1987–88	3,917	1,088	579	7,488	2,836	481	23,597	6,688	860	14,900	3,329	596
1988–89	3,663	1,093	602	7,312	2,903	505	21,908	7,028	998	14,843	3,498	633
1989–90	3,430	1,035	562	7,252	2,812	516	20,711	7,225	1,162	14,336	3,424	742
1990–91	3,444	903	611	7,314	2,927	536	19,320	7,095	1,220	13,977	3,516	757
1991–92	3,754	956	590	8,034	3,113	540	17,958	7,360	1,282	14,067	3,653	851
1992–93	4,459	990	595	8,868	3,610	577	17,281	7,870	1,413	14,464	3,982	871
1993–94	5,163	1,032	604	9,479	3,873	651	15,823	7,791	1,470	15,030	4,099	887
1994–95	5,901	1,085	571	9,927	4,077	625	14,929	7,693	1,543	14,794	4,213	890
1995–96	6,319	1,176	670	10,607	3,905	616	13,900	7,103	1,591	14,177	3,881	940

¹ From 1970–71 to 1981–82 includes "construction and transportation engineering."

NOTE.—Degrees in engineering-related technologies are not included in this tabulation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 286.—Earned degrees in English language and literature/letters¹ conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	17,240	8,221	9,019	2,259	1,320	939	230	181	49
1959–60	20,128	7,580	12,548	2,931	1,458	1,473	397	314	83
1969–70	56,410	18,650	37,760	8,517	3,326	5,191	1,213	837	376
1970–71	64,342	22,155	42,187	10,686	4,211	6,475	1,650	1,175	475
1971–72	63,976	22,657	41,319	10,579	4,123	6,456	1,826	1,233	593
1972–73	61,003	22,156	38,847	10,239	4,063	6,176	1,935	1,258	677
1973–74	54,590	20,214	34,376	9,803	3,917	5,886	1,885	1,208	677
1974–75	47,619	17,880	29,739	9,444	3,569	5,875	1,711	1,025	686
1975–76	42,006	16,073	25,933	8,809	3,383	5,426	1,672	967	705
1976–77	37,794	14,295	23,499	8,016	2,985	5,031	1,508	841	667
1977–78	35,328	13,137	22,191	7,655	2,706	4,949	1,400	758	642
1978–79	33,561	12,198	21,363	6,684	2,369	4,315	1,314	708	606
1979–80	32,541	11,380	21,161	6,189	2,233	3,956	1,294	686	608
1980–81	32,254	11,198	21,056	5,929	2,092	3,837	1,164	553	611
1981–82	33,419	11,414	22,005	5,772	1,983	3,789	1,101	511	590
1982–83	31,829	10,859	20,970	5,048	1,710	3,338	991	471	520
1983–84	32,834	11,170	21,664	5,010	1,736	3,274	1,018	459	559
1984–85	33,218	11,334	21,884	5,187	1,786	3,401	1,041	470	571
1985–86	34,552	11,819	22,733	5,518	1,881	3,637	991	428	563
1986–87	36,284	12,353	23,931	5,483	1,891	3,592	961	415	546
1987–88	38,661	12,836	25,825	5,562	1,870	3,692	981	428	553
1988–89	42,470	13,927	28,543	5,950	2,002	3,948	1,022	458	564
1989–90	47,519	15,662	31,857	6,567	2,205	4,362	1,078	480	598
1990–91	51,841	17,146	34,695	7,026	2,296	4,730	1,184	517	667
1991–92	54,951	18,536	36,415	7,450	2,513	4,937	1,273	537	736
1992–93	56,133	19,247	36,886	7,790	2,667	5,123	1,341	550	791
1993–94	53,924	18,425	35,499	7,885	2,712	5,173	1,344	568	776
1994–95	51,901	17,810	34,091	7,845	2,764	5,081	1,561	665	896
1995–96	50,698	17,253	33,445	7,893	2,814	5,079	1,535	590	945

¹ Includes degrees conferred in English language and literature, general; comparative literature; English composition; English creative writing; American literature; English literature; speech and rhetorical studies; English technical and business writing; and English language and literature/letters, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 287.—Earned degrees in modern foreign languages and literatures¹ conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	4,477	1,746	2,731	919	456	463	168	135	33
1959–60	4,527	1,548	2,979	832	392	440	150	100	50
1969–70	19,457	4,921	14,536	4,154	1,476	2,678	590	369	221
1970–71	19,055	4,734	14,321	4,407	1,492	2,915	703	425	278
1971–72	18,137	4,445	13,692	4,277	1,449	2,828	753	466	287
1972–73	18,232	4,347	13,885	3,992	1,407	2,585	889	519	370
1973–74	18,252	4,276	13,976	3,793	1,252	2,541	875	487	388
1974–75	17,115	3,912	13,203	3,672	1,179	2,493	829	442	387
1975–76	15,079	3,495	11,584	3,359	1,095	2,264	830	429	401
1976–77	13,626	3,225	10,401	2,986	886	2,100	728	347	381
1977–78	12,448	2,938	9,510	2,653	768	1,885	626	282	344
1978–79	11,531	2,705	8,826	2,338	685	1,653	625	287	338
1979–80	10,816	2,583	8,233	2,152	628	1,524	522	217	305
1980–81	10,050	2,402	7,648	2,018	657	1,361	556	259	297
1981–82	9,576	2,278	7,298	1,913	571	1,342	495	220	275
1982–83	9,334	2,343	6,991	1,597	528	1,069	451	183	268
1983–84	9,152	2,399	6,753	1,640	512	1,128	424	191	233
1984–85	9,675	2,529	7,146	1,611	503	1,108	387	156	231
1985–86	9,808	2,685	7,123	1,655	482	1,173	426	173	253
1986–87	9,858	2,655	7,203	1,692	491	1,201	403	162	241
1987–88	9,790	2,628	7,162	1,795	564	1,231	380	159	221
1988–89	10,498	2,767	7,731	1,821	552	1,269	389	145	244
1989–90	11,092	2,902	8,190	1,931	584	1,347	475	183	292
1990–91	11,724	3,207	8,517	1,973	595	1,378	477	200	277
1991–92	12,367	3,390	8,977	2,119	652	1,467	537	222	315
1992–93	12,819	3,537	9,282	2,353	744	1,609	535	210	325
1993–94	12,785	3,672	9,113	2,343	712	1,631	578	208	370
1994–95	12,309	3,666	8,643	2,306	688	1,618	626	250	376
1995–96	13,020	3,916	9,104	2,443	789	1,654	636	261	375

¹ Includes degrees conferred in a single language or a combination of modern foreign languages. Excludes degrees in linguistics, Latin, classical Greek, and "other" foreign languages.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 288.—Earned degrees in French, German, and Spanish conferred by institutions of higher education, by level of degree: 1949–50 to 1995–96

Year	French			German			Spanish		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1949–50	1,471	299	53	540	121	40	2,122	373	34
1959–60	1,927	316	58	659	126	21	1,610	261	31
1969–70	7,624	1,409	181	2,652	669	118	7,226	1,372	139
1970–71	7,306	1,437	192	2,601	690	144	7,068	1,456	168
1971–72	6,822	1,421	193	2,477	608	167	6,847	1,421	152
1972–73	6,705	1,277	203	2,520	598	176	7,209	1,298	206
1973–74	6,263	1,195	213	2,425	550	149	7,250	1,217	203
1974–75	5,745	1,077	200	2,289	480	147	6,719	1,228	202
1975–76	4,783	914	190	1,983	471	164	5,984	1,080	176
1976–77	4,228	875	177	1,820	394	126	5,359	930	153
1977–78	3,708	692	155	1,647	357	101	4,832	822	113
1978–79	3,558	576	143	1,524	344	106	4,563	720	118
1979–80	3,285	513	128	1,466	309	94	4,331	685	103
1980–81	3,178	460	115	1,286	294	79	3,870	592	131
1981–82	3,054	485	92	1,327	324	76	3,633	568	140
1982–83	2,871	360	106	1,367	281	68	3,349	506	129
1983–84	2,876	418	86	1,292	241	63	3,254	537	102
1984–85	2,991	385	74	1,411	240	58	3,415	505	115
1985–86	3,015	409	86	1,396	249	73	3,385	521	95
1986–87	3,062	421	85	1,366	234	70	3,450	504	104
1987–88	3,082	437	89	1,350	244	71	3,416	553	93
1988–89	3,297	444	83	1,428	263	59	3,748	552	101
1989–90	3,259	478	115	1,437	253	67	4,176	573	108
1990–91	3,355	480	98	1,543	242	58	4,480	609	125
1991–92	3,371	465	112	1,616	273	85	4,768	647	143
1992–93	3,280	513	98	1,572	317	86	5,233	667	145
1993–94	3,094	479	104	1,580	298	61	5,505	691	160
1994–95	2,764	470	118	1,352	278	83	5,602	709	161
1995–96	2,655	446	113	1,290	305	75	5,995	769	151

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 289.—Earned degrees in the health professions and related sciences¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	25,226	5,788	19,438	5,749	2,567	3,182	466	389	77
1971–72	28,611	7,005	21,606	7,207	3,141	4,066	442	362	80
1972–73	33,564	7,754	25,810	8,362	3,567	4,795	646	485	161
1973–74	41,459	9,388	32,071	9,599	3,819	5,780	578	447	131
1974–75	49,090	10,930	38,160	10,692	4,092	6,600	618	441	177
1975–76	53,958	11,456	42,502	12,556	4,217	8,339	577	411	166
1976–77	57,328	11,947	45,381	12,951	4,163	8,788	538	366	172
1977–78	59,434	11,593	47,841	14,325	4,265	10,060	654	402	252
1978–79	62,085	11,205	50,880	15,485	4,494	10,991	718	454	264
1979–80	63,920	11,391	52,529	15,704	4,357	11,347	786	435	351
1980–81	63,649	10,519	53,130	16,515	4,316	12,199	842	475	367
1981–82	63,653	10,105	53,548	16,503	4,006	12,497	925	503	422
1982–83	64,685	10,218	54,467	17,047	4,235	12,812	1,155	649	506
1983–84	64,288	10,040	54,248	17,411	4,251	13,160	1,164	574	590
1984–85	64,422	9,741	54,681	17,385	4,119	13,266	1,199	565	634
1985–86	64,396	9,630	54,766	18,573	4,428	14,145	1,241	604	637
1986–87	63,103	9,134	53,969	18,394	3,874	14,520	1,213	564	649
1987–88	60,644	8,929	51,715	18,657	4,047	14,610	1,261	548	713
1988–89	59,005	8,872	50,133	19,268	4,226	15,042	1,437	609	828
1989–90	58,302	9,118	49,184	20,321	4,534	15,787	1,536	704	832
1990–91	59,070	9,596	49,474	21,200	4,444	16,756	1,613	694	919
1991–92	61,720	10,189	51,531	23,065	4,691	18,374	1,661	698	963
1992–93	67,089	11,347	55,742	25,718	5,227	20,491	1,767	753	1,014
1993–94	74,421	13,062	61,359	28,025	5,814	22,211	1,902	789	1,113
1994–95	79,855	14,443	65,412	31,243	6,754	24,489	2,069	867	1,202
1995–96	84,036	15,432	68,604	33,398	7,021	26,377	2,119	919	1,200

¹Includes degrees in chiropractic; communication disorders sciences; community health liaison; dentistry; dental services; health services administration; health and medical assistants; health and medical diagnostic and treatment services; medical laboratory technologies; podiatry; premedicine; prepharmacy; preveterinary; medical basic sciences; mental health services; nursing; optometry; pharmacy; epidemiology; rehabilitation and therapeutic services; veterinary medicine; and other health professions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 290.—Earned degrees in mathematics ¹ conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	6,382	4,942	1,440	974	784	190	160	151	9
1959–60	11,399	8,293	3,106	1,757	1,422	335	303	285	18
1969–70	27,442	17,177	10,265	5,636	3,966	1,670	1,236	1,140	96
1970–71	24,937	15,498	9,439	5,695	4,149	1,546	1,249	1,154	95
1971–72	23,807	14,542	9,265	5,537	3,976	1,561	1,165	1,075	90
1972–73	23,186	13,910	9,276	5,397	3,878	1,519	1,089	987	102
1973–74	21,761	12,912	8,849	5,306	3,784	1,522	1,093	992	101
1974–75	18,460	10,853	7,607	4,816	3,358	1,458	1,048	936	112
1975–76	16,329	9,788	6,541	4,315	2,961	1,354	909	812	97
1976–77	14,395	8,476	5,919	4,109	2,762	1,347	859	748	111
1977–78	13,065	7,806	5,259	3,862	2,635	1,227	848	722	126
1978–79	12,329	7,301	5,028	3,553	2,412	1,141	769	644	125
1979–80	11,872	6,951	4,921	3,382	2,262	1,120	763	659	104
1980–81	11,433	6,614	4,819	3,074	2,106	968	775	656	119
1981–82	12,226	6,999	5,227	3,263	2,257	1,006	721	623	98
1982–83	12,719	7,175	5,544	3,398	2,316	1,082	731	611	120
1983–84	13,764	7,716	6,048	3,244	2,178	1,066	743	614	129
1984–85	15,861	8,537	7,324	3,413	2,289	1,124	734	620	114
1985–86	17,147	9,216	7,931	3,607	2,397	1,210	777	648	129
1986–87	16,999	9,110	7,889	3,730	2,328	1,402	759	628	131
1987–88	16,608	8,919	7,689	3,867	2,391	1,476	796	668	128
1988–89	15,994	8,662	7,332	3,903	2,418	1,485	915	737	178
1989–90	15,176	8,236	6,940	4,146	2,568	1,578	966	794	172
1990–91	15,310	8,178	7,132	4,041	2,446	1,595	1,036	837	199
1991–92	14,783	7,888	6,895	4,011	2,452	1,559	1,082	851	231
1992–93	14,812	7,827	6,985	4,067	2,455	1,612	1,189	906	283
1993–94	14,396	7,735	6,661	4,100	2,536	1,564	1,157	904	253
1994–95	13,723	7,295	6,428	4,181	2,543	1,638	1,226	955	271
1995–96	13,143	7,134	6,009	4,031	2,465	1,566	1,209	962	247

¹ Includes degrees conferred in statistics.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 291.—Earned degrees in the physical sciences ¹ conferred by institutions of higher education, by level of degree and sex of student: 1959–60 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1959–60	16,007	14,013	1,994	3,376	3,049	327	1,838	1,776	62
1969–70	21,439	18,522	2,917	5,935	5,093	842	4,312	4,077	235
1970–71	21,412	18,459	2,953	6,367	5,521	846	4,390	4,144	246
1971–72	20,745	17,663	3,082	6,287	5,404	883	4,103	3,830	273
1972–73	20,696	17,626	3,070	6,257	5,414	843	4,006	3,738	268
1973–74	21,178	17,674	3,504	6,062	5,186	876	3,626	3,373	253
1974–75	20,778	16,992	3,786	5,807	4,969	838	3,626	3,325	301
1975–76	21,465	17,353	4,112	5,466	4,648	818	3,431	3,132	299
1976–77	22,497	17,996	4,501	5,331	4,450	881	3,341	3,022	319
1977–78	22,986	18,090	4,896	5,561	4,620	941	3,133	2,821	312
1978–79	23,207	17,985	5,222	5,451	4,461	990	3,102	2,752	350
1979–80	23,410	17,864	5,546	5,219	4,248	971	3,089	2,705	384
1980–81	23,952	18,064	5,888	5,284	4,200	1,084	3,141	2,765	376
1981–82	24,052	17,866	6,186	5,514	4,318	1,196	3,286	2,835	451
1982–83	23,381	16,993	6,388	5,290	4,157	1,133	3,269	2,811	458
1983–84	23,651	17,116	6,535	5,576	4,268	1,308	3,306	2,815	491
1984–85	23,704	17,069	6,635	5,796	4,452	1,344	3,403	2,851	552
1985–86	21,717	15,755	5,962	5,902	4,470	1,432	3,551	2,963	588
1986–87	20,070	14,372	5,698	5,629	4,219	1,410	3,673	3,039	634
1987–88	17,806	12,389	5,417	5,733	4,324	1,409	3,809	3,123	686
1988–89	17,186	12,077	5,109	5,723	4,199	1,524	3,858	3,088	770
1989–90	16,066	11,031	5,035	5,449	4,010	1,439	4,164	3,356	808
1990–91	16,344	11,176	5,168	5,309	3,837	1,472	4,290	3,447	843
1991–92	16,960	11,431	5,529	5,374	3,909	1,465	4,391	3,429	962
1992–93	17,545	11,825	5,720	5,366	3,808	1,558	4,393	3,432	961
1993–94	18,400	12,223	6,177	5,679	4,018	1,661	4,650	3,642	1,008
1994–95	19,177	12,497	6,680	5,753	4,013	1,740	4,483	3,428	1,055
1995–96	19,647	12,578	7,069	5,847	3,966	1,881	4,571	3,515	1,056

¹ Includes degrees in physical sciences, general; astronomy; astrophysics; atmospheric science and meteorology; chemistry; geology; miscellaneous physical sciences; physics; science technologies; and other physical sciences.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 292.—Earned degrees in chemistry, geology, and physics conferred by institutions of higher education, by level of degree: 1970–71 to 1995–96

Year	Chemistry			Geology ¹			Physics		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71	11,063	2,275	2,159	2,414	651	324	5,071	2,188	1,482
1971–72	10,590	2,248	1,971	2,573	841	310	4,634	2,033	1,344
1972–73	10,128	2,225	1,872	2,923	827	305	4,259	1,747	1,338
1973–74	10,438	2,125	1,823	3,253	938	315	3,952	1,655	1,115
1974–75	10,549	1,986	1,822	3,319	932	292	3,706	1,574	1,080
1975–76	11,022	1,783	1,621	3,358	1,003	313	3,544	1,451	997
1976–77	11,215	1,767	1,568	3,879	1,047	325	3,420	1,319	945
1977–78	11,315	1,886	1,521	4,342	1,239	268	3,330	1,294	873
1978–79	11,509	1,757	1,516	4,502	1,300	286	3,337	1,319	918
1979–80	11,232	1,723	1,545	4,597	1,295	313	3,396	1,192	830
1980–81	11,347	1,654	1,622	5,202	1,396	294	3,441	1,294	866
1981–82	11,062	1,751	1,722	5,538	1,540	282	3,472	1,284	873
1982–83	10,796	1,622	1,746	6,102	1,552	295	3,793	1,369	873
1983–84	10,704	1,667	1,744	6,549	1,514	315	3,907	1,532	953
1984–85	10,482	1,719	1,789	6,308	1,692	289	4,097	1,523	951
1985–86	10,116	1,754	1,908	4,974	1,767	271	4,180	1,501	1,010
1986–87	9,670	1,738	1,976	3,665	1,603	280	4,318	1,543	1,074
1987–88	9,052	1,708	1,995	2,551	1,523	350	4,100	1,675	1,093
1988–89	8,625	1,774	2,037	2,252	1,404	358	4,352	1,736	1,112
1989–90	8,132	1,682	2,183	1,767	1,200	414	4,155	1,831	1,192
1990–91	8,321	1,665	2,238	1,784	1,089	446	4,236	1,725	1,209
1991–92	8,641	1,780	2,280	2,078	990	413	4,098	1,834	1,337
1992–93	8,914	1,842	2,261	2,299	925	406	4,063	1,777	1,277
1993–94	9,425	1,999	2,353	2,677	937	422	4,001	1,945	1,465
1994–95	9,722	2,099	2,273	3,118	993	398	3,823	1,817	1,424
1995–96	10,415	2,254	2,287	3,190	991	372	3,679	1,678	1,462

¹ Includes geology, geochemistry, and geophysics and seismology. Beginning in 1982–83, also includes other geological sciences.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 293.—Earned degrees in psychology conferred by institutions of higher education, by level of degree and by sex of student: 1949–50 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1949–50	9,569	6,055	3,514	1,316	948	368	283	241	42
1959–60	8,061	4,773	3,288	1,406	981	425	641	544	97
1969–70	33,679	19,077	14,602	5,158	2,975	2,183	1,962	1,505	457
1970–71	38,187	21,227	16,960	5,717	3,395	2,322	2,144	1,629	515
1971–72	43,433	23,352	20,081	6,764	3,934	2,830	2,277	1,694	583
1972–73	47,940	25,117	22,823	7,619	4,325	3,294	2,550	1,797	753
1973–74	52,139	25,868	26,271	8,796	4,983	3,813	2,872	1,987	885
1974–75	51,245	24,284	26,961	9,394	5,035	4,359	2,913	1,979	934
1975–76	50,278	22,898	27,380	10,167	5,136	5,031	3,157	2,115	1,042
1976–77	47,861	20,627	27,234	10,859	5,293	5,566	3,386	2,127	1,259
1977–78	44,879	18,422	26,457	10,282	4,670	5,612	3,164	1,974	1,190
1978–79	42,697	16,540	26,157	10,132	4,405	5,727	3,228	1,895	1,333
1979–80	42,093	15,440	26,653	9,938	4,096	5,842	3,395	1,921	1,474
1980–81	41,068	14,332	26,736	10,223	4,066	6,157	3,576	2,002	1,574
1981–82	41,212	13,645	27,567	9,947	3,823	6,124	3,461	1,856	1,605
1982–83	40,460	13,131	27,329	9,981	3,647	6,334	3,602	1,838	1,764
1983–84	39,955	12,812	27,143	9,525	3,400	6,125	3,535	1,774	1,761
1984–85	39,900	12,706	27,194	9,891	3,452	6,439	3,447	1,739	1,708
1985–86	40,628	12,605	28,023	9,845	3,347	6,498	3,593	1,724	1,869
1986–87	42,994	13,362	29,632	9,562	3,172	6,390	3,560	1,615	1,945
1987–88	45,187	13,538	31,649	9,180	2,923	6,257	3,480	1,573	1,907
1988–89	48,910	14,246	34,664	9,940	3,122	6,818	3,685	1,590	2,095
1989–90	53,952	15,336	38,616	10,730	3,377	7,353	3,811	1,566	2,245
1990–91	58,655	16,067	42,588	11,349	3,329	8,020	3,932	1,520	2,412
1991–92	63,513	17,031	46,482	10,215	2,988	7,227	3,373	1,359	2,014
1992–93	66,728	17,908	48,820	10,957	3,029	7,928	3,651	1,415	2,236
1993–94	69,259	18,642	50,617	12,181	3,401	8,780	3,563	1,346	2,217
1994–95	72,083	19,548	52,535	13,921	3,893	10,028	3,822	1,431	2,391
1995–96	73,291	19,817	53,474	13,792	3,813	9,979	3,711	1,259	2,452

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal

Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 294.—Earned degrees in public administration and services¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	5,466	1,726	3,740	7,785	3,893	3,892	174	132	42
1971–72	7,508	2,588	4,920	8,756	4,537	4,219	193	150	43
1972–73	10,690	3,998	6,692	10,068	5,271	4,797	198	160	38
1973–74	11,966	4,266	7,700	11,415	6,028	5,387	201	154	47
1974–75	13,661	4,630	9,031	13,617	7,200	6,417	257	192	65
1975–76	15,440	5,706	9,734	15,209	7,969	7,240	292	192	100
1976–77	16,136	5,544	10,592	17,026	8,810	8,216	292	197	95
1977–78	16,607	5,096	11,511	17,337	8,513	8,824	357	237	120
1978–79	17,328	4,938	12,390	17,306	8,051	9,255	315	215	100
1979–80	16,644	4,451	12,193	17,560	7,866	9,694	342	216	126
1980–81	16,707	4,248	12,459	17,803	7,460	10,343	362	212	150
1981–82	16,495	4,176	12,319	17,416	6,975	10,441	372	205	167
1982–83	14,414	3,343	11,071	16,046	5,961	10,085	347	184	163
1983–84	12,570	2,998	9,572	15,060	5,634	9,426	420	230	190
1984–85	11,754	2,829	8,925	15,575	5,573	10,002	431	213	218
1985–86	11,887	2,966	8,921	15,692	5,594	10,098	382	171	211
1986–87	12,328	2,993	9,335	16,432	5,673	10,759	398	216	182
1987–88	12,385	2,923	9,462	16,424	5,631	10,793	470	238	232
1988–89	13,162	3,214	9,948	17,020	5,615	11,405	428	210	218
1989–90	13,908	3,334	10,574	17,399	5,634	11,765	508	235	273
1990–91	14,350	3,215	11,135	17,905	5,679	12,226	430	190	240
1991–92	15,987	3,479	12,508	19,243	5,769	13,474	432	204	228
1992–93	16,775	3,801	12,974	20,634	6,105	14,529	459	215	244
1993–94	17,815	3,919	13,896	21,833	6,406	15,427	519	238	281
1994–95	18,586	3,935	14,651	23,501	6,870	16,631	556	274	282
1995–96	19,849	4,205	15,644	24,229	6,927	17,302	499	220	279

¹ Includes degrees in public administration; community organization, resources and services; public policy analysis; social work; and public affairs, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 295.—Earned degrees in the social sciences and history¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	155,324	98,173	57,151	16,539	11,833	4,706	3,660	3,153	507
1971–72	158,060	100,895	57,165	17,445	12,540	4,905	4,081	3,483	598
1972–73	155,970	99,735	56,235	17,477	12,605	4,872	4,234	3,573	661
1973–74	150,320	95,650	54,670	17,293	12,321	4,972	4,124	3,383	741
1974–75	135,190	84,826	50,364	16,977	11,875	5,102	4,212	3,334	878
1975–76	126,396	78,691	47,705	15,953	10,918	5,035	4,157	3,262	895
1976–77	117,040	71,128	45,912	15,533	10,413	5,120	3,802	2,957	845
1977–78	112,952	67,217	45,735	14,718	9,845	4,873	3,594	2,722	872
1978–79	108,059	62,852	45,207	12,963	8,395	4,568	3,371	2,501	870
1979–80	103,662	58,511	45,151	12,176	7,794	4,382	3,230	2,357	873
1980–81	100,513	56,131	44,382	11,945	7,457	4,488	3,122	2,274	848
1981–82	99,705	55,196	44,509	12,002	7,468	4,534	3,061	2,237	824
1982–83	95,228	52,771	42,457	11,205	6,974	4,231	2,931	2,042	889
1983–84	93,323	52,154	41,169	10,577	6,551	4,026	2,911	2,030	881
1984–85	91,570	51,226	40,344	10,503	6,475	4,028	2,851	1,933	918
1985–86	93,840	52,724	41,116	10,564	6,419	4,145	2,955	1,970	985
1986–87	96,342	53,949	42,393	10,506	6,373	4,133	2,916	2,026	890
1987–88	100,460	56,377	44,083	10,412	6,310	4,102	2,781	1,849	932
1988–89	108,151	60,121	48,030	11,023	6,599	4,424	2,885	1,949	936
1989–90	118,083	65,887	52,196	11,634	6,898	4,736	3,010	2,019	991
1990–91	125,107	68,701	56,406	12,233	7,016	5,217	3,012	1,956	1,056
1991–92	133,974	73,001	60,973	12,702	7,237	5,465	3,218	2,126	1,092
1992–93	135,703	73,589	62,114	13,471	7,671	5,800	3,460	2,203	1,257
1993–94	133,680	72,006	61,674	14,561	8,152	6,409	3,627	2,317	1,310
1994–95	128,154	68,139	60,015	14,845	8,207	6,638	3,725	2,319	1,406
1995–96	126,479	65,872	60,607	15,012	8,093	6,919	3,760	2,339	1,421

¹ Includes degrees in social sciences, general; anthropology; archeology; criminology; demography and population studies; economics; geography; history; international relations and affairs; political science and government; sociology; urban affairs/studies; and social sciences and history, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 296.—Earned degrees in economics, history, political science and government, and sociology conferred by institutions of higher education, by level of degree: 1949–50 to 1995–96

Year	Economics			History			Political science and government ¹			Sociology		
	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's	Bach-elor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10	11	12	13
1949–50	14,568	921	200	13,542	1,801	275	6,336	710	127	7,870	552	98
1955–56	6,555	581	232	10,510	1,114	259	5,633	509	203	5,878	402	170
1959–60	7,453	708	237	14,737	1,794	342	6,596	722	201	7,147	440	161
1961–62	8,366	853	268	17,340	2,163	343	8,326	839	214	8,120	578	173
1963–64	10,583	1,104	385	23,668	2,705	507	12,126	1,163	263	10,943	646	198
1965–66	11,555	1,522	458	28,612	3,883	599	15,242	1,429	336	15,038	981	244
1967–68	15,193	1,916	600	35,291	4,845	688	20,387	1,937	457	21,710	1,193	367
1969–70	17,197	1,988	794	43,386	5,049	1,038	25,713	2,105	525	30,436	1,813	534
1970–71	15,758	1,995	721	44,663	5,157	991	27,482	2,318	700	33,263	1,808	574
1971–72	15,231	2,224	794	43,695	5,217	1,133	28,135	2,451	758	35,216	1,944	636
1972–73	14,770	2,225	845	40,943	5,030	1,140	30,100	2,398	747	35,436	1,923	583
1973–74	14,285	2,141	788	37,049	4,533	1,114	30,744	2,448	766	35,491	2,196	632
1974–75	14,046	2,127	815	31,470	4,226	1,117	29,126	2,333	680	31,488	2,112	693
1975–76	14,741	2,087	763	28,400	3,658	1,014	28,302	2,191	723	27,634	2,009	729
1976–77	15,296	2,158	758	25,433	3,393	921	26,411	2,222	641	24,713	1,830	714
1977–78	15,661	1,995	706	23,004	3,033	813	26,069	2,069	636	22,750	1,611	599
1978–79	16,409	1,955	712	21,019	2,536	756	25,628	2,037	563	20,285	1,415	612
1979–80	17,863	1,821	677	19,301	2,367	712	25,457	1,938	535	18,881	1,341	583
1980–81	18,753	1,911	727	18,301	2,237	643	24,977	1,875	484	17,272	1,240	610
1981–82	19,876	1,964	677	17,146	2,210	636	25,658	1,954	513	16,042	1,145	558
1982–83	20,517	1,972	734	16,467	2,041	575	25,791	1,829	435	14,105	1,112	522
1983–84	20,719	1,891	729	16,643	1,940	561	25,719	1,769	457	13,145	1,008	520
1984–85	20,711	1,992	749	16,049	1,921	468	25,834	1,500	441	11,968	1,022	480
1985–86	21,602	1,937	789	16,415	1,961	497	26,439	1,704	439	12,271	965	504
1986–87	22,378	1,855	750	16,997	2,021	534	26,817	1,618	435	12,239	950	451
1987–88	22,911	1,847	770	18,207	2,093	517	27,207	1,579	391	13,024	984	452
1988–89	23,454	1,886	827	20,159	2,121	487	30,450	1,598	452	14,435	1,135	451
1989–90	23,923	1,950	806	22,476	2,369	570	33,560	1,580	480	16,035	1,198	432
1990–91	23,488	1,951	802	24,541	2,591	606	35,737	1,772	468	17,550	1,260	465
1991–92	23,423	2,106	866	26,966	2,754	644	37,805	1,908	535	19,568	1,347	501
1992–93	21,321	2,292	879	27,774	2,952	690	37,931	1,943	529	20,896	1,521	536
1993–94	19,496	2,521	869	27,503	3,009	752	36,097	2,147	616	22,368	1,639	530
1994–95	17,673	2,400	910	26,598	3,091	816	33,013	2,019	637	22,886	1,748	546
1995–96	16,674	2,533	916	26,005	2,898	805	30,775	2,024	634	24,071	1,772	527

¹ Excludes degrees in public administration and international relations.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 297.—Earned degrees in visual and performing arts¹ conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1995–96

Year	Bachelor's degrees			Master's degrees			Doctor's degrees		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
1	2	3	4	5	6	7	8	9	10
1970–71	30,394	12,256	18,138	6,675	3,510	3,165	621	483	138
1971–72	33,831	13,580	20,251	7,537	4,049	3,488	572	428	144
1972–73	36,017	14,267	21,750	7,254	4,005	3,249	616	449	167
1973–74	39,730	15,821	23,909	8,001	4,325	3,676	585	440	145
1974–75	40,782	15,532	25,250	8,362	4,448	3,914	649	446	203
1975–76	42,138	16,491	25,647	8,817	4,507	4,310	620	447	173
1976–77	41,793	16,166	25,627	8,636	4,211	4,425	662	447	215
1977–78	40,951	15,572	25,379	9,036	4,327	4,709	708	448	260
1978–79	40,969	15,380	25,589	8,524	3,933	4,591	700	454	246
1979–80	40,892	15,065	25,827	8,708	4,067	4,641	655	413	242
1980–81	40,479	14,798	25,681	8,629	4,056	4,573	654	396	258
1981–82	40,422	14,819	25,603	8,746	3,866	4,880	670	380	290
1982–83	39,794	14,690	25,104	8,763	4,013	4,750	692	404	288
1983–84	40,131	15,089	25,042	8,526	3,897	4,629	730	406	324
1984–85	38,140	14,462	23,678	8,718	3,894	4,824	696	407	289
1985–86	37,241	14,236	23,005	8,420	3,775	4,645	722	396	326
1986–87	36,615	13,751	22,864	8,508	3,756	4,752	793	447	346
1987–88	36,944	14,068	22,876	7,939	3,442	4,497	727	424	303
1988–89	38,227	14,539	23,688	8,267	3,611	4,656	753	446	307
1989–90	39,934	15,189	24,745	8,481	3,706	4,775	849	472	377
1990–91	42,186	15,761	26,425	8,657	3,830	4,827	838	466	372
1991–92	46,522	17,616	28,906	9,353	4,078	5,275	906	504	402
1992–93	47,761	18,610	29,151	9,440	4,099	5,341	882	478	404
1993–94	49,053	19,538	29,515	9,925	4,229	5,696	1,054	585	469
1994–95	48,690	19,781	28,909	10,277	4,374	5,903	1,080	545	535
1995–96	49,296	20,126	29,170	10,280	4,361	5,919	1,067	524	543

¹ Prior to 1982–83: Includes visual and performing arts, general; crafts, folk art, and artisanry; dance; design and applied art; theatre arts; film and photographic arts; fine arts; graphic arts technology; music; and precision production. From 1982–83: Includes visual and performing arts, general; crafts, folk art, and artisanry; dance; design and applied art; theatre arts and stagecraft; film/video and photographic arts; fine arts and art studies; music; and visual and performing arts, other.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 298.—Statistical profile of persons receiving doctor's degrees,¹ by field of study: 1995–96

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences ²		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
Doctor's degrees conferred (number)	42,415	6,772	6,305	5,116	8,255	6,675	1,122	1,276	6,814	1,163
Sex (percent)										
Men	60.0	38.3	87.7	50.3	56.5	79.3	79.4	70.2	48.4	52.4
Women	40.0	61.7	12.3	49.7	43.5	20.7	20.6	29.8	51.6	47.6
Racial/ethnic group (percent)³										
American Indian	0.6	1.0	0.4	0.5	0.5	0.3	0.2	0.4	0.7	0.7
Asian	11.9	3.1	26.8	5.1	17.9	19.8	22.0	10.7	6.4	5.3
Black	4.7	10.1	2.2	3.1	2.9	2.0	1.3	4.4	5.0	7.7
Hispanic	3.5	3.6	2.9	4.3	3.1	2.6	1.6	2.6	4.6	3.7
White	79.3	82.2	67.6	87.0	75.5	75.3	75.0	82.0	83.3	82.7
Citizenship (percent)										
United States	65.4	86.6	41.1	77.4	60.7	51.6	43.5	62.9	76.2	72.8
Non-U.S., permanent visa	8.9	2.9	12.6	6.9	12.3	12.6	14.1	7.4	5.9	5.8
Non-U.S., temporary visa	22.7	7.0	43.1	12.7	24.7	32.4	39.3	26.5	14.8	18.4
Unknown	3.1	3.4	3.3	3.0	2.2	3.4	3.1	3.2	3.1	3.0
Median age at doctorate (years)	33.8	44.3	31.7	35.2	32.5	31.1	30.9	36.4	33.7	39.6
Percent with bachelor's degree in same field as doctorate	54.8	36.1	80.2	55.8	49.2	65.6	69.7	35.1	53.4	30.3
Median time lapse from bachelor's to doctorate (years)										
Total time	10.8	20.2	9.0	11.8	9.6	8.3	8.3	12.7	10.3	15.5
Registered time	7.2	8.2	6.4	8.3	7.0	6.7	6.7	7.3	7.4	8.0
Postdoctoral plans (percent)										
Postdoctoral study plans	26.1	3.4	21.9	7.6	57.8	42.6	30.0	3.4	19.5	5.1
Fellowship	13.0	1.2	7.0	4.2	32.8	18.3	14.8	1.2	12.1	2.3
Research associateship	9.9	1.1	13.0	0.9	18.0	21.8	10.1	1.2	4.2	0.9
Traineeship	1.0	0.4	0.9	0.4	1.6	0.9	2.4	0.2	1.5	0.8
Other	2.2	0.8	1.0	2.1	5.4	1.6	2.8	0.9	1.7	1.0
Postdoctoral employment	65.1	86.3	69.6	83.5	35.3	48.7	61.2	86.1	70.8	86.8
Educational institution ⁴	36.3	67.8	13.3	65.9	17.1	17.2	38.0	64.7	37.4	54.9
Industry, business	16.7	6.1	46.0	5.4	8.5	24.7	16.9	15.3	12.1	10.2
Government	4.7	5.2	6.3	1.1	4.9	3.0	2.1	2.4	7.0	5.0
Nonprofit organization	3.5	3.8	1.0	5.1	2.1	0.7	0.5	1.1	7.6	11.6
Other and unknown	4.0	3.5	3.0	6.0	2.7	3.0	3.7	2.5	6.7	5.0
Postdoctoral plans unknown	8.8	10.3	8.4	8.9	6.9	8.7	8.7	10.6	9.8	8.2
Definite postdoctoral study	18.0	1.8	12.9	4.0	42.4	30.6	19.3	1.8	13.3	2.8
Seeking postdoctoral study	8.0	1.6	9.0	3.6	15.4	12.0	10.7	1.6	6.2	2.3
Definite employment	43.2	64.1	44.7	49.5	22.8	30.9	37.7	64.5	45.8	62.3
Seeking employment	21.9	22.2	24.9	34.0	12.5	17.7	23.5	21.6	25.0	24.4
Primary postdoctoral activity (percent)⁵										
Research and development	29.4	5.6	69.5	6.9	42.5	55.0	34.8	27.9	25.1	9.0
Teaching	37.7	38.1	11.9	73.9	31.4	27.2	48.0	52.9	34.2	54.9
Administration	12.9	39.3	2.0	4.7	6.7	2.4	1.4	6.0	5.7	11.3
Professional services	13.0	11.2	9.4	6.3	12.3	8.7	8.5	6.0	28.1	16.7
Other	3.6	2.3	4.2	4.4	3.7	3.4	2.8	3.8	3.4	5.1
Activity unknown	3.4	3.5	2.9	3.8	3.3	3.3	4.5	3.5	3.4	3.0
Region of employment after doctorate (percent)⁵										
New England	6.0	4.4	5.7	8.2	5.3	6.8	8.5	8.1	6.4	5.2
Middle Atlantic	13.5	12.2	14.0	13.9	10.6	15.2	14.4	11.7	15.3	14.3
East North Central	13.5	14.7	12.9	14.4	12.1	13.3	14.2	13.2	13.0	11.7
West North Central	6.9	9.1	3.8	8.6	6.8	5.8	8.3	5.8	5.9	7.7
South Atlantic	15.7	18.7	10.6	15.1	17.0	14.1	13.7	16.3	17.2	13.2
East South Central	4.5	6.7	2.1	4.8	4.9	2.9	4.5	5.2	3.9	5.1
West South Central	8.5	9.9	9.0	7.9	6.9	7.0	6.4	10.3	7.8	10.9
Mountain	5.7	6.7	5.6	4.9	5.0	5.7	5.7	4.5	6.0	5.7
Pacific and insular	13.0	10.8	21.1	11.1	11.0	17.5	12.3	9.5	10.9	7.9
U.S., region unknown	1.2	1.3	1.2	1.6	1.1	0.8	0.2	0.5	1.2	1.4
Foreign	11.4	5.5	14.0	9.4	19.2	10.6	10.9	14.8	12.2	16.6
Region unknown	0.2	0.2	0.1	0.2	0.2	0.3	0.9	0.0	0.1	0.3

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees, such as M.D., D.D.S., and D.V.M.

² Includes mathematics, computer science, physics, astronomy, chemistry, and earth, atmospheric, and marine sciences.

³ Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

⁴ Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

⁵ Includes only recipients with definite employment plans.

NOTE.—The above classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major dif-

ferences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. The above tabulation excludes some non-research doctorate degrees such as doctor's degrees in theology. Total includes a small number of graduates not reported by field of study. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Summary Report 1996: Doctorate Recipients from United States Universities*. (This table was prepared May 1998.)

Table 299.—Statistical profile of persons receiving doctor's degrees in education: 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	7,576	7,489	6,780	6,717	6,649	6,454	6,362	6,281	6,510	6,454	6,677	6,689	6,708	6,649	6,772
Sex (percent)															
Men	55.5	52.8	49.0	48.2	45.6	44.9	44.8	42.5	42.4	41.9	40.5	41.3	39.1	38.4	38.3
Women	44.5	47.2	51.0	51.8	54.4	55.1	55.2	57.5	57.6	58.1	59.5	58.7	60.9	61.6	61.7
Racial/ethnic group percent ¹															
American Indian	0.8	0.6	0.5	0.7	0.5	0.7	0.6	0.4	0.6	1.0	0.8	0.8	0.6	0.7	1.0
Asian	1.3	1.9	1.5	1.7	1.6	1.7	2.4	1.9	1.8	2.2	2.4	2.4	2.9	3.0	3.1
Black	9.1	9.1	8.7	8.7	8.1	7.4	7.6	8.1	8.2	7.9	8.4	9.4	8.6	10.4	10.1
Hispanic	2.4	2.5	2.6	3.2	3.7	3.6	2.9	3.1	3.3	3.3	3.5	3.7	4.0	4.4	3.6
White	86.3	85.9	86.7	85.6	86.1	86.6	86.4	86.5	86.0	85.6	84.8	83.7	83.9	81.6	82.2
Citizenship (percent)															
United States	88.7	87.7	86.8	85.5	84.7	84.9	83.1	82.9	84.4	84.8	86.8	86.4	87.4	86.8	86.6
Foreign	8.2	8.8	9.8	10.4	9.6	9.2	10.2	9.7	9.7	10.2	10.7	10.8	11.0	11.0	9.9
Unknown	3.1	3.6	3.4	4.1	5.6	6.0	6.7	7.4	5.8	5.0	2.4	2.7	1.6	2.3	3.4
Median age at doctorate (years)	37.0	37.3	38.4	38.7	39.4	39.8	40.5	41.1	41.6	42.1	42.7	43.0	43.6	43.8	44.3
Percent with bachelor's degree in same field as doctorate	39.0	38.9	39.6	38.7	39.0	37.8	36.9	38.5	37.5	39.3	38.7	37.4	36.9	37.0	36.1
Median time lapse from bachelor's to doctorate (years)															
Total time	13.1	13.5	14.6	15.1	15.7	16.2	16.9	17.3	17.9	18.4	18.9	19.2	19.7	19.9	20.2
Registered time	6.9	7.0	7.6	7.6	7.8	7.9	8.1	8.2	8.1	8.1	8.2	8.2	8.1	8.2	8.2

¹ Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

"Completions" survey. Some data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs slightly from that reported in the NCES

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 300.—Statistical profile of persons receiving doctor's degrees in engineering: 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	2,479	2,528	2,915	3,165	3,376	3,712	4,187	4,543	4,894	5,214	5,438	5,698	5,822	6,008	6,305
Sex (percent)															
Men	96.4	96.1	94.8	93.7	93.3	93.5	93.2	91.8	91.5	91.3	90.7	90.9	89.1	88.4	87.7
Women	3.6	3.9	5.2	6.3	6.7	6.6	6.8	8.2	8.5	8.7	9.3	9.1	10.9	11.6	12.3
Racial/ethnic group (percent) ¹															
American Indian	0.2	0.3	0.2	0.1	0.3	0.4	0.2	0.3	0.2	0.3	0.4	0.1	0.2	0.3	0.4
Asian	18.9	20.0	17.1	18.4	15.6	17.7	16.0	16.6	15.3	17.4	18.2	19.7	28.8	31.5	26.8
Black	1.2	1.4	1.0	2.2	1.4	1.3	1.4	1.4	1.8	2.4	1.9	1.9	1.8	2.2	2.2
Hispanic	1.9	1.0	2.4	1.5	2.1	1.8	3.0	2.2	2.4	2.6	3.0	2.4	2.2	2.4	2.9
White	77.8	77.3	79.3	77.8	80.6	78.8	79.4	79.5	80.4	77.4	76.5	75.9	67.0	63.7	67.6
Citizenship (percent)															
United States	50.6	46.2	42.5	40.4	40.8	41.8	42.4	40.9	39.4	37.9	38.7	39.1	38.0	39.7	41.1
Foreign	46.3	49.1	52.9	54.6	50.8	50.7	49.8	50.4	52.5	54.7	57.8	57.1	60.0	57.9	55.7
Unknown	3.1	4.7	4.6	5.0	8.4	7.4	7.7	8.8	8.1	7.3	3.5	3.9	2.1	2.5	3.3
Median age at doctorate (years)	30.3	30.5	30.7	30.9	31.0	31.0	31.0	31.1	31.2	31.4	31.5	31.6	31.7	31.7	31.7
Percent with bachelor's degree in same field as doctorate	75.2	74.1	74.3	74.2	73.0	75.2	76.4	76.2	76.9	79.0	81.8	80.1	80.4	79.1	80.2
Median time lapse from bachelor's to doctorate (years)															
Total time	7.6	7.9	8.0	8.1	8.1	8.1	8.1	8.1	8.2	8.5	8.7	8.8	9.0	9.1	9.0
Registered time	5.6	5.6	5.8	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.2	6.3	6.4	6.4	6.4

¹ Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

"Completions" survey. Some data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The number of degrees also differs slightly from that reported in the NCES

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 301.—Statistical profile of persons receiving doctor's degrees in the humanities: ¹ 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	3,863	3,745	3,528	3,428	3,461	3,500	3,555	3,552	3,822	4,099	4,444	4,482	4,744	5,061	5,116
Sex (percent)															
Men	60.4	58.7	55.0	56.6	54.8	55.1	55.7	54.5	54.4	53.5	53.7	52.5	52.3	51.7	50.3
Women	39.6	41.3	45.0	43.4	45.2	44.9	44.3	45.5	45.6	46.5	46.3	47.5	47.7	48.3	49.7
Racial/ethnic group (percent) ²															
American Indian	0.3	0.4	0.2	0.3	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.3	0.6	0.4	0.5
Asian	2.0	1.8	1.8	2.3	1.8	2.1	2.3	3.0	2.4	2.5	3.0	3.6	4.6	5.1	5.1
Black	3.0	2.9	3.4	2.6	2.9	2.9	3.0	2.9	2.3	3.0	2.7	3.0	2.9	2.9	3.1
Hispanic	3.0	3.2	3.7	3.8	3.5	4.3	3.9	3.8	4.2	4.3	3.9	4.2	4.4	3.8	4.3
White	91.6	91.7	90.9	91.1	91.6	90.3	90.5	90.2	90.9	89.9	89.9	88.9	87.5	87.8	87.0
Citizenship (percent)															
United States	87.3	85.7	83.7	83.1	78.8	78.0	78.4	76.4	78.3	77.0	77.7	78.3	78.3	78.6	77.4
Foreign	8.8	10.2	11.2	12.1	13.7	14.3	14.4	15.5	15.2	18.3	19.2	18.7	19.9	19.4	19.6
Unknown	3.9	4.1	5.2	4.8	7.4	7.7	7.1	8.1	6.5	4.7	3.2	3.0	1.8	1.9	3.0
Median age at doctorate (years)	33.4	33.5	34.5	34.7	35.0	35.0	35.4	35.7	35.7	35.8	35.6	35.6	35.7	35.4	35.2
Percent with bachelor's degree in same field as doctorate	64.2	61.0	60.2	58.8	58.2	58.5	56.7	55.5	57.1	57.7	56.5	56.4	57.4	56.6	55.8
Median time lapse from bachelor's to doctorate (years)															
Total time	10.6	10.8	11.5	11.7	12.1	12.0	12.2	12.5	12.2	12.3	12.0	11.9	12.0	12.0	11.8
Registered time	7.7	7.7	8.2	8.3	8.2	8.4	8.5	8.4	8.3	8.4	8.3	8.3	8.5	8.4	8.3

¹ Includes American studies, archeology, art history, classics, history, letters, literature, music, philosophy, religion, and theatre.
² Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than

social sciences and that psychology is included under social sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Some data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 302.—Statistical profile of persons receiving doctor's degrees in the life sciences: ¹ 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	5,325	5,461	5,745	5,748	5,734	5,754	6,164	6,342	6,605	6,933	7,115	7,395	7,739	7,918	8,255
Sex (percent)															
Men	74.8	73.6	68.9	67.7	66.0	64.8	63.2	61.8	62.6	61.4	60.7	58.3	58.4	57.9	56.5
Women	25.2	26.4	31.1	32.3	34.0	35.2	36.8	38.2	37.4	38.6	39.3	41.7	41.6	42.1	43.5
Racial/ethnic group (percent) ²															
American Indian	0.2	0.2	0.3	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.4	0.3	0.4	0.5	0.5
Asian	5.3	4.8	4.7	4.7	4.9	5.7	5.0	5.3	5.6	6.6	7.1	8.7	15.7	18.5	17.9
Black	1.6	1.9	2.1	2.1	1.9	2.5	2.2	2.1	1.9	2.4	2.3	2.9	2.6	3.1	2.9
Hispanic	1.1	1.4	1.4	1.9	2.1	2.0	2.3	2.1	2.7	2.6	2.8	3.0	3.2	3.0	3.1
White	91.8	91.7	91.5	90.8	90.5	89.4	90.0	90.1	89.6	88.0	87.3	85.1	78.2	74.9	75.5
Citizenship (percent)															
United States	80.4	80.3	79.4	77.1	75.9	73.5	71.3	71.1	68.0	66.8	65.7	65.3	64.0	63.1	60.7
Foreign	17.6	17.1	17.6	19.3	18.8	20.5	22.2	22.1	26.3	29.1	31.8	32.6	34.9	35.2	37.0
Unknown	2.0	2.6	3.0	3.6	5.3	6.1	6.4	6.9	5.6	4.0	2.5	2.2	1.1	1.7	2.2
Median age at doctorate (years)	30.0	30.1	31.0	31.3	31.6	31.7	31.9	32.2	32.3	32.4	32.7	32.5	32.7	32.4	32.5
Percent with bachelor's degree in same field as doctorate	40.9	40.7	58.1	58.3	57.1	55.6	55.4	53.4	53.8	54.1	53.5	51.9	51.0	50.8	49.2
Median time lapse from bachelor's to doctorate (years)															
Total time	7.3	7.3	8.2	8.4	8.7	8.7	8.9	9.1	9.1	9.1	9.4	9.4	9.5	9.5	9.6
Registered time	5.8	5.9	6.3	6.3	6.4	6.5	6.5	6.5	6.7	6.7	6.7	6.8	7.0	7.0	7.0

¹ Includes agricultural, biological, and health sciences.
² Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics

(NCES). The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Some data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 303.—Statistical profile of persons receiving doctor's degrees in the physical sciences: ¹ 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	3,151	3,208	3,459	3,531	3,679	3,840	4,045	3,984	4,262	4,441	4,575	4,470	4,801	4,621	4,632
Sex (percent)															
Men	87.7	88.7	85.4	83.7	83.6	83.3	82.6	80.9	81.2	81.0	79.1	78.9	79.0	77.3	78.1
Women	12.3	11.3	14.6	16.3	16.4	16.7	17.4	19.2	18.8	19.0	20.9	21.1	21.0	22.7	21.9
Racial/ethnic group (percent) ²															
American Indian	0.2	0.1	0.2	0.1	0.2	0.3	0.3	0.6	0.1	0.5	0.5	0.3	0.2	0.3	0.3
Asian	7.7	6.9	6.6	6.9	7.1	7.0	5.7	6.7	6.6	6.6	8.9	10.2	20.8	25.3	18.9
Black	1.0	1.3	1.3	1.2	1.0	1.0	1.3	1.3	1.0	1.2	1.1	1.6	1.6	1.4	2.1
Hispanic	1.1	1.3	2.0	1.7	2.1	2.4	2.6	2.6	3.1	2.9	3.2	3.4	2.6	2.5	2.8
White	90.0	90.5	89.9	90.1	89.5	89.3	90.1	88.8	89.3	88.8	86.4	84.5	74.8	70.6	76.0
Citizenship (percent)															
United States	75.9	75.4	73.6	70.3	66.1	65.1	64.3	62.5	61.0	59.3	57.9	57.1	56.3	56.7	54.7
Foreign	21.6	21.3	23.5	25.5	27.8	28.5	28.8	29.8	32.4	35.9	39.6	39.7	41.7	41.7	41.8
Unknown	2.4	3.3	2.9	4.1	6.1	6.4	6.9	7.8	6.7	4.8	2.5	3.2	2.1	1.8	3.5
Median age at doctorate (years)	29.1	29.0	29.5	29.5	29.9	29.8	30.1	30.0	30.7	30.2	30.3	30.6	30.7	30.7	31.6
Percent with bachelor's degree in same field as doctorate	76.5	76.6	77.7	75.0	73.4	72.6	72.6	72.6	80.0	76.9	74.5	72.9	73.0	70.8	69.6
Median time lapse from bachelor's to doctorate (years)															
Total time	6.8	6.7	7.0	7.1	7.1	7.1	7.2	7.2	7.8	7.5	7.8	8.0	8.2	8.1	8.9
Registered time	5.7	5.7	6.0	6.0	6.0	5.9	6.1	6.0	6.3	6.2	6.4	6.4	6.6	6.8	6.9

¹Includes physics, astronomy, chemistry, and earth, atmospheric, and marine sciences. Excludes mathematics and computer science.

²Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics

(NCES). The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Some data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 304.—Statistical profile of persons receiving doctor's degrees in the social sciences: ¹ 1979–80 to 1995–96

Item	1979–80	1980–81	1983–84	1984–85	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Number of doctorates	6,253	6,505	5,895	5,720	5,893	5,790	5,781	5,961	6,093	6,152	6,216	6,545	6,613	6,635	6,814
Sex (percent)															
Men	65.4	64.4	59.2	58.9	57.6	57.2	55.0	54.8	53.7	50.6	52.6	50.7	50.6	49.2	48.4
Women	34.6	35.6	40.8	41.1	42.4	42.8	45.0	45.2	46.3	49.4	47.4	49.3	49.4	50.8	51.6
Racial/ethnic group (percent) ²															
American Indian	0.3	0.2	0.2	0.4	0.4	0.5	0.3	0.4	0.5	0.4	0.5	0.4	0.5	0.5	0.7
Asian	2.8	2.5	2.5	2.6	2.6	3.2	3.3	3.1	3.0	3.3	3.6	4.0	6.1	7.3	6.4
Black	4.2	4.0	4.6	4.4	4.1	3.8	4.4	4.4	4.4	4.9	4.5	4.7	4.7	5.2	5.0
Hispanic	2.0	2.3	2.8	2.9	3.3	3.6	3.3	3.3	3.9	4.2	3.8	4.1	3.6	4.2	4.6
White	90.7	91.0	90.0	89.8	89.7	89.0	88.8	88.7	88.2	87.2	87.7	86.9	85.0	82.8	83.3
Citizenship (percent)															
United States	84.7	84.0	80.6	79.3	77.9	76.1	74.8	70.4	73.8	73.4	74.3	75.5	75.5	76.0	76.2
Foreign	11.6	11.9	14.1	15.3	15.3	15.7	16.1	17.3	18.0	19.8	21.2	21.3	21.7	21.4	20.7
Unknown	3.7	4.2	5.4	5.4	6.9	8.3	9.1	12.2	8.2	6.8	4.4	3.1	2.8	2.6	3.1
Median age at doctorate (years)	31.6	32.0	32.7	33.0	33.4	33.5	34.1	33.9	34.2	34.1	34.3	34.3	34.1	34.1	33.7
Percent with bachelor's degree in same field as doctorate	58.6	59.1	59.3	58.5	57.0	56.4	54.5	52.3	55.4	54.2	53.1	53.7	53.2	52.2	53.4
Median time lapse from bachelor's to doctorate (years)															
Total time	8.7	9.0	9.7	9.9	10.0	10.3	10.5	10.3	10.6	10.5	10.6	10.4	10.5	10.5	10.3
Registered time	6.4	6.5	7.1	7.1	7.2	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.4

¹Includes anthropology, area studies, criminology, economics, geography, political science, public policy, psychology, and sociology.

²Longitudinal comparisons by race/ethnicity should be done with extreme care, due to periodic changes in the survey. Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

NOTE.—The National Research Council's classification of degrees by field differs somewhat from that in most publications of the National Center for Education Statistics (NCES). The major differences are that history is included under humanities rather than social sciences and that psychology is included under social sciences. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Some

data have been revised from previously published figures. Because of rounding, percents may not add to 100.0.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared May 1998.)

Table 305.—Doctor's degrees¹ conferred by 60 large institutions of higher education: 1986–87 to 1995–96¹

Institution	Rank order ²	Total, 1986–87 to 1995–96	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13
United States, all institutions	—	397,370	34,041	34,870	35,720	38,371	39,294	40,659	42,132	43,185	44,446	44,652
Total, 60 large institutions	—	228,934	20,006	20,447	21,074	22,201	22,956	23,520	24,141	24,701	25,015	24,873
University of California, Berkeley	1	8,009	727	742	838	800	800	798	810	896	828	770
University of Wisconsin, Madison	2	7,093	667	684	667	717	708	680	676	783	758	753
University of Illinois at Urbana	3	6,958	616	646	647	707	737	775	705	666	761	698
The University of Texas at Austin	4	6,682	612	588	583	647	710	671	686	714	727	744
Ohio State University, Main Campus	5	6,450	570	542	608	604	644	671	685	710	699	717
University of Minnesota Twin Cities	6	6,350	508	527	543	633	706	651	627	707	685	763
Columbia University in the City of New York	7	6,325	593	567	615	723	802	630	687	644	660	404
University of Michigan, Ann Arbor	8	6,308	589	564	527	583	661	676	654	649	714	691
University of California, Los Angeles	9	5,695	448	508	459	558	558	613	657	620	663	611
Stanford University	10	5,550	562	560	540	532	487	569	581	560	574	585
Cornell University ³	11	5,160	445	454	481	555	531	540	520	593	525	516
Massachusetts Institute of Technology	12	5,085	458	516	492	509	497	514	516	508	521	554
Harvard University	13	5,033	434	465	461	505	505	501	540	538	556	528
Texas A & M University	14	4,713	369	382	420	411	446	472	496	579	564	574
Pennsylvania State University, Main Campus	15	4,636	341	379	417	420	463	541	495	507	563	510
Purdue University, Main Campus	16	4,545	370	366	420	467	430	478	504	493	509	508
University of Maryland College Park Campus	17	4,526	378	364	393	468	453	506	490	528	480	466
University of Pennsylvania	18	4,454	307	319	414	462	495	477	506	488	539	447
University of Washington	19	4,366	411	392	403	457	459	396	416	455	482	495
Michigan State University	20	4,363	464	427	434	432	397	476	401	429	419	484
University of Southern California	21	4,188	354	354	429	429	359	355	415	415	539	539
New York University	22	3,908	392	421	376	392	392	404	404	391	380	356
University of Florida	23	3,718	313	315	342	366	370	364	372	442	400	434
Nova Southeastern University	24	3,626	271	292	306	316	290	336	433	485	450	447
Rutgers University, New Brunswick	25	3,625	320	311	327	342	326	402	376	400	405	416
University of Arizona	26	3,554	298	290	326	311	382	352	373	442	396	384
University of Pittsburgh, Main Campus	27	3,524	394	390	367	337	344	343	333	334	324	358
Indiana University, Bloomington	28	3,520	374	319	313	321	342	398	348	348	383	374
University of Massachusetts, Amherst	29	3,445	311	281	329	362	400	409	370	338	307	338
University of North Carolina at Chapel Hill	30	3,417	311	301	299	337	336	338	388	373	369	365
Virginia Polytechnic Institute and State University	31	3,412	295	287	303	342	332	366	369	379	361	378
University of Chicago	32	3,409	319	318	310	335	317	322	346	395	366	381
Northwestern University	33	3,378	319	313	358	327	308	351	363	305	375	359
Yale University	34	3,365	305	290	317	312	344	347	369	348	366	367
University of Iowa	35	3,315	287	312	287	299	360	380	331	342	340	377
University of Georgia	36	3,253	275	316	340	313	332	331	352	309	342	343
Iowa State University	37	2,952	296	309	257	282	297	277	322	307	318	287
State University of New York at Buffalo	38	2,856	209	240	274	249	265	290	320	345	318	346
University of California, Davis	39	2,854	228	238	221	258	258	284	306	323	341	397
Boston University	40	2,847	299	245	304	277	258	280	271	289	315	309
Temple University	41	2,799	290	277	285	249	251	282	282	287	315	281
University of Virginia, Main Campus	42	2,770	218	229	242	253	291	291	315	294	312	325
City University of New York Graduate School and University Center	43	2,751	232	258	225	259	320	257	318	286	294	302
North Carolina State University at Raleigh	44	2,704	200	239	224	294	256	279	283	300	304	325
Johns Hopkins University	45	2,703	213	267	229	240	285	297	318	262	271	321
University of Colorado at Boulder	46	2,642	229	231	221	248	263	249	299	306	299	297
Florida State University	47	2,618	226	250	246	249	257	286	262	274	295	273
Princeton University	48	2,555	218	269	227	240	244	255	249	267	300	286
University of Tennessee, Knoxville	49	2,333	206	217	209	214	214	260	249	226	257	281
University of Missouri, Columbia	50	2,330	181	227	236	236	212	258	260	253	219	248
University of South Carolina at Columbia	51	2,307	169	191	169	215	248	242	281	288	237	267
Arizona State University, Main Campus	52	2,286	146	158	194	191	227	222	270	258	305	315
State University of New York at Stony Brook	53	2,268	156	196	190	200	248	225	283	268	241	261
University of Nebraska at Lincoln	54	2,241	203	233	236	217	202	212	221	227	229	261
University of California, San Diego	55	2,233	163	186	189	185	185	227	280	285	274	259
University of Cincinnati, Main Campus	56	2,206	182	188	182	213	231	220	226	273	264	227
University of Kansas Main Campus	57	2,193	221	213	224	180	209	235	193	225	250	243
University of Connecticut	58	2,188	193	180	198	217	228	206	216	246	265	239
University of Rochester	59	2,185	198	167	208	226	194	231	224	236	242	259
Wayne State University	60	2,155	123	137	193	178	290	222	299	263	220	230

¹ Includes Ph.D., Ed.D., and comparable degrees at the doctoral level. Excludes first-professional degrees (e.g., M.D., D.D.S., and D.V.M.).

² Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period ending June 30, 1996.

³ Includes degrees conferred by the Endowed and Statutory Colleges.

—Not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared July 1998.)

Table 306.—Percentage distribution of 1980 high school sophomores, by highest level of education completed through 1992, by selected student characteristics: 1980 to 1992

Student characteristics	All 1980 sophomores	Less than high school	High school	Certificate	Associate degree	Bachelor's degree	Master's degree	Professional degree	Doctor's degree
1	2	3	4	5	6	7	8	9	10
Total	100.0	5.8	51.5	11.0	7.9	20.0	2.7	0.9	0.2
Sex									
Male	100.0	6.5	53.5	9.7	6.7	19.5	2.6	1.3	0.2
Female	100.0	5.0	49.5	12.4	9.1	20.5	2.8	0.5	0.1
Race/ethnicity									
White, non-Hispanic	100.0	4.9	49.1	10.1	8.4	23.1	3.2	1.0	0.2
Black, non-Hispanic	100.0	6.9	59.6	16.3	5.2	10.0	1.5	0.5	0.2
Hispanic	100.0	11.9	59.6	11.2	7.3	9.0	0.6	0.3	—
Asian/Pacific Islander	100.0	0.6	40.9	6.9	6.2	32.7	4.7	7.5	0.7
American Indian/Alaskan Native	100.0	17.8	58.2	11.8	5.0	6.7	0.5	—	—
Socioeconomic status (1980)									
Low quartile	100.0	9.0	64.6	12.3	6.9	6.4	0.7	0.1	—
Middle two quartiles	100.0	3.9	53.8	11.5	9.1	19.0	2.0	0.5	0.1
High quartile	100.0	1.4	32.7	7.0	7.6	41.2	6.9	2.7	0.5
Test score composite (1982)									
Low quartile	100.0	15.6	64.0	13.0	4.1	3.0	0.2	—	0.1
Middle two quartiles	100.0	3.1	56.2	12.8	10.1	16.1	1.5	0.3	—
High quartile	100.0	0.1	26.5	4.8	7.2	49.2	8.7	3.0	0.6
Parents' educational attainment in 1980									
No high school diploma	100.0	6.5	59.8	12.8	8.6	10.8	1.2	0.3	0.1
High school graduate	100.0	5.2	59.1	12.4	6.0	16.6	0.3	0.4	—
Vocational/technical	100.0	3.0	49.2	15.4	10.2	19.1	2.4	0.5	0.1
Some college	100.0	2.1	43.7	8.4	8.4	32.0	4.3	1.0	0.2
Bachelor's degree	100.0	1.4	32.6	4.9	8.1	42.4	6.9	3.1	0.5
Advanced degree	100.0	3.5	23.9	8.6	4.9	44.1	10.0	4.3	0.7
High school diploma status									
Regular diploma in 1982	100.0	0.3	51.9	10.8	8.7	23.9	3.2	1.1	0.2
Returned for diploma	100.0	6.8	68.3	14.4	7.0	3.4	0.1	0.1	—
Returned but no diploma	100.0	27.1	47.7	19.9	3.4	1.9	—	—	—
Never returned	100.0	51.5	35.7	9.5	2.1	0.9	0.3	—	—
Postsecondary expectations in 1982									
None	100.0	15.5	71.1	9.3	3.0	1.0	0.1	—	0.1
Vocational/technical	100.0	4.6	61.6	19.8	10.7	3.3	0.1	—	—
Less-than-4-year degree	100.0	1.6	53.2	13.3	15.6	15.0	1.1	0.2	—
Bachelor's degree	100.0	0.9	35.3	6.8	6.3	44.9	5.0	0.8	0.1
Advanced degree	100.0	0.8	28.9	5.2	5.7	45.1	9.0	4.4	0.8
Type of start in postsecondary education									
Fall 1982 full-time 4-year	100.0	—	21.2	3.5	4.6	57.8	9.0	3.4	0.5
Fall 1982 full-time public 2-year	100.0	0.3	36.5	11.9	24.4	24.6	2.1	0.2	—
Fall 1982 part-time 4-year	100.0	—	52.2	6.7	10.0	27.2	3.5	0.1	0.4
Fall 1982 part-time public 2-year	100.0	1.6	59.5	13.4	9.4	14.4	0.9	0.8	—
Fall 1982 other	100.0	0.2	23.0	34.3	24.5	15.7	1.9	0.4	—
Delayed 4-year	100.0	0.4	55.6	8.1	7.4	24.0	3.7	0.4	0.4
Delayed public 2-year	100.0	1.7	63.0	16.9	12.0	6.2	0.2	—	—
Delayed other	100.0	1.9	31.4	48.4	14.4	3.8	0.1	0.1	—
Other enrollment	100.0	—	—	86.5	5.1	6.0	1.1	0.4	0.8
Never enrolled	100.0	16.1	83.9	—	—	—	—	—	—

—Data not applicable or not available.

NOTE.—Because of rounding, details may not add to 100.0 percent.

SOURCE: National Center for Education Statistics, High School and Beyond, Educational Attainment of High School Sophomores by 1992. (This table was prepared May 1995.)

Table 307.—Mean number of semester credits completed by bachelor's degree recipients, by major and course area: 1976, 1984, and 1992–93

Selected college majors	Course areas									
	Total	Business	Computer science	Education	Engineering	Mathematics	Biological sciences	Physical sciences	Social sciences and psychology	Other
1	2	3	4	5	6	7	8	9	10	11
1972 high school seniors who completed bachelor's degrees by 1976										
Mean, all majors	124.0	7.8	1.0	9.7	2.3	7.4	7.6	9.0	30.3	48.8
Business and management	124.4	41.2	2.3	0.5	0.4	10.2	2.5	4.8	30.4	32.0
Computer science	133.3	6.6	33.5	0.4	5.3	22.4	1.9	7.8	20.6	34.8
Education	126.4	0.9	0.3	40.2	—	5.0	5.5	4.3	23.9	46.4
Engineering	134.8	1.6	2.0	0.1	50.0	18.2	1.3	20.5	14.0	27.1
English	117.8	0.5	0.1	7.8	0.1	3.2	3.4	3.4	24.2	75.2
Fine arts	124.9	0.3	0.1	6.6	—	1.3	2.5	2.1	13.6	98.4
Life sciences	122.2	0.4	0.8	1.7	—	8.4	35.6	26.2	17.8	31.3
Physical sciences	122.7	0.8	1.4	0.9	1.9	16.2	9.6	49.5	13.1	29.2
Psychology	119.1	2.0	0.5	5.9	0.3	5.5	6.2	5.9	56.0	36.9
Social sciences	120.6	3.4	0.4	3.3	0.4	5.3	3.2	4.3	60.3	40.1
1980 high school seniors who completed bachelor's degrees by 1984										
Mean, all majors	123.5	12.8	3.3	6.2	4.6	8.4	5.3	8.1	27.5	47.2
Business and management	122.8	41.2	4.5	0.6	1.1	8.9	2.2	3.9	27.5	32.7
Computer science	129.3	11.8	27.9	0.3	4.7	21.3	1.8	8.5	19.0	33.9
Education	127.4	0.7	0.3	45.5	0.1	4.4	4.4	3.8	20.8	47.3
Engineering	132.3	1.0	2.3	0.8	52.5	16.2	1.1	20.2	12.3	25.9
English	114.8	1.7	1.5	6.9	—	2.2	2.1	4.7	21.4	74.4
Fine arts	120.5	1.7	0.6	5.1	—	1.7	2.7	1.5	14.1	93.1
Life sciences	121.9	0.7	1.5	1.9	0.2	10.1	33.5	22.6	18.1	33.3
Physical sciences	124.3	0.2	4.9	0.1	2.0	14.1	12.9	48.7	11.6	30.0
Psychology	120.7	3.0	2.7	2.1	—	6.5	5.8	4.2	55.2	41.2
Social sciences	119.2	6.0	1.4	1.0	0.5	5.4	4.4	5.1	52.0	43.3
1988–89 high school seniors who completed bachelor's degrees by 1993										
Mean, all majors	126.5	12.8	3.0	5.7	3.2	7.3	6.0	7.6	29.5	51.7
Business and management	123.9	44.4	3.9	0.9	0.1	7.6	2.6	3.3	23.1	37.9
Computer science	127.6	15.7	34.3	0.4	2.4	15.7	1.7	6.4	17.6	33.5
Education	126.8	1.6	1.5	32.6	—	5.9	4.7	4.4	24.5	51.6
Engineering	136.9	1.4	7.0	0.6	57.9	16.7	1.4	19.0	12.2	20.8
English	127.5	1.8	1.0	3.0	0.1	4.0	3.5	3.8	22.7	87.5
Fine arts	129.6	1.8	1.3	2.2	0.8	3.1	2.4	2.6	19.8	95.7
Life sciences	128.9	1.1	1.4	2.1	1.0	8.0	33.8	23.3	20.7	37.5
Physical sciences	129.1	1.1	2.7	1.1	2.3	15.0	7.5	49.3	16.9	33.2
Psychology	125.3	3.8	1.2	3.6	0.1	5.0	4.9	4.5	53.6	48.6
Social sciences	125.5	6.2	1.2	1.8	0.1	4.8	2.9	5.1	55.7	47.6
All bachelor's degree recipients of 1992–93										
Mean, all majors	132.2	14.6	3.7	7.2	5.4	8.3	6.0	7.8	27.3	52.0
Business and management	129.5	46.8	4.7	0.9	0.7	8.8	2.8	3.6	23.6	37.6
Computer science	137.0	17.4	37.1	0.4	5.0	16.7	2.5	7.5	17.3	33.0
Education	135.9	2.2	1.5	40.1	0.3	6.3	5.4	5.0	24.7	50.5
Engineering	142.1	2.1	7.1	0.3	61.3	17.8	1.3	18.1	11.4	22.8
English	128.8	2.9	1.4	4.6	0.1	4.3	3.5	4.2	23.2	84.5
Fine arts	133.4	2.7	2.0	3.2	0.9	3.7	2.5	4.2	19.3	94.7
Life sciences	132.5	1.7	1.6	2.9	0.9	8.7	34.8	22.3	21.3	38.2
Physical sciences	137.8	2.6	2.9	1.9	4.0	15.5	8.2	50.6	18.2	33.9
Psychology	129.0	4.0	1.4	4.2	0.3	5.5	5.1	4.2	52.4	52.0
Social sciences	127.9	6.2	1.4	2.3	0.3	5.6	3.3	5.4	54.8	48.6

—Data not available.

NOTE.—All majors total includes fields not shown separately. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Longitudinal Study of 1972: High School and Beyond; and Baccalaureate and Beyond survey. (This table was prepared January 1999.)

**Table 308.—Colleges and universities offering remedial services, by type and control of institution:
1987–88 to 1997–98**

Type and control of institution	Percent of colleges offering remedial instruction or tutoring											Change in percentage points	
	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98 ¹	1987–88 to 1996–97	1990–91 to 1997–98
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	72.7	74.9	76.6	77.7	78.6	78.5	79.0	79.8	79.5	80.0	76.7	7.3	—
All 4-year colleges	66.0	68.2	69.6	70.6	71.4	71.5	72.2	73.6	73.0	73.1	72.5	7.1	—
All 2-year colleges	82.7	84.7	87.2	88.4	89.2	88.8	89.5	89.1	89.4	91.0	82.2	8.3	—
Public institutions	90.4	91.0	92.4	93.0	93.9	93.5	93.5	93.7	93.7	94.0	93.8	3.6	0.8
4-year colleges	80.5	81.8	82.9	83.5	84.5	84.5	84.6	85.3	85.4	85.1	85.2	4.6	1.6
2-year colleges	96.4	96.6	98.2	98.9	99.6	98.8	98.7	98.6	98.6	99.2	98.7	2.9	0.2
Private institutions	58.6	62.0	64.1	65.6	66.3	66.4	67.4	68.6	68.0	68.6	64.2	10.0	—
4-year colleges	60.3	63.0	64.5	65.6	66.4	66.5	67.5	69.2	68.4	68.6	67.8	8.3	—
2-year colleges	53.0	58.6	63.0	65.5	65.8	65.8	67.0	66.6	66.3	68.4	55.1	15.3	—
Nonprofit	—	—	65.0	65.6	66.2	66.7	67.7	69.3	68.9	69.2	69.0	—	3.5
4-year colleges	—	—	64.2	64.9	65.8	66.2	67.0	68.7	68.3	68.3	68.3	—	3.4
2-year colleges	—	—	71.8	71.3	69.9	71.5	73.5	74.0	73.3	77.3	75.4	—	4.2
Proprietary	—	—	59.5	65.6	66.6	64.6	65.6	65.2	63.5	65.2	51.7	—	—
4-year colleges	—	—	71.7	81.3	79.2	73.7	76.3	76.0	69.2	72.7	63.9	—	—
2-year colleges	—	—	57.0	62.0	63.2	62.0	62.1	60.8	60.5	60.8	47.5	—	—

¹ Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal finance aid programs.
—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared January 1999.)

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

Table 309.—Percent distribution of enrollment and completion status of first-time postsecondary students starting during the 1989–90 academic year, by type of institution and other student characteristics: 1994

Student and institution characteristics	Students starting in 2-year institutions						Students starting in 4-year institutions					
	Highest degree attained				No degree, still enrolled	No degree, not enrolled	Highest degree attained				No degree, still enrolled	No degree, not enrolled
	Total, any degree	Certificate	Associate	Bachelor's			Total, any degree	Certificate	Associate	Bachelor's		
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	38.4	13.8	18.6	6.1	13.6	48.0	60.4	2.9	4.2	53.3	15.2	24.4
Male	34.6	13.0	16.2	5.5	16.2	49.2	56.5	2.4	3.9	50.2	17.3	26.3
Female	41.9	14.4	20.9	6.6	11.2	46.8	63.9	3.3	4.4	56.2	13.4	22.7
Age (as of 12/31/89)												
18 years or younger	46.8	9.9	25.8	11.0	14.7	38.5	64.4	2.4	4.0	58.0	15.3	20.3
19 years	33.2	13.6	19.3	0.2	17.4	49.5	47.8	4.7	3.0	40.0	16.7	35.5
20 to 29 years	31.2	18.8	9.9	2.5	12.0	56.8	34.8	5.3	6.9	22.5	12.7	52.5
30 years or over	27.3	18.4	8.0	0.8	8.4	64.3	23.5	7.9	6.4	9.2	11.1	65.4
Socioeconomic status in 1989–90												
Low (25 percent)	31.9	18.1	11.8	1.9	9.6	58.4	33.5	2.8	4.9	25.8	17.4	49.1
Middle (50 percent)	36.9	14.9	16.6	5.4	14.8	48.3	53.8	3.7	5.0	45.1	17.0	29.2
High (25 percent)	45.4	8.9	26.6	9.9	13.9	40.7	67.3	2.4	3.5	61.3	13.8	19.0
Race												
White, non-Hispanic	39.0	13.1	19.6	6.4	12.2	48.8	61.4	2.7	4.4	54.3	14.1	24.4
Black, non-Hispanic	35.2	17.8	14.1	3.2	11.3	53.5	50.8	4.6	4.3	41.9	21.3	27.9
Hispanic	38.2	15.3	16.4	6.6	20.5	41.3	50.6	1.3	2.1	47.2	21.3	28.1
Asian/Pacific Islander	37.6	15.0	16.7	5.9	23.0	39.3	67.6	2.7	1.7	63.1	18.5	13.9
Highest education level of parents												
Less than high school diploma	30.3	19.2	9.1	2.0	10.2	59.5	55.8	7.1	6.6	42.0	14.7	29.6
High school diploma	39.6	14.6	18.7	6.3	9.8	50.7	50.5	4.6	4.6	41.3	16.7	32.8
Some postsecondary	39.0	11.4	20.9	6.8	16.3	44.7	58.1	2.1	4.9	51.2	14.9	26.9
Bachelor's or higher	43.0	9.8	25.0	8.2	21.1	35.9	68.1	1.8	3.2	63.1	14.7	17.2
Dependency status in 1989–90												
Dependent	43.5	11.7	23.5	8.4	14.6	41.8	62.9	2.6	4.0	56.3	15.3	21.8
Independent	28.8	17.6	9.4	1.8	11.7	59.5	33.1	6.2	5.4	21.5	14.1	52.8
Dependent student family income in 1989–90												
Less than \$20,000	40.6	12.7	22.3	5.6	14.4	45.1	52.5	3.0	4.9	44.5	18.2	29.3
\$20,000 to \$39,999	44.0	13.1	21.5	9.3	12.6	43.4	58.1	2.5	4.0	51.5	16.5	25.5
\$40,000 to \$59,999	44.5	12.1	23.3	9.1	12.5	43.0	64.8	3.3	4.1	57.4	15.5	19.6
\$60,000 or more	46.1	5.9	30.5	9.8	23.6	30.2	72.2	1.7	3.4	67.1	12.2	15.6
Delayed postsecondary enrollment												
Did not delay ¹	46.4	11.1	25.8	9.5	15.1	38.5	64.1	2.4	4.0	57.7	15.5	20.4
Delayed entry	28.4	17.1	9.6	1.7	11.6	60.0	32.6	6.4	5.4	20.8	12.7	54.7
Attendance status when began at first institution												
Full-time	48.0	12.6	25.6	9.8	13.7	38.3	63.9	2.6	4.0	57.4	14.9	21.2
Part-time	27.3	15.0	10.6	1.8	14.4	58.2	33.3	6.4	8.2	18.7	14.9	51.9
Intensity of enrollment through first degree												
Exclusively part-time	12.6	10.9	1.6	0.2	7.7	79.8	9.7	5.5	2.5	1.7	5.9	84.4
Mixed full-time and part-time	46.5	14.3	24.7	7.5	22.3	31.3	59.4	2.9	4.1	52.4	19.8	20.8
Exclusively full-time	51.3	15.7	26.1	9.6	7.3	41.4	67.3	2.5	4.4	60.3	11.2	21.6
Degree working towards at first institution												
None	13.0	6.0	3.6	3.4	13.8	73.3	30.5	5.3	4.4	20.8	12.4	57.1
Certificate	44.0	37.7	6.2	0.2	5.3	50.7	57.3	15.2	9.3	32.8	9.4	33.3
Associate's degree	42.6	11.4	23.7	7.5	12.1	45.2	44.0	5.8	16.7	21.5	13.1	43.0
Bachelor's	36.9	8.1	21.0	7.9	22.5	40.6	62.6	2.4	3.1	57.1	15.6	21.8
Worked full time while enrolled when began at first institution												
Did not work full time	44.9	15.4	22.1	7.3	11.9	43.2	61.9	2.8	4.2	54.9	15.9	22.2
Worked full time	26.6	11.6	12.2	2.8	16.7	56.7	55.5	3.5	4.4	47.6	12.5	32.1
Control of first institution												
Public	36.7	12.9	17.5	6.3	14.7	48.6	54.8	3.2	4.7	47.0	18.4	26.8
Private, not for profit	52.2	14.5	29.6	8.1	12.5	35.3	71.9	2.3	3.0	66.6	8.6	19.5
Private, for profit	52.0	22.9	26.8	2.3	1.5	46.5	—	—	—	—	—	—

¹ Students with a standard high school diploma who attended higher education in the same year as their graduation.
 —Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Beginning Postsecondary Student Longitudinal Survey, 1994. (This table was prepared February 1999.)

NOTE.—Data reflect completion and enrollment status by spring 1994 of first-time postsecondary students starting academic year 1989–90. Some cells in this table have relatively large sampling errors.

Table 310.—Scores on Graduate Record Examination (GRE) and subject matter tests: 1965 to 1997

Academic year ending	Number of GRE takers	GRE takers as a percent of bachelor's degrees	Verbal		Quantitative		Analytical		Subject matter tests											
			Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Biology		Chemistry		Education		Engineering		Literature		Psychology	
									Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation	Mean	Standard deviation
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1965	93,792	18.7	530	124	533	137	—	—	617	117	628	114	481	86	618	108	591	95	556	91
1966	123,960	23.8	520	124	528	133	—	—	610	115	618	110	474	87	609	106	588	94	552	91
1967	151,134	27.0	519	125	528	134	—	—	613	114	615	104	476	90	603	104	582	91	553	93
1968	182,432	28.8	520	124	527	135	—	—	614	114	617	104	478	87	601	105	572	91	547	93
1969	206,113	28.3	515	124	524	132	—	—	613	112	613	104	477	88	591	103	569	89	543	89
1970	265,359	33.5	503	123	516	132	—	—	603	111	613	113	462	92	586	110	556	90	532	91
1971	293,600	35.0	497	125	512	134	—	—	603	114	618	117	457	95	587	115	546	91	530	92
1972	293,506	33.1	494	126	508	136	—	—	606	115	624	124	446	93	594	119	544	96	528	92
1973	290,104	31.5	497	125	512	135	—	—	619	110	630	114	459	96	593	114	545	96	529	92
1974	301,070	31.8	492	126	509	137	—	—	624	110	634	115	452	93	591	121	547	99	530	95
1975	298,335	32.3	493	125	508	137	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1976	299,292	32.3	492	127	510	138	—	—	627	112	627	107	454	93	594	119	539	101	531	93
1977	287,715	31.3	490	129	514	139	—	—	625	113	630	109	453	93	592	115	532	101	532	95
1978	286,383	31.1	484	128	518	135	—	—	622	113	624	108	452	91	594	114	530	102	529	97
1979	282,482	30.7	476	130	517	135	—	—	621	117	623	104	451	89	592	115	525	102	530	97
1980	272,281	29.3	474	131	522	136	—	—	619	115	618	105	449	90	590	116	521	105	534	98
1981	262,855	28.1	473	128	523	136	—	—	617	115	615	103	453	90	590	116	520	99	532	97
1982	256,381	26.9	469	130	533	137	498	126	616	114	616	105	456	89	593	115	521	100	532	97
1983	263,674	27.2	473	131	541	138	504	128	623	115	620	105	459	90	599	114	527	98	542	95
1984	265,221	27.2	475	130	541	139	512	129	622	115	619	102	461	90	604	114	530	97	543	96
1985	271,972	27.8	474	126	545	140	516	129	619	114	621	101	459	89	615	120	531	95	541	95
1986	279,428	28.3	475	126	552	140	520	129	612	114	628	106	464	87	616	119	527	96	542	97
1987	293,560	29.6	477	126	550	140	521	128	616	116	629	104	465	86	619	119	526	95	536	95
1988	303,703	30.5	483	123	557	140	528	128	615	114	631	108	467	85	622	120	525	94	537	94
1989	326,096	32.0	484	125	560	142	530	129	612	114	642	117	465	87	626	116	528	91	538	95
1990	344,572	32.8	486	123	562	143	534	128	612	114	662	123	461	84	617	111	523	92	537	95
1991	379,882	34.7	485	122	562	141	536	129	609	113	660	123	457	85	611	111	523	93	535	95
1992	411,528	36.2	483	120	561	140	537	129	605	113	654	128	462	82	610	117	525	92	536	95
1993	400,246	34.4	481	117	557	140	541	129	606	114	662	133	462	80	602	115	516	94	536	97
1994	¹ 399,395	34.3	479	116	553	139	545	129	620	116	627	113	² 493	104	601	115	517	95	538	96
1995	¹ 389,539	33.0	477	115	553	140	544	131	622	116	675	138	² 488	102	596	113	513	96	544	98
1996	¹ 376,013	31.9	473	114	558	139	549	131	614	114	678	135	² 489	104	604	119	512	97	547	99
1997	¹ 376,062	31.9	472	113	562	139	548	129	620	115	684	143	² 487	103	602	114	525	100	554	99

¹Total includes examinees who received no score on one or more General Test measures.

²Data reported for 1994, 1995, 1996, and 1997 are from the revised education test.

—Data not reported or not applicable.

NOTE.—GRE scores for the verbal, quantitative, and analytical sections range from 200 to 800. Subject matter test scores range from 200 to 990.

SOURCE: Graduate Record Examination Board, *Examinee and Score Trends for the GRE General Test*, various years; and *A Summary of Data Collected From Graduate Record Examinations Test-Takers During 1986–87*; unpublished data; and U.S. Department of Education, National Center for for Education Statistics, Higher Education General Information Survey (HEGIS) "Degrees and Other Formal Awards Conferred" surveys, and Integrated Post-secondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared November 1998.)

Table 311.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in institutions of higher education, by type and control of institution: 1964–65 to 1997–98

Year and control of institution	Total tuition, room, and board					Tuition and required fees (in-state)					Dormitory rooms					Board (7-day basis) ¹				
	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year
		All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
All institutions																				
1976–77	\$2,275	\$2,577	\$2,647	\$2,527	\$1,598	\$924	\$1,218	\$1,210	\$1,223	\$346	\$603	\$611	\$649	\$584	\$503	\$748	\$748	\$788	\$719	\$750
1977–78	2,411	2,725	2,777	2,685	1,703	984	1,291	1,269	1,305	378	645	654	691	628	525	781	780	818	752	801
1978–79	2,587	2,917	2,967	2,879	1,828	1,073	1,397	1,370	1,413	411	688	686	737	667	575	826	825	860	800	842
1979–80	2,809	3,167	3,223	3,124	1,979	1,163	1,513	1,484	1,530	451	751	759	803	729	628	895	895	936	865	900
1980–81	3,101	3,499	3,535	3,469	2,230	1,289	1,679	1,634	1,705	526	836	846	881	821	705	976	975	1,020	943	1,000
1981–82	3,489	3,951	4,005	3,908	2,476	1,457	1,907	1,860	1,935	590	950	961	1,023	919	793	1,083	1,082	1,121	1,055	1,094
1982–83	3,877	4,406	4,466	4,356	2,713	1,626	2,139	2,081	2,173	675	1,064	1,078	1,150	1,028	873	1,187	1,189	1,235	1,155	1,165
1983–84	4,167	4,747	4,793	4,712	2,854	1,783	2,344	2,300	2,368	730	1,145	1,162	1,211	1,130	916	1,239	1,242	1,282	1,214	1,208
1984–85	4,563	5,160	5,236	5,107	3,179	1,985	2,567	2,539	2,583	821	1,267	1,282	1,343	1,242	1,058	1,310	1,311	1,353	1,282	1,301
1985–86 ²	4,885	5,504	5,597	5,441	3,367	2,181	2,784	2,770	2,793	888	1,338	1,355	1,424	1,309	1,107	1,365	1,365	1,403	1,339	1,372
1986–87 ³	5,206	5,964	6,124	5,857	3,295	2,312	3,042	3,042	3,042	897	1,405	1,427	1,501	1,376	1,034	1,489	1,495	1,581	1,439	1,364
1987–88	5,494	6,272	6,339	6,226	3,263	2,458	3,201	3,168	3,220	809	1,488	1,516	1,576	1,478	1,017	1,549	1,555	1,596	1,529	1,437
1988–89	5,869	6,725	6,801	6,673	3,573	2,658	3,472	3,422	3,499	979	1,575	1,609	1,665	1,573	1,085	1,636	1,644	1,715	1,601	1,509
1989–90	6,207	7,212	7,347	7,120	3,705	2,839	3,800	3,765	3,819	978	1,638	1,679	1,732	1,638	1,105	1,730	1,737	1,850	1,663	1,622
1990–91	6,562	7,602	7,709	7,528	3,930	3,016	4,009	3,958	4,036	1,087	1,743	1,782	1,848	1,740	1,182	1,802	1,811	1,903	1,751	1,660
1991–92	7,077	8,238	8,390	8,142	4,092	3,286	4,385	4,368	4,394	1,189	1,874	1,921	1,996	1,875	1,210	1,918	1,931	2,026	1,872	1,692
1992–93	7,452	8,758	8,934	8,648	4,207	3,517	4,665	4,625	4,795	1,276	1,939	1,991	2,104	1,926	1,240	1,996	2,015	2,165	1,927	1,692
1993–94	7,931	9,296	9,495	9,186	4,449	3,827	5,119	5,104	5,127	1,399	2,057	2,111	2,190	2,068	1,332	2,047	2,067	2,201	1,992	1,718
1994–95	8,306	9,728	9,863	9,646	4,633	4,044	5,391	5,287	5,441	1,488	2,145	2,200	2,281	2,155	1,396	2,116	2,138	2,295	2,049	1,750
1995–96	8,800	10,330	10,560	10,195	4,725	4,338	5,786	5,733	5,812	1,522	2,264	2,318	2,423	2,260	1,473	2,199	2,226	2,404	2,123	1,730
1996–97	9,206	10,841	11,033	10,726	4,895	4,564	6,118	6,055	6,150	1,543	2,365	2,422	2,518	2,368	1,522	2,276	2,301	2,460	2,208	1,830
1997–98 ⁴	9,536	11,227	11,388	11,129	5,075	4,726	6,329	6,229	6,378	1,582	2,463	2,525	2,613	2,477	1,587	2,347	2,372	2,546	2,274	1,907
Public institutions																				
1964–65	950	—	1,051	867	638	243	—	298	224	99	271	—	291	241	178	436	—	462	402	361
1965–66	983	—	1,105	904	670	257	—	327	241	109	281	—	304	255	194	445	—	474	408	367
1966–67	1,026	—	1,171	947	710	275	—	360	259	121	294	—	321	271	213	457	—	490	417	376
1967–68	1,064	—	1,199	997	789	283	—	366	268	144	313	—	337	292	243	468	—	496	437	402
1968–69	1,117	—	1,245	1,063	883	295	—	377	281	170	337	—	359	318	278	485	—	509	464	435
1969–70	1,203	—	1,362	1,135	951	323	—	427	306	178	369	—	395	346	308	511	—	540	483	465
1970–71	1,287	—	1,477	1,206	998	351	—	478	332	187	401	—	431	375	338	535	—	568	499	473
1971–72	1,357	—	1,579	1,263	1,073	376	—	526	354	192	430	—	463	400	366	551	—	590	509	515
1972–73	1,458	—	1,668	1,460	1,197	407	—	566	455	233	476	—	500	455	398	575	—	602	550	566
1973–74	1,517	—	1,707	1,506	1,274	438	—	581	463	274	480	—	505	464	409	599	—	621	579	591
1974–75	1,563	—	1,760	1,558	1,339	432	—	599	448	277	506	—	527	497	424	625	—	634	613	638
1975–76	1,666	—	1,935	1,657	1,386	433	—	642	469	245	544	—	573	533	442	689	—	720	655	699
1976–77	1,789	1,935	2,067	1,827	1,491	479	617	689	564	283	582	592	614	572	465	728	727	763	692	742
1977–78	1,888	2,038	2,170	1,931	1,590	512	655	736	596	306	621	631	649	616	486	755	752	785	720	797
1978–79	1,994	2,145	2,289	2,027	1,691	543	688	777	622	327	655	664	689	641	527	796	793	823	764	837
1979–80	2,165	2,327	2,487	2,198	1,822	583	738	840	662	355	715	725	750	703	574	867	865	898	833	893
1980–81	2,373	2,550	2,712	2,421	2,027	635	804	915	722	391	799	811	827	796	642	940	936	969	904	994
1981–82	2,663	2,871	3,079	2,705	2,224	714	909	1,042	813	434	909	925	970	885	703	1,039	1,036	1,067	1,006	1,086
1982–83	2,945	3,196	3,403	3,032	2,390	798	1,031	1,164	936	473	1,010	1,030	1,072	993	755	1,136	1,134	1,167	1,103	1,162
1983–84	3,156	3,433	3,628	3,285	2,534	891	1,148	1,284	1,052	528	1,087	1,110	1,131	1,092	801	1,178	1,175	1,213	1,141	1,205
1984–85	3,408	3,682	3,899	3,518	2,807	971	1,228	1,386	1,117	584	1,196	1,217	1,237	1,200	921	1,241	1,237	1,276	1,201	1,302
1985–86 ²	3,571	3,859	4,146	3,637	2,981	1,045	1,318	1,536	1,157	641	1,242	1,263	1,290	1,240	960	1,285	1,278	1,320	1,240	1,380
1986–87 ³	3,805	4,138	4,469	3,891	2,989	1,106	1,414	1,651	1,248	660	1,301	1,323	1,355	1,295	979	1,398	1,401	1,464	1,348	1,349
1987–88	4,050	4,403	4,619	4,250	3,066	1,218	1,537	1,726	1,407	706	1,378	1,410	1,410	1,409	943	1,454	1,456	1,482	1,434	1,417
1988–89	4,274	4,678	4,905	4,526	3,183	1,285	1,646	1,846	1,515	730	1,457	1,496	1,483	1,506	965	1,533	1,536	1,576	1,504	1,488
1989–90	4,504	4,975	5,324	4,723	3,299	1,356	1,780	2,035	1,608	756	1,513	1,557	1,561	1,554	962	1,635	1,638	1,728	1,561	1,581
1990–91	4,757	5,243	5,585	5,004	3,467	1,454	1,888	2,159	1,707	824	1,612	1,657	1,658	1,655	1,050	1,691	1,698	1,767	1,641	1,594
1991–92	5,138	5,693	6,050	5,458	3,623	1,628	2,117	2,460	1,931	936	1,731	1,785	1,789	1,782	1,074	1,780	1,792	1,852	1,745	1,612
1992–93	5,379	6,020	6,442	5,740	3,799	1,782	2,349	2,604	2,192	1,025	1,756	1,816	1,856	1,787	1,106	1,841	1,854	1,982	1,761	1,668
1993–94	5,694	6,365	6,710	6,146	3,996	1,942	2,537	2,820	2,360	1,125	1,873	1,934	1,897	1,958	1,190	1,880	1,895			

Table 311.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in institutions of higher education, by type and control of institution: 1964–65 to 1997–98—Continued

Year and control of institution	Total tuition, room, and board					Tuition and required fees (in-state)					Dormitory rooms					Board (7-day basis) ¹				
	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year	All institutions	4-year institutions			2-year
		All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year			All 4-year	Universities	Other 4-year	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1997–98 ⁴	6,788	7,628	8,148	7,290	4,601	2,365	3,110	3,489	2,876	1,318	2,243	2,314	2,280	2,338	1,419	2,180	2,204	2,380	2,076	1,864
Private institutions																				
1964–65	1,907	—	2,202	1,810	1,455	1,088	—	1,297	1,023	702	331	—	390	308	289	488	—	515	479	464
1965–66	2,005	—	2,316	1,899	1,557	1,154	—	1,369	1,086	768	356	—	418	330	316	495	—	529	483	473
1966–67	2,124	—	2,456	2,007	1,679	1,233	—	1,456	1,162	845	385	—	452	355	347	506	—	548	490	487
1967–68	2,205	—	2,545	2,104	1,762	1,297	—	1,534	1,237	892	392	—	455	366	366	516	—	556	501	504
1968–69	2,321	—	2,673	2,237	1,876	1,383	—	1,638	1,335	956	404	—	463	382	391	534	—	572	520	529
1969–70	2,530	—	2,920	2,420	1,993	1,533	—	1,809	1,468	1,034	436	—	503	409	413	561	—	608	543	546
1970–71	2,738	—	3,163	2,599	2,103	1,684	—	1,980	1,603	1,109	468	—	542	434	434	586	—	641	562	560
1971–72	2,917	—	3,375	2,748	2,186	1,820	—	2,133	1,721	1,172	494	—	576	454	449	603	—	666	573	565
1972–73	3,038	—	3,512	2,934	2,273	1,898	—	2,226	1,846	1,221	524	—	622	490	457	616	—	664	598	595
1973–74	3,164	—	3,717	3,040	2,410	1,989	—	2,375	1,925	1,303	533	—	622	502	483	642	—	720	613	624
1974–75	3,403	—	4,076	3,156	2,591	2,117	—	2,614	1,954	1,367	586	—	691	536	564	700	—	771	666	660
1975–76	3,663	—	4,467	3,385	2,711	2,272	—	2,881	2,084	1,427	636	—	753	583	572	755	—	833	718	712
1976–77	3,906	3,977	4,715	3,714	2,971	2,467	2,534	3,051	2,351	1,592	649	651	783	604	607	790	791	882	759	772
1977–78	4,158	4,240	5,033	3,967	3,148	2,624	2,700	3,240	2,520	1,706	698	702	850	648	631	836	838	943	800	811
1978–79	4,514	4,609	5,403	4,327	3,389	2,867	2,958	3,487	2,771	1,831	758	761	916	704	700	889	890	1,000	851	858
1979–80	4,912	5,013	5,891	4,700	3,751	3,130	3,225	3,811	3,020	2,062	827	831	1,001	768	766	955	957	1,078	912	923
1980–81	5,470	5,594	6,569	5,249	4,303	3,498	3,617	4,275	3,390	2,413	918	921	1,086	859	871	1,054	1,056	1,209	1,000	1,019
1981–82	6,166	6,330	7,443	5,947	4,746	3,953	4,113	4,887	3,853	2,605	1,038	1,039	1,229	970	1,022	1,175	1,178	1,327	1,124	1,119
1982–83	6,920	7,126	8,536	6,646	5,364	4,439	4,639	5,583	4,329	3,008	1,181	1,181	1,453	1,083	1,177	1,300	1,306	1,501	1,234	1,179
1983–84	7,508	7,759	9,308	7,244	5,571	4,851	5,093	6,217	4,726	3,099	1,278	1,279	1,531	1,191	1,253	1,380	1,387	1,559	1,327	1,219
1984–85	8,202	8,451	10,243	7,849	6,203	5,315	5,556	6,843	5,135	3,485	1,426	1,426	1,753	1,309	1,424	1,462	1,469	1,647	1,405	1,294
1985–86 ²	8,885	9,228	11,034	8,551	6,512	5,789	6,121	7,374	5,641	3,672	1,553	1,557	1,940	1,420	1,500	1,542	1,551	1,720	1,490	1,340
1986–87 ³	9,676	10,039	12,278	9,276	6,384	6,316	6,658	8,118	6,171	3,684	1,658	1,673	2,097	1,518	1,266	1,702	1,708	2,063	1,587	1,434
1987–88	10,512	10,659	13,075	9,854	7,078	6,988	7,116	8,771	6,574	4,161	1,748	1,760	2,244	1,593	1,380	1,775	1,783	2,060	1,687	1,537
1988–89	11,189	11,474	14,073	10,620	7,967	7,461	7,722	9,451	7,172	4,817	1,849	1,863	2,353	1,686	1,540	1,880	1,889	2,269	1,762	1,609
1989–90	12,018	12,284	15,098	11,374	8,670	8,147	8,396	10,348	7,778	5,196	1,923	1,935	2,411	1,774	1,663	1,948	1,953	2,339	1,823	1,811
1990–91	12,910	13,237	16,503	12,220	9,302	8,772	9,083	11,379	8,389	5,570	2,063	2,077	2,654	1,889	1,744	2,074	2,077	2,470	1,943	1,989
1991–92	13,892	14,258	17,572	13,201	9,632	9,419	9,759	12,037	9,060	5,754	2,221	2,241	2,825	2,042	1,788	2,252	2,257	2,709	2,098	2,090
1992–93	14,634	15,009	18,898	13,882	9,903	9,942	10,294	13,055	9,533	6,059	2,348	2,362	3,018	2,151	1,970	2,344	2,354	2,825	2,197	1,875
1993–94	15,496	15,904	20,097	14,640	10,406	10,572	10,952	13,874	10,100	6,370	2,490	2,506	3,277	2,261	2,067	2,434	2,445	2,946	2,278	1,970
1994–95	16,207	16,602	21,041	15,363	11,170	11,111	11,481	14,537	10,653	6,914	2,587	2,601	3,469	2,347	2,233	2,509	2,520	3,035	2,362	2,023
1995–96	17,208	17,612	22,502	16,198	11,563	11,864	12,243	15,605	11,297	7,094	2,738	2,751	3,680	2,473	2,371	2,606	2,617	3,218	2,429	2,098
1996–97	18,039	18,442	23,520	16,994	11,954	12,498	12,881	16,552	11,871	7,236	2,878	2,889	3,826	2,602	2,537	2,663	2,672	3,142	2,520	2,181
1997–98 ⁴	18,745	19,143	24,423	17,712	12,481	13,013	13,392	17,197	12,388	7,536	2,990	3,002	4,001	2,717	2,624	2,742	2,750	3,224	2,608	2,321

¹ Data for 1986–87 and later years reflect 20 meals per week rather than meals 7 days per week.

² Room and board data are estimated.

³ Because of revisions in data collection procedures, figures are not entirely comparable with those for previous years. In particular, data on board rates are somewhat higher than earlier years because they reflect a basis of 20 meals per week rather than meals served 7 days per week. Since many institutions serve fewer than 3 meals each day, the 1986–87 and later data reflect a more accurate accounting of total board costs. Because of their low response rate, data for private 2-year colleges must be interpreted with caution.

⁴ Preliminary data based on fall 1996 enrollment weights.

—Data not available.

NOTE.—Data are for the entire academic year and are average charges paid by students. Tuition and fees were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. Room and board were based on full-time students. The data have not been adjusted for changes in the purchasing power of the dollar over time. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Institutional Characteristics of Colleges and Universities" and "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared November 1998.)

Table 312.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in institutions of higher education, by control of institution and by state: 1996–97 and 1997–98

State or other area	Public 4-year, 1996–97		Public 4-year, 1997–98 ¹				Private 4-year, 1996–97		Private 4-year, 1997–98 ¹				Public 2-year, tuition only (in-state)	
	Total	Tuition (in-state)	Total	Tuition (in-state)	Room	Board	Total	Tuition	Total	Tuition	Room	Board	1996–97	1997–98 ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
United States	\$7,334	\$2,987	\$7,628	\$3,110	\$2,314	\$2,204	\$18,442	\$12,881	\$19,143	\$13,392	\$3,002	\$2,750	\$1,276	\$1,318
Alabama	6,002	2,362	6,354	2,487	1,888	1,979	12,164	8,002	12,724	8,350	1,958	2,416	1,359	1,343
Alaska	6,892	2,550	7,131	2,609	2,585	1,937	12,707	8,131	13,214	8,377	2,008	2,828	1,850	1,900
Arizona	6,314	2,009	6,669	2,058	2,403	2,208	12,330	7,886	11,388	6,992	2,042	2,354	783	820
Arkansas	5,402	2,258	5,890	2,451	1,879	1,560	10,784	7,037	11,506	7,581	1,630	2,296	937	942
California	8,304	2,720	8,491	2,709	3,164	2,619	20,760	14,429	19,745	13,469	3,258	3,018	371	379
Colorado	7,321	2,561	7,552	2,622	2,249	2,680	18,137	12,003	18,882	12,661	2,900	3,321	1,395	1,449
Connecticut	9,256	4,111	9,652	4,273	2,855	2,524	23,916	17,458	25,083	18,345	3,814	2,924	1,722	1,814
Delaware	8,886	4,170	9,165	4,318	2,589	2,257	12,602	7,444	13,354	7,829	2,950	2,575	1,330	1,380
District of Columbia	—	1,502	—	1,910	—	—	22,599	15,586	23,807	16,496	4,361	2,949	—	—
Florida	6,559	1,789	6,890	1,909	2,621	2,360	16,029	11,112	17,057	11,687	2,792	2,577	1,151	1,252
Georgia	6,508	2,241	6,924	2,356	2,298	2,270	16,409	10,942	17,133	11,374	3,233	2,527	1,093	1,153
Hawaii	—	2,294	—	2,790	—	—	14,151	6,541	14,448	6,748	3,000	4,700	789	956
Idaho	5,681	1,979	6,074	2,201	1,615	2,258	15,722	12,210	15,167	11,661	1,312	2,195	1,043	1,102
Illinois	8,193	3,522	8,537	3,701	2,237	2,600	17,606	12,376	18,580	13,105	2,963	2,513	1,290	1,347
Indiana	8,110	3,198	8,494	3,344	2,112	3,037	17,670	13,234	18,625	13,986	2,186	2,452	2,331	2,415
Iowa	6,174	2,655	6,426	2,761	1,865	1,800	16,562	12,403	17,472	13,094	2,010	2,368	1,845	1,885
Kansas	5,895	2,219	6,098	2,311	1,833	1,953	12,995	9,129	13,737	9,688	1,685	2,364	1,248	1,285
Kentucky	5,460	2,241	5,662	2,328	1,473	1,861	12,085	8,138	12,885	8,570	1,941	2,374	1,215	1,232
Louisiana	5,637	2,233	5,710	2,269	1,573	1,868	18,407	12,885	18,928	13,212	2,922	2,794	1,047	1,080
Maine	8,262	3,648	8,576	3,880	2,319	2,378	22,619	16,956	24,505	18,645	2,764	3,096	2,545	2,594
Maryland	9,179	3,849	9,717	4,135	2,976	2,606	21,967	15,332	23,079	16,209	3,755	3,116	2,102	2,171
Massachusetts	9,045	4,272	8,894	3,981	2,564	2,350	24,339	17,188	25,620	18,149	4,095	3,376	2,341	2,221
Michigan	8,645	3,988	8,947	4,131	2,190	2,625	13,930	9,580	14,459	10,018	2,210	2,230	1,576	1,618
Minnesota	7,148	3,546	7,617	3,776	2,193	1,649	17,980	13,623	18,559	14,046	2,220	2,293	2,187	2,245
Mississippi	5,532	2,499	5,534	2,568	1,526	1,440	10,482	7,210	11,226	7,725	1,773	1,729	954	958
Missouri	7,204	3,245	7,520	3,394	2,303	1,824	14,763	9,990	15,504	10,475	2,430	2,598	1,281	1,311
Montana	6,511	2,490	6,855	2,607	1,987	2,260	11,701	7,858	12,476	8,469	1,716	2,291	1,610	1,713
Nebraska	5,722	2,269	6,100	2,414	1,563	2,123	13,748	9,797	14,456	10,308	1,989	2,159	1,227	1,267
Nevada	7,707	1,815	7,295	1,884	3,231	2,179	—	7,731	12,707	7,391	3,000	2,316	1,010	1,106
New Hampshire	9,123	4,641	9,846	5,193	2,821	1,831	21,436	15,839	21,129	15,729	3,160	2,240	2,858	3,177
New Jersey	9,661	4,269	10,235	4,562	3,374	2,299	20,984	14,371	21,825	15,125	3,521	3,180	1,949	2,033
New Mexico	5,428	2,014	5,459	2,068	1,659	1,732	14,823	9,944	14,490	9,408	2,460	2,622	659	679
New York	9,294	3,802	9,460	3,844	3,124	2,492	21,528	14,544	22,569	15,246	4,058	3,265	2,519	2,576
North Carolina	5,440	1,841	5,919	1,895	1,926	2,098	16,311	11,651	17,177	12,342	2,337	2,499	581	584
North Dakota	5,924	2,381	6,264	2,545	1,130	2,590	10,437	7,434	10,794	7,705	1,356	1,732	1,783	1,798
Ohio	8,490	3,841	9,022	4,009	2,668	2,345	17,905	12,980	18,681	13,559	2,541	2,581	2,335	2,388
Oklahoma	5,076	1,937	5,301	2,054	1,330	1,917	11,563	7,622	12,960	8,881	1,924	2,155	1,268	1,285
Oregon	7,988	3,408	8,394	3,496	1,963	2,935	19,869	14,769	21,096	15,796	2,473	2,827	1,526	1,573
Pennsylvania	9,501	4,994	9,769	5,188	2,419	2,162	20,887	14,927	21,684	15,569	3,213	2,901	2,013	2,098
Rhode Island	9,648	3,903	9,962	4,013	3,100	2,848	22,490	15,675	23,209	16,263	3,881	3,066	1,736	1,746
South Carolina	7,238	3,205	7,160	3,414	2,153	1,594	14,125	10,207	14,847	10,755	1,994	2,098	1,114	1,162
South Dakota	5,814	2,722	5,993	2,900	1,335	1,758	13,756	9,617	14,538	9,950	1,766	2,822	3,430	3,930
Tennessee	5,498	2,052	5,788	2,296	1,807	1,685	14,970	10,450	15,684	11,047	2,380	2,257	1,047	1,133
Texas	5,911	2,028	6,313	2,273	2,093	1,946	13,684	9,373	14,554	9,970	2,230	2,355	791	820
Utah	5,559	2,011	5,953	2,113	1,524	2,316	7,697	3,094	7,787	3,183	1,436	3,167	1,390	1,439
Vermont	11,360	6,533	11,469	6,492	3,259	1,718	22,855	16,474	23,917	17,158	3,774	2,985	2,516	2,616
Virginia	8,450	3,968	8,627	4,045	2,390	2,192	15,775	11,165	16,612	11,809	2,288	2,515	1,466	1,475
Washington	7,320	2,933	7,704	3,036	2,379	2,289	18,461	13,656	19,198	14,072	2,645	2,482	1,447	1,516
West Virginia	6,348	2,091	6,558	2,168	2,134	2,256	15,184	10,774	15,673	11,166	1,941	2,567	1,373	1,404
Wisconsin	6,075	2,748	6,409	2,958	1,861	1,590	16,864	12,478	17,430	12,948	2,021	2,462	1,947	2,061
Wyoming	6,016	2,144	6,450	2,326	1,724	2,400	—	—	—	—	—	—	1,048	1,157

¹ Preliminary data based on fall 1996 enrollments.

—Data not reported or not applicable.

are not adjusted to reflect student residency. Room and board are based on full-time students. Because of rounding, details may not add to totals.

NOTE.—Data are for the entire academic year and are average charges. Tuition and fees were weighted by the number of full-time-equivalent undergraduates in 1996, but

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Institutional Characteristics" surveys. (This table was prepared November 1998.)

Table 313.—Average graduate and first-professional tuition and required fees in institutions of higher education: 1987–88 to 1997–98

Year	Average full-time graduate tuition	Average full-time first-professional tuition									
		Chiro-practic	Dentistry	Medicine	Optometry	Osteo-pathic medicine	Pharmacy	Podiatry	Veterinary medicine	Law	Theology
1	2	3	4	5	6	7	8	9	10	11	12
All institutions											
1987–88	\$3,599	\$6,996	\$9,399	\$9,034	\$7,926	\$10,674	\$5,201	\$12,736	\$4,503	\$6,636	\$3,572
1988–89	3,728	7,972	9,324	9,439	8,503	11,462	4,952	13,232	4,856	7,099	3,911
1989–90	4,135	8,315	10,515	10,597	9,469	11,888	5,890	14,611	5,470	8,059	4,079
1990–91	4,488	9,108	10,270	10,571	9,512	12,830	5,889	15,143	5,396	8,708	4,569
1991–92	5,116	10,226	12,049	11,646	9,610	13,004	6,731	16,257	6,367	9,469	4,876
1992–93	5,475	11,117	12,710	12,265	10,858	14,297	6,635	17,426	6,771	10,463	5,331
1993–94	5,973	11,503	14,403	13,074	10,385	15,038	7,960	17,621	7,159	11,552	5,253
1994–95	6,247	12,324	15,164	13,834	11,053	15,913	8,315	18,138	7,741	12,374	5,648
1995–96	6,741	12,507	15,647	14,860	11,544	16,785	8,602	18,434	8,208	13,278	5,991
1996–97 ¹	7,111	12,740	16,400	15,722	12,247	17,782	9,320	19,042	8,662	14,162	6,444
1997–98 ²	7,243	13,234	17,428	16,402	12,986	18,625	9,792	19,379	9,066	15,022	6,752
Public ³											
1987–88	1,827	—	4,614	5,245	2,789	5,125	2,462	—	3,523	2,810	—
1988–89	1,913	—	5,286	5,669	3,455	6,269	2,218	—	3,889	2,766	—
1989–90	1,999	—	5,728	6,259	3,569	6,521	2,816	—	4,505	3,196	—
1990–91	2,206	—	5,927	6,437	3,821	7,188	2,697	—	4,840	3,430	—
1991–92	2,524	—	6,595	7,106	4,161	7,699	2,871	—	5,231	3,933	—
1992–93	2,791	—	7,006	7,867	5,106	8,404	2,987	—	5,553	4,261	—
1993–94	3,050	—	7,525	8,329	5,325	8,640	3,567	—	6,107	4,835	—
1994–95	3,250	—	8,125	8,812	5,643	8,954	3,793	—	6,571	5,307	—
1995–96	3,449	—	8,806	9,585	6,130	9,448	4,100	—	6,907	5,821	—
1996–97 ¹	3,607	—	9,451	10,203	6,590	9,893	4,703	—	7,320	6,556	—
1997–98 ²	3,754	—	9,821	10,653	7,316	10,358	5,032	—	7,682	7,035	—
Private											
1987–88	6,769	6,996	16,201	14,945	11,635	13,311	8,834	12,736	12,544	9,048	3,572
1988–89	6,945	7,972	16,127	15,610	12,050	13,536	9,692	13,232	13,285	9,892	3,911
1989–90	7,881	8,315	16,800	16,826	13,640	14,117	10,656	14,611	14,184	10,901	4,079
1990–91	8,507	9,108	18,270	17,899	13,767	15,009	11,546	15,143	14,159	12,247	4,569
1991–92	9,592	10,226	20,318	19,225	14,366	16,098	12,937	16,257	15,816	12,946	4,876
1992–93	10,008	11,117	21,309	19,585	14,459	17,098	13,373	17,426	17,103	13,975	5,331
1993–94	10,790	11,503	23,824	20,769	14,156	17,720	14,838	17,621	17,433	15,193	5,253
1994–95	11,338	12,324	24,641	21,819	14,497	18,422	14,894	18,138	17,940	16,201	5,648
1995–96	12,083	12,507	25,678	23,001	15,235	19,619	15,618	18,434	19,380	17,251	5,991
1996–97 ¹	12,537	12,740	26,590	24,240	16,102	20,829	16,514	19,042	20,188	18,194	6,444
1997–98 ²	12,879	13,234	29,667	25,379	16,851	21,818	17,212	19,379	20,948	19,256	6,752

¹ Preliminary first-professional figures based on 1995–96 graduates.² Preliminary graduate figures based on fall 1996 data and first-professional figures based on 1995–96 graduates.³ Data are based on in-state tuition only.

—Data not available or not applicable.

NOTE.—Average graduate student tuition weighted by fall full-time-equivalent graduate enrollment. Average first-professional tuition weighted by number of degrees conferred during the academic year. Some year-to-year fluctuations in tuition data may reflect non-

reporting by individual institutions. Excludes institutions not reporting degrees conferred and institutions not reporting tuition. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics," "Fall Enrollment," and "Degrees Conferred" surveys. (This table was prepared November 1998.)

Table 314.—Percent of undergraduates receiving financial aid, by type and source of aid and selected student characteristics: 1995–96

Selected student characteristics	Enrollment of undergraduates, ¹ in thousands	Any aid			Grants			Loans			Work study	Other		
		Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total ³	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Percent of all undergraduates receiving aid														
All undergraduates	16,677	49.7	36.6	32.0	39.0	21.9	27.6	25.6	25.3	1.1	5.0	7.4	2.4	4.8
Sex														
Men	7,197	46.7	33.1	31.4	35.8	18.2	26.4	24.4	23.9	1.3	4.3	8.7	2.7	5.8
Women	9,481	51.9	39.2	32.5	41.4	24.8	28.5	26.5	26.2	0.9	5.6	6.5	2.2	4.2
Race/ethnicity														
White, non-Hispanic	11,681	47.1	33.2	31.1	35.4	16.6	26.9	25.6	25.2	1.0	4.6	7.5	2.5	4.8
Black, non-Hispanic	2,030	62.9	50.0	38.3	52.8	38.1	31.7	30.9	30.4	1.3	6.1	9.8	2.6	7.0
Hispanic	1,723	54.2	44.6	30.6	47.3	36.1	27.2	22.3	22.0	0.9	5.8	5.2	1.5	3.6
Asian American/ Pacific Islander	967	42.9	33.1	30.8	35.7	22.9	27.5	21.3	20.7	1.3	6.6	5.7	2.2	3.5
American Indian/ Alaskan Native	163	59.4	47.8	37.1	48.4	37.3	27.3	25.2	25.2	0.2	3.9	12.0	1.5	7.7
Age														
23 years old or younger	9,116	53.5	42.1	34.0	41.7	22.7	30.9	31.1	30.7	1.2	7.7	7.7	4.4	3.4
24 to 29 years old	3,049	49.0	37.8	29.2	38.5	25.5	23.3	25.8	25.5	1.0	2.5	7.1	0.0	6.9
30 years old or over	4,513	42.5	24.8	29.9	33.9	18.0	23.8	14.5	14.1	0.8	1.4	7.1	0.0	6.4
Marital status														
Married	3,494	45.2	27.6	30.5	35.4	18.7	24.2	16.8	16.5	0.7	1.4	7.3	0.0	6.8
Not married ⁴	12,861	50.4	38.4	32.2	39.4	22.0	28.5	27.9	27.5	1.2	6.1	7.3	3.1	4.1
Separated	322	70.9	61.6	38.7	62.0	54.3	29.1	30.0	30.0	0.8	3.3	13.4	0.1	12.5
Attendance status														
Full-time, full-year	6,306	68.4	55.6	45.7	54.1	30.6	41.0	43.7	43.2	1.7	11.0	10.9	5.0	5.9
Part-time and part-year	10,372	38.3	24.8	24.0	29.9	16.6	19.7	14.4	14.1	0.7	1.4	5.4	0.8	4.3
Dependency status														
Dependent	8,201	50.9	39.2	33.4	38.8	18.9	30.7	30.5	30.1	1.3	7.8	7.7	4.9	3.0
Less than \$20,000	1,543	70.2	62.9	43.0	66.3	57.0	40.4	35.4	35.2	1.1	10.9	6.5	3.0	3.6
\$20,000–\$39,999	1,873	60.3	49.2	40.5	51.0	31.7	38.1	38.2	37.4	2.0	10.4	7.5	4.4	3.2
\$40,000–\$59,999	1,865	47.4	34.6	31.8	30.4	3.7	29.2	32.4	32.2	1.1	7.8	9.0	6.3	2.9
\$60,000–\$79,999	1,366	42.5	28.4	28.1	25.3	0.5	25.3	27.0	26.6	1.1	5.8	8.1	5.6	2.6
\$80,000–\$99,999	681	37.6	24.4	24.4	50.4	0.2	20.3	23.3	23.1	0.6	4.9	9.0	6.0	3.2
\$100,000 or more	873	27.5	13.9	19.7	17.3	0.3	17.1	12.6	12.2	1.0	2.7	6.0	4.1	1.9
Independent	8,476	48.5	34.1	30.7	39.2	24.8	24.6	20.9	20.5	0.9	2.3	7.1	0.0	6.7
Less than \$9,999	2,470	67.4	59.0	37.5	60.5	52.3	30.8	34.0	33.7	1.1	5.7	8.4	0.0	8.2
\$10,000–\$19,999	1,923	50.6	38.6	29.8	38.4	24.4	23.2	23.7	23.1	1.3	1.6	7.7	0.0	7.2
\$20,000–\$29,999	1,382	41.9	26.0	28.3	34.0	18.3	22.9	15.7	15.4	0.9	0.9	6.3	0.0	5.9
\$30,000–\$49,999	1,502	36.3	16.4	27.3	24.7	6.0	21.0	12.3	12.1	0.4	0.6	6.9	0.0	6.2
\$50,000 or more	1,201	29.3	7.0	25.1	20.7	0.1	20.7	5.9	5.8	0.2	0.1	4.9	0.0	4.3
Housing status														
School-owned	2,292	73.6	60.0	54.6	59.5	26.6	51.6	53.1	52.5	2.4	18.9	13.7	9.3	4.7
Off-campus, not with parents	10,188	46.1	32.5	29.0	35.5	20.6	23.8	22.2	21.8	0.9	2.8	7.0	1.1	5.5
With parents	4,197	45.3	33.7	26.9	36.4	22.6	23.8	19.0	18.7	0.7	2.9	5.1	1.6	3.3

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.

² Includes students who reported they were awarded aid, but did not specify the source or type of aid.

³ Details on federal and nonfederal work study participants are not available.

⁴ Includes students who were single, divorced, or widowed.

—Data not applicable.

NOTE.—Because of rounding and/or the fact that some students receive aid from multiple sources, row details may not add to totals. Because of rounding and survey item nonresponse, enrollment data may not add to totals. Data include undergraduates in noncollegiate and collegiate institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study, 1995–96*. (This table was prepared September 1997.)

Table 315.—Average amount of financial aid awarded in 1995–96 per student, by type and source of aid and selected student characteristics

Selected student characteristics	Enrollment of undergraduates, ¹ in thousands	Any aid			Grants			Loans			Work study	Other		
		Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total ³	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Average 1995–96 award for full-time, full-year undergraduates enrolled in fall 1995 (Award averages are computed for students participating in the designated program.)														
All full-time, full-year undergraduates	6,306	\$6,832	\$5,362	\$3,883	\$3,864	\$2,001	\$3,599	\$4,345	\$4,288	\$2,747	\$1,371	\$4,904	\$6,334	\$3,463
Sex														
Men	2,843	6,847	5,553	3,952	3,759	1,961	3,532	4,396	4,339	2,729	1,350	4,983	6,261	3,788
Women	3,462	6,821	5,225	3,831	3,939	2,027	3,648	4,308	4,251	2,762	1,384	4,818	6,400	3,053
Race/ethnicity														
White, non-Hispanic	4,500	6,836	5,549	3,848	3,762	1,894	3,541	4,437	4,366	2,912	1,367	5,070	6,426	3,550
Black, non-Hispanic	674	6,945	5,262	3,739	3,904	2,122	3,533	4,070	4,046	2,197	1,370	4,147	5,717	3,000
Hispanic	588	5,999	4,644	3,328	3,486	2,113	3,017	4,168	4,137	2,235	1,152	4,527	6,047	3,475
Asian American/ Pacific Islander	423	8,099	5,106	5,200	5,477	2,164	5,028	4,073	4,053	2,414	1,618	5,364	6,625	4,050
American Indian/ Alaskan Native	59	6,591	5,046	3,792	3,961	2,301	3,658	4,278	4,244	—	—	—	—	—
Age														
23 years old or younger	4,989	6,903	5,172	4,154	4,172	1,997	3,924	4,003	3,927	3,036	1,346	5,362	6,334	3,543
24 to 29 years old	686	6,909	6,165	2,814	2,829	1,992	2,087	5,471	5,471	1,668	1,569	3,652	—	3,364
30 years old or over	631	6,255	5,628	2,941	2,887	2,033	2,247	5,391	5,389	1,611	1,516	3,633	—	3,380
Marital status														
Married	600	6,143	5,587	2,926	2,744	1,914	2,225	5,296	5,284	2,826	1,576	3,729	—	3,318
Not married ⁴	5,626	6,944	5,342	4,008	4,022	2,013	3,748	4,230	4,168	2,749	1,360	5,116	6,334	3,540
Separated	80	5,378	4,877	2,473	2,650	2,061	1,850	4,532	4,519	—	—	2,675	—	2,703
Dependency status														
Dependent	4,659	6,938	5,137	4,253	4,279	1,969	4,027	3,900	3,820	3,015	1,348	5,475	6,334	3,590
Less than \$20,000	808	7,198	4,921	4,063	4,682	2,329	3,896	3,778	3,737	1,844	1,317	3,616	4,534	2,858
\$20,000–\$39,999	1,042	7,258	4,930	4,388	4,296	1,619	4,208	3,975	3,924	2,441	1,360	4,212	5,207	2,608
\$40,000–\$59,999	1,043	6,913	5,090	4,436	4,176	1,147	4,180	3,908	3,819	3,044	1,387	5,277	5,643	3,807
\$60,000–\$79,999	798	6,455	5,338	4,236	3,992	1,370	3,972	3,904	3,815	3,340	1,278	6,337	6,779	4,766
\$80,000–\$99,999	399	6,758	6,008	4,207	3,839	—	3,843	3,793	3,731	—	1,288	7,756	7,936	6,671
\$100,000 or more	568	6,051	6,319	3,816	3,481	—	3,465	4,082	3,707	6,051	1,523	7,990	9,705	3,668
Independent	1,647	6,587	5,822	2,872	2,939	2,043	2,234	5,368	5,362	1,936	1,474	3,606	—	3,355
Less than \$9,999	754	7,051	5,920	2,800	3,151	2,111	2,256	5,251	5,263	1,573	1,473	3,448	—	3,248
\$10,000–\$19,999	377	6,310	5,695	2,653	2,756	2,115	2,060	5,526	5,516	1,678	1,708	3,174	—	3,061
\$20,000–\$29,999	213	6,065	5,789	2,812	2,386	1,805	1,790	5,245	5,254	—	—	4,544	—	4,254
\$30,000–\$49,999	187	6,420	5,857	3,770	2,687	1,147	2,951	5,949	5,856	—	—	4,247	—	3,797
\$50,000 or more	117	4,597	5,095	3,186	2,647	—	2,647	4,984	4,933	—	—	3,087	—	2,387
Housing status														
School-owned	1,802	8,907	5,931	5,370	5,409	2,118	5,039	3,996	3,887	3,235	1,408	5,929	6,728	3,772
Off-campus, not with parents	2,731	6,466	5,630	3,178	3,192	1,975	2,777	4,889	4,861	2,458	1,390	4,294	6,035	3,412
With parents	1,772	4,629	3,980	2,613	2,856	1,935	2,405	3,693	3,672	2,105	1,163	4,014	5,166	3,197
Average 1995–96 award for other undergraduates enrolled in fall 1995 (Award averages are computed for students participating in the designated program.)														
All other undergraduates ..	10,372	\$2,859	\$3,276	\$1,327	\$1,452	\$1,296	\$1,119	\$3,583	\$3,588	\$1,411	\$1,524	\$2,187	\$4,327	\$1,726
Sex														
Men	4,353	2,999	3,570	1,525	1,442	1,274	1,195	3,625	3,647	1,285	1,564	2,521	4,009	2,136
Women	6,019	2,772	3,115	1,188	1,458	1,306	1,069	3,556	3,551	1,592	1,502	1,875	4,674	1,355
Race/ethnicity														
White, non-Hispanic	7,181	2,869	3,436	1,347	1,378	1,238	1,132	3,620	3,629	1,362	1,537	2,175	4,488	1,695
Black, non-Hispanic	1,356	2,889	3,166	1,320	1,524	1,315	1,119	3,491	3,500	1,259	1,570	2,081	3,879	1,817
Hispanic	1,135	2,526	2,740	985	1,431	1,352	829	3,434	3,437	1,646	1,372	2,040	3,325	1,735
Asian American/ Pacific Islander	544	3,563	3,592	1,817	2,038	1,526	1,549	3,842	3,777	—	1,612	3,356	5,212	2,150
American Indian/ Alaskan Native	105	2,552	2,459	1,296	1,772	1,553	1,166	2,938	2,938	—	—	—	—	—
Age														
23 years old or younger	4,127	3,159	3,118	1,556	1,683	1,316	1,403	3,097	3,069	1,973	1,442	2,828	4,336	1,742
24 to 29 years old	2,363	3,062	3,612	1,265	1,308	1,254	944	4,053	4,067	1,071	1,564	2,098	—	1,985
30 years old or over	3,882	2,395	3,233	1,181	1,308	1,302	977	4,023	4,097	1,086	1,763	1,669	—	1,562
Marital status														
Married	2,894	2,365	3,201	1,208	1,259	1,245	987	3,979	3,984	1,155	1,994	1,721	—	1,650
Not married ⁴	7,236	3,047	3,318	1,381	1,530	1,312	1,199	3,483	3,490	1,501	1,498	2,406	4,336	1,695
Separated	242	3,123	3,021	1,430	1,515	1,301	768	3,517	3,481	—	—	2,411	—	2,514
Dependency status														
Dependent	3,542	3,278	3,241	1,675	1,766	1,320	1,555	2,978	2,941	2,029	1,415	3,053	4,336	1,595
Less than \$20,000	736	3,260	2,892	1,567	1,967	1,480	1,504	2,879	2,847	—	1,451	2,250	3,059	1,322
\$20,000–\$39,999	820	3,163	3,149	1,478	1,510	1,042	1,367	2,923	2,934	—	1,296	2,807	3,766	1,659
\$40,000–\$59,999	822	3,347	3,467	1,788	1,658	608	1,692	2,886	2,843	—	1,407	3,333	4,447	1,571
\$60,000–\$79,999	568	3,590	3,962	2,110	1,797	—	1,775	3,363	3,251	—	1,533	3,634	5,190	—
\$80,000–\$99,999	283	3,012	3,787	1,697	1,865	—	1,865	3,139	3,118	—	—	2,602	—	—
\$100,000 or more	305	3,315	4,881	1,849	1,674	—	1,674	3,244	3,053	—	—	4,390	—	—
Independent	6,829	2,686	3,294	1,208	1,337	1,287	958	3,962	3,996	1,093	1,648	1,841	—	1,752
Less than \$9,999	1,716	3,239	3,251	1,229	1,590	1,362	950	3,812	3,821	1,110	1,579	1,916	—	1,861
\$10,000–\$19,999	1,546	2,870	3,325	1,200	1,326	1,366	836	3,970	4,059	883	1,735	1,941	—	1,936
\$20,000–\$29,999	1,169	2,357	3,144	1,101	1,042	1,008	802	4,151	4,209	823	—	2,106	—	1,969
\$30,000–\$49,999	1,315	2,091	3,496	1,224	1,020	737	1,007	4,162	4,139	—	—	1,740	—	1,511

Table 315.—Average amount of financial aid awarded in 1995–96 per student, by type and source of aid and selected student characteristics—Continued

Selected student characteristics	Enrollment of undergraduates, ¹ in thousands	Any aid			Grants			Loans			Work study	Other		
		Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total ³	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
\$50,000 or more	1,083	1,705	3,814	1,273	1,263	—	1,262	4,350	4,392	—	—	1,250	—	1,135
Housing status														
School-owned	490	2,782	3,362	1,267	1,371	1,273	1,045	3,815	3,828	1,461	1,669	1,960	4,356	1,696
Off-campus, not with parents	7,456	4,827	4,218	2,513	2,481	1,460	2,305	3,303	3,284	1,583	1,208	4,071	4,961	2,474
With parents	2,425	2,497	2,713	1,160	1,406	1,316	960	2,994	2,991	1,163	1,467	2,373	3,690	1,722

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.
² Includes students who reported they were awarded aid, but did not specify the source or type of aid.
³ Details on federal and nonfederal work study participants are not available.
⁴ Includes students who were single, divorced, or widowed.

NOTE.—Because of rounding and/or the fact that some students receive aid from multiple sources, row details may not add to totals. Because of rounding and survey item nonresponse, enrollment data may not add to totals. Data include undergraduates in noncollegiate and collegiate institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study, 1995–96*. (This table was prepared September 1997.)

Table 316.—Undergraduates enrolled full time and part time, by aid status and source of aid during 1995–96, and control and level of institution

Control and level of institution	Number of undergraduates, 1995, ¹ in thousands	Cumulative amount borrowed for undergraduate education	Aid status, 1995–96, in percents					
			Nonaided	Receiving aid, by source				
				Any aid ²	Federal	State	Institutional	Other ²
1	2	3	4	5	6	7	8	9
Full-time students ³								
All institutions	6,306	\$7,747	31.6	68.4	55.6	19.8	27.7	10.9
Public	4,413	7,082	37.2	62.8	50.8	17.4	18.8	9.3
4-year doctoral	1,859	8,699	34.7	65.4	51.9	17.6	22.9	11.0
Other 4-year	1,070	7,168	30.7	69.3	59.8	22.8	19.1	8.6
2-year	1,397	4,120	44.1	55.9	44.5	13.5	13.9	7.4
Less than 2-year	88	3,111	60.5	39.5	20.6	9.6	7.2	12.6
Private, nonprofit	1,555	9,460	19.7	80.3	64.0	28.1	56.3	14.0
4-year doctoral	508	10,415	29.4	70.6	55.4	19.5	52.3	13.3
Other 4-year	958	9,243	14.4	85.6	68.3	33.1	60.5	14.6
2-year or less	89	6,867	20.8	79.2	67.5	24.0	33.9	11.4
Private, proprietary	337	6,942	13.8	86.2	79.7	12.8	11.5	17.2
2-year and above	167	9,026	14.3	85.8	79.1	18.1	5.9	15.3
Less than 2-year	170	4,745	13.4	86.6	80.3	7.6	17.0	19.1
Part-time students ³								
All institutions	10,157	\$5,672	61.8	38.3	24.8	6.5	8.9	5.4
Public	8,519	5,265	66.3	33.7	20.8	5.5	7.4	4.7
4-year doctoral	1,211	8,210	41.8	41.8	31.2	7.5	10.1	5.8
Other 4-year	1,030	6,581	41.9	41.9	30.9	8.1	6.1	4.8
2-year	6,174	3,833	30.7	30.7	17.2	4.5	7.1	4.4
Less than 2-year	105	3,274	34.3	34.3	13.9	13.9	4.4	8.6
Private, nonprofit	1,070	8,302	44.4	55.6	34.9	12.8	21.2	8.6
4-year doctoral	280	9,474	51.0	51.0	27.7	10.2	22.5	8.4
Other 4-year	668	8,305	58.4	58.4	37.0	14.6	22.0	8.9
2-year or less	123	5,529	50.8	50.8	39.7	9.0	14.5	7.8
Private, proprietary	567	5,194	25.9	74.1	66.4	9.5	8.9	10.4
2-year and above	269	6,395	74.5	74.5	66.9	11.2	6.7	12.2
Less than 2-year	298	4,055	73.8	73.8	66.1	7.9	10.9	8.7

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.
² Includes students who reported that they were awarded aid but did not specify the source of the aid.
³ Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE.—Because some students receive aid from multiple sources, percents do not add to totals. Excludes students whose attendance status was not reported.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study, 1995–96*. (This table was prepared September 1997.)

Table 317.—Percent of undergraduates receiving aid, by type and source of aid received, and by control and level of institution: 1992–93 and 1995–96

Control and level of institution	Number of undergraduates, ¹ in thousands	Percent receiving aid, by type and source													
		Any aid			Grants			Loans			Work-study		Other		
		Total ²	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal ³	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Full-time students, ⁴ 1992–93															
All institutions	6,000	57.9	45.6	37.9	48.1	29.4	34.0	33.6	32.7	2.7	10.2	6.8	9.5	5.2	4.6
Public	4,110	51.9	40.0	33.0	42.3	27.8	29.1	26.9	26.1	2.0	6.8	4.2	7.9	3.7	4.4
4-year doctoral	1,772	53.7	39.3	34.8	41.9	23.8	30.8	33.0	32.2	2.4	7.1	4.3	8.6	5.0	3.9
Other 4-year	1,087	56.4	46.1	37.4	45.5	32.1	32.4	33.7	32.7	2.8	9.5	5.5	7.9	4.2	3.8
2-year	1,196	45.9	36.0	27.0	40.6	29.9	24.3	12.7	12.3	0.7	4.1	3.0	7.0	1.3	5.7
Less than 2-year	55	35.0	31.6	15.7	29.9	26.6	12.8	3.0	3.0	0.6	1.5	1.4	5.1	0.8	4.4
Private, nonprofit	1,469	69.5	53.4	58.0	62.1	27.7	54.1	46.5	44.9	4.9	22.2	15.9	12.1	7.7	5.0
4-year doctoral	681	62.7	44.5	54.8	55.2	17.3	51.8	41.6	39.7	6.1	18.9	13.2	11.6	7.4	4.5
Other 4-year	719	75.5	60.8	62.7	68.7	35.6	58.1	51.7	50.3	4.1	27.0	19.7	12.2	7.9	5.3
2-year or less	70	73.9	63.9	42.0	61.3	47.3	35.4	41.1	39.5	2.5	4.6	3.0	17.2	9.4	7.8
Private, proprietary	421	76.1	72.4	16.4	55.3	50.9	11.4	54.1	53.8	2.1	1.9	0.7	15.6	11.3	4.5
2-year and above	182	80.6	77.4	22.7	49.5	43.4	16.4	65.2	65.2	3.0	3.5	1.4	24.6	18.8	6.5
Less than 2-year	238	72.7	68.6	11.5	59.7	56.7	7.5	45.6	45.1	1.5	0.7	0.2	8.7	5.6	3.1
Full-time students, ⁴ 1995–96															
All institutions	6,306	68.4	55.6	45.7	54.1	30.6	41.0	43.7	43.2	1.7	11.0	9.0	10.9	5.0	5.9
Public	4,413	62.8	50.8	39.0	47.5	29.6	34.2	37.2	36.9	0.8	7.0	5.4	9.3	3.7	5.5
4-year doctoral	1,859	65.4	51.9	42.2	47.6	26.1	37.2	44.5	44.1	1.4	7.4	5.3	11.0	5.6	5.4
Other 4-year	1,070	69.3	59.8	44.5	52.3	34.4	40.0	47.4	47.2	0.4	9.2	6.7	8.6	3.7	4.8
2-year	1,397	55.9	44.5	31.3	44.6	31.1	26.9	21.8	21.3	0.4	5.1	4.7	7.4	1.3	6.0
Less than 2-year	88	39.5	20.6	27.5	30.9	18.5	16.0	4.4	4.4	0.0	0.1	0.1	12.6	0.1	12.0
Private, nonprofit	1,555	80.3	64.0	67.6	71.3	28.6	64.8	56.9	56.2	3.4	24.6	21.0	14.0	8.2	6.1
4-year doctoral	508	70.6	55.4	61.2	61.6	19.3	58.7	50.9	49.9	3.9	22.6	20.2	13.3	8.6	4.9
Other 4-year	958	85.6	68.3	72.5	77.3	32.5	70.1	60.4	60.0	2.6	27.6	23.0	14.6	8.2	6.7
2-year or less	89	79.2	67.5	52.0	61.9	40.0	42.0	52.9	51.7	9.3	5.3	4.6	11.4	5.0	6.3
Private, proprietary	337	86.2	79.7	32.7	61.3	53.9	20.2	67.7	65.5	5.1	0.5	0.5	17.2	7.6	8.9
2-year and above	167	85.8	80.3	33.0	60.0	49.1	26.0	70.9	70.9	1.4	0.7	0.7	15.3	7.8	6.9
Less than 2-year	170	86.6	79.1	32.5	62.5	58.6	14.5	64.6	60.3	8.7	0.3	0.2	19.1	7.4	10.9
Part-time students, ⁴ 1995–96															
All institutions	10,157	38.3	24.8	24.0	29.9	16.6	19.7	14.4	14.1	0.7	1.4	1.1	5.4	0.8	4.3
Public	8,519	33.7	20.8	21.7	26.5	14.4	17.9	10.5	10.3	0.3	1.2	0.9	4.7	0.4	3.9
4-year doctoral	1,211	41.8	31.2	23.7	28.9	16.9	19.0	25.9	25.6	0.7	2.4	1.4	5.8	1.7	3.9
Other 4-year	1,030	41.9	30.9	22.8	30.2	18.2	19.3	22.3	22.1	0.4	2.3	2.0	4.8	0.8	3.7
2-year	6,174	30.7	17.2	21.1	25.4	13.4	17.5	5.7	5.5	0.3	0.8	0.7	4.4	0.2	3.9
Less than 2-year	105	34.3	13.9	26.0	27.8	12.3	17.4	2.2	2.2	0.0	0.0	0.0	8.6	0.0	8.3
Private, nonprofit	1,070	55.6	34.9	41.5	44.1	17.9	36.1	26.4	26.1	1.3	4.0	3.1	8.6	2.0	6.6
4-year doctoral	280	51.0	27.7	39.7	39.3	12.0	34.3	24.4	23.6	1.4	4.6	3.7	8.4	2.1	5.9
Other 4-year	668	58.4	37.0	44.6	47.5	19.1	39.7	27.3	27.2	0.8	4.5	3.3	8.9	1.7	7.1
2-year or less	123	50.8	39.7	28.3	36.8	24.6	20.5	26.2	25.9	4.3	0.4	0.3	7.8	2.9	5.1
Private, proprietary	567	74.1	66.4	24.3	53.4	46.4	15.3	50.3	49.3	4.6	0.4	0.4	10.4	4.2	5.7
2-year and above	269	74.5	66.9	25.5	53.4	44.8	17.9	50.2	49.8	1.7	0.8	0.7	12.2	4.9	6.9
Less than 2-year	298	73.8	66.1	23.2	53.5	47.9	13.0	50.5	48.8	7.2	0.1	0.1	8.7	3.5	4.7

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

² Includes students who reported they were awarded aid but did not specify the source of aid.

³ Details on nonfederal work study participants are not available.

⁴ Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE.—Excludes students whose attendance status was not reported. Because some students receive multiple types and sources of aid and rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study*, 1992–93 and 1995–96. (This table was prepared September 1997.)

Table 318.—Undergraduates enrolled full time and part time, by federal aid program and by control and level of institution: 1995–96

Control and level of institution	Number of undergraduates, 1995, ¹ in thousands	Percent receiving federal aid in 1995–96, by type							
		Any federal aid	Selected Title IV programs ²						
			Any Title IV aid	Pell	SEOG ³	CWS ⁴	Perkins ⁵	Stafford ⁶	Plus ⁷
1	2	3	4	5	6	7	8	9	10
Full-time students ⁸									
All institutions	6,306	55.6	54.7	30.1	9.1	9.0	7.6	42.2	5.0
Public	4,413	50.8	49.9	29.2	7.2	5.4	5.4	36.0	3.7
4-year doctoral	1,859	51.9	50.9	25.5	6.9	5.3	8.5	43.2	5.6
Other 4-year	1,070	59.8	59.1	34.0	8.4	6.7	6.0	45.8	3.7
2-year	1,397	44.5	43.3	31.1	7.3	4.7	1.4	20.7	1.3
Less than 2-year	88	20.6	20.2	18.5	0.3	0.1	—	4.4	0.1
Private, nonprofit	1,555	64.0	63.2	27.4	13.0	21.0	14.4	55.1	8.2
4-year doctoral	508	55.4	54.5	17.8	9.7	20.2	17.0	48.9	8.6
Other 4-year	958	68.3	67.6	31.4	15.2	23.0	14.3	58.8	8.2
2-year or less	89	67.5	66.8	39.5	8.3	4.6	1.4	51.2	5.0
Private, proprietary	337	79.7	79.4	53.6	16.1	0.5	4.9	64.6	7.6
2-year and above	167	80.3	80.0	48.8	16.1	0.7	8.0	70.5	7.8
Less than 2-year	170	79.1	78.8	58.3	16.1	0.2	1.8	58.8	7.4
Part-time students ⁸									
All institutions	10,157	24.8	23.8	16.4	3.3	1.1	1.4	13.8	0.8
Public	8,519	20.8	19.7	14.4	2.5	0.9	1.0	10.0	0.4
4-year doctoral	1,211	31.2	30.4	16.7	3.3	1.4	3.5	25.1	1.7
Other 4-year	1,030	30.9	30.0	18.1	3.4	2.0	2.2	21.5	0.8
2-year	6,174	17.2	16.0	13.3	2.3	0.7	0.3	5.3	0.1
Less than 2-year	105	13.9	13.0	12.3	—	—	—	2.2	—
Private, nonprofit	1,070	34.9	33.5	17.1	4.7	3.1	3.4	25.3	2.0
4-year doctoral	280	27.7	27.5	11.6	3.9	3.7	5.2	23.2	2.1
Other 4-year	668	37.0	34.9	18.2	5.3	3.3	3.3	26.2	1.7
2-year or less	123	39.7	39.4	24.2	3.1	0.3	0.1	25.8	2.9
Private, proprietary	567	66.4	66.2	46.1	11.3	0.4	3.1	48.4	4.2
2-year and above	269	66.9	66.3	44.7	11.9	0.7	5.1	49.2	4.9
Less than 2-year	298	66.1	66.1	47.4	10.7	0.1	1.4	47.6	3.5

¹ Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes students who enrolled at any time during the academic year.

² Title IV of the Higher Education Act.

³ Supplemental Educational Opportunity Grants.

⁴ College Work Study (CWS). Prior to October 17, 1986, private, proprietary institutions were prohibited by law from spending CWS funds for on-campus work. Includes persons who participated in the program, but had no earnings.

⁵ Formerly National Direct Student Loans (NDSL).

⁶ Formerly Guaranteed Student Loans (GSL).

⁷ Parent loans for Undergraduate Students.

⁸ Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

—Less than .05 percent.

NOTE.—Excludes students whose attendance status was not reported. Because some students receive aid from multiple sources and rounding, percents do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study, 1995–96*. (This table was prepared October 1997.)

Table 319.—Postbaccalaureate students enrolled full time and part time, by aid status, source of aid, and by level of study and control and level of institution: 1992–93 and 1995–96

Level of degree, control and type of institution	Postbaccalaureate students, ¹ in thousands	Cumulative amount borrowed for postbaccalaureate education	Aid status in percents							
			Nonaided	Receiving aid, by source					Employer	Other ³
				Any aid ²	Federal	State	Institutional	Other ³		
1	2	3	4	5	6	7	8	9	10	
Full-time students, ⁴ 1992–93										
All institutions	673	\$18,572	31.9	68.1	44.4	7.0	40.6	5.3	14.6	
Master's degree	281	11,109	37.5	62.5	33.8	5.8	42.4	8.3	12.0	
Public	163	9,335	34.6	65.4	33.9	7.8	44.0	7.6	9.7	
4-year doctoral ...	139	9,597	34.3	65.7	32.4	6.7	46.3	7.7	10.1	
Other 4-year	24	7,970	36.1	63.9	42.5	14.4	30.4	6.8	7.5	
Private	118	13,628	41.6	58.4	33.7	3.2	40.2	9.4	15.2	
4-year doctoral ...	102	13,879	39.3	60.7	34.2	2.9	42.9	8.9	16.4	
Other 4-year	16	—	56.5	43.5	30.5	5.1	22.8	12.1	7.4	
Doctor's degree	120	16,895	30.4	69.6	28.3	4.4	51.6	3.0	13.2	
Public	73	12,758	30.3	69.7	22.3	6.5	55.5	3.9	11.7	
Private	46	21,742	30.4	69.6	37.8	1.1	45.5	1.7	15.7	
First-professional	211	30,045	23.0	77.0	68.2	10.0	37.0	2.3	20.3	
Public	101	24,469	20.7	79.3	72.5	13.4	37.7	2.3	15.8	
Private	110	35,301	25.1	74.9	64.3	6.8	36.4	2.3	24.4	
Other graduate	61	13,102	39.3	60.7	42.4	6.7	22.9	6.0	9.1	
Full-time students, ⁴ 1995–96										
All institutions	861	\$27,122	23.9	76.1	49.3	4.1	43.4	9.6	22.7	
Master's degree	387	18,806	27.4	72.6	43.6	2.4	42.8	16.4	22.5	
Public	236	15,905	25.3	74.7	40.7	3.0	45.6	16.7	31.4	
4-year doctoral ...	195	16,910	23.5	76.5	40.5	2.6	47.9	19.2	34.1	
Other 4-year	41	11,417	34.0	66.0	41.4	5.1	35.0	4.9	18.7	
Private	151	22,568	30.6	69.4	48.2	1.4	38.3	15.9	8.7	
4-year doctoral ...	104	23,816	28.8	71.2	44.6	1.5	42.2	20.2	11.5	
Other 4-year	47	20,299	34.6	65.4	56.1	1.3	29.7	6.6	2.6	
Doctor's degree	147	24,380	17.1	82.9	27.6	0.6	75.7	4.0	53.4	
Public	94	22,687	14.1	85.9	27.6	1.0	77.8	5.1	62.1	
Private	53	28,083	22.5	77.5	27.6	0.0	72.0	2.1	37.9	
First-professional	253	37,540	16.8	83.2	73.9	9.4	31.6	2.2	8.7	
Public	115	34,463	14.3	85.7	79.5	9.7	33.5	1.2	8.0	
Private	138	40,350	19.0	81.0	69.3	9.2	30.0	3.1	9.3	
Other graduate	54	12,057	43.5	56.5	34.0	2.2	31.4	7.0	14.7	
Public 4-year doctoral	18	—	36.9	63.1	32.2	4.0	35.2	—	17.3	
Public other 4-year	36	12,057	46.8	53.2	35.0	1.2	29.4	10.5	13.4	
Part-time students, ⁴ 1995–96										
All institutions	1,869	\$16,193	59.3	40.7	13.8	1.4	16.7	26.0	10.4	
Master's degree	1,118	14,635	56.3	43.7	15.1	1.2	16.5	27.9	10.3	
Public	649	12,971	57.3	42.7	13.6	1.7	18.5	24.2	13.3	
4-year doctoral ...	432	14,443	52.8	47.2	14.8	1.2	22.6	25.7	16.5	
Other 4-year	217	9,273	66.4	33.6	11.1	2.8	10.3	21.4	6.9	
Private	470	16,904	54.9	45.1	17.2	0.5	13.7	33.0	6.3	
4-year doctoral ...	255	19,948	55.3	44.7	17.7	0.6	17.2	29.0	7.6	
Other 4-year	215	13,006	54.5	45.5	16.6	0.3	9.6	37.8	4.7	
Doctor's degree	181	19,530	48.6	51.4	12.1	0.6	39.3	11.9	27.0	
Public	119	16,288	46.1	53.9	9.5	0.9	42.5	13.2	32.5	
Private	62	24,882	53.3	46.7	17.2	0.0	33.3	9.3	16.6	
First-professional	60	32,803	32.2	67.8	47.4	4.3	27.0	14.2	7.0	
Public	15	31,882	29.6	70.4	59.6	4.0	25.7	9.3	8.6	
Private	46	33,160	33.1	66.9	43.5	4.3	27.4	15.8	6.5	
Other graduate	483	13,008	74.0	26.0	7.0	1.9	8.4	26.7	5.1	
Public 4-year doctoral	166	11,166	67.8	32.2	9.8	0.5	12.4	24.7	4.0	
Public other 4-year	317	15,473	77.3	22.7	5.5	2.6	6.3	27.8	5.7	

¹Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students. Includes students who enrolled at any time during the academic year.

²Includes students who reported they were awarded aid but did not specify the source of aid.

³Includes aid provided by corporations, unions, foundations, fraternal organizations, community organizations, etc.

⁴Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

—Sample size too small to permit reliable estimate.

NOTE.—Total includes some students whose level of study was unknown. Because some students receive aid from multiple sources and rounding, percents do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study*, 1992–93 and 1995–96. (This table was prepared October 1997.)

Table 320.—Postbaccalaureate students enrolled full time and part time, by type of aid and by level of study, control, and level of institution: 1992–93 and 1995–96

Level of degree, control and type of institution	Postbaccalaureate students, ¹ in thousands	Type of aid in percents								
		Any aid ²	Fellowship grants	Tuition waivers	Assistantships ³	Employer	Loans			
							Any loans	Stafford ⁴	Perkins	
1	2	3	4	5	6	7	8	9	10	
Full-time students, ⁵ 1992–93										
All institutions	673	68.1	3.5	12.4	14.3	3.3	43.5	41.1	9.0	
Master's degree	281	62.5	3.5	15.6	18.1	5.1	32.5	30.5	5.0	
Public	163	65.4	2.2	20.5	22.4	4.8	32.2	30.8	4.0	
4-year doctoral	139	65.7	2.4	23.3	23.5	4.7	30.6	29.6	3.3	
Other 4-year	24	63.9	1.0	4.4	15.8	5.3	41.5	38.4	8.3	
Private	118	58.4	5.3	8.9	12.1	5.6	32.9	30.0	6.4	
4-year doctoral	102	60.7	6.2	9.5	13.6	5.7	33.6	30.8	6.8	
Other 4-year	16	43.5	0.0	5.4	3.0	4.7	28.7	24.6	4.4	
Doctor's degree	120	69.6	9.3	19.4	27.0	2.2	25.8	23.9	3.5	
Public	73	69.7	4.2	23.1	31.6	3.1	20.6	18.9	2.9	
Private	46	69.6	17.5	13.6	19.9	0.9	34.1	31.9	4.3	
First-professional	211	77.0	0.9	5.6	4.4	1.2	67.8	65.5	19.3	
Public	101	79.3	0.4	5.4	4.3	1.3	71.8	69.9	23.2	
Private	110	74.9	1.2	5.8	4.5	1.2	64.1	61.6	15.7	
Other graduate	61	60.7	1.1	7.5	6.2	3.7	44.4	39.6	2.7	
Full-time students, ⁵ 1995–96										
All institutions	861	76.1	5.2	11.7	19.5	5.0	48.7	48.0	8.1	
Master's degree	387	72.6	4.3	13.5	20.2	6.6	43.1	42.5	5.1	
Public	236	74.7	4.8	17.8	28.8	7.1	39.5	38.8	3.5	
4-year doctoral	195	76.5	5.2	19.5	31.1	7.6	39.2	38.6	4.0	
Other 4-year	41	66.0	2.5	9.9	18.1	4.5	40.8	39.8	1.5	
Private	151	69.4	3.6	6.7	6.6	5.8	48.6	48.2	7.6	
4-year doctoral	104	71.2	3.6	6.4	8.8	7.1	44.6	44.6	9.6	
Other 4-year	47	65.4	3.7	7.4	1.9	3.2	57.4	56.1	3.3	
Doctor's degree	147	82.9	15.8	24.3	51.8	5.5	25.2	25.2	1.5	
Public	94	85.9	13.7	30.9	59.9	5.9	26.7	26.7	1.4	
Private	53	77.5	19.6	12.4	37.3	4.9	22.6	22.6	1.7	
First-professional	253	83.2	1.4	3.0	4.0	1.3	74.4	73.0	18.4	
Public	115	85.7	2.0	3.8	4.1	1.5	79.0	78.6	20.7	
Private	138	81.0	0.9	2.4	3.8	1.2	70.6	68.3	16.4	
Other graduate	54	56.5	2.1	9.8	6.4	6.1	31.3	30.9	1.7	
Public 4-year doctoral ..	18	63.1	0.0	9.2	6.2	1.8	30.2	30.2	3.6	
Public other 4-year	36	53.2	3.1	10.1	6.6	8.3	31.8	31.2	0.7	
Part-time students, ⁵ 1995–96										
All institutions	1,869	40.7	0.8	6.1	7.4	16.1	13.4	13.1	0.9	
Master's degree	1,118	43.7	0.8	5.6	7.4	18.4	14.5	14.2	0.7	
Public	649	42.7	0.8	6.0	10.7	16.0	13.2	12.9	0.9	
4-year doctoral	432	47.2	1.0	7.1	13.7	16.6	14.3	14.2	1.0	
Other 4-year	217	33.6	0.4	3.9	4.9	14.8	11.0	10.5	0.6	
Private	470	45.1	0.9	5.1	2.7	21.7	16.4	16.1	0.5	
4-year doctoral	255	44.7	1.2	4.3	4.0	18.3	17.6	17.0	0.8	
Other 4-year	215	45.5	0.5	5.9	1.2	25.9	15.0	14.9	0.1	
Doctor's degree	181	51.4	2.5	12.7	26.0	9.0	12.0	12.0	0.4	
Public	119	53.9	3.1	15.6	31.9	9.2	9.2	9.2	0.3	
Private	62	46.7	1.4	7.4	14.7	8.6	17.2	17.2	0.7	
First-professional	60	67.8	1.4	3.8	3.1	7.0	47.8	45.7	8.6	
Public	15	70.4	1.6	4.8	7.9	7.5	58.1	57.4	12.2	
Private	46	66.9	1.3	3.5	1.6	6.8	44.5	41.9	8.6	
Other graduate	483	26.0	0.2	5.5	1.5	13.3	6.7	6.5	0.5	
Public 4-year doctoral ..	166	32.2	0.0	8.6	0.4	14.9	9.7	9.6	0.6	
Public other 4-year	317	22.7	0.2	3.8	2.1	12.4	5.2	5.0	0.4	

¹ Numbers of postbaccalaureate students may not equal figures reported in other tables, since these data are based on a sample survey of all postbaccalaureate students. Includes students who enrolled at any time during the academic year.

² Includes students who reported they were awarded aid but did not specify the source of aid.

³ Includes students who received teaching or research assistantships and/or participated in work-study programs.

⁴ Stafford loans, formerly Guaranteed Student Loans (GSL).

⁵ Full-time students are students who attend full-time for the entire academic year. All other students, including those who attend full-time for part of the academic year, are counted as part-time students.

NOTE.—Excludes students whose attendance status was not reported. Total includes some students whose level of study was unknown. Because some students receive aid from multiple sources and rounding, details do not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *National Postsecondary Student Aid Study*, 1992–93 and 1995–96. (This table was prepared October 1997.)

Table 321.—Scholarship and fellowship awards ¹ of institutions of higher education and degree-granting institutions, by control of institution: 1959–60 to 1995–96

[In thousands]

Year	Total scholarship and fellowship awards			Scholarship and fellowship awards from unrestricted funds			Scholarship and fellowship awards from restricted funds		
	All institutions	Public	Private	All institutions	Public	Private	All institutions	Public	Private
1	2	3	4	5	6	7	8	9	10
Higher education institutions ²									
1959–60	\$172,051	\$59,673	\$112,377	—	—	—	—	—	—
1961–62	228,765	78,255	150,510	—	—	—	—	—	—
1963–64	300,370	107,767	192,603	—	—	—	—	—	—
1965–66	425,524	153,256	272,269	—	—	—	—	—	—
1966–67	583,390	248,077	335,311	—	—	—	—	—	—
1967–68	712,425	326,915	385,510	—	—	—	—	—	—
1968–69	814,755	367,433	447,322	—	—	—	—	—	—
1969–70	984,594	456,977	527,617	—	—	—	—	—	—
1970–71	1,098,198	528,243	569,955	—	—	—	—	—	—
1971–72	1,241,372	621,387	619,986	—	—	—	—	—	—
1972–73	1,322,411	656,054	666,357	—	—	—	—	—	—
1973–74	1,396,488	705,691	690,797	—	—	—	—	—	—
1974–75	1,449,542	718,780	730,762	\$631,801	\$267,191	\$364,610	\$817,741	\$451,589	\$366,152
1975–76	1,635,859	798,515	837,343	686,604	276,334	410,269	949,255	522,181	427,074
1976–77	1,770,215	859,011	911,204	748,763	291,073	457,690	1,021,451	567,938	453,514
1977–78	1,839,298	840,666	998,632	818,101	305,563	512,537	1,021,197	535,102	486,095
1978–79	1,944,599	861,578	1,083,021	883,213	326,201	557,012	1,061,386	535,377	526,009
1979–80	2,200,468	970,363	1,230,106	904,876	324,224	580,652	1,295,592	646,138	649,454
1980–81	2,504,525	1,064,864	1,439,661	1,080,614	367,476	713,138	1,423,911	697,388	726,523
1981–82	2,684,945	1,088,717	1,596,228	1,236,081	374,632	861,449	1,448,864	714,085	734,779
1982–83	2,922,897	1,188,383	1,734,514	1,478,762	460,291	1,018,470	1,444,136	728,092	716,044
1983–84	3,301,673	1,276,644	2,025,028	1,738,188	518,626	1,219,562	1,563,485	758,018	805,466
1984–85	3,670,355	1,374,803	2,295,551	1,961,597	569,058	1,392,539	1,708,758	805,745	903,012
1985–86	4,160,174	1,575,909	2,584,266	2,285,116	696,973	1,588,143	1,875,059	878,935	996,123
1986–87	4,776,100	1,751,671	3,024,430	2,644,615	750,931	1,893,684	2,131,486	1,000,740	1,130,746
1987–88	5,325,358	1,941,389	3,383,968	2,941,143	830,195	2,110,948	2,384,215	1,111,194	1,273,021
1988–89	5,918,666	2,150,350	3,768,316	3,282,698	944,001	2,338,697	2,635,969	1,206,349	1,429,619
1989–90	6,655,544	2,386,493	4,269,051	3,853,904	1,099,425	2,754,479	2,801,640	1,287,068	1,514,572
1990–91	7,551,184	2,688,532	4,862,651	4,445,106	1,270,158	3,174,947	3,106,078	1,418,374	1,687,704
1991–92	9,060,000	3,255,660	5,804,340	5,205,797	1,523,721	3,682,076	3,854,203	1,731,939	2,122,264
1992–93	10,148,373	3,727,838	6,420,536	5,949,037	1,745,339	4,203,697	4,199,337	1,982,498	2,216,838
1993–94	11,238,010	4,222,923	7,015,087	6,644,717	1,934,617	4,710,100	4,593,293	2,288,306	2,304,987
1994–95	12,285,328	4,662,023	7,623,304	7,329,384	2,149,036	5,180,348	4,955,944	2,512,988	2,442,957
1995–96 ³	13,138,965	5,085,519	8,053,446	8,206,014	2,456,142	5,749,873	4,932,951	2,629,377	2,303,573
Degree-granting institutions ⁴									
1995–96 ³	13,195,102	5,084,653	8,110,450	8,213,049	2,457,139	5,755,910	4,982,054	2,627,514	2,354,540

¹ Includes Supplemental Educational Opportunity Grants and State Student Incentive Grants, but excludes Pell Grants.

² Includes institutions with programs accreditable towards an associate or higher level degree.

³ Preliminary data.

⁴ 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not collected.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 322.—Pell Grant revenue of institutions of higher education and degree-granting institutions compared to current-fund revenue and tuition, by type and control of institution: 1985–86 to 1995–96

[Amounts in thousands]

Year and type of control of institution	Total				Public				Private			
	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue	Current-fund revenue	Tuition	Pell Grant revenue	Pell Grants as a percent of current-fund revenue
1	2	3	4	5	6	7	8	9	10	11	12	13
Higher education institutions												
1985–86	\$100,437,616	\$23,116,605	\$2,565,048	2.6	\$65,004,632	\$9,439,177	\$1,873,456	2.9	\$35,432,985	\$13,677,429	\$691,592	2.0
4-year	88,144,386	20,498,399	1,770,042	2.0	53,746,503	7,539,717	1,214,303	2.3	34,397,882	12,958,683	555,739	1.6
2-year	12,293,231	2,618,206	795,006	6.5	11,258,128	1,899,460	659,153	5.9	1,035,102	718,746	135,853	13.1
1987–88	117,340,109	27,836,781	2,496,133	2.1	74,771,255	11,184,657	1,876,777	2.5	42,568,854	16,652,124	619,355	1.5
4-year	103,280,070	24,779,364	1,714,118	1.7	61,958,780	9,032,936	1,207,418	1.9	41,321,290	15,746,428	506,700	1.2
2-year	14,060,039	3,057,417	782,015	5.6	12,812,475	2,151,721	669,359	5.2	1,247,564	905,696	112,656	9.0
1989–90	139,635,477	33,926,060	3,348,018	2.4	88,911,433	13,820,240	2,566,209	2.9	50,724,044	20,105,820	781,809	1.5
4-year	122,858,290	30,302,689	2,253,803	1.8	73,415,696	11,090,012	1,591,684	2.2	49,442,595	19,212,677	662,119	1.3
2-year	16,777,187	3,623,371	1,094,215	6.5	15,495,738	2,730,229	974,525	6.3	1,281,449	893,143	119,690	9.3
1990–91	149,766,051	37,434,462	3,510,537	2.3	94,904,506	15,258,024	2,725,357	2.9	54,861,545	22,176,439	785,180	1.4
4-year	131,743,973	33,405,241	2,312,931	1.8	78,272,989	12,188,851	1,647,376	2.1	53,470,984	21,216,389	665,554	1.2
2-year	18,022,078	4,029,222	1,197,606	6.6	16,631,517	3,069,173	1,077,981	6.5	1,390,562	960,049	119,625	8.6
1991–92	161,395,896	41,559,037	4,238,047	2.6	102,202,890	17,460,263	3,312,386	3.2	59,193,006	24,098,774	925,661	1.6
4-year	141,700,893	36,910,390	2,710,510	1.9	83,969,040	13,827,245	1,928,623	2.3	57,731,852	23,083,145	781,887	1.4
2-year	19,695,003	4,648,647	1,527,537	7.8	18,233,850	3,633,018	1,383,763	7.6	1,461,153	1,015,629	143,774	9.8
1992–93	170,880,503	45,346,071	4,701,905	2.8	108,186,484	19,490,221	3,663,529	3.4	62,694,018	25,855,850	1,038,377	1.7
4-year	150,075,119	40,127,624	2,982,999	2.0	88,952,983	15,406,746	2,097,638	2.4	61,122,135	24,720,878	885,360	1.4
2-year	20,805,384	5,218,447	1,718,907	8.3	19,233,501	4,083,475	1,565,890	8.1	1,571,883	1,134,972	153,017	9.7
1993–94	179,226,601	48,646,538	4,564,790	2.5	112,968,097	20,825,388	3,543,643	3.1	66,258,504	27,821,149	1,021,147	1.5
4-year	157,265,446	43,052,545	2,674,392	1.7	92,747,344	16,457,225	1,860,187	2.0	64,518,102	26,595,320	814,204	1.3
2-year	21,961,155	5,593,993	1,890,399	8.6	20,220,753	4,368,164	1,683,456	8.3	1,740,402	1,225,829	206,942	11.9
1994–95	189,120,570	51,506,876	4,524,313	2.4	119,312,493	21,908,104	3,594,407	3.0	69,808,077	29,598,772	929,906	1.3
4-year	166,144,023	45,863,702	2,690,643	1.6	97,963,262	17,385,587	1,890,393	1.9	68,180,761	28,478,115	800,250	1.2
2-year	22,976,547	5,643,174	1,833,670	8.0	21,349,231	4,522,517	1,704,014	8.0	1,627,317	1,120,657	129,656	8.0
1995–96 ¹	197,414,848	54,725,982	4,504,570	2.3	123,378,526	23,222,284	3,595,360	2.9	74,036,321	31,503,698	909,210	1.2
4-year	173,428,636	48,892,798	2,692,691	1.6	101,029,863	18,510,094	1,906,264	1.9	72,398,773	30,382,704	786,427	1.1
2-year	23,986,211	5,833,184	1,811,879	7.6	22,348,663	4,712,190	1,689,096	7.6	1,637,548	1,120,994	122,783	7.5
Degree-granting institutions ²												
1995–96 ¹	197,973,236	55,260,293	4,598,793	2.3	123,501,152	23,257,454	3,603,696	2.9	74,472,083	32,002,839	995,097	1.3
4-year	173,358,920	48,937,146	2,692,395	1.6	101,033,907	18,512,146	1,906,294	1.9	72,325,013	30,425,000	786,101	1.1
2-year	24,614,316	6,323,147	1,906,398	7.7	22,467,245	4,745,308	1,697,402	7.6	2,147,071	1,577,839	208,997	9.7

¹ Preliminary data.

² Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

NOTE.—Pell Grants which are spent on campus for tuition, room, board or other college expenses are included in current-fund revenue. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 323.—State awards for need-based undergraduate scholarship and grant programs, by state: 1983–84 to 1995–96
[In thousands]

State	1983–84	1985–86	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93 ¹	1993–94 ¹	1994–95 ¹	1995–96 ¹	Percent change, 1983–84 to 1995–96 ²
1	2	3	4	5	6	7	8	9	10	11	12	13
Need-based aid as a percent of all state financial aid³	—	—	81.0	78.2	76.8	77.4	74.7	75.7	75.7	77.5	84.4	—
Need-based aid	\$1,024,206	\$1,222,112	\$1,377,996	\$1,423,743	\$1,529,421	\$1,658,221	\$1,781,820	\$1,923,720	\$2,195,993	\$2,421,952	\$2,435,687	137.8
Alabama	1,731	2,242	2,260	2,196	2,984	2,878	2,183	2,271	2,283	2,281	2,142	23.7
Alaska	189	241	240	234	228	464	475	470	454	444	430	127.5
Arizona	2,027	2,401	3,222	3,508	3,420	3,318	2,278	2,437	3,476	3,482	2,291	13.0
Arkansas	2,226	4,108	3,759	3,903	3,946	3,885	4,742	6,319	7,701	8,907	10,765	383.6
California	86,031	112,373	118,819	129,264	153,045	161,642	172,852	151,379	207,969	232,067	235,582	173.8
Colorado	7,341	9,282	9,327	9,395	10,349	11,276	12,380	14,812	16,480	18,252	21,076	187.1
Connecticut	9,371	11,095	14,650	21,149	19,915	20,580	20,595	20,805	20,641	20,690	20,372	117.4
Delaware	548	756	807	829	956	1,066	906	1,121	1,270	1,033	1,188	116.8
District of Columbia	759	1,106	1,106	1,075	1,069	947	978	1,015	1,022	1,022	939	23.7
Florida	12,515	14,819	15,245	16,522	20,134	24,729	29,279	29,628	31,277	36,824	34,822	178.2
Georgia	3,683	4,510	4,599	5,197	4,607	5,070	5,084	4,951	26,853	5,147	4,757	29.2
Hawaii	493	604	563	598	726	612	632	724	748	732	499	1.2
Idaho	378	509	343	348	346	350	483	580	634	779	763	101.9
Illinois	104,384	122,300	135,880	143,373	171,361	183,508	184,753	203,532	214,809	244,352	256,872	146.1
Indiana	20,380	26,448	45,408	35,692	41,874	46,756	450,441	55,814	55,814	67,742	68,340	235.3
Iowa	20,263	22,379	25,960	30,050	32,467	35,586	34,654	34,067	34,718	35,642	38,953	92.2
Kansas	4,664	5,609	5,337	5,540	6,478	6,462	6,587	6,894	9,060	9,802	9,526	104.2
Kentucky	7,886	8,758	12,161	12,522	12,605	19,866	16,996	20,520	20,619	25,517	26,215	232.4
Louisiana	1,693	2,003	1,880	1,947	2,786	3,827	4,446	5,125	6,374	6,429	6,580	288.7
Maine	477	809	1,418	1,408	1,877	4,802	5,002	5,200	5,170	5,787	6,988	1,365.0
Maryland	5,459	6,859	8,737	12,841	14,800	15,607	16,253	20,828	23,713	24,571	30,350	456.0
Massachusetts	25,655	43,466	61,600	62,443	50,844	46,000	23,690	45,989	45,059	61,850	54,565	112.7
Michigan	30,753	57,645	70,099	75,467	70,721	68,918	78,116	75,469	79,735	81,340	84,154	173.6
Minnesota	46,600	45,486	63,300	68,293	58,136	74,656	81,322	83,170	102,920	97,920	92,069	97.6
Mississippi	1,015	1,288	1,230	1,251	1,243	1,136	1,131	1,244	1,255	1,248	1,175	15.8
Missouri	8,766	9,645	8,394	10,234	10,796	11,078	10,142	11,097	11,124	11,913	12,233	39.6
Montana	353	440	419	420	415	383	414	418	401	419	393	11.3
Nebraska	860	1,093	1,094	1,052	1,276	2,192	2,370	2,613	2,686	2,726	3,114	262.1
Nevada	327	414	352	352	4352	321	326	341	342	342	2,595	693.6
New Hampshire	536	660	810	886	918	770	825	1,253	840	1,425	765	42.7
New Jersey	47,980	65,173	70,298	76,204	84,347	87,054	100,220	118,868	135,251	159,683	132,383	175.9
New Mexico	695	1,461	4,107	5,024	5,601	6,479	47,293	8,295	9,266	13,886	14,629	2,004.9
New York	327,320	363,949	372,363	355,192	382,655	428,358	504,195	554,803	618,849	636,704	625,711	91.2
North Carolina	3,974	4,440	4,559	4,489	3,046	2,519	2,908	3,163	14,436	13,774	16,659	319.2
North Dakota	635	808	490	976	1,242	1,177	1,475	2,162	2,036	1,996	1,898	198.9
Ohio	41,974	45,000	49,200	50,865	53,848	54,600	57,275	66,000	77,940	91,225	86,053	105.0
Oklahoma	6,561	8,242	10,245	9,861	11,591	11,871	12,612	13,286	13,405	13,325	13,642	107.9
Oregon	8,546	9,514	9,959	10,108	10,092	11,809	12,023	12,606	12,903	13,761	13,651	59.7
Pennsylvania	83,474	96,800	110,992	118,986	132,344	142,389	158,092	173,214	188,751	218,604	232,020	178.0
Rhode Island	6,745	7,856	8,138	8,967	9,917	9,522	9,141	9,586	6,500	6,340	5,741	-14.9
South Carolina	12,588	15,146	16,346	17,810	18,150	17,901	16,800	17,105	16,795	17,297	18,622	47.9
South Dakota	440	624	516	506	504	468	480	587	589	589	562	27.7
Tennessee	6,700	9,434	12,591	11,977	12,977	13,487	12,793	13,723	16,755	18,313	18,811	180.8
Texas	21,438	19,033	22,705	22,266	24,784	24,135	27,385	27,467	29,102	29,102	40,768	90.2
Utah	1,538	1,131	1,133	1,081	1,091	1,001	1,034	1,115	1,132	1,129	1,197	-22.2
Vermont	7,039	7,724	8,414	9,264	11,137	10,184	11,019	11,120	11,167	11,788	11,865	68.6
Virginia	4,075	4,415	4,414	8,062	7,966	7,351	4,892	6,654	6,408	53,885	59,568	1361.8
Washington	7,530	8,827	12,425	12,858	13,925	21,095	23,527	23,571	46,617	53,369	56,573	651.3
West Virginia	4,376	5,167	5,189	5,204	5,217	5,559	5,781	5,868	5,802	6,761	8,132	85.8
Wisconsin	23,011	27,816	34,653	35,842	38,072	42,365	42,324	44,216	46,592	49,511	46,470	101.9
Wyoming	204	204	240	212	4241	4212	216	225	250	225	219	7.4

¹ Estimated.

² Changes may reflect introduction of new programs or discontinuation of existing programs.

³ Participation requirements vary from state to state.

⁴ Data are estimated based on prior year's report.

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: National Association of State Scholarship and Grant Programs, *Annual Survey Report*, (1983–84 to 1994–95) and National Association of State Student Grant and Aid Programs, *Annual Survey Report* (1995–96). (This table was prepared August 1998.)

Table 324.—Current-fund revenue of institutions of higher education, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund revenue	\$65,584,789	\$100,437,616	\$139,635,477	\$149,766,051	\$161,395,896	\$170,880,503	\$179,226,601	\$189,120,570	\$197,973,236
Tuition and fees	13,773,259	23,116,605	33,926,060	37,434,462	41,559,037	45,346,071	48,646,538	51,506,876	55,260,293
Federal government	9,747,586	12,704,750	17,254,874	18,236,082	19,833,317	21,014,564	22,076,385	23,243,172	23,939,075
Appropriations	1,346,835	1,617,510	1,890,046	1,840,694	1,907,403	1,872,840	1,994,279	1,984,450	2,036,948
Unrestricted grants and contracts	1,126,558	1,658,636	2,353,119	2,504,859	2,703,590	2,913,256	3,129,307	3,297,173	3,652,186
Restricted grants and contracts ²	6,005,317	7,190,345	9,773,266	10,443,977	11,561,444	12,589,727	13,554,435	14,421,419	14,713,289
Independent operations (FFRDC) ³	1,268,877	2,238,259	3,238,442	3,446,552	3,660,881	3,638,741	3,398,364	3,540,129	3,536,653
State governments	20,106,222	29,911,500	38,349,239	39,480,874	40,586,907	41,247,955	41,910,288	44,343,012	45,692,673
Appropriations	19,266,186	28,402,288	35,223,174	36,255,090	36,884,957	37,314,176	37,824,061	39,638,444	40,323,301
Unrestricted grants and contracts	84,848	154,109	411,757	366,206	376,176	382,204	360,852	524,586	1,090,932
Restricted grants and contracts	755,188	1,355,102	2,714,309	2,859,577	3,325,774	3,551,575	3,725,375	4,179,982	4,278,440
Local governments	1,790,740	2,544,506	3,639,902	3,931,239	4,159,876	4,444,875	4,998,306	5,165,961	5,607,909
Appropriations	1,482,536	2,153,160	2,919,447	3,177,696	3,336,012	3,599,983	4,023,620	4,247,748	4,400,741
Unrestricted grants and contracts	29,629	56,975	122,404	116,982	140,135	139,881	134,491	134,611	377,754
Restricted grants and contracts	278,575	334,371	598,051	636,561	683,729	705,011	840,195	783,602	829,414
Private gifts, grants, and contracts	3,176,670	5,410,905	7,781,422	8,361,265	8,977,271	9,659,977	10,203,062	10,866,749	11,903,126
Unrestricted	1,210,903	2,111,972	2,634,974	2,720,233	2,921,997	3,229,718	3,400,457	3,556,608	4,072,454
Restricted	1,965,766	3,298,933	5,146,448	5,641,032	6,055,274	6,430,259	6,802,605	7,310,141	7,830,672
Endowment income	1,364,443	2,275,898	3,143,696	3,268,629	3,442,009	3,627,773	3,669,536	3,988,217	4,562,171
Unrestricted	770,358	1,285,194	1,614,088	1,521,940	1,549,930	1,536,511	1,557,733	1,649,296	2,064,490
Restricted	594,085	990,704	1,529,608	1,746,690	1,892,079	2,091,262	2,111,803	2,338,921	2,497,681
Sales and services	13,677,366	21,274,265	30,787,233	34,107,502	37,519,828	39,824,766	41,791,319	43,039,561	43,009,873
Educational activities	1,409,730	2,373,494	3,632,100	4,054,703	4,520,890	5,037,901	5,294,030	5,603,251	5,530,763
Auxiliary enterprises	7,287,290	10,674,136	13,938,469	14,903,127	15,758,599	16,662,850	17,537,514	18,336,094	18,867,540
Hospitals	4,980,346	8,226,635	13,216,664	15,149,672	17,240,338	18,124,015	18,959,776	19,100,217	18,611,570
Other sources	1,948,503	3,199,186	4,753,051	4,945,998	5,317,651	5,714,523	5,931,167	6,967,023	7,998,116
Percentage distribution									
Total current-fund revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and fees	21.0	23.0	24.3	25.0	25.7	26.5	27.1	27.2	27.9
Federal government	14.9	12.6	12.4	12.2	12.3	12.3	12.3	12.3	12.1
Appropriations	2.1	1.6	1.4	1.2	1.2	1.1	1.1	1.0	1.0
Unrestricted grants and contracts	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
Restricted grants and contracts ²	9.2	7.2	7.0	7.0	7.2	7.4	7.6	7.6	7.4
Independent operations (FFRDC) ³	1.9	2.2	2.3	2.3	2.3	2.1	1.9	1.9	1.8
State governments	30.7	29.8	27.5	26.4	25.1	24.1	23.4	23.4	23.1
Appropriations	29.4	28.3	25.2	24.2	22.9	21.8	21.1	21.0	20.4
Unrestricted grants and contracts	0.1	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.6
Restricted grants and contracts	1.2	1.3	1.9	1.9	2.1	2.1	2.1	2.2	2.2
Local governments	2.7	2.5	2.6	2.6	2.6	2.6	2.8	2.7	2.8
Appropriations	2.3	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
Unrestricted grants and contracts	(4)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Restricted grants and contracts	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4
Private gifts, grants, and contracts	4.8	5.4	5.6	5.6	5.6	5.7	5.7	5.7	6.0
Unrestricted	1.8	2.1	1.9	1.8	1.8	1.9	1.9	1.9	2.1
Restricted	3.0	3.3	3.7	3.8	3.8	3.8	3.8	3.9	4.0
Endowment income	2.1	2.3	2.3	2.2	2.1	2.1	2.0	2.1	2.3
Unrestricted	1.2	1.3	1.2	1.0	1.0	0.9	0.9	0.9	1.0
Restricted	0.9	1.0	1.1	1.2	1.2	1.2	1.2	1.2	1.3
Sales and services	20.9	21.2	22.0	22.8	23.2	23.3	23.3	22.8	21.7
Educational activities	2.1	2.4	2.6	2.7	2.8	2.9	3.0	3.0	2.8
Auxiliary enterprises	11.1	10.6	10.0	10.0	9.8	9.8	9.8	9.7	9.5
Hospitals	7.6	8.2	9.5	10.1	10.7	10.6	10.6	10.1	9.4
Other sources	3.0	3.2	3.4	3.3	3.3	3.3	3.3	3.7	4.0

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
² Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.
³ Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).
⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 325.—Current-fund revenue of public institutions of higher education, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund revenue	\$43,195,617	\$65,004,632	\$88,911,433	\$94,904,506	\$102,202,890	\$108,186,484	\$112,968,097	\$119,312,493	\$123,501,152
Tuition and fees	5,570,404	9,439,177	13,820,240	15,258,024	17,460,263	19,490,221	20,825,388	21,908,104	23,257,454
Federal government	5,540,101	6,852,370	9,171,488	9,763,427	10,783,842	11,655,011	12,465,038	13,191,843	13,672,467
Appropriations	1,128,101	1,401,367	1,636,047	1,604,548	1,662,229	1,658,052	1,781,837	1,766,412	1,826,738
Unrestricted grants and contracts	529,424	816,364	1,214,836	1,319,035	1,462,372	1,601,201	1,694,596	1,802,822	1,996,861
Restricted grants and contracts ²	3,812,197	4,481,723	6,106,112	6,629,484	7,426,627	8,155,317	8,776,458	9,368,072	9,598,340
Independent operations (FFRDC) ³	70,379	152,916	214,493	210,360	232,613	240,441	212,148	254,537	250,529
State governments	19,675,968	29,220,586	37,052,307	38,239,978	39,107,560	39,789,641	40,536,393	42,854,681	44,242,546
Appropriations	19,006,716	28,071,070	34,858,904	35,898,653	36,612,540	37,073,932	37,565,065	39,405,865	40,081,437
Unrestricted grants and contracts	45,390	88,779	297,338	250,168	253,184	259,046	271,298	381,165	924,837
Restricted grants and contracts	623,863	1,060,737	1,896,065	2,091,157	2,241,836	2,456,663	2,700,030	3,067,650	3,236,272
Local governments	1,622,938	2,325,844	3,264,303	3,531,714	3,778,615	4,040,897	4,508,604	4,756,884	5,074,511
Appropriations	1,478,001	2,150,459	2,910,444	3,159,789	3,319,119	3,594,207	4,021,421	4,243,984	4,397,098
Unrestricted grants and contracts	9,915	27,852	82,405	73,281	90,257	84,974	71,098	60,123	184,597
Restricted grants and contracts	135,022	147,533	271,453	298,644	369,239	361,717	416,084	452,777	492,815
Private gifts, grants, and contracts	1,100,084	2,109,782	3,368,635	3,651,107	4,039,212	4,330,112	4,521,452	4,737,529	5,089,344
Unrestricted	110,462	279,381	436,028	529,496	650,468	686,214	698,497	684,264	784,979
Restricted	989,622	1,830,401	2,932,607	3,121,611	3,388,743	3,643,898	3,822,955	4,053,266	4,304,365
Endowment income	214,561	398,603	461,701	431,235	593,998	667,711	639,343	693,313	721,079
Unrestricted	102,888	181,624	164,242	147,368	248,770	257,113	259,172	266,960	304,860
Restricted	111,673	216,979	297,459	283,867	345,228	410,598	380,172	426,354	416,219
Sales and services	8,455,449	12,990,670	19,330,429	21,546,202	23,738,382	25,282,113	26,404,241	27,517,662	27,399,796
Educational activities	943,737	1,596,946	2,423,779	2,700,185	2,960,980	3,236,037	3,329,681	3,616,034	3,528,610
Auxiliary enterprises	4,614,561	6,684,794	8,473,282	9,058,745	9,655,373	10,255,044	10,814,804	11,373,646	11,595,408
Hospitals	2,897,151	4,708,930	8,433,369	9,787,271	11,122,029	11,791,033	12,259,757	12,527,982	12,275,778
Other sources	1,016,110	1,667,600	2,442,330	2,482,819	2,701,019	2,930,778	3,067,638	3,652,477	4,043,955
Percentage distribution									
Total current-fund revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and fees	12.9	14.5	15.5	16.1	17.1	18.0	18.4	18.4	18.8
Federal government	12.8	10.5	10.3	10.3	10.6	10.8	11.0	11.1	11.1
Appropriations	2.6	2.2	1.8	1.7	1.6	1.5	1.6	1.5	1.5
Unrestricted grants and contracts	1.2	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6
Restricted grants and contracts ²	8.8	6.9	6.9	7.0	7.3	7.5	7.8	7.9	7.8
Independent operations (FFRDC) ³	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
State governments	45.6	45.0	41.7	40.3	38.3	36.8	35.9	35.9	35.8
Appropriations	44.0	43.2	39.2	37.8	35.8	34.3	33.3	33.0	32.5
Unrestricted grants and contracts	0.1	0.1	0.3	0.3	0.2	0.2	0.2	0.3	0.7
Restricted grants and contracts	1.4	1.6	2.1	2.2	2.2	2.3	2.4	2.6	2.6
Local governments	3.8	3.6	3.7	3.7	3.7	3.7	4.0	4.0	4.1
Appropriations	3.4	3.3	3.3	3.3	3.2	3.3	3.6	3.6	3.6
Unrestricted grants and contracts	(4)	(4)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Restricted grants and contracts	0.3	0.2	0.3	0.3	0.4	0.3	0.4	0.4	0.4
Private gifts, grants, and contracts	2.5	3.2	3.8	3.8	4.0	4.0	4.0	4.0	4.1
Unrestricted	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6
Restricted	2.3	2.8	3.3	3.3	3.3	3.4	3.4	3.4	3.5
Endowment income	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6
Unrestricted	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Restricted	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3
Sales and services	19.6	20.0	21.7	22.7	23.2	23.4	23.4	23.1	22.2
Educational activities	2.2	2.5	2.7	2.8	2.9	3.0	2.9	3.0	2.9
Auxiliary enterprises	10.7	10.3	9.5	9.5	9.4	9.5	9.6	9.5	9.4
Hospitals	6.7	7.2	9.5	10.3	10.9	10.9	10.9	10.5	9.9
Other sources	2.4	2.6	2.7	2.6	2.6	2.7	2.7	3.1	3.3

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
² Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.
³ Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).
⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.
 SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 326.—Current-fund revenue of private institutions of higher education, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund revenue	\$22,389,172	\$35,432,985	\$50,724,044	\$54,861,545	\$59,193,006	\$62,694,018	\$66,258,504	\$69,808,077	\$74,472,083
Tuition and fees	8,202,855	13,677,429	20,105,820	22,176,439	24,098,774	25,855,850	27,821,149	29,598,772	32,002,839
Federal government	4,207,485	5,852,380	8,083,386	8,472,654	9,049,476	9,359,554	9,611,348	10,051,329	10,266,608
Appropriations	218,733	216,143	254,000	236,146	245,173	214,788	212,443	218,038	210,210
Unrestricted grants and contracts	597,134	842,272	1,138,283	1,185,824	1,241,218	1,312,056	1,434,711	1,494,351	1,655,325
Restricted grants and contracts ²	2,193,119	2,708,622	3,667,154	3,814,493	4,134,817	4,434,410	4,777,978	5,053,347	5,114,949
Independent operations (FFRDC) ³	1,198,498	2,085,343	3,023,949	3,236,192	3,428,267	3,398,300	3,186,216	3,285,593	3,286,124
State governments	430,253	690,914	1,296,932	1,240,896	1,479,347	1,458,314	1,373,894	1,488,332	1,450,127
Appropriations	259,470	331,219	364,270	356,437	272,417	240,244	258,996	232,579	241,864
Unrestricted grants and contracts	39,458	65,330	114,419	116,038	122,992	123,158	89,554	143,421	166,095
Restricted grants and contracts	131,326	294,365	818,244	768,421	1,083,938	1,094,912	1,025,344	1,112,332	1,042,168
Local governments	167,801	218,662	375,599	399,525	381,261	403,977	489,703	409,077	533,398
Appropriations	4,535	2,701	9,003	17,907	16,893	5,776	2,199	3,763	3,643
Unrestricted grants and contracts	19,714	29,123	39,999	43,701	49,878	54,907	63,393	74,488	193,156
Restricted grants and contracts	143,552	186,838	326,598	337,917	314,490	343,294	424,111	330,826	336,598
Private gifts, grants, and contracts	2,076,585	3,301,124	4,412,787	4,710,158	4,938,060	5,329,865	5,681,610	6,129,220	6,813,782
Unrestricted	1,100,441	1,832,592	2,198,946	2,190,736	2,271,529	2,543,504	2,701,960	2,872,344	3,287,476
Restricted	976,144	1,468,532	2,213,841	2,519,421	2,666,531	2,786,361	2,979,650	3,256,876	3,526,306
Endowment income	1,149,883	1,877,295	2,681,995	2,837,394	2,848,012	2,960,062	3,030,193	3,294,904	3,841,091
Unrestricted	667,471	1,103,570	1,449,846	1,374,572	1,301,160	1,279,398	1,298,562	1,382,336	1,759,630
Restricted	482,412	773,725	1,232,149	1,462,822	1,546,851	1,680,664	1,731,631	1,912,567	2,081,461
Sales and services	5,221,917	8,283,595	11,456,804	12,561,301	13,781,446	14,542,653	15,387,078	15,521,899	15,610,078
Educational activities	465,993	776,548	1,208,322	1,354,518	1,559,910	1,801,865	1,964,349	1,987,217	2,002,153
Auxiliary enterprises	2,672,729	3,989,342	5,465,187	5,844,382	6,103,226	6,407,806	6,722,710	6,962,448	7,272,132
Hospitals	2,083,195	3,517,705	4,783,295	5,362,401	6,118,309	6,332,982	6,700,019	6,572,234	6,335,792
Other sources	932,392	1,531,586	2,310,720	2,463,178	2,616,632	2,783,744	2,863,529	3,314,546	3,954,162
Percentage distribution									
Total current-fund revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and fees	36.6	38.6	39.6	40.4	40.7	41.2	42.0	42.4	43.0
Federal government	18.8	16.5	15.9	15.4	15.3	14.9	14.5	14.4	13.8
Appropriations	1.0	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3
Unrestricted grants and contracts	2.7	2.4	2.2	2.2	2.1	2.1	2.2	2.1	2.2
Restricted grants and contracts ²	9.8	7.6	7.2	7.0	7.0	7.1	7.2	7.2	6.9
Independent operations (FFRDC) ³	5.4	5.9	6.0	5.9	5.8	5.4	4.8	4.7	4.4
State governments	1.9	1.9	2.6	2.3	2.5	2.3	2.1	2.1	1.9
Appropriations	1.2	0.9	0.7	0.6	0.5	0.4	0.4	0.3	0.3
Unrestricted grants and contracts	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Restricted grants and contracts	0.6	0.8	1.6	1.4	1.8	1.7	1.5	1.6	1.4
Local governments	0.7	0.6	0.7	0.7	0.6	0.6	0.7	0.6	0.7
Appropriations	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Unrestricted grants and contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Restricted grants and contracts	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5
Private gifts, grants, and contracts	9.3	9.3	8.7	8.6	8.3	8.5	8.6	8.8	9.1
Unrestricted	4.9	5.2	4.3	4.0	3.8	4.1	4.1	4.1	4.4
Restricted	4.4	4.1	4.4	4.6	4.5	4.4	4.5	4.7	4.7
Endowment income	5.1	5.3	5.3	5.2	4.8	4.7	4.6	4.7	5.2
Unrestricted	3.0	3.1	2.9	2.5	2.2	2.0	2.0	2.0	2.4
Restricted	2.2	2.2	2.4	2.7	2.6	2.7	2.6	2.7	2.8
Sales and services	23.3	23.4	22.6	22.9	23.3	23.2	23.2	22.2	21.0
Educational activities	2.1	2.2	2.4	2.5	2.6	2.9	3.0	2.8	2.7
Auxiliary enterprises	11.9	11.3	10.8	10.7	10.3	10.2	10.1	10.0	9.8
Hospitals	9.3	9.9	9.4	9.8	10.3	10.1	10.1	9.4	8.5
Other sources	4.2	4.3	4.6	4.5	4.4	4.4	4.3	4.7	5.3

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
² Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.
³ Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).
⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 327.—Current-fund revenue of private nonprofit institutions of higher education, by source: 1980–81 to 1995–96

Source	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9
In thousands								
Total current-fund revenue	\$22,078,144	\$34,839,494	\$53,652,864	\$57,904,208	\$61,291,366	\$64,726,849	\$68,215,391	\$72,263,702
Tuition and fees	7,930,156	13,152,750	21,150,439	22,990,730	24,663,506	26,504,664	28,223,908	29,988,621
Federal government	4,203,605	5,843,729	8,400,320	9,011,581	9,323,425	9,576,958	10,023,252	10,189,345
Appropriations	217,866	215,398	233,826	242,458	214,788	212,443	218,038	210,210
Unrestricted grants and contracts	596,257	840,593	1,164,075	1,240,445	1,310,776	1,431,294	1,490,585	1,648,590
Restricted grants and contracts ²	2,190,984	2,703,772	3,776,751	4,101,491	4,399,937	4,747,005	5,029,036	5,042,597
Independent operations (FFRDC) ³	1,198,498	2,083,966	3,225,668	3,427,187	3,397,924	3,186,216	3,285,592	3,287,947
State governments	430,007	688,502	1,221,746	1,419,019	1,384,288	1,297,296	1,412,609	1,336,890
Appropriations	259,463	331,004	356,009	271,941	240,067	258,995	232,579	242,997
Unrestricted grants and contracts	39,349	65,330	114,495	121,179	121,755	88,814	142,522	160,535
Restricted grants and contracts	131,195	292,168	751,242	1,025,898	1,022,466	949,488	1,037,509	933,358
Local governments	167,266	218,599	398,367	379,364	401,468	487,629	406,862	524,751
Appropriations	4,535	2,696	17,543	16,446	5,572	2,198	3,763	3,898
Unrestricted grants and contracts	19,536	29,067	43,647	49,431	54,549	63,311	74,301	188,680
Restricted grants and contracts	143,195	186,836	337,177	313,487	341,347	422,119	328,797	332,174
Private gifts, grants, and contracts	2,072,631	3,293,435	4,705,341	4,934,809	5,328,009	5,680,389	6,127,716	6,854,515
Unrestricted	1,096,871	1,826,109	2,187,630	2,269,272	2,542,575	2,701,866	2,872,151	3,327,762
Restricted	975,760	1,467,326	2,517,711	2,665,536	2,785,434	2,978,523	3,255,565	3,526,752
Endowment income	1,149,042	1,876,203	2,834,333	2,846,578	2,960,043	3,030,193	3,294,805	3,849,693
Unrestricted	667,002	1,102,801	1,373,303	1,300,310	1,279,388	1,298,562	1,382,336	1,768,169
Restricted	482,040	773,402	1,461,030	1,546,268	1,680,655	1,731,631	1,912,468	2,081,523
Sales and services	5,198,255	8,242,785	12,501,834	13,723,798	14,468,452	15,309,195	15,436,197	15,599,719
Educational activities	461,859	772,272	1,351,766	1,556,995	1,794,217	1,952,836	1,974,500	2,014,598
Auxiliary enterprises	2,653,200	3,952,809	5,787,670	6,048,495	6,341,253	6,656,340	6,889,833	7,188,666
Hospitals	2,083,195	3,517,705	5,362,398	6,118,307	6,332,982	6,700,019	6,571,863	6,396,455
Other sources	927,183	1,523,490	2,440,485	2,598,329	2,762,175	2,840,526	3,290,042	3,920,169
Percentage distribution								
Total current-fund revenue	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Tuition and fees	35.9	37.8	39.4	39.7	40.2	40.9	41.4	41.5
Federal government	19.0	16.8	15.7	15.6	15.2	14.8	14.7	14.1
Appropriations	1.0	0.6	0.4	0.4	0.4	0.3	0.3	0.3
Unrestricted grants and contracts	2.7	2.4	2.2	2.1	2.1	2.2	2.2	2.3
Restricted grants and contracts ²	9.9	7.8	7.0	7.1	7.2	7.3	7.4	7.0
Independent operations (FFRDC) ³	5.4	6.0	6.0	5.9	5.5	4.9	4.8	4.5
State governments	1.9	2.0	2.3	2.5	2.3	2.0	2.1	1.9
Appropriations	1.2	1.0	0.7	0.5	0.4	0.4	0.3	0.3
Unrestricted grants and contracts	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2
Restricted grants and contracts	0.6	0.8	1.4	1.8	1.7	1.5	1.5	1.3
Local governments	0.8	0.6	0.7	0.7	0.7	0.8	0.6	0.7
Appropriations	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Unrestricted grants and contracts	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3
Restricted grants and contracts	0.6	0.5	0.6	0.5	0.6	0.7	0.5	0.5
Private gifts, grants, and contracts	9.4	9.5	8.8	8.5	8.7	8.8	9.0	9.5
Unrestricted	5.0	5.2	4.1	3.9	4.1	4.2	4.2	4.6
Restricted	4.4	4.2	4.7	4.6	4.5	4.6	4.8	4.9
Endowment income	5.2	5.4	5.3	4.9	4.8	4.7	4.8	5.3
Unrestricted	3.0	3.2	2.6	2.2	2.1	2.0	2.0	2.4
Restricted	2.2	2.2	2.7	2.7	2.7	2.7	2.8	2.9
Sales and services	23.5	23.7	23.3	23.7	23.6	23.7	22.6	21.6
Educational activities	2.1	2.2	2.5	2.7	2.9	3.0	2.9	2.8
Auxiliary enterprises	12.0	11.3	10.8	10.4	10.3	10.3	10.1	9.9
Hospitals	9.4	10.1	10.0	10.6	10.3	10.4	9.6	8.9
Other sources	4.2	4.4	4.5	4.5	4.5	4.4	4.8	5.4

¹ Preliminary data.

² Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

³ Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared January 1999.)

Table 328.—Current-fund revenue of institutions of higher education and degree-granting institutions, by source of funds: 1919–20 to 1995–96

[In thousands]

Year	Current-fund revenue	Student tuition and fees ¹	Federal government ²	State governments ³	Local governments	Endowment earnings	Private gifts and grants ⁴	Sales and services of educational activities	Auxiliary enterprises	Hospitals ⁵	Other current income
1	2	3	4	5	6	7	8	9	10	11	12
Higher education institutions											
1919–20	\$199,922	\$42,255	\$12,783	\$61,690	(⁶)	\$26,482	\$7,584	—	\$26,993	—	\$22,135
1929–30	554,511	144,126	20,658	150,847	(⁶)	68,605	26,172	—	60,419	—	83,684
1939–40	715,211	200,897	38,860	151,222	\$24,392	71,304	40,453	\$32,777	143,923	—	11,383
1949–50	2,374,645	394,610	524,319	491,636	61,700	96,341	118,627	111,987	511,265	—	64,160
1959–60	5,785,537	1,157,482	1,036,990	1,374,476	151,715	206,619	382,569	102,525	1,004,283	\$187,769	181,110
1969–70	21,515,242	4,419,845	4,130,066	5,873,626	778,162	516,038	1,129,438	612,777	2,900,390	619,578	535,323
1975–76	39,703,166	8,171,942	6,477,178	12,260,885	1,616,975	687,470	1,917,036	645,420	4,547,622	2,494,340	884,298
1976–77	43,436,827	9,024,932	7,169,031	13,285,684	1,626,908	764,788	2,105,070	779,058	4,919,602	2,859,376	902,377
1977–78	47,034,032	9,855,270	6,968,501	14,746,166	1,744,230	832,286	2,320,368	882,715	5,327,821	3,268,956	1,087,719
1978–79	51,837,789	10,704,171	7,851,326	16,363,784	1,573,018	985,242	2,489,366	1,037,130	5,741,309	3,763,453	1,328,991
1979–80	58,519,982	11,930,340	8,902,844	18,378,299	1,587,552	1,176,627	2,808,075	1,239,439	6,481,458	4,373,384	1,641,965
1980–81	65,584,789	13,773,259	9,747,586	20,106,222	1,790,740	1,364,443	3,176,670	1,409,730	7,287,290	4,980,346	1,948,503
1981–82	72,190,856	15,774,038	9,591,805	21,848,791	1,937,669	1,596,813	3,563,558	1,582,922	8,121,611	5,838,565	2,335,084
1982–83	77,595,726	17,776,041	9,631,097	23,065,636	2,031,353	1,720,677	4,052,649	1,723,484	8,769,521	6,531,562	2,293,706
1983–84	84,417,287	19,714,884	10,406,166	24,706,990	2,192,275	1,873,945	4,415,275	1,970,747	9,456,369	7,040,662	2,639,973
1984–85	92,472,694	21,283,329	11,509,125	27,583,011	2,387,212	2,096,298	4,896,325	2,126,927	10,100,410	7,474,575	3,015,483
1985–86	100,437,616	23,116,605	12,704,750	29,911,500	2,544,506	2,275,898	5,410,905	2,373,494	10,674,136	8,226,635	3,199,186
1986–87	108,809,827	25,705,827	13,904,049	31,309,303	2,799,321	2,377,958	5,952,682	2,641,906	11,364,188	9,277,834	3,476,760
1987–88	117,340,109	27,836,781	14,771,954	33,517,166	3,006,263	2,586,441	6,359,282	2,918,090	11,947,778	10,626,566	3,769,787
1988–89	128,501,638	30,806,566	15,893,978	36,031,208	3,363,676	2,914,396	7,060,730	3,315,620	12,855,580	11,991,265	4,268,618
1989–90	139,635,477	33,926,060	17,254,874	38,349,239	3,639,902	3,143,696	7,781,422	3,632,100	13,938,469	13,216,664	4,753,051
1990–91	149,766,051	37,434,462	18,236,082	39,480,874	3,931,239	3,268,629	8,361,265	4,054,703	14,903,127	15,149,672	4,945,998
1991–92	161,395,896	41,559,037	19,833,317	40,586,907	4,159,876	3,442,009	8,977,271	4,520,890	15,758,599	17,240,338	5,317,651
1992–93	170,880,503	45,346,071	21,014,564	41,247,955	4,444,875	3,627,773	9,659,977	5,037,901	16,662,850	18,124,015	5,714,523
1993–94	179,226,601	48,646,538	22,076,385	41,910,288	4,998,306	3,669,536	10,203,062	5,294,030	17,537,514	18,959,776	5,931,167
1994–95	189,120,570	51,506,876	23,243,172	44,343,012	5,165,961	3,988,217	10,866,749	5,603,251	18,336,094	19,100,217	6,967,023
1995–96 ⁷	197,414,848	54,725,982	23,879,098	45,621,627	5,589,988	4,570,933	11,942,987	5,552,907	18,861,585	18,672,680	7,997,061
Degree-granting institutions ⁸											
1995–96 ⁷	197,973,236	55,260,293	23,939,075	45,692,673	5,607,909	4,562,171	11,903,126	5,530,763	18,867,540	18,611,570	7,998,116

¹ Tuition and fees received from veterans under Public Law 550 are reported under student fees and are not under income from the federal government.

² Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

³ Includes federal aid received through state channels and regional compacts, through 1959–60.

⁴ Beginning in 1969–70, the private grants represent nongovernmental revenue for sponsored research, student aid, and other sponsored programs.

⁵ Prior to 1959–60, data for hospitals are included under sales and services of educational activities.

⁶ Income from state and local governments tabulated under "State governments."

⁷ Preliminary data.

⁸ Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not available.

NOTE.—Data for years prior to 1969–70 are not entirely comparable with data for later years. Also, some details for 1969–70 are not directly comparable with data for later years. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 329.—Revenue of degree-granting institutions, by source of funds, and by control and type of institution: 1995–96¹

Control and type of institution	Current-fund revenue	Student tuition and fees ²	Federal government ³	State governments	Local governments	Private gifts and grants	Endowment earnings	Educational activities	Auxiliary enterprises	Hospitals	Other current income
1	2	3	4	5	6	7	8	9	10	11	12
In thousands											
Total	\$197,973,236	\$55,260,293	\$23,939,075	\$45,692,673	\$5,607,909	\$11,903,126	\$4,562,171	\$5,530,763	\$18,867,540	\$18,611,570	\$7,998,116
Public	123,501,152	23,257,454	13,672,467	44,242,546	5,074,511	5,089,344	721,079	3,528,610	11,595,408	12,275,778	4,043,955
Research I universities ⁴	45,852,598	6,987,745	6,947,554	12,900,110	265,733	2,783,156	455,956	1,881,408	4,508,912	7,868,627	1,253,397
Research II universities ⁴	7,435,932	1,734,166	850,568	2,947,146	16,689	392,881	60,092	239,868	997,861	0	196,660
Doctoral universities	13,095,143	3,075,536	1,123,412	5,481,957	141,922	597,166	93,975	290,084	1,527,466	28,016	735,610
Master's	19,859,470	5,432,628	1,085,117	9,175,109	141,683	402,474	42,421	334,154	2,548,088	213,992	483,804
Baccalaureate	2,614,689	819,012	169,645	1,119,902	20,952	69,393	5,954	32,710	323,686	0	53,433
Associate of arts	22,390,650	4,737,100	1,202,053	9,726,884	4,310,097	219,693	22,723	148,172	1,321,780	0	702,148
Specialized institutions ⁵	12,153,717	461,503	2,229,198	2,886,555	173,129	619,622	37,957	601,410	364,726	4,165,143	614,474
Health and medicine	10,321,242	307,002	1,092,398	2,626,054	148,363	595,699	37,060	595,787	240,458	4,095,711	582,711
Engineering	210,784	49,143	14,598	110,015	9	10,195	436	3,357	16,676	0	6,354
Business	29,189	6,881	1,143	16,022	25	574	20	2,008	2,260	0	256
Fine arts	124,753	31,786	825	38,374	20,422	1,677	15	89	13,149	0	18,418
Other specialized	1,467,749	66,692	1,120,235	96,090	4,310	11,476	426	169	92,183	69,432	6,736
Tribal colleges ⁶	98,952	9,763	64,918	4,883	4,307	4,958	2,003	804	2,889	0	4,428
4-year	22,357	1,555	16,263	416	14	1,520	1,137	58	281	0	1,113
2-year	76,595	8,208	48,655	4,467	4,293	3,438	866	745	2,608	0	3,315
Private	74,472,083	32,002,839	10,266,608	1,450,127	533,398	6,813,782	3,841,091	2,002,153	7,272,132	6,335,792	3,954,162
Research I universities ⁴	28,660,156	6,536,105	7,614,907	308,927	227,917	2,751,160	1,660,623	1,535,736	1,865,321	4,780,755	1,378,705
Research II universities ⁴	4,223,996	1,631,549	363,920	33,859	696	441,760	247,042	19,262	583,118	744,305	158,486
Doctoral universities	6,716,799	3,828,444	467,146	159,855	10,560	475,027	281,992	158,168	648,935	109,900	576,771
Master's	10,766,428	7,160,907	482,107	267,073	5,147	672,409	289,055	145,176	1,383,871	9,664	351,019
Baccalaureate	13,844,720	8,106,824	427,024	346,823	9,828	1,299,133	967,274	39,381	2,165,122	0	483,311
Associate of arts	2,126,183	1,575,989	84,814	115,617	9,421	97,686	20,570	15,123	135,206	811	70,946
Specialized institutions ⁵	8,100,221	3,159,368	803,441	216,598	269,828	1,074,991	374,365	89,285	489,983	690,359	932,005
Religion and theology	1,065,614	325,057	15,206	5,353	1,789	367,175	150,378	6,318	141,526	424	52,388
Health and medicine	4,120,600	787,812	715,469	139,812	264,667	504,006	86,667	53,510	114,464	689,362	764,829
Engineering	410,164	231,960	29,620	9,844	325	48,781	30,136	2,263	30,511	0	26,723
Business	1,073,672	776,928	14,374	36,375	17	48,388	16,204	18,951	117,798	0	44,635
Fine arts	857,648	614,559	16,863	18,542	1,499	71,030	41,239	3,032	66,516	0	24,368
Other specialized	572,525	423,052	11,909	6,672	1,531	35,610	49,741	5,210	19,168	572	19,061
Tribal colleges ⁶	33,580	3,652	23,249	1,375	0	1,616	171	22	576	0	2,918
4-year	12,692	1,803	8,402	438	0	942	0	22	249	0	836
2-year	20,888	1,849	14,847	937	0	674	171	0	327	0	2,082
Percentage distribution											
Total	100.00	27.91	12.09	23.08	2.83	6.01	2.30	2.79	9.53	9.40	4.04
Public	100.00	18.83	11.07	35.82	4.11	4.12	0.58	2.86	9.39	9.94	3.27
Research I universities ⁴	100.00	15.24	15.15	28.13	0.58	6.07	0.99	4.10	9.83	17.16	2.73
Research II universities ⁴	100.00	23.32	11.44	39.63	0.22	5.28	0.81	3.23	13.42	0.00	5.64
Doctoral universities	100.00	23.49	8.58	41.86	1.08	4.56	0.72	2.22	11.66	0.21	2.62
Master's	100.00	27.36	5.46	46.20	0.71	2.03	0.21	1.68	12.83	1.08	2.44
Baccalaureate	100.00	31.32	6.49	42.83	0.80	2.65	0.23	1.25	12.38	0.00	2.04
Associate of arts	100.00	21.16	5.37	43.44	19.25	0.98	0.10	0.66	5.90	0.00	3.14
Specialized institutions ⁵	100.00	3.80	18.34	23.75	1.42	5.10	0.31	4.95	3.00	34.27	5.06
Health and medicine	100.00	2.97	10.58	25.44	1.44	5.77	0.36	5.77	2.33	39.68	5.65
Engineering	100.00	23.31	6.93	52.19	0.00	4.84	0.21	1.59	7.91	0.00	3.01
Business	100.00	23.57	3.92	54.89	0.09	1.97	0.07	6.88	7.74	0.00	0.88
Fine arts	100.00	25.48	0.66	30.76	16.37	1.34	0.01	0.07	10.54	0.00	14.76
Other specialized	100.00	4.54	76.32	6.55	0.29	0.78	0.03	0.01	6.28	4.73	0.46
Tribal colleges ⁶	100.00	9.87	65.61	4.93	4.35	5.01	2.02	0.81	2.92	0.00	4.47
4-year	100.00	6.96	72.74	1.86	0.06	6.80	5.09	0.26	1.26	0.00	4.98
2-year	100.00	10.72	63.52	5.83	5.60	4.49	1.13	0.97	3.40	0.00	4.33
Private	100.00	42.97	13.79	1.95	0.72	9.15	5.16	2.69	9.76	8.51	5.31
Research I universities ⁴	100.00	22.81	26.57	1.08	0.80	9.60	5.79	5.36	6.51	16.68	4.81
Research II universities ⁴	100.00	38.63	8.62	0.02	0.02	10.46	5.85	0.46	13.80	17.62	3.75
Doctoral universities	100.00	57.00	6.95	2.38	0.16	7.07	4.20	2.35	9.66	1.64	8.59
Master's	100.00	66.51	4.48	2.48	0.05	6.25	2.68	1.35	12.85	0.09	3.26
Baccalaureate	100.00	58.56	3.08	2.51	0.07	9.38	6.99	0.28	15.64	0.00	3.49
Associate of arts	100.00	74.12	3.99	5.44	0.44	4.59	0.97	0.71	6.36	0.04	3.34
Specialized institutions ⁵	100.00	39.00	9.92	2.67	3.33	13.27	4.62	1.10	6.05	8.52	11.51
Religion and theology	100.00	30.50	1.43	0.50	0.17	34.46	14.11	0.59	13.28	0.04	4.92
Health and medicine	100.00	19.12	17.36	3.39	6.42	12.23	2.10	1.30	2.78	16.73	18.56
Engineering	100.00	56.55	7.22	2.40	0.08	11.89	7.35	0.55	7.44	0.00	6.52
Business	100.00	72.36	1.34	3.39	0.00	4.51	1.51	1.77	10.97	0.00	4.16
Fine arts	100.00	71.66	1.97	2.16	0.17	8.28	4.81	0.35	7.76	0.00	2.84
Other specialized	100.00	73.89	2.08	1.17	0.27	6.22	8.69	0.91	3.35	0.10	3.33
Tribal colleges ⁶	100.00	10.88	69.24	4.09	0.00	4.81	0.51	0.07	1.72	0.00	8.69
4-year	100.00	14.20	66.20	3.45	0.00	7.42	0.00	0.18	1.96	0.00	6.59
2-year	100.00	8.85	71.08	4.49	0.00	3.23	0.82	0.00	1.56	0.00	9.97

¹ Preliminary data.

² Includes federally supported aid received through students.

³ Includes appropriations, grants, contracts, and revenues associated with major federally funded research and development centers (FFRDC). Excludes Pell Grants.

⁴ Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive \$40 million or more annually in federal support. Research II institutions receive between \$15.5 million and \$40 million annually.

⁵ Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

⁶ Tribally controlled colleges are located on reservations and are members of the American Indian Higher Education Consortium.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1995–96" survey. (This table was prepared November 1998.)

Table 330.—Current-fund revenue of public institutions of higher education and degree-granting institutions, by state, 1980–81 to 1995–96
[In thousands of dollars]

State	Institutions of higher education									Percent change, 1990–91 to 1995–96	Degree-granting institutions, 1995–96 ²
	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹		
1	2	3	4	5	6	7	8	9	10	11	12
United States	\$43,195,617	\$65,004,632	\$88,911,433	\$94,904,506	\$102,202,890	\$108,186,484	\$112,968,097	\$119,312,493	\$123,378,526	30.0	\$123,501,152
Alabama	889,121	1,401,693	1,926,148	2,131,005	2,296,665	2,521,938	2,614,224	2,805,154	2,852,401	33.9	2,852,401
Alaska	159,446	221,837	270,926	291,826	304,857	323,740	342,624	344,877	357,215	22.4	357,215
Arizona	719,835	1,049,493	1,483,996	1,596,710	1,655,873	1,677,711	1,834,035	1,931,523	2,037,986	27.6	2,046,890
Arkansas	350,597	539,185	781,375	818,079	920,699	995,482	1,036,610	1,113,954	1,210,768	48.0	1,239,571
California	5,906,729	8,739,396	11,776,298	12,281,700	13,628,928	14,262,239	13,868,703	14,558,144	14,716,907	19.8	14,726,206
Colorado	747,040	1,085,076	1,390,413	1,483,901	1,594,541	1,714,698	1,803,735	1,914,233	2,027,721	36.6	2,027,721
Connecticut	378,527	578,866	833,154	889,831	940,067	976,380	1,020,170	1,148,389	1,179,290	32.5	1,177,959
Delaware	168,522	251,677	354,322	388,635	433,186	446,768	471,017	496,696	505,678	30.1	505,678
District of Columbia	66,138	84,144	96,906	95,729	100,038	98,170	99,749	103,770	100,393	4.9	105,037
Florida	1,202,788	1,810,090	2,812,644	2,944,935	3,049,929	3,202,499	3,411,727	3,584,085	3,790,131	28.7	3,777,158
Georgia	765,826	1,267,472	1,794,990	1,953,866	2,042,825	2,268,331	2,494,263	2,760,323	3,000,258	53.6	2,878,818
Hawaii	219,633	316,246	433,164	497,495	579,805	594,752	628,043	651,282	560,760	12.7	560,760
Idaho	169,274	235,507	320,119	359,710	396,173	416,359	456,107	492,918	538,173	49.6	545,766
Illinois	1,809,981	2,560,241	3,370,011	3,566,406	3,659,328	3,924,599	4,100,967	4,360,136	4,542,868	27.4	4,542,868
Indiana	1,094,560	1,701,421	2,302,583	2,494,029	2,767,477	2,882,592	3,009,908	3,080,345	2,857,055	14.6	2,857,055
Iowa	784,950	1,109,681	1,653,221	1,775,267	1,827,776	1,930,399	2,014,244	2,106,504	2,231,113	25.7	2,231,113
Kansas	594,104	864,119	1,174,759	1,219,129	1,297,129	1,350,052	1,469,872	1,553,593	1,606,739	31.8	1,618,071
Kentucky	671,414	943,068	1,283,778	1,450,958	1,565,021	1,576,644	1,656,119	1,778,568	1,881,064	29.6	1,881,064
Louisiana	735,374	1,055,941	1,301,127	1,447,772	1,553,258	1,821,190	1,844,187	1,968,669	1,937,787	33.8	1,998,340
Maine	157,370	222,624	352,024	373,770	375,512	384,730	398,639	400,426	410,472	9.8	413,730
Maryland	818,850	1,144,230	1,638,822	1,777,841	1,745,479	1,913,029	1,984,038	2,074,521	2,227,596	25.3	2,227,596
Massachusetts	582,873	1,075,348	1,429,770	1,457,142	1,525,943	1,639,854	1,491,921	1,586,319	1,684,869	15.6	1,691,648
Michigan	2,094,394	3,071,172	4,322,956	4,648,488	5,127,892	5,329,224	5,529,883	5,798,882	6,047,686	30.1	6,047,686
Minnesota	894,236	1,373,436	1,916,297	2,080,637	2,261,978	2,363,483	2,494,341	2,671,566	2,781,726	33.7	2,786,053
Mississippi	543,209	734,813	956,300	1,053,448	1,054,530	1,150,201	1,215,602	1,443,162	1,488,765	48.1	1,500,350
Missouri	717,626	1,032,685	1,416,556	1,517,071	1,566,480	1,698,594	1,805,266	1,978,783	2,095,143	38.1	2,100,852
Montana	123,933	181,462	227,403	258,189	334,243	349,102	362,905	385,984	414,843	60.7	414,843
Nebraska	390,372	554,814	787,282	870,289	941,062	989,156	1,033,731	1,124,836	1,216,869	39.8	1,216,869
Nevada	113,298	184,883	286,719	336,841	368,245	392,258	412,884	484,276	492,276	46.1	492,276
New Hampshire	131,990	190,462	275,121	304,315	324,186	348,839	373,498	391,619	412,456	35.5	412,456
New Jersey	917,143	1,446,098	2,253,830	2,413,530	2,610,949	2,745,100	2,920,767	3,106,652	3,189,439	32.1	3,189,439
New Mexico	334,392	473,716	858,989	944,248	1,056,819	1,125,366	1,190,519	1,316,934	1,356,644	43.7	1,369,513
New York	2,519,437	3,830,119	5,014,789	5,424,379	5,616,604	6,117,555	6,574,152	6,887,321	6,861,111	26.5	6,861,111
North Carolina	1,146,931	1,857,124	2,480,396	2,650,124	2,873,684	3,113,193	3,299,213	3,521,601	3,640,409	37.4	3,640,409
North Dakota	196,267	365,089	577,960	677,460	411,293	431,361	431,361	467,926	445,128	17.8	445,128
Ohio	1,828,079	2,824,411	3,871,477	4,184,621	4,484,576	4,628,902	4,895,812	4,976,134	4,975,749	18.9	4,982,846
Oklahoma	588,936	873,446	997,781	1,072,967	1,190,393	1,209,863	1,257,552	1,300,779	1,382,711	28.9	1,382,711
Oregon	647,391	899,709	1,242,595	1,358,244	1,523,505	1,615,882	1,687,205	1,816,031	1,891,391	39.3	1,891,391
Pennsylvania	1,575,104	2,473,794	3,511,535	3,692,745	4,153,483	4,262,533	4,423,633	4,684,460	5,017,535	35.9	5,017,535
Rhode Island	156,451	213,859	291,376	292,404	308,383	325,003	329,277	344,171	354,437	21.2	354,437
South Carolina	630,966	957,771	1,333,941	1,502,709	1,629,876	1,733,468	1,924,747	1,997,203	1,960,481	30.5	1,960,481
South Dakota	127,839	147,699	184,954	198,583	219,751	241,536	260,907	260,853	266,880	34.4	297,342
Tennessee	675,770	1,104,118	1,556,416	1,634,491	1,672,605	1,839,384	1,961,312	2,053,495	2,110,517	29.1	2,111,127
Texas	2,858,725	4,558,275	5,777,100	6,015,609	6,664,828	7,126,068	7,688,388	8,123,435	8,775,323	45.9	8,779,578
Utah	431,294	686,817	960,027	1,020,836	1,160,882	1,224,127	1,307,681	1,402,962	1,489,664	45.9	1,489,664
Vermont	127,337	191,559	267,178	281,526	298,524	305,477	316,905	329,679	341,988	21.5	341,988
Virginia	1,159,453	1,876,151	2,736,307	2,902,939	3,041,850	3,176,437	3,323,028	3,483,691	3,609,275	24.3	3,609,275
Washington	998,146	1,445,849	1,966,838	2,188,366	2,355,445	2,539,934	2,744,035	2,877,386	3,004,118	37.3	3,040,757
West Virginia	318,915	385,170	502,436	563,796	608,294	631,619	666,268	693,159	733,332	30.1	734,283
Wisconsin	1,228,414	1,761,927	2,343,203	2,487,501	2,629,388	2,775,635	2,954,564	3,033,547	3,105,328	24.8	3,108,030
Wyoming	140,520	208,595	237,093	251,760	271,290	270,515	278,270	293,209	298,526	18.6	298,526
U.S. Service Schools ..	586,095	920,790	1,188,896	1,128,158	1,181,348	1,204,411	1,253,468	1,248,328	1,361,895	20.7	1,361,895
Outlying areas	242,380	451,734	573,106	557,655	665,323	704,076	589,470	750,676	836,541	50.0	831,925
American Samoa	1,305	2,413	3,585	3,939	4,057	4,428	4,610	4,817	13,880	252.3	13,880
Federated States of Micronesia	—	—	1,842	2,063	2,078	3,453	3,932	6,517	8,496	311.7	8,496
Guam	14,291	31,139	50,411	61,667	70,658	74,928	68,198	71,873	65,710	6.6	65,710
Marshall Islands	—	—	—	—	3,798	1,111	2,176	1,633	1,685	—	1,685
Northern Marianas	—	1,350	791	1,458	1,715	2,462	3,511	12,174	15,792	983.0	15,792
Palau	—	—	4,038	4,100	3,948	5,133	4,762	4,083	3,900	-4.9	3,900
Puerto Rico	213,012	392,194	487,133	428,768	518,747	581,128	468,739	615,912	691,409	61.3	686,792
Trust Territory of the Pacific	1,669	5,681	—	—	—	—	—	—	—	—	—
Virgin Islands	12,103	18,957	25,307	55,659	60,322	31,432	33,542	33,668	35,669	-35.9	35,669

¹ Preliminary data.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not available or not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institu-

tions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared March 1999.)

Table 331.—Current-fund revenue of public degree-granting institutions, by source of funds and state: 1995–96¹
 [In thousands of dollars]

State	Total	Tuition and fees	Federal appropriations, grants, and contracts ²	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private grants, and contracts	Endowment income	Auxiliary enterprises	Hospitals	Educational activities and other
1	2	3	4	5	6	7	8	9	10	11
United States	\$123,501,152	\$23,257,454	\$13,672,467	\$44,242,546	\$5,074,511	\$5,089,344	\$721,079	\$11,595,408	\$12,275,778	\$7,572,564
Alabama	2,852,401	422,162	329,268	910,821	12,774	94,439	22,368	199,804	708,660	152,105
Alaska	357,215	48,965	47,811	184,926	1,537	16,119	4,354	21,404	0	32,098
Arizona	2,046,890	446,910	283,416	717,882	227,935	101,063	4,576	184,578	0	80,530
Arkansas	1,239,571	170,198	103,826	482,995	2,549	30,698	1,877	97,111	290,677	59,640
California	14,726,206	1,946,651	1,447,361	5,364,254	1,539,469	466,487	72,189	884,446	1,801,345	1,204,003
Colorado	2,027,721	558,587	379,708	562,522	31,803	94,370	10,003	250,515	14,247	125,966
Connecticut	1,177,959	244,852	81,541	485,531	2	25,581	191	81,549	196,741	61,971
Delaware	505,678	176,218	47,397	135,563	18,845	17,897	20,897	69,173	0	19,687
District of Columbia	105,037	12,681	6,879	0	75,446	755	820	656	0	7,799
Florida	3,777,158	643,509	361,659	2,041,106	3,430	182,621	122	347,172	0	197,539
Georgia	2,878,818	442,426	283,325	1,401,323	22,406	143,057	3,330	254,768	250,147	78,033
Hawaii	560,760	66,979	113,314	291,598	637	19,665	1,886	55,775	0	10,907
Idaho	545,766	95,044	66,841	246,420	11,116	22,528	11,010	62,790	0	30,016
Illinois	4,542,868	821,903	416,940	1,593,582	431,393	148,347	4,660	454,316	271,423	400,304
Indiana	2,857,055	707,374	245,947	1,041,265	2,874	132,223	6,928	510,658	0	209,785
Iowa	2,231,113	325,677	293,127	675,733	31,053	74,743	3,358	233,981	436,158	157,282
Kansas	1,618,071	281,686	140,493	561,416	127,349	41,348	34,298	126,427	201,750	103,304
Kentucky	1,881,064	322,127	129,500	745,011	7,571	66,550	12,450	144,610	253,189	200,055
Louisiana	1,998,340	385,661	141,488	749,542	15,448	55,113	4,502	228,815	158,532	259,238
Maine	413,730	98,845	38,181	176,932	150	16,287	2,680	52,369	0	28,285
Maryland	2,227,596	559,473	262,120	793,161	140,585	84,244	6,719	265,687	0	115,607
Massachusetts	1,691,648	498,490	153,230	724,892	10,531	48,027	1,554	183,495	6,092	65,337
Michigan	6,047,686	1,389,680	624,085	1,648,531	233,291	320,338	38,372	631,299	868,828	293,261
Minnesota	2,786,053	484,686	290,132	994,185	2,511	213,422	7,832	267,339	369,987	155,958
Mississippi	1,500,350	221,330	161,794	621,888	35,514	37,300	1,461	153,150	205,265	62,648
Missouri	2,100,852	481,379	123,550	724,349	74,785	78,092	12,692	201,668	230,915	173,421
Montana	414,843	96,889	71,519	132,339	4,124	16,976	516	57,404	0	35,074
Nebraska	1,216,869	152,686	132,136	393,822	59,522	53,128	3,078	129,766	244,850	47,882
Nevada	492,276	81,588	55,200	244,157	6,961	25,634	2,364	43,924	0	32,449
New Hampshire	412,456	163,490	38,789	87,273	2,452	20,450	2,192	80,700	0	17,111
New Jersey	3,189,439	685,731	201,708	1,207,942	164,063	96,628	13,225	250,677	382,962	186,502
New Mexico	1,369,513	117,418	248,205	463,473	49,249	69,426	12,901	87,057	227,577	94,207
New York	6,861,111	1,600,781	516,413	2,624,410	465,633	272,804	13,723	417,880	793,132	156,334
North Carolina	3,640,049	418,900	426,178	1,741,318	83,757	175,561	25,755	659,884	0	108,697
North Dakota	445,128	91,813	76,171	143,788	685	24,416	2,607	68,198	214	37,236
Ohio	4,982,846	1,364,964	327,456	1,599,547	129,006	210,341	45,987	495,799	573,353	236,391
Oklahoma	1,382,711	226,452	205,622	604,725	18,836	49,509	3,209	216,990	0	57,369
Oregon	1,891,391	337,755	255,654	478,915	99,424	121,309	2,594	177,776	312,935	105,030
Pennsylvania	5,017,535	1,410,114	513,432	1,219,422	86,585	220,138	40,037	498,576	779,089	250,140
Rhode Island	354,437	115,367	43,841	127,561	0	6,071	0	47,781	0	13,816
South Carolina	1,960,481	366,369	177,459	662,357	28,474	69,703	2,502	187,447	400,577	65,594
South Dakota	297,342	72,112	38,370	121,145	2,376	9,993	1,151	30,177	0	22,018
Tennessee	2,111,127	333,262	172,386	891,501	14,777	100,752	14,821	182,183	305,736	95,708
Texas	8,779,578	1,328,120	898,808	3,742,170	433,667	372,938	160,923	567,359	286,429	989,165
Utah	1,489,664	196,963	188,104	437,418	32,240	48,841	11,984	116,519	267,239	190,356
Vermont	341,988	149,199	40,785	48,474	62	26,920	4,897	39,035	0	32,617
Virginia	3,609,275	778,303	303,202	927,914	12,048	190,137	34,584	486,855	799,000	77,233
Washington	3,040,757	541,393	496,527	1,041,168	25,093	154,670	11,829	350,611	264,081	155,386
West Virginia	734,283	177,456	72,994	344,360	1,770	28,346	0	84,657	0	24,699
Wisconsin	3,108,030	554,169	360,387	948,994	278,032	158,991	15,574	239,038	305,214	247,631
Wyoming	298,526	42,089	34,314	132,929	14,668	22,625	3,496	39,267	0	9,138
U.S. Service Schools	1,361,895	574	1,203,873	0	0	11,722	0	76,294	69,432	0
Outlying areas	831,925	83,717	64,402	609,894	24,245	10,868	1,824	14,287	0	22,686
American Samoa	13,880	807	891	1,663	9,443	0	0	235	0	841
Federated States of										
Micronesia	8,496	2,788	1,869	67	2,978	239	0	499	0	55
Guam	65,710	7,441	5,897	34,284	10,118	1,057	1,445	2,648	0	2,819
Marshall Islands	1,685	540	715	324	0	12	13	69	0	12
Northern Marianas	15,792	2,058	3,943	9,477	16	15	0	0	0	283
Palau	3,900	937	600	2,040	0	0	0	203	0	119
Puerto Rico	686,792	63,757	45,451	544,143	67	8,014	113	7,006	0	18,241
Virgin Islands	35,669	5,389	5,035	17,896	1,623	1,530	253	3,627	0	316

¹ Preliminary data.

² Includes independent operations (federally funded research and development centers).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" survey. (This table was prepared October 1998.)

NOTE.—Because of rounding, details may not add to totals.

Table 332.—Current-fund revenue of public institutions of higher education, by source of funds and state: 1994–95
 [In thousands of dollars]

State	Total	Tuition and fees	Federal appropriations, grants, and contracts ¹	State appropriations, grants, and contracts	Local appropriations, grants, and contracts	Private grants, and contracts	Endowment income	Auxiliary enterprises	Hospitals	Educational activities and other
1	2	3	4	5	6	7	8	9	10	11
United States	\$119,312,493	\$21,908,104	\$13,191,843	\$42,854,681	\$4,756,884	\$4,737,529	\$693,313	\$11,373,646	\$12,527,982	\$7,268,511
Alabama	2,805,154	394,846	288,564	932,269	12,827	108,873	20,115	196,402	688,581	162,677
Alaska	344,877	44,282	53,125	183,183	1,484	8,751	4,424	20,965	0	28,663
Arizona	1,931,523	417,437	289,468	677,981	207,387	94,965	4,951	172,181	0	67,154
Arkansas	1,113,954	157,945	86,617	428,995	4,836	28,841	1,561	91,823	262,342	48,995
California	14,558,144	1,925,425	1,488,730	5,136,791	1,436,249	467,666	93,966	977,893	1,786,356	1,245,068
Colorado	1,914,233	529,501	361,312	513,024	31,058	93,448	7,550	242,308	21,697	114,336
Connecticut	1,148,389	240,963	73,453	483,674	3	28,729	29	85,554	188,246	47,738
Delaware	496,696	168,566	45,589	144,038	6,404	18,424	19,594	63,401	0	30,680
District of Columbia	103,770	10,834	7,198	0	76,822	509	745	686	0	6,976
Florida	3,584,085	630,396	334,083	1,945,909	9,406	170,314	451	339,537	0	153,988
Georgia	2,760,323	421,658	259,024	1,353,550	24,990	142,696	3,383	234,879	243,834	76,310
Hawaii	651,282	49,393	118,703	400,248	866	15,809	1,907	55,564	0	8,792
Idaho	492,918	81,763	40,966	233,397	10,199	24,089	8,526	61,439	0	32,540
Illinois	4,360,136	785,264	411,547	1,526,511	415,509	128,261	4,540	439,042	290,289	359,172
Indiana	3,080,345	667,290	245,079	997,241	2,485	131,184	8,592	505,492	337,027	185,956
Iowa	2,106,504	306,259	291,733	644,529	28,206	67,431	1,189	211,661	408,107	147,390
Kansas	1,553,593	270,928	136,406	534,983	123,932	35,890	33,176	126,387	205,404	86,487
Kentucky	1,778,568	308,502	126,816	723,541	6,689	43,558	10,457	140,923	254,025	164,056
Louisiana	1,968,669	361,178	131,191	722,746	4,842	52,884	3,788	215,840	233,197	243,002
Maine	400,426	95,166	37,732	170,016	54	14,937	2,409	52,293	0	27,819
Maryland	2,074,521	533,817	231,506	746,749	135,183	84,204	5,402	245,288	0	92,372
Massachusetts	1,586,319	489,187	146,036	657,970	7,640	47,221	2,901	169,164	6,253	59,947
Michigan	5,798,882	1,324,433	576,638	1,549,814	270,342	280,757	31,474	789,543	693,849	282,031
Minnesota	2,671,566	452,163	281,445	944,101	12,140	204,456	10,967	228,265	349,949	188,079
Mississippi	1,443,162	211,749	167,756	577,021	33,999	41,484	917	154,065	193,866	62,305
Missouri	1,978,783	445,292	116,570	672,581	70,403	77,159	11,273	191,918	225,693	167,896
Montana	385,984	83,962	65,963	127,456	5,349	14,694	260	55,565	0	32,736
Nebraska	1,124,836	143,020	123,956	376,415	55,893	54,094	3,656	116,648	207,068	44,087
Nevada	484,276	74,680	52,260	245,977	6,989	27,855	1,468	46,037	0	29,010
New Hampshire	391,619	158,519	37,003	85,739	2,200	17,933	2,178	72,833	0	15,214
New Jersey	3,106,652	638,453	200,184	1,178,646	166,050	93,456	11,405	236,490	412,290	169,677
New Mexico	1,316,934	111,777	248,072	435,562	45,947	60,926	12,343	91,238	232,906	78,162
New York	6,887,321	1,353,229	511,853	2,936,415	400,559	268,175	16,413	411,486	821,039	168,152
North Carolina	3,521,601	395,357	410,645	1,719,471	80,338	160,493	24,455	568,919	0	161,922
North Dakota	467,926	90,081	69,312	152,737	10,617	9,330	2,647	84,185	13,076	35,941
Ohio	4,976,134	1,316,933	338,914	1,496,777	106,878	210,032	43,812	469,762	772,301	220,725
Oklahoma	1,300,779	212,190	182,377	588,246	16,827	46,596	2,463	206,153	0	45,927
Oregon	1,816,031	310,600	263,044	480,700	108,039	83,535	5,226	166,731	311,672	86,484
Pennsylvania	4,684,460	1,337,745	504,383	1,185,305	86,983	187,252	37,900	476,893	679,862	188,138
Rhode Island	344,171	113,798	40,573	123,733	0	4,928	0	47,155	0	13,984
South Carolina	1,997,203	349,249	177,590	632,927	25,902	73,937	2,718	182,026	492,824	60,029
South Dakota	260,853	61,618	35,396	104,922	17	8,661	1,038	31,226	0	17,974
Tennessee	2,053,495	316,665	177,565	867,689	14,391	91,514	14,222	173,029	304,376	94,043
Texas	8,123,435	1,173,143	833,823	3,444,421	337,615	343,462	140,806	548,766	269,625	1,031,775
Utah	1,402,962	185,596	178,645	414,059	26,961	39,222	10,343	111,192	256,821	180,124
Vermont	329,679	141,177	39,285	47,322	114	26,386	4,785	37,632	0	32,979
Virginia	3,483,691	759,433	304,650	920,807	27,942	169,963	30,181	445,412	755,757	69,546
Washington	2,877,386	512,285	472,037	988,475	19,136	141,288	11,783	353,953	246,295	132,135
West Virginia	693,159	175,146	66,256	326,596	2,012	18,004	0	84,271	0	20,874
Wisconsin	3,033,547	527,641	361,851	945,078	261,078	145,071	16,156	230,519	306,372	239,782
Wyoming	293,209	40,987	37,985	128,346	15,093	20,514	2,768	38,853	0	8,662
U.S. Service Schools	1,248,328	583	1,108,932	0	0	7,667	0	74,163	56,982	0
Outlying areas	750,676	75,136	65,845	548,747	19,394	8,397	750	12,892	0	19,515
American Samoa	4,817	81	2,114	2,622	0	0	0	0	0	0
Federated States of Micronesia	6,517	3,061	299	50	2,470	70	8	506	0	53
Guam	71,873	6,947	7,095	39,743	11,761	896	509	2,759	0	2,162
Marshall Islands	1,633	521	697	313	0	11	12	67	0	11
Northern Marianas	12,174	2,357	3,020	6,388	146	0	0	38	0	225
Palau	4,083	781	522	1,993	0	0	0	598	0	189
Puerto Rico	615,912	56,847	47,348	480,551	2,680	5,807	0	6,148	0	16,532
Virgin Islands	33,668	4,542	4,750	17,087	2,336	1,613	220	2,777	0	343

¹ Includes independent operations (federally funded research and development centers).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance" survey. (This table was prepared July 1997.)

NOTE.—Because of rounding, details may not add to totals.

Table 333.—Current-fund revenue from state and local governments of institutions of higher education and degree-granting institutions, by state: 1985–86 to 1995–96
[In thousands]

State	Current-fund revenue from state and local governments for institutions of higher education					Current-fund revenue from state and local governments for degree-granting institutions, 1995–96 ²					
	1985–86	1990–91	1993–94	1994–95	1995–96 ¹	Total	State appropriations for public institutions	Local appropriations for public institutions	State and local appropriations for private institutions	State and local grants and contracts for public institutions	State and local grants and contracts for private institutions
1	2	3	4	5	6	7	8	9	10	11	12
United States³	\$32,456,006	\$43,412,081	\$46,908,594	\$49,508,974	\$51,211,615	\$51,300,582	\$40,081,437	\$4,397,098	\$245,507	\$4,838,522	\$1,738,018
Alabama	656,823	758,900	849,967	956,058	932,994	933,041	879,680	4,736	4,804	39,178	4,643
Alaska	159,781	175,938	186,305	184,683	186,469	186,469	171,580	693	0	14,190	5
Arizona	539,054	768,654	817,274	885,484	941,265	947,411	691,335	217,426	0	37,057	1,594
Arkansas	266,898	332,367	415,536	436,261	468,365	487,917	437,257	2,524	0	45,764	2,373
California	4,943,659	6,628,037	6,411,115	6,620,028	6,941,662	6,954,655	4,811,297	1,353,630	337	738,796	50,596
Colorado	391,468	510,649	521,088	550,059	601,294	601,791	497,663	28,786	0	67,876	7,466
Connecticut	280,012	406,306	411,711	517,270	519,140	518,510	462,183	0	5,886	23,350	27,091
Delaware	88,661	124,881	140,191	150,656	154,637	154,637	107,968	12,379	0	34,061	229
District of Columbia	71,761	84,471	77,727	81,762	77,794	79,705	0	68,257	0	7,189	4,259
Florida	1,172,112	1,863,133	1,942,724	2,071,336	2,178,675	2,168,310	1,898,618	116	15,192	145,801	108,583
Georgia	689,379	1,001,889	1,242,527	1,419,447	1,560,494	1,469,948	1,254,216	17,371	8,470	152,142	37,748
Hawaii	195,375	321,195	400,980	401,145	292,299	292,299	280,503	0	0	11,733	63
Idaho	125,338	193,188	218,399	244,514	252,641	257,596	223,108	10,435	0	23,993	60
Illinois	1,405,622	1,855,023	1,931,481	2,064,998	2,152,959	2,153,129	1,161,833	418,269	0	444,872	128,154
Indiana	645,880	984,176	1,019,058	1,026,788	1,074,213	1,074,383	977,517	2,831	0	63,791	30,244
Iowa	431,840	599,407	673,738	697,177	727,973	729,291	649,901	29,098	0	27,787	22,505
Kansas	422,278	556,372	630,158	662,454	686,794	693,030	528,243	117,684	0	42,838	4,264
Kentucky	483,027	665,808	705,050	737,954	759,829	759,701	690,328	6,041	0	56,213	7,119
Louisiana	562,205	634,541	683,174	756,642	731,129	777,333	603,825	8,061	2,487	153,105	9,856
Maine	103,724	189,099	178,079	171,750	177,300	178,795	158,044	27	0	19,012	1,712
Maryland	631,471	943,620	898,788	924,547	979,175	979,175	717,377	136,661	30,213	79,708	15,216
Massachusetts	589,876	545,606	639,251	700,546	768,557	773,902	669,102	1,779	4,525	64,542	33,955
Michigan	1,215,291	1,589,630	1,769,771	1,866,604	1,926,437	1,926,437	1,572,241	215,733	7,590	93,848	37,025
Minnesota	533,573	818,117	956,836	982,180	1,016,743	1,022,884	901,114	0	74	95,582	26,114
Mississippi	362,517	419,177	471,136	611,482	651,102	658,887	570,035	31,725	0	55,642	1,485
Missouri	506,246	651,819	685,610	751,150	805,954	807,597	669,832	72,895	0	56,407	8,463
Montana	97,672	119,813	136,263	133,066	136,988	136,988	121,730	3,526	0	11,208	524
Nebraska	248,544	374,112	419,798	432,997	456,602	456,809	382,465	53,004	0	17,875	3,465
Nevada	99,841	173,580	208,216	252,977	251,125	251,136	223,413	0	0	27,704	19
New Hampshire	52,393	79,979	90,950	95,768	97,170	97,170	79,376	0	0	10,348	7,446
New Jersey	837,214	1,190,657	1,359,960	1,409,358	1,441,939	1,441,937	1,045,117	156,011	3,327	170,877	66,605
New Mexico	221,094	413,558	431,098	482,860	507,945	515,083	413,344	42,363	0	57,014	2,362
New York	2,726,150	3,421,222	3,893,354	3,982,026	3,746,100	3,746,940	2,202,186	405,160	41,920	482,696	614,976
North Carolina	1,074,960	1,633,096	1,746,867	1,852,503	1,881,020	1,881,041	1,686,718	79,490	1,607	55,867	54,360
North Dakota	118,961	133,796	136,744	163,593	144,751	144,751	138,785	170	0	5,518	278
Ohio	1,132,678	1,541,996	1,553,389	1,659,566	1,786,481	1,791,873	1,488,806	120,161	5,736	119,586	57,583
Oklahoma	437,693	535,024	580,522	606,743	625,298	625,273	536,307	18,578	0	68,676	1,712
Oregon	394,899	544,631	571,448	592,624	581,381	581,437	442,603	82,282	0	53,454	3,098
Pennsylvania	961,089	1,276,665	1,379,619	1,508,534	1,552,669	1,564,432	1,110,896	78,912	66,146	116,199	192,279
Rhode Island	107,265	123,502	117,735	125,567	129,286	129,286	121,153	0	0	6,408	1,725
South Carolina	491,802	618,304	631,482	669,239	703,837	703,837	647,111	25,737	0	17,982	13,007
South Dakota	65,151	86,262	106,452	105,197	109,075	123,707	105,090	957	0	17,473	186
Tennessee	528,933	711,103	824,936	898,678	922,486	922,904	850,110	2,113	1,476	54,055	15,150
Texas	2,521,860	3,069,099	3,783,870	3,895,369	4,296,038	4,299,323	3,302,958	280,141	33,490	592,738	89,995
Utah	256,997	346,711	402,523	441,726	470,613	470,673	414,407	0	0	55,251	1,015
Vermont	35,334	48,485	49,586	49,432	57,909	57,909	42,400	62	0	6,074	9,373
Virginia	775,474	961,845	914,056	977,099	967,358	967,313	839,587	1,282	12,228	99,993	15,123
Washington	620,383	915,462	1,023,612	1,009,039	1,044,083	1,067,489	914,200	100	0	151,961	1,228
West Virginia	222,693	280,199	316,565	329,313	346,867	347,179	320,198	693	0	25,240	1,049
Wisconsin	825,610	1,053,246	1,213,191	1,219,284	1,241,107	1,241,665	937,513	275,712	0	13,800	14,639
Wyoming	127,714	137,727	138,684	143,439	147,597	147,597	130,162	13,489	0	3,945	0

¹ Preliminary data.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

³ Excludes U.S. Service Schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

NOTE.—Because of rounding, details may not add to totals.

Table 334.—Current-fund revenue received from the federal government by the 120 institutions of higher education receiving the largest amounts: 1995–96

[In thousands]

Institution	Rank order	Current-fund revenue from the federal government ¹	Institution	Rank order	Current-fund revenue from the federal government ¹
1	2	3	1	2	3
United States (all institutions)	—	\$23,939,075			
120 institutions receiving the largest amounts	—	17,749,174			
California Institute of Technology	1	1,222,384	University of Colorado, Health Sciences Center	61	101,937
Johns Hopkins University (MD)	2	817,287	Purdue University, Main Campus (IN)	62	100,898
University of Chicago (IL)	3	700,181	University of Virginia, Main Campus	63	96,302
Massachusetts Institute of Technology	4	608,625	University of Hawaii at Manoa	64	93,741
Stanford University (CA)	5	462,069	Rutgers University, Central Office (NJ)	65	92,856
University of Washington	6	380,684	Oregon State University	66	91,603
University of Michigan, Ann Arbor	7	320,239	University of Texas, Southwestern Medical Center, Dallas	67	88,857
United States Air Force Academy (CO)	8	305,640	North Carolina State University at Raleigh	68	88,477
University of Miami (FL)	9	286,948	Uniformed Services University of the Health Sciences (MD)	69	88,464
United States Military Academy (NY)	10	283,007	State University of New York at Stony Brook	70	84,467
University of Wisconsin, Madison	11	273,630	Colorado State University	71	83,481
University of Southern California	12	272,429	University of Georgia	72	82,148
University of California, San Diego	13	272,426	Wake Forest University (NC)	73	81,458
University of California, Los Angeles	14	259,647	Tulane University of Louisiana	74	76,650
Harvard University (MA)	15	259,419	Cornell University, Statutory Colleges (NY)	75	73,773
Cornell University Medical Center (NY)	16	254,693	University of Texas Health Science Center	76	73,391
University of Pennsylvania	17	248,881	Virginia Polytechnic Institute and State University	77	73,340
Columbia University in the City of New York	18	239,546	Yeshiva University (NY)	78	71,317
University of Minnesota, Twin Cities	19	238,092	University of Tennessee, Knoxville	79	71,192
Georgetown University (DC)	20	236,866	New Mexico State University, Main Campus	80	70,316
University of California, San Francisco	21	231,890	University of Maryland, Baltimore Professional Schools	81	69,642
United States Naval Academy (MD)	22	228,590	Indiana University-Purdue University at Indianapolis	82	69,165
University of North Carolina, Chapel Hill	23	216,635	State University of New York at Buffalo	83	68,885
Yale University (CT)	24	202,483	University of California, Santa Barbara	84	68,610
Howard University (DC)	25	198,855	University of Kentucky	85	67,429
University of Pittsburgh, Main Campus (PA)	26	195,479	Washington State University	86	65,672
Princeton University (NJ)	27	192,874	Mount Sinai School of Medicine (NY)	87	65,242
Pennsylvania State University, Main Campus	28	188,380	Wayne State University (MI)	88	65,175
Duke University (NC)	29	187,672	City University of New York System Office	89	64,511
University of Illinois at Urbana	30	185,539	University of Cincinnati, Main Campus (OH)	90	64,317
University of California, Berkeley	31	183,503	Arizona State University, Main Campus	91	62,487
University of Arizona	32	176,863	Utah State University	92	61,984
University of Texas at Austin	33	173,225	University of Texas, Health Science Center, San Antonio	93	60,550
Washington University (MO)	34	173,216	University of Medicine and Dentistry of New Jersey	94	59,543
Cornell University, Endowed Colleges (NY)	35	147,520	Florida State University	95	59,278
University of Alabama at Birmingham	36	147,204	Virginia Commonwealth University	96	59,196
Ohio State University, Main Campus	37	140,525	Rush University (IL)	97	58,066
University of Iowa	38	138,791	University of Massachusetts, Amherst	98	57,999
Carnegie Mellon University (PA)	39	134,210	Gallaudet University (DC)	99	57,283
Georgia Institute of Technology, Main Campus	40	131,260	Thomas Jefferson University (PA)	100	56,475
University of Colorado at Boulder	41	129,225	The University of Texas Medical Branch, Galveston	101	55,805
University of New Mexico, Main Campus	42	126,582	Tufts University (MA)	102	55,611
Naval Postgraduate School (CA)	43	126,176	University of Nebraska at Lincoln	103	55,571
Case Western Reserve University (OH)	44	123,802	West Virginia University	104	53,928
Iowa State University	45	120,969	Indiana University, Bloomington	105	53,619
Texas A & M University	46	118,974	Brown University (RI)	106	53,051
University of California, Davis	47	118,234	Mississippi State University	107	53,017
Northwestern University (IL)	48	116,653	Clark Atlanta University (GA)	108	52,762
University of Rochester (NY)	49	114,837	Oregon Health Science University	109	48,150
University of Florida	50	114,069	University of Missouri, Columbia	110	48,141
New York University	51	113,818	Auburn University, Main Campus (AL)	111	48,047
Emory University (GA)	52	113,493	Dartmouth College (NH)	112	47,817
University of Maryland, College Park Campus	53	113,009	Central Michigan University	113	47,661
Vanderbilt University (TN)	54	112,906	Rochester Institute of Technology (NY)	114	47,429
Boston University (MA)	55	108,349	University of South Carolina at Columbia	115	46,963
Baylor College of Medicine (TX)	56	108,230	Air Force Institute of Technology (OH)	116	45,975
University of Oklahoma, Health Sciences Center	57	106,500	United States Army Command and General Staff College (KS)	117	44,911
University of Illinois at Chicago	58	104,366	Medical University of South Carolina	118	43,870
Michigan State University	59	104,093	University of Oregon	119	43,455
University of Utah	60	103,199	University of Connecticut	120	42,321

¹Includes federal appropriations, unrestricted and restricted federal contracts and grants, and revenue for independent operations. Independent operations generally include only the revenues associated with major federally funded research and development centers. Excludes Pell Grants. Federally supported student aid that is received through students is excluded.

—Data not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1995–96" survey. (This table was prepared October 1998.)

Table 335.—Current-fund expenditures and expenditures per full-time-equivalent student in institutions of higher education, by type and control of institution: 1970–71 to 1995–96

Control of institution and year	All institutions			4-year institutions			2-year institutions		
	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars ¹	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars ¹	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars ¹
	Unadjusted dollars	Constant 1995–96 dollars ¹		Unadjusted dollars	Constant 1995–96 dollars ¹		Unadjusted dollars	Constant 1995–96 dollars ¹	
1	2	3	4	5	6	7	8	9	10
All institutions									
1970–71	\$23,375	\$96,221	\$14,281	\$21,049	\$86,644	\$16,839	\$2,327	\$9,577	\$6,014
1975–76	38,903	116,642	13,755	33,811	101,375	17,181	5,092	15,267	5,919
1977–78	45,971	121,259	14,409	39,899	105,242	17,732	6,072	16,017	6,458
1978–79	50,721	124,680	14,934	44,163	108,560	18,300	6,558	16,120	6,672
1979–80	56,914	127,266	14,995	49,661	111,048	18,458	7,253	16,218	6,563
1980–81	64,053	129,375	14,670	55,840	112,787	18,306	8,212	16,588	6,241
1981–82	70,339	129,817	14,401	61,333	113,196	18,112	9,006	16,621	6,012
1982–83	75,936	131,597	14,474	66,238	114,791	18,370	9,697	16,806	5,912
1983–84	81,993	135,586	14,792	71,680	118,532	18,740	10,314	17,055	6,003
1984–85	89,951	140,691	15,717	78,744	123,162	19,572	11,207	17,529	6,592
1985–86	97,536	145,339	16,251	85,560	127,494	20,255	11,976	17,845	6,736
1986–87	105,764	151,603	16,726	92,985	133,286	20,956	12,779	18,318	6,775
1987–88	113,786	156,377	16,943	100,143	137,627	21,217	13,644	18,751	6,835
1988–89	123,867	161,643	17,079	109,141	142,426	21,372	14,726	19,217	6,863
1989–90	134,656	165,737	16,945	118,578	145,949	21,420	16,077	19,788	6,669
1990–91	146,088	170,830	17,111	128,594	150,374	21,581	17,494	20,457	6,784
1991–92	156,189	176,566	17,042	137,375	155,297	21,930	18,814	21,269	6,486
1992–93	165,241	181,242	17,366	145,300	159,370	22,354	19,941	21,872	6,613
1993–94	173,351	183,966	17,772	152,164	161,482	22,677	21,187	22,484	6,960
1994–95	182,969	188,404	18,207	160,891	165,671	23,212	22,078	22,734	7,081
1995–96 ²	189,986	189,986	18,383	167,044	167,044	23,288	22,942	22,942	7,255
Public institutions									
1970–71	14,996	61,730	12,463	12,899	53,097	15,308	2,097	8,633	5,815
1975–76	26,184	78,507	12,037	21,392	64,139	15,811	4,792	14,368	5,827
1977–78	30,725	81,045	12,670	25,013	65,978	16,335	5,712	15,067	6,391
1978–79	33,733	82,921	13,206	27,600	67,846	16,978	6,132	15,075	6,603
1979–80	37,768	84,454	13,211	30,979	69,273	17,065	6,789	15,181	6,506
1980–81	42,280	85,397	12,857	34,677	70,042	16,844	7,602	15,355	6,182
1981–82	46,219	85,301	12,579	37,890	69,928	16,616	8,330	15,373	5,975
1982–83	49,573	85,910	12,541	40,616	70,387	16,677	8,957	15,523	5,902
1983–84	53,087	87,785	12,757	43,588	72,078	16,897	9,499	15,707	6,005
1984–85	58,315	91,209	13,644	48,017	75,102	17,722	10,298	16,106	6,583
1985–86	63,194	94,166	14,123	52,184	77,760	18,341	11,010	16,406	6,756
1986–87	67,654	96,976	14,307	56,003	80,275	18,688	11,651	16,701	6,727
1987–88	72,641	99,831	14,390	60,137	82,646	18,801	12,505	17,185	6,761
1988–89	78,946	103,022	14,516	65,349	85,278	18,926	13,597	17,743	6,848
1989–90	85,771	105,568	14,321	70,865	87,222	18,880	14,906	18,346	6,667
1990–91	92,961	108,706	14,383	76,722	89,716	18,927	16,239	18,990	6,739
1991–92	98,847	111,743	14,212	81,334	91,945	19,172	17,513	19,798	6,455
1992–93	104,570	114,696	14,497	86,065	94,399	19,675	18,505	20,297	6,518
1993–94	109,310	116,003	14,849	89,697	95,190	19,973	19,612	20,813	6,832
1994–95	115,465	118,895	15,274	94,895	97,714	20,573	20,570	21,181	6,979
1995–96 ²	119,401	119,401	15,403	97,901	97,901	20,579	21,500	21,500	7,180
Private institutions									
1970–71	8,379	34,492	19,327	8,150	33,547	20,006	230	945	8,763
1975–76	12,719	38,136	19,483	12,419	37,237	20,194	300	899	7,923
1977–78	15,246	40,214	19,919	14,885	39,264	20,709	360	950	7,733
1978–79	16,988	41,759	20,181	16,563	40,714	21,027	425	1,046	7,861
1979–80	19,146	42,812	20,438	18,682	41,775	21,349	464	1,037	7,519
1980–81	21,773	43,978	20,204	21,163	42,745	21,340	610	1,232	7,098
1981–82	24,120	44,516	19,934	23,444	43,268	21,196	676	1,248	6,505
1982–83	26,363	45,687	20,386	25,623	44,404	21,893	740	1,283	6,028
1983–84	28,907	47,801	20,920	28,092	46,453	22,557	815	1,348	5,976
1984–85	31,637	49,482	21,827	30,727	48,059	23,389	910	1,423	6,705
1985–86	34,342	51,173	22,487	33,376	49,734	24,205	966	1,439	6,515
1986–87	38,110	54,627	23,895	36,982	53,011	25,673	1,128	1,617	7,305
1987–88	41,145	56,546	24,671	40,006	54,980	26,297	1,139	1,566	7,779
1988–89	44,922	58,621	24,762	43,792	57,147	26,477	1,130	1,474	7,053
1989–90	48,885	60,169	24,974	47,713	58,727	26,770	1,172	1,442	6,691
1990–91	53,127	62,125	25,614	51,872	60,658	27,226	1,255	1,467	7,428
1991–92	57,342	64,823	25,952	56,041	63,352	27,716	1,301	1,471	6,937
1992–93	60,671	66,546	26,354	59,235	64,971	27,867	1,436	1,575	8,135
1993–94	64,041	67,963	26,767	62,466	66,292	28,150	1,575	1,671	9,077
1994–95	67,504	69,509	27,113	65,996	67,957	28,460	1,508	1,552	8,828
1995–96 ²	70,585	70,585	27,325	69,143	69,143	28,623	1,442	1,442	8,609

¹ Dollars adjusted by the Higher Education Price Index.² Preliminary data.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" and "Fall Enrollment in Colleges and Universities" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Finance" surveys. (This table was prepared October 1998.)

Table 336.—Current-fund expenditures and educational and general expenditures of institutions of higher education and degree-granting institutions, by purpose and per student: 1929–30 to 1995–96

[Columns 2 through 17 in thousands]

Year	Current-fund expenditures	Educational and general expenditures							
		Total	Administra- tion and general expense	Instruction and departmental research	Organized research	Libraries	Plant operation and maintenance	Organized activities related to instructional depart- ments ¹	Other sponsored programs ²
1	2	3	4	5	6	7	8	9	10
1929–30	\$507,142	\$377,903	\$42,633	\$221,598	⁶ \$18,007	\$9,622	\$61,061	(?)	—
1931–32	536,523	420,633	47,232	232,645	⁶ 21,978	11,379	56,797	⁸ \$21,297	—
1933–34	469,329	369,661	43,155	203,332	⁶ 17,064	13,387	51,046	⁸ 14,155	—
1935–36	541,391	419,883	48,069	225,143	⁶ 22,091	15,531	56,802	⁸ 20,241	—
1937–38	614,385	475,191	56,406	253,006	⁶ 25,213	17,588	62,738	⁸ 24,031	—
1939–40	674,688	521,990	62,827	280,248	⁶ 27,266	19,487	69,612	⁸ 27,225	—
1941–42	738,169	572,465	66,968	298,558	⁶ 34,287	19,763	72,594	⁸ 37,771	—
1943–44	974,118	753,846	69,668	334,189	⁶ 58,456	20,452	81,201	⁸ 48,415	⁹ \$97,044
1945–46	1,088,422	820,326	104,808	375,122	⁶ 86,812	26,560	110,947	⁸ 60,604	—
1947–48	1,883,269	1,391,594	171,829	657,945	⁶ 159,090	44,208	201,996	⁸ 85,346	—
1949–50	2,245,661	1,706,444	213,070	780,994	⁶ 225,341	56,147	225,110	⁸ 119,108	—
1951–52	2,471,008	1,960,481	233,844	823,117	⁶ 317,928	60,612	240,446	⁸ 147,854	—
1953–54	2,882,864	2,345,331	288,147	960,556	⁶ 372,643	72,944	277,874	⁸ 186,905	—
1955–56	3,499,463	2,861,858	355,207	1,140,655	⁶ 500,793	85,563	324,229	⁸ 222,007	—
1957–58	4,509,666	3,734,350	473,945	1,465,603	⁶ 727,776	109,715	406,226	⁸ 238,455	—
1959–60	5,601,376	4,685,258	583,224	1,793,320	⁶ 1,022,353	135,384	469,943	⁸ 294,255	—
1961–62	7,154,526	5,997,007	730,429	2,202,443	⁶ 1,474,406	177,362	564,225	⁸ 375,040	—
1963–64	9,177,677	7,725,433	957,512	2,801,707	⁶ 1,973,383	236,718	686,054	⁸ 458,507	—
1965–66	12,509,489	10,376,630	1,251,107	3,756,175	⁶ 2,448,300	346,248	844,506	⁸ 558,170	155,202
1966–67	14,230,341	10,724,974	1,445,074	4,356,413	1,565,102	415,903	969,275	591,848	350,950
1967–68	16,480,786	12,847,350	1,738,946	5,139,179	1,933,473	493,266	1,127,290	350,711	514,294
1968–69	18,481,583	14,718,140	2,277,585	5,941,972	2,034,074	571,572	1,337,903	535,269	668,483
1969–70	21,043,113	16,845,212	2,627,993	6,883,844	2,144,076	652,596	1,541,698	648,089	769,253
1970–71	23,375,197	18,714,642	2,983,911	7,804,410	2,209,338	716,212	1,730,664	693,011	890,507
1971–72	25,559,560	20,441,878	3,344,215	8,443,261	2,265,282	764,481	1,927,553	779,728	1,059,989
1972–73	27,955,624	22,400,379	3,713,068	9,243,641	2,394,261	840,727	2,141,162	791,290	1,284,085
1973–74	30,713,581	24,653,849	4,200,955	10,219,118	2,480,450	939,023	2,494,057	838,170	1,355,027
1974–75	35,057,563	27,547,620	4,495,391	11,797,823	3,132,132	1,001,868	2,786,768	1,253,824	—
1975–76	38,903,177	30,598,685	5,240,066	13,094,943	3,287,364	1,223,723	3,082,959	1,248,670	—
1976–77	42,599,816	33,151,681	5,590,669	14,031,145	3,600,067	1,250,314	3,436,705	1,544,646	—
1977–78	45,970,790	36,256,604	6,177,029	15,336,229	3,919,830	1,348,747	3,795,043	1,781,160	—
1978–79	50,720,984	39,833,116	6,832,004	16,662,820	4,447,760	1,426,614	4,178,574	2,044,386	—
1979–80	56,913,588	44,542,843	7,621,143	18,496,717	5,099,151	1,623,811	4,700,070	2,252,577	—
1980–81	64,052,938	50,073,805	8,681,513	20,733,166	5,657,719	1,759,784	5,350,310	2,513,502	—
1981–82	70,339,448	54,848,752	9,648,069	22,962,527	5,929,894	1,922,416	5,979,281	2,734,038	—
1982–83	75,935,749	58,929,218	10,412,233	24,673,293	6,265,280	2,039,671	6,391,596	3,047,220	—
1983–84	81,993,360	63,741,276	11,561,260	26,436,308	6,723,534	2,231,149	6,729,825	3,300,003	—
1984–85	89,951,263	70,061,324	12,765,452	28,777,183	7,551,892	2,361,793	7,345,482	3,712,460	—
1985–86	97,535,742	76,127,965	13,913,724	31,032,099	8,437,367	2,551,331	7,605,226	4,116,061	—
1986–87	105,763,557	82,955,555	15,060,576	33,711,146	9,352,309	2,441,184	7,819,032	5,134,267	—
1987–88	113,786,476	89,157,430	16,171,015	35,833,563	10,350,931	2,836,498	8,230,986	5,305,083	—
1988–89	123,867,184	96,803,377	17,309,956	38,812,690	11,432,170	3,009,870	8,739,895	5,894,409	—
1989–90	134,655,571	105,585,076	19,062,179	42,145,987	12,505,961	3,254,239	9,458,262	6,183,405	—
1990–91	146,087,836	114,139,901	20,751,966	45,496,117	13,444,040	3,343,892	10,062,581	6,706,881	—
1991–92	156,189,161	121,567,157	21,984,118	47,997,196	14,261,554	3,595,834	10,346,580	6,981,184	—
1992–93	165,241,040	128,977,968	23,414,977	50,340,914	15,291,309	3,684,852	10,783,727	7,388,118	—
1993–94	173,350,617	136,024,350	24,489,022	52,775,599	16,117,610	3,908,412	11,368,496	7,769,499	—
1994–95	182,968,610	144,158,002	25,904,821	55,719,707	17,109,541	4,165,761	11,745,905	8,112,930	—
1995–96 ¹¹	189,986,238	150,927,324	27,683,381	57,572,851	17,519,665	4,299,177	12,257,540	9,010,262	—
Degree-granting institutions ¹²									
1995–96 ¹¹	190,476,163	151,445,605	27,886,345	57,810,033	17,517,887	4,293,363	12,330,885	9,003,700	—

Table 336.—Current-fund expenditures and educational and general expenditures of institutions of higher education and degree-granting institutions, by purpose and per student: 1929–30 to 1995–96—Continued

[Columns 2 through 17 in thousands]

Year	Educational and general expenditures			Auxiliary enterprises	Independent operations ³	Hospitals	Other current expenditures	Educational and general expenditures per student in fall enrollment ⁴	
	Extension and public service	Scholarships and fellowships	Other general expenditures					Current dollars	Constant 1995–96 dollars ⁵
1	11	12	13	14	15	16	17	18	19
1929–30	\$24,982	(7)	—	\$3,127	(6)	(8)	\$126,112	\$343	\$3,099
1931–32	24,066	(7)	\$5,239	90,897	(6)	(8)	24,993	364	3,906
1933–34	20,020	(7)	7,502	78,730	(6)	(8)	20,938	350	4,087
1935–36	29,426	(7)	2,580	95,332	(6)	(8)	26,176	348	3,907
1937–38	34,189	(7)	2,020	115,620	(6)	(8)	23,574	352	3,794
1939–40	35,325	(7)	—	124,184	(6)	(8)	28,514	349	3,862
1941–42	42,525	(7)	—	137,328	(6)	(8)	28,375	408	4,040
1943–44	44,421	(7)	—	199,344	(6)	(8)	20,928	653	5,786
1945–46	55,473	(7)	—	242,028	(6)	(8)	26,068	489	4,143
1947–48	71,180	(7)	—	438,988	(6)	(8)	52,687	595	3,946
1949–50	86,674	(7)	—	476,401	(6)	(8)	62,816	698	4,553
1951–52	97,408	\$39,272	—	477,672	(6)	(8)	32,855	933	5,483
1953–54	112,227	74,035	—	537,533	(6)	(8)	—	1,051	6,039
1955–56	137,914	95,490	—	637,605	(6)	(8)	—	1,079	6,199
1957–58	175,256	129,935	7,439	775,316	(6)	(8)	—	1,124	6,078
1959–60	205,595	172,050	9,134	916,117	(6)	(8)	—	1,287	6,768
1961–62	244,337	228,765	—	1,157,517	(6)	(8)	—	1,447	7,437
1963–64	297,350	300,370	13,832	1,452,244	(6)	(8)	—	1,616	8,097
1965–66	438,385	425,524	153,013	1,887,744	(6)	(8)	¹⁰ 245,115	1,753	8,486
1966–67	226,566	583,390	220,453	2,060,130	\$951,668	\$253,790	¹⁰ 239,780	1,678	7,878
1967–68	597,544	712,425	240,222	2,302,419	765,495	290,000	¹⁰ 275,523	1,859	8,444
1968–69	536,527	814,755	—	2,539,183	697,317	526,943	—	1,959	8,486
1969–70	593,067	984,594	—	2,769,276	757,388	671,236	—	2,104	8,607
1970–71	588,390	1,098,198	—	2,988,407	829,596	842,552	—	2,181	8,482
1971–72	615,997	1,241,372	—	3,178,272	940,825	998,585	—	2,284	8,577
1972–73	669,735	1,322,411	—	3,337,789	1,033,746	1,183,709	—	2,431	8,773
1973–74	730,560	1,396,488	—	3,613,256	1,014,872	1,431,604	—	2,568	8,508
1974–75	1,097,788	1,449,542	532,485	4,073,590	1,085,590	2,350,763	—	2,694	8,038
1975–76	1,238,603	1,635,859	546,498	4,476,841	1,132,016	2,695,635	—	2,736	7,621
1976–77	1,343,404	1,770,214	584,515	4,858,328	1,434,738	3,155,069	—	3,010	7,925
1977–78	1,425,294	1,839,298	633,973	5,261,477	855,054	3,597,655	—	3,213	7,925
1978–79	1,593,097	1,944,599	703,262	5,749,974	1,007,119	4,130,775	—	3,538	7,979
1979–80	1,816,521	2,200,468	732,385	6,485,608	1,127,728	4,757,409	—	3,850	7,662
1980–81	2,057,770	2,504,525	815,516	7,288,089	1,257,934	5,433,111	—	4,139	7,383
1981–82	2,203,726	2,684,945	783,854	7,997,632	1,258,777	6,234,287	—	4,433	7,278
1982–83	2,320,478	2,922,897	856,548	8,614,316	1,406,126	6,986,089	—	4,742	7,465
1983–84	2,499,203	3,301,673	958,321	9,250,196	1,622,233	7,379,654	—	5,114	7,762
1984–85	2,861,095	3,670,355	1,015,613	10,012,248	1,867,550	8,010,141	—	5,723	8,360
1985–86	3,119,533	4,160,174	1,192,449	10,528,303	2,187,361	8,692,113	—	6,216	8,826
1986–87	3,448,453	4,776,100	1,212,488	11,037,333	2,597,655	9,173,014	—	6,635	9,215
1987–88	3,786,362	5,325,358	1,317,633	11,399,953	2,822,632	10,406,461	—	6,984	9,314
1988–89	4,227,323	5,918,666	1,458,397	12,280,063	2,958,962	11,824,782	—	7,415	9,453
1989–90	4,689,758	6,655,544	1,629,742	13,203,984	3,187,224	12,679,286	—	7,799	9,489
1990–91	5,076,177	7,551,184	1,707,063	14,272,247	3,349,824	14,325,865	—	8,260	9,529
1991–92	5,489,298	9,060,000	1,851,393	14,966,100	3,551,592	16,104,313	—	8,466	9,464
1992–93	5,935,095	10,148,373	1,990,603	15,561,508	3,651,891	17,049,672	—	8,903	9,651
1993–94	6,242,414	11,238,010	2,115,288	16,429,341	3,387,323	17,509,603	—	9,509	10,048
1994–95	6,691,485	12,285,328	2,422,524	17,204,917	3,534,332	18,071,359	—	10,096	10,371
1995–96 ¹¹	7,045,145	13,138,965	2,400,338	17,569,276	3,492,548	17,997,090	—	10,583	10,583
Degree-granting institutions ¹²									
1995–96 ¹¹	7,007,413	13,195,102	2,400,876	17,599,061	3,490,511	17,940,986	—	—	—

¹ Academic support excluding expenditures for libraries.
² Includes all separately budgeted programs, other than research, which are supported by sponsors outside the institution. Examples are training programs, workshops, and training and instructional institutes. For years not shown, most expenditures for these programs are included under "Extension and public service."
³ Generally includes only those expenditures associated with federally funded research and development centers (FFRDCs).
⁴ Data for 1929–30 to 1945–46 are based on school year enrollment.
⁵ Data adjusted by the Consumer Price Index computed on a school year basis.
⁶ Expenditures for federally funded research and development centers are included under "Organized research."
⁷ Included under "Other current expenditures."
⁸ Expenditures for hospitals included under "Organized activities related to instructional departments."
⁹ Expenditures were for federal contract courses.
¹⁰ Includes current expenditures for physical plant assets. In later years, the educational and general expenditures for physical plant assets are included under "Other general expenditures."

¹¹ Preliminary data.
¹² Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
 —Data not available.

NOTE.—The data in this table reflect limitations of data availability and comparability. Major changes in data collection forms in 1965–66 and 1974–75 cause significant data comparability problems among the three mostly consistent time periods, 1929–30 to 1963–64, 1965–66 to 1973–74, and 1974–75 to the present. The largest problems affect Hospitals, Independent operations, Organized research, Other sponsored programs, Extension and public service, and Scholarships and fellowships.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Biennial Survey of Education in the United States*; Higher Education General Information Survey (HEGIS), *Financial Statistics of Institutions of Higher Education*; and Integrated Postsecondary Education Data System, "Finance" surveys. (This table was prepared October 1998.)

Table 337.—Expenditures of degree-granting institutions, by purpose and by control and type of institution: 1995–96¹

Control and type of institution	Current-fund expenditures	Educational and general expenditures					
		Total	Instruction	Research	Public service	Academic support	
						Total	Libraries only
1	2	3	4	5	6	7	8
In thousands							
Total	\$190,476,163	\$151,445,605	\$57,810,033	\$17,517,887	\$7,007,413	\$13,297,063	\$4,293,363
Public	119,524,500	96,085,623	38,653,245	12,076,357	5,321,014	9,004,113	2,690,547
Research I universities ³	44,391,472	32,554,192	10,940,654	7,985,405	2,551,389	3,164,464	904,547
Research II universities ³	7,321,555	6,295,468	2,334,613	1,107,188	500,296	653,614	212,284
Doctoral universities	12,654,818	11,100,406	4,224,600	1,282,938	647,497	1,146,700	370,321
Master's	19,294,804	16,567,809	7,493,334	532,501	584,189	1,579,379	574,428
Baccalaureate	2,569,266	2,219,738	893,402	33,202	75,663	223,347	76,867
Associate of arts	21,546,546	20,202,436	9,737,645	23,168	475,198	1,691,120	448,225
Specialized institutions ⁴	11,649,588	7,052,919	2,998,217	1,111,474	485,310	536,963	101,722
Health and medicine	9,791,333	5,387,219	2,453,843	1,015,905	465,127	347,353	70,352
Engineering	213,755	194,784	75,269	21,607	4,533	16,144	5,921
Business	29,076	26,938	12,068	0	1,322	2,970	744
Fine arts	120,995	110,530	48,024	0	1,112	13,832	3,755
Other specialized	1,494,427	1,333,449	409,013	73,962	13,216	156,663	20,950
Tribal colleges ⁵	96,452	92,655	30,780	481	1,472	8,524	2,154
4-year	23,036	22,705	6,270	69	329	2,129	652
2-year	73,416	69,951	24,510	412	1,143	6,395	1,501
Private	70,951,662	55,359,982	19,156,788	5,441,530	1,686,399	4,292,950	1,602,816
Research I universities ³	27,593,269	18,402,482	6,688,949	3,974,170	537,817	1,458,295	552,107
Research II universities ³	4,021,082	2,795,688	1,074,243	324,401	22,069	236,600	93,065
Doctoral universities	6,433,667	5,669,088	2,095,623	354,658	264,491	500,356	185,027
Master's	10,174,350	9,023,040	3,161,786	161,815	122,211	699,872	259,468
Baccalaureate	13,203,120	11,408,175	3,518,386	101,988	77,543	799,360	339,054
Associate of arts	1,883,084	1,761,461	544,889	1,315	3,748	117,272	22,527
Specialized institutions ⁴	7,611,939	6,269,565	2,064,888	523,176	653,280	478,615	151,142
Religion and theology	987,438	869,961	256,000	4,687	11,446	88,651	48,877
Health and medicine	3,965,671	2,942,170	989,420	482,838	614,131	167,825	36,170
Engineering	378,215	352,606	115,548	29,216	1,283	23,905	5,257
Business	969,156	875,588	256,884	106	4,413	91,476	16,656
Fine arts	809,089	744,844	257,914	203	10,426	52,091	12,608
Other specialized	502,370	484,396	189,122	6,127	11,580	54,667	31,573
Tribal colleges ⁵	31,152	30,483	8,025	6	5,239	2,581	427
4-year	12,079	11,814	3,229	6	4,030	695	174
2-year	19,074	18,669	4,796	0	1,209	1,886	253
Percentage distribution of current-fund expenditures							
Total	100.00	79.51	30.35	9.20	3.68	6.98	2.25
Public	100.00	80.39	32.34	10.10	4.45	7.53	2.25
Research I universities ³	100.00	73.33	24.65	17.99	5.75	7.13	2.04
Research II universities ³	100.00	85.99	31.89	15.12	6.83	8.93	2.90
Doctoral universities	100.00	87.72	33.38	10.14	5.12	9.06	2.93
Master's	100.00	85.87	38.84	2.76	3.03	8.19	2.98
Baccalaureate	100.00	86.40	34.77	1.29	2.94	8.69	2.99
Associate of arts	100.00	93.76	45.19	0.11	2.21	7.85	2.08
Specialized institutions ⁴	100.00	60.54	25.74	9.54	4.17	4.61	0.87
Health and medicine	100.00	55.02	25.06	10.38	4.75	3.55	0.72
Engineering	100.00	91.12	35.21	10.11	2.12	7.55	2.77
Business	100.00	92.64	41.50	0.00	4.55	10.22	2.56
Fine arts	100.00	91.35	39.69	0.00	0.92	11.43	3.10
Other specialized	100.00	89.23	27.37	4.95	0.88	10.48	1.40
Tribal colleges ⁵	100.00	96.06	31.91	0.50	1.53	8.84	2.23
4-year	100.00	98.56	27.22	0.30	1.43	9.24	2.83
2-year	100.00	95.28	33.38	0.56	1.56	8.71	2.04
Private	100.00	78.02	27.00	7.67	2.38	6.05	2.26
Research I universities ³	100.00	66.69	24.24	14.40	1.95	5.28	2.00
Research II universities ³	100.00	69.53	26.72	8.07	0.55	5.88	2.31
Doctoral universities	100.00	88.12	32.57	5.51	4.11	7.78	2.88
Master's	100.00	88.68	31.08	1.59	1.20	6.88	2.55
Baccalaureate	100.00	86.41	26.65	0.77	0.59	6.05	2.57
Associate of arts	100.00	93.54	28.94	0.07	0.20	6.23	1.20
Specialized institutions ⁴	100.00	82.36	27.13	6.87	8.58	6.29	1.99
Religion and theology	100.00	88.10	25.93	0.47	1.16	8.98	4.95
Health and medicine	100.00	74.19	24.95	12.18	15.49	4.23	0.91
Engineering	100.00	93.23	30.55	7.72	0.34	6.32	1.39
Business	100.00	90.35	26.51	0.01	0.46	9.44	1.72
Fine arts	100.00	92.06	31.88	0.03	1.29	6.44	1.56
Other specialized	100.00	96.42	37.65	1.22	2.30	10.88	6.28
Tribal colleges ⁵	100.00	97.85	25.76	0.02	16.82	8.28	1.37
4-year	100.00	97.81	26.73	0.05	33.36	5.75	1.44
2-year	100.00	97.88	25.14	0.00	6.34	9.89	1.32

Table 337.—Expenditures of degree-granting institutions, by purpose and by control and type of institution: 1995–96¹—Continued

Control and type of institution	Educational and general expenditures					Auxiliary enterprises	Hospitals	Independent operations ²
	Student services	Institutional support	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers			
1	9	10	11	12	13	14	15	16
In thousands								
Total	\$9,630,576	\$18,255,769	\$12,330,885	\$13,195,102	\$2,400,876	\$17,599,061	\$17,940,986	\$3,490,511
Public	5,810,403	10,710,279	8,005,101	5,084,653	1,420,459	11,309,031	11,878,939	250,906
Research I universities ³	1,096,586	2,198,520	2,146,919	1,858,537	611,717	4,271,937	7,472,224	93,118
Research II universities ³	293,437	514,892	453,506	355,504	82,417	1,024,624	0	1,463
Doctoral universities	612,280	1,522,084	823,667	659,211	181,428	1,529,439	20,596	4,377
Master's	1,222,814	2,156,871	1,604,038	1,113,893	280,791	2,504,384	208,917	13,693
Baccalaureate	209,354	330,278	235,586	175,432	43,473	308,605	0	40,922
Associate of arts	2,167,115	3,110,851	2,071,045	773,332	152,962	1,330,303	0	13,807
Specialized institutions ⁴	196,586	857,882	659,023	141,058	66,407	336,997	4,177,202	82,471
Health and medicine	49,555	580,654	352,687	66,446	55,648	217,319	4,107,770	79,026
Engineering	11,571	19,936	19,936	11,782	7,760	15,532	0	3,440
Business	1,816	4,156	2,493	2,113	0	2,139	0	0
Fine arts	8,705	19,996	12,675	6,137	49	10,466	0	0
Other specialized	124,939	226,893	271,232	54,581	2,950	91,542	69,432	5
Tribal colleges ⁵	12,230	18,901	11,317	7,686	1,265	2,742	0	1,055
4-year	5,375	4,852	834	0	0	331	0	0
2-year	6,855	14,049	8,471	6,852	1,265	2,411	0	1,055
Private	3,820,174	7,545,490	4,325,784	8,110,450	980,417	6,290,030	6,062,047	3,239,604
Research I universities ³	591,377	1,732,531	1,258,193	1,845,798	315,352	1,750,388	4,565,567	2,874,832
Research II universities ³	124,817	322,619	205,766	441,343	43,830	513,310	697,841	14,242
Doctoral universities	346,964	776,419	428,873	781,422	120,281	612,033	101,280	51,266
Master's	887,939	1,391,852	679,744	1,718,153	199,668	1,122,730	9,311	19,269
Baccalaureate	1,212,265	1,907,387	991,314	2,598,646	201,286	1,748,771	0	46,174
Associate of arts	269,259	387,789	218,743	213,558	4,889	120,791	0	832
Specialized institutions ⁴	383,426	1,021,622	541,084	508,792	94,682	421,337	688,047	232,991
Religion and theology	65,162	220,057	106,645	110,020	7,293	111,346	424	5,706
Health and medicine	84,605	298,123	195,532	71,184	38,512	113,931	686,826	222,745
Engineering	33,502	67,490	29,185	42,065	10,412	25,609	0	0
Business	105,547	189,554	72,504	136,079	19,027	93,568	0	0
Fine arts	59,516	149,877	90,413	111,100	13,304	60,038	0	4,206
Other specialized	35,095	96,521	46,806	38,344	6,134	16,844	797	333
Tribal colleges ⁵	4,128	5,271	2,066	2,737	429	670	0	0
4-year	615	1,469	385	1,385	0	265	0	0
2-year	3,512	3,803	1,681	1,352	429	405	0	0
Percentage distribution of current-fund expenditures								
Total	5.06	9.58	6.47	6.93	1.26	9.24	9.42	1.83
Public	4.86	8.96	6.70	4.25	1.19	9.46	9.94	0.21
Research I universities ³	2.47	4.95	4.84	4.19	1.38	9.62	16.83	0.21
Research II universities ³	4.01	7.03	6.19	4.86	1.13	13.99	0.00	0.02
Doctoral universities	4.84	12.03	6.51	5.21	1.43	12.09	0.16	0.03
Master's	6.34	11.18	8.31	5.77	1.46	12.98	1.08	0.07
Baccalaureate	8.15	12.85	9.17	6.83	1.69	12.01	0.00	1.59
Associate of arts	10.06	14.44	9.61	3.59	0.71	6.17	0.00	0.06
Specialized institutions ⁴	1.69	7.36	5.66	1.21	0.57	2.89	35.86	0.71
Health and medicine	0.51	5.93	3.60	0.68	0.57	2.22	41.95	0.81
Engineering	5.41	12.25	9.33	5.51	3.63	7.27	0.00	1.61
Business	6.25	14.29	8.57	7.27	0.00	7.36	0.00	0.00
Fine arts	7.19	16.53	10.48	5.07	0.04	8.65	0.00	0.00
Other specialized	8.36	15.18	18.15	3.65	0.20	6.13	4.65	0.00
Tribal colleges ⁵	12.68	19.60	11.73	7.97	1.31	2.84	0.00	1.09
4-year	23.33	21.06	12.36	3.62	0.00	1.44	0.00	0.00
2-year	9.34	19.14	11.54	9.33	1.72	3.28	0.00	1.44
Private	5.38	10.63	6.10	11.43	1.38	8.87	8.54	4.57
Research I universities ³	2.14	6.28	4.56	6.69	1.14	6.34	16.55	10.42
Research II universities ³	3.10	8.02	5.12	10.98	1.09	12.77	17.35	0.35
Doctoral universities	5.39	12.07	6.67	12.15	1.87	9.51	1.57	0.80
Master's	8.73	13.68	6.68	16.89	1.96	11.03	0.09	0.19
Baccalaureate	9.18	14.45	7.51	19.68	1.52	13.25	0.00	0.35
Associate of arts	14.30	20.59	11.62	11.34	0.26	6.41	0.00	0.04
Specialized institutions ⁴	5.04	13.42	7.11	6.68	1.24	5.54	9.04	3.06
Religion and theology	6.60	22.29	10.80	11.14	0.74	11.28	0.04	0.58
Health and medicine	2.13	7.52	4.93	1.80	0.97	2.87	17.32	5.62
Engineering	8.86	17.84	7.72	11.12	2.75	6.77	0.00	0.00
Business	10.89	19.56	7.48	14.04	1.96	9.65	0.00	0.00
Fine arts	7.36	18.52	11.17	13.73	1.64	7.42	0.00	0.52
Other specialized	6.99	19.21	9.32	7.63	1.22	3.35	0.16	0.07
Tribal colleges ⁵	13.25	16.92	6.63	8.79	1.38	2.15	0.00	0.00
4-year	5.10	12.16	3.19	11.46	0.00	2.19	0.00	0.00
2-year	18.42	19.94	8.81	7.09	2.25	2.12	0.00	0.00

¹ Preliminary data.

² Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

³ Research institutions are committed to graduate education through the doctorate, and give high priority to research. Research I institutions receive \$40 million or more annually in federal support. Research II institutions receive between \$15.5 million and \$40 million annually.

⁴ Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

⁵ Tribally controlled colleges are located on reservations. They are members of the American Indian Higher Education Consortium.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Finance, 1995–96" survey. (This table was prepared November 1998.)

**Table 338.—Current-fund expenditures of institutions of higher education, by purpose:
1980–81 to 1995–96**

Purpose	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund expenditures	\$64,052,938	\$97,535,742	\$134,655,571	\$146,087,836	\$156,189,161	\$165,241,040	\$173,350,617	\$182,968,610	\$190,476,163
Educational and general expenditures	50,073,805	76,127,965	105,585,076	114,139,901	121,567,157	128,977,968	136,024,350	144,158,002	151,445,605
Instruction	20,733,166	31,032,099	42,145,987	45,496,117	47,997,196	50,340,914	52,775,599	55,719,707	57,810,033
Research	5,657,719	8,437,367	12,505,961	13,444,040	14,261,554	15,291,309	16,117,610	17,109,541	17,517,887
Public service	2,057,770	3,119,533	4,689,758	5,076,177	5,489,298	5,935,095	6,242,414	6,691,485	7,007,413
Academic support	4,273,286	6,667,392	9,437,644	10,050,773	10,577,018	11,072,970	11,677,911	12,278,691	13,297,063
Libraries	1,759,784	2,551,331	3,254,239	3,343,892	3,595,834	3,684,852	3,908,412	4,165,761	4,293,363
Student services	2,908,998	4,562,938	6,388,148	7,025,482	7,509,094	8,165,079	8,562,783	9,059,994	9,630,576
Institutional support	5,772,515	9,350,786	12,674,031	13,726,484	14,475,023	15,249,898	15,926,239	16,844,827	18,255,769
Operation and maintenance of plant	5,350,310	7,605,226	9,458,262	10,062,581	10,346,580	10,783,727	11,368,496	11,745,905	12,330,885
Scholarships and fellowships	2,504,525	4,160,174	6,655,544	7,551,184	9,060,000	10,148,373	11,238,010	12,285,328	13,195,102
From unrestricted funds	1,080,614	2,285,116	3,853,904	4,445,106	5,205,797	5,949,037	6,644,717	7,329,384	8,213,049
From restricted funds ²	1,423,911	1,875,059	2,801,640	3,106,078	3,854,203	4,199,337	4,593,293	4,955,944	4,982,054
Mandatory transfers	815,516	1,192,449	1,629,742	1,707,063	1,851,393	1,990,603	2,115,288	2,422,524	2,400,876
Auxiliary enterprises	7,288,089	10,528,303	13,203,984	14,272,247	14,966,100	15,561,508	16,429,341	17,204,917	17,599,061
Mandatory transfers	508,377	617,171	836,852	936,876	1,003,299	1,109,549	1,158,848	1,228,278	1,145,366
Hospitals	5,433,111	8,692,113	12,679,286	14,325,865	16,104,313	17,049,672	17,509,603	18,071,359	17,940,986
Mandatory transfers	57,963	128,833	222,192	274,452	333,714	308,059	344,665	346,072	268,439
Independent operations (FFRDC) ³	1,257,934	2,187,361	3,187,224	3,349,824	3,551,592	3,651,891	3,387,323	3,534,332	3,490,511
Mandatory transfers	643	3,432	5,812	5,645	3,396	2,271	2,354	2,373	2,123
Percentage distribution									
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	78.2	78.1	78.4	78.1	77.8	78.1	78.5	78.8	79.5
Instruction	32.4	31.8	31.3	31.1	30.7	30.5	30.4	30.5	30.4
Research	8.8	8.7	9.3	9.2	9.1	9.3	9.3	9.4	9.2
Public service	3.2	3.2	3.5	3.5	3.5	3.6	3.6	3.7	3.7
Academic support	6.7	6.8	7.0	6.9	6.8	6.7	6.7	6.7	7.0
Libraries	2.7	2.6	2.4	2.3	2.3	2.2	2.3	2.3	2.3
Student services	4.5	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.1
Institutional support	9.0	9.6	9.4	9.4	9.3	9.2	9.2	9.2	9.6
Operation and maintenance of plant	8.4	7.8	7.0	6.9	6.6	6.5	6.6	6.4	6.5
Scholarships and fellowships	3.9	4.3	4.9	5.2	5.8	6.1	6.5	6.7	6.9
From unrestricted funds	1.7	2.3	2.9	3.0	3.3	3.6	3.8	4.0	4.3
From restricted funds ²	2.2	1.9	2.1	2.1	2.5	2.5	2.6	2.7	2.6
Mandatory transfers	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3
Auxiliary enterprises	11.4	10.8	9.8	9.8	9.6	9.4	9.5	9.4	9.2
Mandatory transfers	0.8	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6
Hospitals	8.5	8.9	9.4	9.8	10.3	10.3	10.1	9.9	9.4
Mandatory transfers	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1
Independent operations (FFRDC) ³	2.0	2.2	2.4	2.3	2.3	2.2	2.0	1.9	1.8
Mandatory transfers	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

² Excludes Pell Grants.

³ Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

**Table 339.—Current-fund expenditures of public institutions of higher education, by purpose:
1980–81 to 1995–96**

Purpose	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund expenditures	\$42,279,806	\$63,193,853	\$85,770,530	\$92,961,093	\$98,847,180	\$104,570,101	\$109,309,541	\$115,464,975	\$119,524,500
Educational and general expenditures	34,173,013	50,872,962	69,163,958	74,395,428	78,554,534	83,210,979	87,139,226	92,173,768	96,085,623
Instruction	14,849,822	21,880,782	29,257,209	31,371,394	32,828,420	34,260,177	35,688,497	37,599,194	38,653,245
Research	3,813,350	5,705,144	8,542,235	9,364,213	9,948,580	10,604,973	11,180,363	11,829,665	12,076,357
Public service	1,718,924	2,515,734	3,688,664	3,990,232	4,285,501	4,563,397	4,741,719	5,034,445	5,321,014
Academic support	3,029,284	4,693,543	6,535,076	6,933,847	7,274,159	7,613,244	8,035,556	8,463,236	9,004,113
Libraries	1,187,116	1,685,052	2,102,672	2,167,161	2,284,520	2,329,625	2,449,109	2,614,609	2,690,547
Student services	1,950,566	2,921,758	4,021,328	4,398,365	4,690,921	5,173,239	5,315,370	5,614,011	5,810,403
Institutional support	3,563,194	5,667,144	7,490,137	8,030,642	8,423,156	9,049,589	9,328,236	9,929,007	10,710,279
Operation and maintenance of plant	3,681,921	5,177,254	6,333,582	6,655,605	6,790,215	7,076,805	7,433,185	7,668,919	8,005,101
Scholarships and fellowships	1,064,864	1,575,909	2,386,493	2,688,532	3,255,660	3,727,838	4,222,923	4,662,023	5,084,653
From unrestricted funds	367,476	696,973	1,099,425	1,270,158	1,523,721	1,745,339	1,934,617	2,149,036	2,457,139
From restricted funds ²	697,388	878,935	1,287,068	1,418,374	1,731,939	1,982,498	2,288,306	2,512,988	2,627,514
Mandatory transfers	501,087	735,695	909,234	962,598	1,057,923	1,141,717	1,193,379	1,373,267	1,420,459
Auxiliary enterprises	4,658,140	6,830,235	8,282,332	9,049,935	9,634,131	10,024,352	10,637,783	11,235,143	11,309,031
Mandatory transfers	344,043	410,777	551,331	623,146	655,301	758,644	784,115	835,993	793,125
Hospitals	3,377,972	5,358,699	8,113,989	9,315,902	10,432,773	11,100,602	11,317,674	11,801,589	11,878,939
Mandatory transfers	26,613	75,569	156,029	195,961	224,095	223,241	242,216	262,343	213,387
Independent operations (FFRDC) ³	70,681	131,956	210,252	199,827	225,742	234,168	214,858	254,474	250,906
Mandatory transfers	322	846	2,276	1,201	510	462	474	465	1,343
Percentage distribution									
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	80.8	80.5	80.6	80.0	79.5	79.6	79.7	79.8	80.4
Instruction	35.1	34.6	34.1	33.7	33.2	32.8	32.6	32.6	32.3
Research	9.0	9.0	10.0	10.1	10.1	10.1	10.2	10.2	10.1
Public service	4.1	4.0	4.3	4.3	4.3	4.4	4.3	4.4	4.5
Academic support	7.2	7.4	7.6	7.5	7.4	7.3	7.4	7.3	7.5
Libraries	2.8	2.7	2.5	2.3	2.3	2.2	2.2	2.3	2.3
Student services	4.6	4.6	4.7	4.7	4.7	4.9	4.9	4.9	4.9
Institutional support	8.4	9.0	8.7	8.6	8.5	8.7	8.5	8.6	9.0
Operation and maintenance of plant	8.7	8.2	7.4	7.2	6.9	6.8	6.8	6.6	6.7
Scholarships and fellowships	2.5	2.5	2.8	2.9	3.3	3.6	3.9	4.0	4.3
From unrestricted funds	0.9	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.1
From restricted funds ²	1.6	1.4	1.5	1.5	1.8	1.9	2.1	2.2	2.2
Mandatory transfers	1.2	1.2	1.1	1.0	1.1	1.1	1.1	1.2	1.2
Auxiliary enterprises	11.0	10.8	9.7	9.7	9.7	9.6	9.7	9.7	9.5
Mandatory transfers	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7
Hospitals	8.0	8.5	9.5	10.0	10.6	10.6	10.4	10.2	9.9
Mandatory transfers	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Independent operations (FFRDC) ³	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mandatory transfers	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

² Excludes Pell Grants.

³ Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 340.—Current-fund expenditures of private institutions of higher education, by purpose: 1980–81 to 1995–96

Purpose	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10
In thousands									
Total current-fund expenditures	\$21,773,132	\$34,341,889	\$48,885,041	\$53,126,743	\$57,341,982	\$60,670,938	\$64,041,076	\$67,503,635	\$70,951,662
Educational and general expenditures	15,900,792	25,255,003	36,421,118	39,744,472	43,012,623	45,766,989	48,885,124	51,984,234	55,359,982
Instruction	5,883,343	9,151,318	12,888,779	14,124,723	15,168,776	16,080,736	17,087,102	18,120,513	19,156,788
Research	1,844,369	2,732,222	3,963,726	4,079,827	4,312,973	4,686,336	4,937,247	5,279,876	5,441,530
Public service	338,845	603,799	1,001,094	1,085,945	1,203,797	1,371,697	1,500,695	1,657,040	1,686,399
Academic support	1,244,002	1,973,849	2,902,568	3,116,927	3,302,859	3,459,726	3,642,355	3,815,455	4,292,950
Libraries	572,667	866,279	1,151,567	1,176,731	1,311,314	1,355,227	1,459,304	1,551,152	1,602,816
Student services	958,432	1,641,180	2,366,819	2,627,117	2,818,174	2,991,840	3,247,414	3,445,983	3,820,174
Institutional support	2,209,321	3,683,642	5,183,893	5,695,842	6,051,868	6,200,308	6,598,004	6,915,821	7,545,490
Operation and maintenance of plant	1,668,389	2,427,972	3,124,680	3,406,975	3,556,365	3,706,923	3,935,311	4,076,986	4,325,784
Scholarships and fellowships	1,439,661	2,584,266	4,269,051	4,862,651	5,804,340	6,420,536	7,015,087	7,623,304	8,110,450
From unrestricted funds	713,138	1,588,143	2,754,479	3,174,947	3,682,076	4,203,697	4,710,100	5,180,348	5,755,910
From restricted funds ²	726,523	996,123	1,514,572	1,687,704	2,122,264	2,216,838	2,304,987	2,442,957	2,354,540
Mandatory transfers	314,429	456,754	720,508	744,465	793,471	848,886	921,908	1,049,256	980,417
Auxiliary enterprises	2,629,948	3,698,067	4,921,653	5,222,312	5,331,969	5,537,156	5,791,558	5,969,773	6,290,030
Mandatory transfers	164,335	206,394	285,521	313,730	347,999	350,905	374,733	392,285	352,241
Hospitals	2,055,139	3,333,414	4,565,297	5,009,963	5,671,540	5,949,070	6,191,929	6,269,769	6,062,047
Mandatory transfers	31,349	53,264	66,164	78,491	109,619	84,818	102,449	83,729	55,052
Independent operations (FFRDC) ³	1,187,253	2,055,405	2,976,973	3,149,996	3,325,850	3,417,723	3,172,465	3,279,859	3,239,604
Mandatory transfers	321	2,586	3,535	4,444	2,886	1,808	1,880	1,908	780
Percentage distribution									
Total current-fund expenditures	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Educational and general expenditures	73.0	73.5	74.5	74.8	75.0	75.4	76.3	77.0	78.0
Instruction	27.0	26.6	26.4	26.6	26.5	26.5	26.7	26.8	27.0
Research	8.5	8.0	8.1	7.7	7.5	7.7	7.7	7.8	7.7
Public service	1.6	1.8	2.0	2.0	2.1	2.3	2.3	2.5	2.4
Academic support	5.7	5.7	5.9	5.9	5.8	5.7	5.7	5.7	6.1
Libraries	2.6	2.5	2.4	2.2	2.3	2.2	2.3	2.3	2.3
Student services	4.4	4.8	4.8	4.9	4.9	4.9	5.1	5.1	5.4
Institutional support	10.1	10.7	10.6	10.7	10.6	10.2	10.3	10.2	10.6
Operation and maintenance of plant	7.7	7.1	6.4	6.4	6.2	6.1	6.1	6.0	6.1
Scholarships and fellowships	6.6	7.5	8.7	9.2	10.1	10.6	11.0	11.3	11.4
From unrestricted funds	3.3	4.6	5.6	6.0	6.4	6.9	7.4	7.7	8.1
From restricted funds ²	3.3	2.9	3.1	3.2	3.7	3.7	3.6	3.6	3.3
Mandatory transfers	1.4	1.3	1.5	1.4	1.4	1.4	1.4	1.6	1.4
Auxiliary enterprises	12.1	10.8	10.1	9.8	9.3	9.1	9.0	8.8	8.9
Mandatory transfers	0.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5
Hospitals	9.4	9.7	9.3	9.4	9.9	9.8	9.7	9.3	8.5
Mandatory transfers	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.1	0.1
Independent operations (FFRDC) ³	5.5	6.0	6.1	5.9	5.8	5.6	5.0	4.9	4.6
Mandatory transfers	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

² Excludes Pell Grants.

³ Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

⁴ Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared October 1998.)

Table 341.—Voluntary support for institutions of higher education, by source and purpose of support: 1959–60 to 1995–96
[In millions]

Source and purpose of support	1959–60	1965–66	1970–71	1975–76	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total voluntary support ¹	\$815	\$1,440	\$1,860	\$2,410	\$4,230	\$7,400	\$9,800	\$10,200	\$10,700	\$11,200	\$12,350	\$12,750	\$14,250
Sources													
Alumni	191	310	458	588	1,049	1,825	2,540	2,680	2,840	2,980	3,410	3,600	4,040
Nonalumni individuals	194	350	495	569	1,007	1,781	2,230	2,310	2,500	2,530	2,800	2,940	3,400
Corporations	130	230	259	379	778	1,702	2,170	2,230	2,260	2,400	2,510	2,560	2,800
Foundations	163	357	418	549	922	1,363	1,920	2,030	2,090	2,200	2,540	2,460	2,815
Religious organizations	80	108	104	130	140	211	240	240	240	250	240	250	255
Other	57	85	126	195	334	518	700	710	770	840	850	940	940
Purpose													
Current operations	385	675	1,050	1,480	2,590	4,022	5,440	5,830	6,100	6,300	6,710	7,230	7,850
Capital purposes	430	765	810	930	1,640	3,378	4,360	4,370	4,600	4,900	5,640	5,520	6,400
Voluntary support as a percent of total expenditures ²	11.4	9.2	6.8	5.5	6.0	6.9	6.5	6.2	6.2	6.2	6.5	6.3	6.7

¹ Data are based on sample surveys of institutions of higher education.

² Total expenditures include current-fund expenditures and additions to plant value.

SOURCE: Council for Aid to Education, Research Report, "Contributions to Colleges Drop for First Time Since 1975"; and "Voluntary Support of Education," various years. (This table was prepared July 1998.)

Table 342.—Educational and general expenditures of public universities, by purpose: 1976–77 to 1995–96

Year	Educational and general expenditures									
	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$9,413,626	\$3,670,554	\$1,222,410	\$346,906	\$1,727,807	\$331,614	\$763,809	\$857,677	\$377,749	\$115,099
1977–78	10,220,191	4,009,870	1,344,538	388,262	1,896,578	343,198	803,309	938,952	389,682	105,803
1978–79	11,284,191	4,408,025	1,478,568	419,231	2,136,135	363,875	920,726	1,046,740	396,356	114,533
1979–80	12,540,072	4,860,411	1,572,523	473,460	2,444,471	463,642	1,012,376	1,148,942	439,461	124,786
1980–81	13,951,029	5,374,271	1,795,504	525,891	2,743,145	451,978	1,158,512	1,270,339	492,225	139,164
1981–82	15,077,263	5,852,958	1,974,219	566,366	2,903,178	488,939	1,223,417	1,412,557	525,498	130,131
1982–83	16,089,168	6,247,358	2,107,933	604,657	3,086,846	528,470	1,300,353	1,512,947	562,903	137,702
1983–84	17,234,711	6,646,501	2,263,565	643,614	3,295,053	577,136	1,385,191	1,627,702	624,642	171,306
1984–85	18,960,810	7,257,618	2,598,784	701,451	3,682,755	609,365	1,519,324	1,745,825	677,533	168,155
1985–86	20,716,657	7,807,522	2,882,006	762,324	4,076,258	669,253	1,664,917	1,831,618	780,080	242,679
1986–87	22,023,387	8,368,187	3,088,348	819,829	4,399,405	677,531	1,725,613	1,829,880	847,328	267,266
1987–88	23,848,427	8,902,624	3,311,806	889,528	4,911,929	762,858	1,857,008	1,934,489	949,438	328,746
1988–89	26,138,665	9,623,797	3,638,424	975,801	5,476,936	813,888	2,096,267	2,069,744	1,096,447	347,362
1989–90	28,338,312	10,364,088	3,927,198	1,047,364	6,030,489	871,279	2,273,699	2,222,046	1,211,690	390,458
1990–91	30,367,325	11,012,373	4,157,677	1,103,058	6,599,209	906,506	2,479,956	2,305,115	1,367,754	435,676
1991–92	31,565,791	11,373,749	4,198,990	1,161,633	6,937,360	946,098	2,609,520	2,323,220	1,556,868	458,354
1992–93	32,836,061	11,708,500	4,317,605	1,211,143	7,330,922	959,306	2,714,785	2,365,942	1,734,530	493,328
1993–94	34,318,548	12,115,695	4,578,770	1,273,008	7,676,832	1,006,301	2,784,869	2,459,895	1,909,173	514,006
1994–95	36,255,063	12,837,030	4,814,366	1,348,617	8,082,388	1,096,566	2,943,284	2,526,104	2,057,116	549,593
1995–96 ² ..	37,693,678	13,289,323	5,146,842	1,419,733	8,211,609	1,134,159	3,082,968	2,596,786	2,235,290	576,968
Percentage distribution										
1976–77	100.0	39.0	13.0	3.7	18.4	3.5	8.1	9.1	4.0	1.2
1979–80	100.0	38.8	12.5	3.8	19.5	3.7	8.1	9.2	3.5	1.0
1980–81	100.0	38.5	12.9	3.8	19.7	3.2	8.3	9.1	3.5	1.0
1981–82	100.0	38.8	13.1	3.8	19.3	3.2	8.1	9.4	3.5	0.9
1982–83	100.0	38.8	13.1	3.8	19.2	3.3	8.1	9.4	3.5	0.9
1983–84	100.0	38.6	13.1	3.7	19.1	3.3	8.0	9.4	3.6	1.0
1984–85	100.0	38.3	13.7	3.7	19.4	3.2	8.0	9.2	3.6	0.9
1985–86	100.0	37.7	13.9	3.7	19.7	3.2	8.0	8.8	3.8	1.2
1986–87	100.0	38.0	14.0	3.7	20.0	3.1	7.8	8.3	3.8	1.2
1987–88	100.0	37.3	13.9	3.7	20.6	3.2	7.8	8.1	4.0	1.4
1988–89	100.0	36.8	13.9	3.7	21.0	3.1	8.0	7.9	4.2	1.3
1989–90	100.0	36.6	13.9	3.7	21.3	3.1	8.0	7.8	4.3	1.4
1990–91	100.0	36.3	13.7	3.6	21.7	3.0	8.2	7.6	4.5	1.4
1991–92	100.0	36.0	13.3	3.7	22.0	3.0	8.3	7.4	4.9	1.5
1992–93	100.0	35.7	13.1	3.7	22.3	2.9	8.3	7.2	5.3	1.5
1993–94	100.0	35.3	13.3	3.7	22.4	2.9	8.1	7.2	5.6	1.5
1994–95	100.0	35.4	13.3	3.7	22.3	3.0	8.1	7.0	5.7	1.5
1995–96 ² ..	100.0	35.3	13.7	3.8	21.8	3.0	8.2	6.9	5.9	1.5
Expenditure per full-time-equivalent student in constant 1995–96 dollars										
1976–77	\$15,112	\$5,893	\$1,962	\$557	\$2,774	\$532	\$1,226	\$1,377	\$606	\$185
1977–78	15,247	5,982	2,006	579	2,829	512	1,198	1,401	581	158
1978–79	15,801	6,172	2,070	587	2,991	510	1,289	1,466	555	160
1979–80	15,633	6,059	1,960	590	3,047	578	1,262	1,432	548	156
1980–81	15,391	5,929	1,981	580	3,026	499	1,278	1,401	543	154
1981–82	15,172	5,890	1,987	570	2,922	492	1,231	1,421	529	131
1982–83	15,139	5,878	1,983	569	2,905	497	1,224	1,424	530	130
1983–84	15,506	5,980	2,036	579	2,964	519	1,246	1,464	562	154
1984–85	16,236	6,215	2,225	601	3,153	522	1,301	1,495	580	144
1985–86	16,868	6,357	2,347	621	3,319	545	1,356	1,491	635	198
1986–87	17,162	6,521	2,407	639	3,428	528	1,345	1,426	660	208
1987–88	17,628	6,581	2,448	658	3,631	564	1,373	1,430	702	243
1988–89	17,961	6,613	2,500	671	3,764	559	1,440	1,422	753	239
1989–90	18,081	6,613	2,506	668	3,848	556	1,451	1,418	773	249
1990–91	18,237	6,613	2,497	662	3,963	544	1,489	1,384	821	262
1991–92	18,133	6,534	2,412	667	3,985	543	1,499	1,335	894	263
1992–93	18,577	6,624	2,443	685	4,147	543	1,536	1,338	981	279
1993–94	18,957	6,693	2,529	703	4,241	556	1,538	1,359	1,055	284
1994–95	19,513	6,909	2,591	726	4,350	590	1,584	1,360	1,107	296
1995–96 ² ..	19,700	6,946	2,690	742	4,292	593	1,611	1,357	1,168	302

¹ Includes institutional and academic support less libraries.² Preliminary data.

NOTE.—Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 343.—Educational and general expenditures of public 4-year colleges, ¹ by purpose: 1976–77 to 1995–96

Year	Educational and general expenditures									
	Total	Instruction	Administration ²	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$8,682,538	\$4,027,051	\$1,445,651	\$500,832	\$607,235	\$340,002	\$250,152	\$1,001,848	\$338,432	\$171,335
1977–78	9,568,977	4,423,487	1,598,092	572,193	677,414	369,408	274,314	1,118,393	332,899	202,777
1978–79	10,455,134	4,770,598	1,789,534	651,541	786,072	395,299	301,387	1,214,996	337,588	208,119
1979–80	11,750,398	5,271,621	2,029,327	733,557	937,874	448,190	359,467	1,375,308	383,036	212,019
1980–81	13,139,618	5,890,759	2,258,987	807,249	1,043,614	511,817	407,816	1,563,514	412,972	242,890
1981–82	14,321,586	6,537,888	2,518,182	834,225	1,086,146	536,080	440,736	1,738,210	403,069	227,050
1982–83	15,286,145	6,980,269	2,660,360	904,745	1,150,011	559,353	469,841	1,857,151	450,067	254,349
1983–84	16,538,128	7,464,035	3,013,666	1,041,488	1,246,289	622,879	513,732	1,873,628	473,503	288,908
1984–85	18,333,578	8,211,171	3,370,676	1,140,312	1,420,844	669,518	603,018	2,137,225	489,188	291,626
1985–86	19,860,947	8,945,373	3,658,627	1,235,418	1,618,737	712,112	648,178	2,118,522	569,841	354,139
1986–87	21,490,078	9,608,239	4,019,850	1,318,666	1,846,712	695,692	766,865	2,226,599	660,940	346,515
1987–88	23,124,455	10,310,532	4,261,440	1,434,726	2,053,638	774,274	864,347	2,340,495	711,704	373,299
1988–89	24,639,653	10,991,086	4,496,286	1,504,869	2,305,152	813,801	941,434	2,429,103	754,412	403,508
1989–90	27,210,634	12,079,093	5,076,792	1,648,526	2,525,080	888,526	1,088,113	2,607,385	871,944	425,175
1990–91	28,903,790	12,818,677	5,374,417	1,800,723	2,745,613	888,162	1,145,892	2,728,949	963,436	437,921
1991–92	30,720,827	13,270,992	5,805,724	1,868,329	2,986,474	945,097	1,310,700	2,782,200	1,248,220	503,091
1992–93	33,119,294	13,906,211	6,416,859	2,164,309	3,246,542	979,635	1,447,684	2,960,373	1,457,901	539,779
1993–94	34,477,869	14,519,321	6,477,847	2,135,560	3,473,971	1,018,304	1,525,406	3,084,509	1,685,785	557,166
1994–95	36,659,833	15,321,392	6,909,606	2,236,127	3,717,964	1,084,945	1,647,855	3,175,330	1,884,283	682,332
1995–96 ³ ..	38,115,758	15,600,219	7,502,742	2,217,691	3,841,169	1,105,930	1,761,690	3,328,604	2,068,459	689,256
Percentage distribution										
1976–77	100.0	46.4	16.7	5.8	7.0	3.9	2.9	11.5	3.9	2.0
1979–80	100.0	44.9	17.3	6.2	8.0	3.8	3.1	11.7	3.3	1.8
1980–81	100.0	44.8	17.2	6.1	7.9	3.9	3.1	11.9	3.1	1.8
1981–82	100.0	45.7	17.6	5.8	7.6	3.7	3.1	12.1	2.8	1.6
1982–83	100.0	45.7	17.4	5.9	7.5	3.7	3.1	12.1	2.9	1.7
1983–84	100.0	45.1	18.2	6.3	7.5	3.8	3.1	11.3	2.9	1.7
1984–85	100.0	44.8	18.4	6.2	7.7	3.7	3.3	11.7	2.7	1.6
1985–86	100.0	45.0	18.4	6.2	8.2	3.6	3.3	10.7	2.9	1.8
1986–87	100.0	44.7	18.7	6.1	8.6	3.2	3.6	10.4	3.1	1.6
1987–88	100.0	44.6	18.4	6.2	8.9	3.3	3.7	10.1	3.1	1.6
1988–89	100.0	44.6	18.2	6.1	9.4	3.3	3.8	9.9	3.1	1.6
1989–90	100.0	44.4	18.7	6.1	9.3	3.3	4.0	9.6	3.2	1.6
1990–91	100.0	44.3	18.6	6.2	9.5	3.1	4.0	9.4	3.3	1.5
1991–92	100.0	43.2	18.9	6.1	9.7	3.1	4.3	9.1	4.1	1.6
1992–93	100.0	42.0	19.4	6.5	9.8	3.0	4.4	8.9	4.4	1.6
1993–94	100.0	42.1	18.8	6.2	10.1	3.0	4.4	8.9	4.9	1.6
1994–95	100.0	41.8	18.8	6.1	10.1	3.0	4.5	8.7	5.1	1.9
1995–96 ³ ..	100.0	40.9	19.7	5.8	10.1	2.9	4.6	8.7	5.4	1.8
Expenditure per full-time-equivalent student in constant 1995–96 dollars										
1976–77	\$11,020	\$5,111	\$1,835	\$636	\$771	\$432	\$317	\$1,272	\$430	\$217
1979–80	11,598	5,203	2,003	724	926	442	355	1,357	378	209
1980–81	11,482	5,148	1,974	705	912	447	356	1,366	361	212
1981–82	11,425	5,215	2,009	665	866	428	352	1,387	322	181
1982–83	11,148	5,091	1,940	660	839	408	343	1,354	328	185
1983–84	11,265	5,084	2,053	709	849	424	350	1,276	323	197
1984–85	11,892	5,326	2,186	740	922	434	391	1,386	317	189
1985–86	12,283	5,532	2,263	764	1,001	440	401	1,310	352	219
1986–87	12,278	5,489	2,297	753	1,055	397	438	1,272	378	198
1987–88	12,527	5,586	2,309	777	1,113	419	468	1,268	386	202
1988–89	12,335	5,502	2,251	753	1,154	407	471	1,216	378	202
1989–90	12,447	5,525	2,322	754	1,155	406	498	1,193	399	194
1990–91	12,102	5,367	2,250	754	1,150	372	480	1,143	403	183
1991–92	12,254	5,294	2,316	745	1,191	377	523	1,110	498	201
1992–93	12,706	5,335	2,462	830	1,245	376	555	1,136	559	207
1993–94	12,862	5,416	2,417	797	1,296	380	569	1,151	629	208
1994–95	13,309	5,562	2,508	812	1,350	394	598	1,153	684	248
1995–96 ³ ..	13,403	5,486	2,638	780	1,351	389	619	1,170	727	242

¹ Excludes universities. See preceding table.² Includes institutional and academic support less libraries.³ Preliminary data.

NOTE.—Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 344.—Educational and general expenditures of public 2-year colleges, by purpose: 1976–77 to 1995–96

Year	Educational and general expenditures									
	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$4,875,998	\$2,490,274	\$882,813	\$409,217	\$15,698	\$171,409	\$97,635	\$547,515	\$142,827	\$118,610
1977–78	5,336,153	2,700,489	1,035,206	437,060	9,333	188,201	112,944	605,464	117,996	129,458
1978–79	5,734,611	2,877,651	1,119,840	482,323	21,289	193,703	110,918	650,447	127,633	150,807
1979–80	6,334,777	3,185,815	1,204,082	547,457	26,288	202,583	141,000	743,014	147,865	136,672
1980–81	7,063,474	3,575,743	1,347,020	615,869	26,591	222,391	152,597	844,781	159,474	119,008
1981–82	7,757,435	3,947,065	1,473,733	684,650	15,632	262,697	147,385	952,691	160,109	113,473
1982–83	8,292,446	4,218,388	1,620,644	741,179	18,090	248,682	123,722	1,016,267	175,069	130,403
1983–84	8,820,575	4,481,854	1,748,535	775,084	18,189	263,485	150,109	1,076,371	178,500	128,448
1984–85	9,560,507	4,806,050	1,929,968	841,101	15,591	278,363	193,903	1,156,074	207,975	131,482
1985–86	10,252,955	5,116,884	2,122,060	920,299	10,136	295,691	202,440	1,220,646	225,979	138,820
1986–87	10,845,969	5,382,631	2,363,275	1,020,496	12,508	246,131	235,115	1,252,152	243,402	90,258
1987–88	11,666,586	5,741,049	2,479,661	1,157,858	11,358	316,278	264,809	1,326,748	280,247	88,578
1988–89	12,666,590	6,278,809	2,727,058	1,197,748	14,864	328,809	314,250	1,414,420	299,491	91,142
1989–90	13,875,566	6,909,109	2,977,932	1,344,339	19,213	353,165	336,927	1,526,086	314,906	93,889
1990–91	15,124,313	7,540,344	3,265,233	1,494,583	19,390	372,492	364,384	1,621,542	357,343	89,001
1991–92	16,267,915	8,183,678	3,408,080	1,660,958	24,747	393,325	365,281	1,684,796	450,572	96,477
1992–93	17,255,624	8,645,466	3,598,745	1,797,787	27,510	390,684	400,927	1,750,489	535,406	108,610
1993–94	18,342,808	9,053,480	3,858,066	1,906,802	29,560	424,504	431,444	1,888,780	627,964	122,207
1994–95	19,258,872	9,440,773	4,053,662	2,029,268	29,313	433,098	443,306	1,967,485	720,624	141,342
1995–96 ² ..	20,161,543	9,701,637	4,349,565	2,163,469	23,676	445,660	472,767	2,070,286	781,770	152,713
Percentage distribution										
1976–77	100.0	51.1	18.1	8.4	0.3	3.5	2.0	11.2	2.9	2.4
1979–80	100.0	50.3	19.0	8.6	0.4	3.2	2.2	11.7	2.3	2.2
1980–81	100.0	50.6	19.1	8.7	0.4	3.1	2.2	12.0	2.3	1.7
1981–82	100.0	50.9	19.0	8.8	0.2	3.4	1.9	12.3	2.1	1.5
1982–83	100.0	50.9	19.5	8.9	0.2	3.0	1.5	12.3	2.1	1.6
1983–84	100.0	50.8	19.8	8.8	0.2	3.0	1.7	12.2	2.0	1.5
1984–85	100.0	50.3	20.2	8.8	0.2	2.9	2.0	12.1	2.2	1.4
1985–86	100.0	49.9	20.7	9.0	0.1	2.9	2.0	11.9	2.2	1.4
1986–87	100.0	49.6	21.8	9.4	0.1	2.3	2.2	11.5	2.2	0.8
1987–88	100.0	49.2	21.3	9.9	0.1	2.7	2.3	11.4	2.4	0.8
1988–89	100.0	49.6	21.5	9.5	0.1	2.6	2.5	11.2	2.4	0.7
1989–90	100.0	49.8	21.5	9.7	0.1	2.5	2.4	11.0	2.3	0.7
1990–91	100.0	49.9	21.6	9.9	0.1	2.5	2.4	10.7	2.4	0.6
1991–92	100.0	50.3	20.9	10.2	0.2	2.4	2.2	10.4	2.8	0.6
1992–93	100.0	50.1	20.9	10.4	0.2	2.3	2.3	10.1	3.1	0.6
1993–94	100.0	49.4	21.0	10.4	0.2	2.3	2.4	10.3	3.4	0.7
1994–95	100.0	49.0	21.0	10.5	0.2	2.2	2.3	10.2	3.7	0.7
1995–96 ² ..	100.0	48.1	21.6	10.7	0.1	2.2	2.3	10.3	3.9	0.8
Expenditure per full-time-equivalent student in constant 1995–96 dollars										
1976–77	\$5,939	\$3,033	\$1,075	\$498	\$19	\$209	\$119	\$667	\$174	\$144
1977–78	5,971	3,022	1,158	489	10	211	126	677	132	145
1978–79	6,174	3,098	1,206	519	23	209	119	700	137	162
1979–80	6,071	3,053	1,154	525	25	194	135	712	142	131
1980–81	5,818	2,945	1,109	507	22	183	126	696	131	98
1981–82	5,812	2,957	1,104	513	12	197	110	714	120	85
1982–83	5,499	2,797	1,075	491	12	165	82	674	116	86
1983–84	5,576	2,833	1,105	490	11	167	95	680	113	81
1984–85	6,111	3,072	1,234	538	10	178	124	739	133	84
1985–86	6,292	3,140	1,302	565	6	181	124	749	139	85
1986–87	6,394	3,173	1,393	602	7	145	139	738	143	53
1987–88	6,309	3,104	1,341	626	6	171	143	717	152	48
1988–89	6,379	3,162	1,373	603	7	166	158	712	151	46
1989–90	6,206	3,090	1,332	601	9	158	151	683	141	42
1990–91	6,276	3,129	1,355	620	8	155	151	673	148	37
1991–92	5,988	3,012	1,254	611	9	145	134	620	166	36
1992–93	6,078	3,045	1,268	633	10	138	141	617	189	38
1993–94	6,390	3,154	1,344	664	10	148	150	658	219	43
1994–95	6,534	3,203	1,375	689	10	147	150	668	245	48
1995–96 ² ..	6,733	3,240	1,452	722	8	149	158	691	261	51

¹ Includes institutional and academic support less libraries.

² Preliminary data.

NOTE.—Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 345.—Educational and general expenditures of private (nonprofit) universities, by purpose: 1976–77 to 1995–96

Year	Educational and general expenditures									
	Total	Instruction	Administration ¹	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$4,694,593	\$1,784,975	\$621,733	\$156,457	\$988,656	\$195,146	\$105,011	\$411,340	\$380,821	\$50,453
1977–78	5,120,125	1,943,031	683,988	172,261	1,063,906	215,068	108,201	447,743	427,907	58,019
1978–79	5,675,608	2,120,800	796,751	195,238	1,175,657	221,676	119,082	510,819	460,200	75,385
1979–80	6,408,288	2,426,312	908,580	215,646	1,315,469	236,184	148,028	568,806	507,257	82,006
1980–81	7,249,102	2,763,320	1,009,957	254,872	1,436,318	267,142	149,946	660,152	596,241	111,154
1981–82	7,951,934	3,105,731	1,100,088	289,398	1,505,340	294,523	160,496	752,673	650,285	93,401
1982–83	8,198,167	3,227,925	1,214,617	304,617	1,464,809	295,709	169,382	754,480	670,390	96,238
1983–84	9,491,967	3,660,650	1,445,910	350,096	1,683,020	360,238	187,615	859,065	833,108	112,266
1984–85	10,431,950	3,965,165	1,556,854	393,526	1,892,570	366,356	253,010	930,229	931,027	143,212
1985–86	11,407,571	4,308,432	1,711,155	438,678	2,108,731	397,745	271,271	981,131	1,040,677	149,751
1986–87	13,013,183	4,998,565	1,977,175	502,291	2,399,976	397,460	332,223	1,006,334	1,218,002	181,159
1987–88	13,876,586	5,209,101	2,107,206	529,261	2,597,435	484,987	340,475	1,073,880	1,328,775	205,464
1988–89	15,123,369	5,743,104	2,293,256	565,903	2,786,178	510,820	377,820	1,135,273	1,472,675	238,340
1989–90	16,363,342	6,188,447	2,411,051	607,623	3,048,455	555,752	414,916	1,231,028	1,615,096	290,974
1990–91	17,827,649	6,827,220	2,633,605	669,160	3,170,083	567,800	456,615	1,383,686	1,833,124	286,357
1991–92	19,307,030	7,367,629	2,852,739	711,041	3,364,795	624,416	484,871	1,453,365	2,142,466	305,707
1992–93	20,435,319	7,844,576	2,874,208	719,657	3,648,010	644,005	547,159	1,495,825	2,322,331	339,547
1993–94	21,702,227	8,347,500	3,009,434	772,524	3,831,668	693,223	603,658	1,578,840	2,481,742	383,638
1994–95	23,059,247	8,838,806	3,158,159	820,099	4,121,604	752,683	612,464	1,632,166	2,680,828	442,438
1995–96 ² ..	24,094,517	9,004,148	3,691,277	903,900	4,243,335	777,957	621,908	1,662,803	2,754,177	435,014
Percentage distribution										
1976–77	100.0	38.0	13.2	3.3	21.1	4.2	2.2	8.8	8.1	1.1
1979–80	100.0	37.9	14.2	3.4	20.5	3.7	2.3	8.9	7.9	1.3
1980–81	100.0	38.1	13.9	3.5	19.8	3.7	2.1	9.1	8.2	1.5
1981–82	100.0	39.1	13.8	3.6	18.9	3.7	2.0	9.5	8.2	1.2
1982–83	100.0	39.4	14.8	3.7	17.9	3.6	2.1	9.2	8.2	1.2
1983–84	100.0	38.6	15.2	3.7	17.7	3.8	2.0	9.1	8.8	1.2
1984–85	100.0	38.0	14.9	3.8	18.1	3.5	2.4	8.9	8.9	1.4
1985–86	100.0	37.8	15.0	3.8	18.5	3.5	2.4	8.6	9.1	1.3
1986–87	100.0	38.4	15.2	3.9	18.4	3.1	2.6	7.7	9.4	1.4
1987–88	100.0	37.5	15.2	3.8	18.7	3.5	2.5	7.7	9.6	1.5
1988–89	100.0	38.0	15.2	3.7	18.4	3.4	2.5	7.5	9.7	1.6
1989–90	100.0	37.8	14.7	3.7	18.6	3.4	2.5	7.5	9.9	1.8
1990–91	100.0	38.3	14.8	3.8	17.8	3.2	2.6	7.8	10.3	1.6
1991–92	100.0	38.2	14.8	3.7	17.4	3.2	2.5	7.5	11.1	1.6
1992–93	100.0	38.4	14.1	3.5	17.9	3.2	2.7	7.3	11.4	1.7
1993–94	100.0	38.5	13.9	3.6	17.7	3.2	2.8	7.3	11.4	1.8
1994–95	100.0	38.3	13.7	3.6	17.9	3.3	2.7	7.1	11.6	1.9
1995–96 ² ..	100.0	37.4	15.3	3.8	17.6	3.2	2.6	6.9	11.4	1.8
Expenditure per full-time-equivalent student in constant 1995–96 dollars										
1976–77	\$23,395	\$8,895	\$3,098	\$780	\$4,927	\$972	\$523	\$2,050	\$1,898	\$251
1977–78	23,119	8,773	3,088	778	4,804	971	489	2,022	1,932	262
1978–79	23,411	8,748	3,287	805	4,849	914	491	2,107	1,898	311
1979–80	23,750	8,992	3,367	799	4,875	875	549	2,108	1,880	304
1980–81	24,040	9,164	3,349	845	4,763	886	497	2,189	1,977	369
1981–82	23,947	9,353	3,313	871	4,533	887	483	2,267	1,958	281
1982–83	24,140	9,505	3,577	897	4,313	871	499	2,222	1,974	283
1983–84	25,909	9,992	3,947	956	4,594	983	512	2,345	2,274	306
1984–85	26,964	10,249	4,024	1,017	4,892	947	654	2,404	2,406	370
1985–86	27,983	10,569	4,198	1,076	5,173	976	665	2,407	2,553	367
1986–87	30,544	11,732	4,641	1,179	5,633	933	780	2,362	2,859	425
1987–88	30,934	11,612	4,697	1,180	5,790	1,081	759	2,394	2,962	458
1988–89	31,609	12,004	4,793	1,183	5,823	1,068	790	2,373	3,078	498
1989–90	31,961	12,087	4,709	1,187	5,954	1,085	810	2,404	3,155	568
1990–91	32,945	12,616	4,867	1,237	5,858	1,049	844	2,557	3,388	529
1991–92	33,901	12,937	5,009	1,248	5,908	1,096	851	2,552	3,762	537
1992–93	34,848	13,377	4,901	1,227	6,221	1,098	933	2,551	3,960	579
1993–94	35,876	13,799	4,975	1,277	6,334	1,146	998	2,610	4,103	634
1994–95	36,806	14,108	5,041	1,309	6,579	1,201	978	2,605	4,279	706
1995–96 ² ..	37,200	13,902	5,699	1,396	6,551	1,201	960	2,567	4,252	672

¹ Includes institutional and academic support less libraries.² Preliminary data.

NOTE.—Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 346.—Educational and general expenditures of private (nonprofit) 4-year colleges,¹ by purpose: 1976–77 to 1995–96

Year	Educational and general expenditures									
	Total	Instruction	Administration ²	Student services	Research	Libraries	Public service	Operation and maintenance of plant	Scholarships and fellowships	Mandatory transfers
1	2	3	4	5	6	7	8	9	10	11
Expenditures, in thousands of current dollars										
1976–77	\$5,139,939	\$1,919,574	\$1,047,932	\$381,428	\$259,530	\$200,844	\$123,717	\$574,910	\$511,907	\$120,097
1977–78	5,637,836	2,114,043	1,160,141	428,265	271,637	221,807	123,214	638,330	550,372	130,026
1978–79	6,263,692	2,328,418	1,299,063	483,031	328,042	240,098	136,861	704,180	598,487	145,513
1979–80	7,063,953	2,589,908	1,466,556	549,639	374,520	259,969	153,056	807,943	694,791	167,570
1980–81	8,061,774	2,907,255	1,703,307	639,795	407,622	289,944	186,399	930,075	811,636	185,741
1981–82	9,061,667	3,271,255	1,938,727	727,382	419,283	322,702	228,368	1,036,118	913,999	203,834
1982–83	9,805,459	3,552,387	2,124,446	804,943	437,286	356,768	236,142	1,092,836	983,887	216,764
1983–84	10,845,622	3,900,082	2,347,962	890,707	480,459	388,153	259,932	1,184,788	1,149,813	243,726
1984–85	11,835,351	4,213,485	2,564,844	980,416	539,322	416,539	289,124	1,251,490	1,312,673	267,459
1985–86	12,855,040	4,507,505	2,790,504	1,067,717	623,050	446,766	328,827	1,317,062	1,481,954	291,654
1986–87	14,232,003	4,886,585	3,249,910	1,184,395	693,450	410,013	384,594	1,386,729	1,717,948	318,379
1987–88	15,405,503	5,248,764	3,403,379	1,293,302	776,022	485,517	456,111	1,462,345	1,966,124	313,939
1988–89	16,980,645	5,738,789	3,766,237	1,437,829	848,094	530,032	495,683	1,596,786	2,198,328	368,866
1989–90	18,717,398	6,276,102	4,097,242	1,599,951	909,822	578,520	581,730	1,712,000	2,547,600	414,432
1990–91	20,374,743	6,809,318	4,533,043	1,770,071	901,357	589,052	624,663	1,809,977	2,898,547	438,715
1991–92	22,121,380	7,320,211	4,723,853	1,919,662	942,407	659,416	714,728	1,896,424	3,478,153	466,528
1992–93	23,609,625	7,743,656	4,887,700	2,044,830	1,036,676	680,457	821,381	1,995,164	3,900,807	498,954
1993–94	25,262,199	8,169,221	5,199,838	2,205,411	1,104,561	733,711	893,500	2,112,367	4,316,138	527,451
1994–95	26,999,085	8,714,437	5,438,969	2,350,717	1,157,255	764,903	1,040,959	2,195,045	4,739,447	597,354
1995–96 ³ ..	28,875,543	9,402,691	5,851,682	2,541,516	1,198,549	798,027	1,100,983	2,345,694	5,097,295	539,106
Percentage distribution										
1976–77	100.0	37.3	20.4	7.4	5.0	3.9	2.4	11.2	10.0	2.3
1979–80	100.0	36.7	20.8	7.8	5.3	3.7	2.2	11.4	9.8	2.4
1980–81	100.0	36.1	21.1	7.9	5.1	3.6	2.3	11.5	10.1	2.3
1981–82	100.0	36.1	21.4	8.0	4.6	3.6	2.5	11.4	10.1	2.2
1982–83	100.0	36.2	21.7	8.2	4.5	3.6	2.4	11.1	10.0	2.2
1983–84	100.0	36.0	21.6	8.2	4.4	3.6	2.4	10.9	10.6	2.2
1984–85	100.0	35.6	21.7	8.3	4.6	3.5	2.4	10.6	11.1	2.3
1985–86	100.0	35.1	21.7	8.3	4.8	3.5	2.6	10.2	11.5	2.3
1986–87	100.0	34.3	22.8	8.3	4.9	2.9	2.7	9.7	12.1	2.2
1987–88	100.0	34.1	22.1	8.4	5.0	3.2	3.0	9.5	12.8	2.0
1988–89	100.0	33.8	22.2	8.5	5.0	3.1	2.9	9.4	12.9	2.2
1989–90	100.0	33.5	21.9	8.5	4.9	3.1	3.1	9.1	13.6	2.2
1990–91	100.0	33.4	22.2	8.7	4.4	2.9	3.1	8.9	14.2	2.2
1991–92	100.0	33.1	21.4	8.7	4.3	3.0	3.2	8.6	15.7	2.1
1992–93	100.0	32.8	20.7	8.7	4.4	2.9	3.5	8.5	16.5	2.1
1993–94	100.0	32.3	20.6	8.7	4.4	2.9	3.5	8.4	17.1	2.1
1994–95	100.0	32.3	20.1	8.7	4.3	2.8	3.9	8.1	17.6	2.2
1995–96 ³ ..	100.0	32.6	20.3	8.8	4.2	2.8	3.8	8.1	17.7	1.9
Expenditure per full-time-equivalent student in constant 1995–96 dollars										
1976–77	\$11,533	\$4,307	\$2,351	\$856	\$582	\$451	\$278	\$1,290	\$1,149	\$269
1977–78	11,481	4,305	2,363	872	553	452	251	1,300	1,121	265
1978–79	11,623	4,321	2,411	896	609	446	254	1,307	1,111	270
1979–80	11,821	4,334	2,454	920	627	435	256	1,352	1,163	280
1980–81	11,876	4,283	2,509	943	600	427	275	1,370	1,196	274
1981–82	12,028	4,342	2,573	965	557	428	303	1,375	1,213	271
1982–83	12,279	4,449	2,660	1,008	548	447	296	1,369	1,232	271
1983–84	12,693	4,564	2,748	1,042	562	454	304	1,387	1,346	285
1984–85	13,152	4,682	2,850	1,090	599	463	321	1,391	1,459	297
1985–86	13,605	4,770	2,953	1,130	659	473	348	1,394	1,568	309
1986–87	14,409	4,947	3,290	1,199	702	415	389	1,404	1,739	322
1987–88	14,768	5,032	3,263	1,240	744	465	437	1,402	1,885	301
1988–89	14,916	5,041	3,308	1,263	745	466	435	1,403	1,931	324
1989–90	15,167	5,085	3,320	1,296	737	469	471	1,387	2,064	336
1990–91	15,417	5,153	3,430	1,339	682	446	473	1,370	2,193	332
1991–92	15,802	5,229	3,374	1,371	673	471	511	1,355	2,485	333
1992–93	15,954	5,233	3,303	1,382	701	460	555	1,348	2,636	337
1993–94	16,340	5,284	3,363	1,427	714	475	578	1,366	2,792	341
1994–95	16,789	5,419	3,382	1,462	720	476	647	1,365	2,947	371
1995–96 ³ ..	17,177	5,593	3,481	1,512	713	475	655	1,395	3,032	321

¹ Excludes universities. See preceding table.

² Includes institutional and academic support less libraries.

³ Preliminary data.

NOTE.—Data in this table may differ slightly from data appearing in other tables. Data for 1976–77 through 1985–86 include only institutions which provided both enrollment and finance data. The Higher Education Price Index was used to convert the per student figures to constant dollars. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys; and Research Associates of Washington, unpublished data. (This table was prepared October 1998.)

Table 347.—Current-fund expenditures of public institutions of higher education and degree-granting institutions, by state: 1980–81 to 1995–96
 [In thousands of dollars]

State	Institutions of higher education									Degree-granting institutions, 1995–96 ²
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹	Percent change, 1990–91 to 1995–96	
1	2	3	4	5	6	7	8	9	10	11
United States	\$42,279,806	\$63,193,853	\$92,961,093	\$98,847,180	\$104,570,101	\$109,309,541	\$115,464,975	\$119,400,868	28.4	\$119,524,500
Alabama	839,366	1,324,774	2,054,798	2,189,029	2,428,620	2,510,081	2,648,077	2,715,643	32.2	2,715,643
Alaska	158,700	224,042	289,606	306,218	322,620	336,405	336,584	352,811	21.8	352,811
Arizona	691,481	1,017,203	1,586,891	1,620,019	1,621,716	1,754,682	1,854,180	1,963,390	23.7	1,976,169
Arkansas	340,621	528,831	797,291	878,783	976,735	1,002,908	1,070,668	1,153,714	44.7	1,181,083
California	5,775,482	8,515,440	12,023,304	12,910,152	13,537,367	13,244,130	13,899,338	14,274,642	18.7	14,284,348
Colorado	738,363	1,057,558	1,452,137	1,546,642	1,670,921	1,760,679	1,862,438	1,974,306	36.0	1,974,306
Connecticut	367,850	562,696	886,846	957,627	981,286	1,026,593	1,134,014	1,169,349	31.9	1,168,038
Delaware	158,332	229,377	367,012	396,947	416,699	442,488	469,085	491,597	33.9	491,597
District of Columbia	71,791	80,764	97,556	99,535	98,826	97,072	99,351	98,632	1.1	103,072
Florida	1,170,305	1,782,180	2,896,046	2,988,794	3,179,353	3,408,957	3,549,470	3,727,585	28.7	3,714,984
Georgia	754,060	1,255,964	1,929,993	2,015,816	2,227,608	2,453,100	2,728,682	2,953,792	53.0	2,835,505
Hawaii	222,718	312,248	498,307	575,337	602,346	613,356	653,303	634,970	27.4	634,970
Idaho	166,844	238,438	353,561	391,441	409,167	445,463	473,733	503,014	42.3	510,601
Illinois	1,780,403	2,571,409	3,528,967	3,644,740	3,877,243	4,053,858	4,293,437	4,498,142	27.5	4,498,142
Indiana	1,064,395	1,602,203	2,391,173	2,643,997	2,671,055	2,858,990	2,967,184	2,783,027	16.4	2,783,027
Iowa	767,590	1,092,542	1,734,476	1,776,217	1,899,159	1,981,068	2,051,631	2,163,536	24.7	2,163,536
Kansas	579,857	848,602	1,190,573	1,262,215	1,329,587	1,429,200	1,495,926	1,536,701	29.1	1,547,154
Kentucky	673,775	898,718	1,400,529	1,514,985	1,516,017	1,577,584	1,663,738	1,779,945	27.1	1,779,945
Louisiana	716,702	1,039,177	1,439,415	1,541,126	1,800,188	1,835,151	1,909,675	1,911,633	32.8	1,970,177
Maine	153,658	216,737	355,074	362,905	375,090	387,991	391,269	404,171	13.8	407,819
Maryland	795,100	1,064,430	1,684,341	1,674,918	1,829,812	1,940,403	1,997,636	2,136,898	26.9	2,136,898
Massachusetts	553,019	980,585	1,435,063	1,474,589	1,605,121	1,496,856	1,557,225	1,641,256	14.4	1,647,254
Michigan	2,053,795	2,946,336	4,416,914	4,741,682	4,925,759	5,095,422	5,395,757	5,653,791	28.0	5,653,791
Minnesota	876,632	1,324,691	2,012,225	2,219,016	2,286,336	2,459,437	2,624,464	2,689,857	33.7	2,694,395
Mississippi	539,222	706,380	1,022,366	1,012,544	1,102,806	1,200,196	1,358,795	1,429,107	46.1	1,440,692
Missouri	687,643	999,869	1,453,608	1,501,166	1,582,746	1,694,484	1,836,878	1,988,392	36.8	1,994,150
Montana	121,894	182,102	254,175	320,876	337,189	350,943	376,618	402,792	58.5	402,792
Nebraska	378,928	537,858	848,778	916,814	968,407	1,004,263	1,076,670	1,143,547	34.7	1,143,547
Nevada	111,347	180,107	330,592	363,306	377,786	415,785	447,901	505,518	52.9	505,518
New Hampshire	134,391	183,959	281,542	307,217	335,575	360,833	371,554	390,816	38.8	390,816
New Jersey	903,169	1,406,490	2,309,968	2,489,088	2,630,533	2,809,931	2,982,535	3,064,901	32.7	3,064,901
New Mexico	325,960	456,600	896,299	1,010,859	1,069,497	1,142,903	1,278,741	1,315,168	46.7	1,329,422
New York	2,519,104	3,802,602	5,605,621	5,681,964	6,096,863	6,481,594	6,922,118	6,728,593	20.0	6,728,593
North Carolina	1,128,383	1,799,173	2,581,156	2,770,977	3,002,915	3,192,215	3,406,215	3,538,606	37.1	3,538,606
North Dakota	192,046	288,214	367,959	408,219	419,268	432,190	456,730	440,332	19.7	440,332
Ohio	1,784,754	2,718,408	4,084,840	4,359,943	4,389,408	4,640,316	4,907,686	4,812,773	17.8	4,818,930
Oklahoma	583,174	844,829	1,057,248	1,158,696	1,177,061	1,214,084	1,263,002	1,329,938	25.8	1,329,938
Oregon	642,411	880,696	1,329,794	1,484,621	1,560,699	1,623,771	1,756,424	1,815,638	36.5	1,815,638
Pennsylvania	1,544,586	2,392,145	3,602,685	3,904,332	4,004,062	4,240,094	4,506,833	4,781,347	32.7	4,781,347
Rhode Island	158,365	213,253	292,199	303,606	330,038	331,359	344,457	353,270	20.9	353,270
South Carolina	617,963	951,848	1,475,074	1,595,552	1,702,419	1,766,671	1,817,631	1,903,952	29.1	1,903,952
South Dakota	124,103	149,092	197,853	217,756	240,061	259,120	252,443	262,682	32.8	290,868
Tennessee	665,885	1,081,052	1,585,614	1,621,202	1,776,066	1,911,953	2,042,171	2,061,946	30.0	2,062,547
Texas	2,736,276	4,375,082	5,959,584	6,370,847	6,982,016	7,414,174	7,817,433	8,296,878	39.2	8,300,915
Utah	405,314	669,714	993,625	1,116,845	1,174,239	1,260,797	1,354,017	1,442,592	45.2	1,442,592
Vermont	122,708	188,112	274,746	294,045	298,626	306,100	316,455	329,457	19.9	329,457
Virginia	1,143,755	1,825,156	2,812,109	2,939,683	3,072,851	3,301,020	3,414,167	3,515,201	25.0	3,515,201
Washington	993,171	1,399,780	2,157,074	2,278,549	2,486,455	2,639,504	2,807,168	2,909,056	34.9	2,945,074
West Virginia	317,482	376,293	548,802	582,453	609,447	650,642	674,664	717,095	30.7	718,596
Wisconsin	1,208,396	1,754,395	2,469,260	2,596,853	2,726,350	2,872,001	2,941,034	3,022,205	22.4	3,024,877
Wyoming	126,082	203,307	240,216	265,048	260,592	271,396	294,334	291,864	21.5	291,864
U.S. Service Schools	592,454	912,393	1,150,209	1,241,392	1,267,497	1,309,330	1,313,438	1,394,800	21.3	1,394,800
Outlying areas	268,310	451,370	516,958	574,988	654,292	662,130	727,524	813,290	57.3	809,779
American Samoa	1,609	1,092	3,187	3,228	3,356	3,416	3,483	15,486	386.0	15,486
Federated States of Micronesia	—	—	3,777	3,765	3,294	3,520	5,056	8,442	123.5	8,442
Guam	16,100	31,310	57,645	67,220	71,917	66,913	81,148	68,230	18.4	68,230
Marshall Islands	—	—	—	3,588	1,298	1,527	1,237	1,282	—	1,282
Northern Marianas	—	1,350	2,798	3,194	2,505	3,214	12,366	15,029	437.2	15,029
Palau	—	—	3,837	3,687	4,485	3,476	3,667	5,942	54.9	5,942
Puerto Rico	237,319	394,046	385,511	434,032	536,917	546,575	586,910	663,128	72.0	659,617
Trust Territory of the Pacific	1,447	5,992	—	—	—	—	—	—	—	—
Virgin Islands	11,835	17,580	60,202	56,274	30,520	33,489	33,656	35,750	-40.6	35,750

¹ Preliminary data.

² Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
 —Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

NOTE.—Because of rounding, details may not add to totals.

Table 348.—Educational and general expenditures of public institutions of higher education and degree-granting institutions, by state: 1980–81 to 1995–96
 [In thousands of dollars]

State	Institutions of higher education									Degree-granting institutions, 1995–96 ²
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 ¹	Percent change, 1990–91 to 1995–96	
1	2	3	4	5	6	7	8	9	10	11
United States	\$34,173,013	\$50,872,962	\$74,395,428	\$78,554,534	\$83,210,979	\$87,139,226	\$92,173,768	\$95,970,979	29.0	\$96,085,623
Alabama	611,409	979,770	1,415,440	1,456,605	1,580,484	1,710,955	1,834,533	1,880,788	32.9	1,880,788
Alaska	150,421	210,894	273,577	288,999	304,137	316,779	316,397	331,723	21.3	331,723
Arizona	554,120	862,816	1,364,060	1,407,819	1,409,122	1,523,655	1,653,840	1,747,648	28.1	1,759,890
Arkansas	266,522	415,800	633,194	604,885	676,378	707,166	746,129	817,974	29.2	843,906
California	4,847,879	7,049,635	9,615,356	10,341,888	11,000,665	10,734,842	11,280,758	11,709,716	21.8	11,719,821
Colorado	561,552	809,621	1,258,356	1,363,615	1,452,957	1,529,290	1,604,656	1,705,832	35.6	1,705,832
Connecticut	281,581	439,397	673,182	736,202	731,570	771,954	883,759	912,566	35.6	911,255
Delaware	135,164	202,331	325,838	349,369	366,801	387,810	413,692	429,293	31.8	429,293
District of Columbia	71,245	79,922	96,411	98,973	97,586	95,824	98,041	97,399	1.0	101,839
Florida	1,071,754	1,638,227	2,657,553	2,710,041	2,904,932	3,101,072	3,234,938	3,402,373	28.0	3,390,561
Georgia	628,939	1,046,341	1,617,020	1,665,009	1,834,141	2,037,534	2,277,756	2,484,493	53.6	2,366,561
Hawaii	202,154	282,058	454,880	526,269	546,473	556,567	590,389	569,448	25.2	569,448
Idaho	141,296	202,736	303,224	334,762	346,932	375,289	395,733	420,747	38.8	428,068
Illinois	1,487,123	2,152,955	2,979,768	3,068,891	3,245,802	3,397,183	3,583,012	3,794,018	27.3	3,794,018
Indiana	771,564	1,183,098	1,842,610	1,935,566	2,014,834	2,105,645	2,196,013	2,300,841	24.9	2,300,841
Iowa	512,205	736,894	1,172,328	1,184,382	1,267,646	1,354,777	1,392,753	1,459,013	24.5	1,459,013
Kansas	461,979	660,995	928,772	994,560	1,059,683	1,134,392	1,196,211	1,234,345	32.9	1,244,531
Kentucky	527,235	737,101	1,112,190	1,208,448	1,212,211	1,254,859	1,321,523	1,419,040	27.6	1,419,040
Louisiana	557,825	810,479	1,135,955	1,215,771	1,275,446	1,339,408	1,449,305	1,513,214	33.2	1,570,429
Maine	127,983	183,349	308,699	316,116	324,515	338,776	343,665	356,682	15.5	360,331
Maryland	604,419	911,562	1,443,669	1,428,072	1,564,259	1,673,163	1,737,204	1,878,053	30.1	1,878,053
Massachusetts	441,068	779,341	1,122,629	1,165,598	1,295,720	1,339,199	1,400,824	1,470,591	31.0	1,476,589
Michigan	1,610,016	2,278,217	3,325,625	3,556,178	3,727,115	3,885,984	4,042,460	4,306,553	29.5	4,306,553
Minnesota	667,119	1,023,324	1,563,054	1,728,356	1,775,640	1,937,650	2,068,280	2,072,145	32.6	2,076,375
Mississippi	409,942	542,022	756,492	772,618	842,603	919,354	1,049,356	1,099,535	45.3	1,111,120
Missouri	553,793	802,936	1,155,531	1,184,338	1,260,304	1,339,527	1,456,516	1,560,758	35.1	1,566,489
Montana	99,990	148,099	210,813	262,480	279,323	303,495	322,880	350,086	66.1	350,086
Nebraska	286,122	397,523	600,224	639,475	672,427	706,454	727,977	753,703	25.6	753,703
Nevada	105,177	163,714	332,246	301,487	353,875	379,154	402,097	459,599	52.4	459,599
New Hampshire	104,285	143,191	229,360	252,021	275,138	295,687	304,474	316,456	38.0	316,456
New Jersey	735,097	1,140,310	1,875,481	2,002,975	2,103,355	2,237,339	2,363,439	2,461,249	31.2	2,461,249
New Mexico	278,960	393,151	671,206	724,157	769,646	806,673	899,545	939,532	40.0	953,396
New York	2,249,821	3,238,773	4,680,376	4,768,772	5,113,506	5,398,182	5,799,931	5,630,108	20.3	5,630,108
North Carolina	971,928	1,527,535	2,227,060	2,406,405	2,600,325	2,671,176	2,849,310	2,881,827	29.4	2,881,827
North Dakota	151,372	228,609	292,978	328,738	336,361	344,187	361,272	372,051	27.0	372,051
Ohio	1,327,483	2,019,351	3,046,603	3,214,612	3,185,955	3,362,837	3,616,901	3,769,392	23.7	3,774,974
Oklahoma	404,178	594,561	830,929	906,908	930,102	953,027	996,963	1,037,701	24.9	1,037,701
Oregon	497,593	672,175	996,887	1,086,673	1,142,781	1,194,805	1,281,381	1,351,507	35.6	1,351,507
Pennsylvania	1,231,502	1,814,384	2,737,817	2,963,168	3,087,186	3,280,879	3,439,340	3,562,793	30.1	3,562,793
Rhode Island	138,965	185,215	251,992	260,123	284,957	285,742	297,597	306,825	21.8	306,825
South Carolina	481,737	741,740	1,065,867	1,100,035	1,172,246	1,244,696	1,310,645	1,369,352	28.5	1,369,352
South Dakota	108,632	130,825	173,396	192,001	211,716	229,080	222,811	233,749	34.8	258,488
Tennessee	515,578	865,946	1,231,619	1,228,340	1,352,125	1,478,085	1,581,929	1,626,688	32.1	1,627,212
Texas	2,278,337	3,674,109	5,105,246	5,439,843	5,961,535	6,352,088	6,643,734	7,023,005	37.6	7,026,170
Utah	320,278	503,557	730,496	826,170	856,933	921,052	991,014	1,073,017	46.9	1,073,017
Vermont	101,539	157,266	238,512	258,150	263,475	271,261	279,882	292,072	22.5	292,072
Virginia	796,616	1,241,534	1,852,416	1,892,627	1,991,591	2,124,635	2,248,402	2,282,078	23.2	2,282,078
Washington	837,281	1,143,285	1,757,053	1,837,095	2,007,044	2,074,451	2,211,588	2,273,160	29.4	2,308,241
West Virginia	228,755	310,142	459,984	494,733	522,173	560,380	579,349	621,234	35.1	622,712
Wisconsin	998,862	1,438,918	2,057,786	2,158,188	2,266,312	2,394,285	2,437,859	2,510,572	22.0	2,513,244
Wyoming	111,170	171,335	204,028	225,238	222,188	231,190	254,469	251,339	23.2	251,339
U.S. Service Schools	555,447	805,892	1,030,399	1,110,028	1,130,748	1,169,731	1,181,234	1,247,093	21.0	1,247,093
Outlying areas	253,820	421,500	498,958	555,054	607,730	637,164	700,528	780,785	56.5	777,274
American Samoa	1,609	1,092	3,187	3,228	3,356	3,416	3,483	14,909	367.8	14,909
Federated States of Micronesia	—	—	3,302	3,286	2,898	3,096	4,589	7,965	141.2	7,965
Guam	15,582	29,916	55,641	64,772	68,550	63,515	77,783	65,258	17.3	65,258
Marshall Islands	—	—	3,093	3,093	1,220	1,454	1,183	1,226	—	1,226
Northern Marianas	—	1,328	2,472	2,803	2,230	2,838	12,305	14,989	506.3	14,989
Palau	—	—	3,277	3,172	3,808	2,847	3,156	3,332	1.7	3,332
Puerto Rico	224,988	367,523	378,352	427,021	497,590	529,255	567,140	641,083	69.4	637,571
Trust Territory of the Pacific	1,320	5,992	—	—	—	—	—	—	—	—
Virgin Islands	10,322	15,649	52,726	47,679	28,078	30,743	30,889	32,024	-39.3	32,024

¹ Preliminary data.

² Preliminary data are for 4-year and 2-year degree granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not reported or not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

Table 349.—Current-fund expenditures and educational and general expenditures of private institutions of higher education and degree-granting institutions, by state: 1985–86 to 1995–96
 [In thousands of dollars]

State	Institutions of higher education								Degree-granting institutions, 1995–96 ¹	
	Current-fund expenditures				Educational and general expenditures				Current-fund expenditures	Educational and general expenditures
	1985–86	1993–94	1994–95	1995–96 ¹	1985–86	1993–94	1994–95	1995–96 ²		
1	2	3	4	5	6	7	8	9	10	11
United States	\$34,341,889	\$64,041,076	\$67,503,635	\$70,585,370	\$25,255,003	\$48,885,124	\$51,984,234	\$54,956,345	\$70,951,662	\$55,359,982
Alabama	186,596	299,982	310,329	329,049	164,093	265,046	273,268	291,111	329,527	291,954
Alaska	10,171	23,199	19,825	18,352	9,106	18,140	15,631	14,705	17,614	14,264
Arizona	52,887	118,954	130,973	145,613	48,600	111,414	122,573	136,806	221,992	211,736
Arkansas	70,755	130,253	140,758	148,871	56,492	108,969	118,323	125,776	148,871	125,776
California	3,644,031	6,419,322	6,841,207	7,239,184	2,275,958	4,366,131	4,630,342	4,890,029	7,385,479	5,029,754
Colorado	160,193	327,275	342,407	370,975	142,218	297,087	312,444	339,143	381,651	349,390
Connecticut	836,949	1,527,283	1,608,612	1,703,828	733,144	1,363,083	1,441,297	1,525,586	1,706,149	1,527,907
Delaware	29,569	31,836	32,995	34,192	26,501	29,040	30,471	31,751	34,192	31,751
District of Columbia	1,307,377	2,386,469	2,533,943	2,577,736	803,566	1,375,811	1,463,154	1,514,309	2,576,230	1,513,135
Florida	723,270	1,561,498	1,672,960	1,787,230	553,391	1,234,246	1,329,012	1,417,897	1,835,413	1,480,803
Georgia	696,734	1,683,308	1,798,384	1,906,664	429,639	1,122,545	1,188,358	1,269,705	1,916,837	1,279,641
Hawaii	32,553	95,803	100,596	116,244	25,323	76,909	81,060	98,308	118,609	100,594
Iaho	49,768	95,011	98,011	103,613	37,736	82,293	86,269	90,922	104,356	91,665
Illinois	2,729,672	4,778,173	5,103,123	4,958,939	1,495,654	2,936,263	3,186,567	3,425,425	4,875,603	3,348,573
Indiana	530,163	1,000,966	1,073,603	1,147,246	426,813	831,223	895,861	965,305	1,167,186	984,720
Iowa	353,753	676,124	701,059	726,685	292,291	573,136	595,823	617,065	739,510	629,919
Kansas	105,193	171,402	180,052	189,318	87,719	149,127	157,710	166,024	192,432	167,472
Kentucky	194,873	330,341	348,262	365,573	159,293	275,986	291,198	307,379	365,868	307,915
Louisiana	353,433	739,368	624,279	649,135	221,928	459,780	523,694	516,757	656,789	523,097
Maine	133,778	238,196	250,032	269,305	106,912	199,895	210,350	228,581	269,305	228,581
Maryland	896,251	1,729,558	1,797,362	1,871,954	562,773	1,217,678	1,299,953	1,355,765	1,871,954	1,355,765
Massachusetts	3,544,867	6,116,367	6,416,410	6,786,016	2,817,687	5,122,411	5,430,455	5,728,902	6,796,569	5,737,256
Michigan	447,436	826,746	855,969	908,360	384,533	730,458	759,066	805,962	913,662	810,989
Minnesota	521,441	800,291	859,388	907,452	443,972	679,001	732,714	773,952	940,013	805,340
Mississippi	64,054	123,506	129,945	138,808	55,252	108,547	115,582	122,699	124,907	110,765
Missouri	904,573	1,769,749	1,897,323	1,998,070	713,411	1,453,221	1,579,030	1,610,073	2,014,787	1,626,355
Montana	22,349	44,193	50,343	56,028	18,565	38,509	44,086	49,855	59,825	52,627
Nebraska	161,066	303,472	319,962	337,614	138,929	271,942	290,697	307,831	339,293	309,293
Nevada	2,448	6,768	8,194	9,784	2,448	5,998	7,294	9,069	14,063	12,904
New Hampshire	264,440	487,785	507,227	534,486	230,657	426,736	442,671	466,623	533,508	465,732
New Jersey	714,733	1,208,726	1,252,185	1,304,191	540,245	980,224	1,022,274	1,066,686	1,303,480	1,065,975
New Mexico	22,196	40,520	42,331	45,414	19,678	35,079	37,509	40,101	51,722	46,138
New York	5,596,257	10,157,945	10,653,695	11,072,488	4,572,405	8,315,046	8,721,147	9,117,367	11,085,580	9,129,100
North Carolina	837,291	2,166,337	2,329,951	2,439,903	592,910	1,417,518	1,515,305	1,593,079	2,438,635	1,592,276
North Dakota	18,853	36,380	37,350	45,261	15,860	31,776	32,912	40,600	48,441	43,707
Ohio	976,303	1,807,756	1,905,659	2,028,849	833,879	1,586,086	1,673,414	1,782,573	2,051,600	1,802,592
Oklahoma	178,905	286,118	298,275	326,381	149,565	248,299	263,719	287,192	326,548	287,148
Oregon	171,604	334,424	365,448	389,397	149,289	299,529	327,566	347,864	403,937	361,277
Pennsylvania	3,155,505	6,008,469	6,246,550	6,523,828	2,033,015	4,115,506	4,386,385	4,760,938	6,479,714	4,769,807
Rhode Island	315,651	636,510	667,901	706,781	261,616	545,057	575,255	604,862	706,781	604,862
South Carolina	196,271	318,200	333,278	357,255	154,496	268,292	282,443	305,051	357,255	305,051
South Dakota	51,675	66,315	69,866	73,495	44,726	59,358	62,863	65,923	74,217	66,632
Tennessee	686,514	1,352,769	1,410,990	1,526,247	440,308	894,506	955,718	1,030,665	1,519,687	1,025,044
Texas	993,824	1,833,288	1,955,975	2,062,693	855,445	1,653,269	1,764,618	1,863,376	2,076,444	1,878,356
Utah	183,060	458,878	492,298	527,193	110,880	317,681	333,683	352,033	533,283	358,123
Vermont	150,689	269,666	288,223	305,294	126,299	232,565	250,310	264,387	310,422	269,514
Virginia	387,455	807,849	874,960	895,065	313,055	702,430	766,327	785,505	900,487	792,130
Washington	227,211	475,565	513,782	541,014	189,575	413,941	448,823	473,884	547,539	480,329
West Virginia	73,716	143,742	172,925	173,764	60,900	126,231	153,757	154,858	179,167	160,159
Wisconsin	373,533	775,629	827,317	891,492	326,254	701,051	746,036	805,252	891,492	805,252
Wyoming	—	12,788	11,142	13,044	—	10,426	9,219	10,838	13,044	10,838
Outlying areas	198,653	337,721	360,203	371,434	189,080	320,304	343,782	355,818	379,447	363,814
Puerto Rico	198,653	337,721	360,203	371,434	189,080	320,304	343,782	355,818	379,447	363,814

¹ Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.
² Preliminary data.
 —Data not reported or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

NOTE.—Because of rounding, details may not add to totals.

Table 350.—Current-fund expenditures and educational and general expenditures of private nonprofit institutions of higher education, by state: 1985–86 to 1995–96

[In thousands of dollars]

State	Current-fund expenditures					Educational and general expenditures				
	1985–86	1990–91	1993–94	1994–95	1995–96 ¹	1985–86	1990–91	1993–94	1994–95	1995–96 ¹
1	2	3	4	5	6	7	8	9	10	11
United States	\$33,796,683	\$52,079,906	\$62,702,212	\$66,122,565	\$69,102,394	\$24,738,587	\$38,769,871	\$47,600,834	\$50,662,377	\$53,540,243
Alabama	178,766	239,264	295,574	305,267	325,421	156,267	207,496	260,722	268,310	287,587
Alaska	10,171	20,217	19,000	15,935	15,825	9,106	17,465	13,945	11,741	12,178
Arizona	29,714	55,142	68,051	73,978	79,145	25,426	48,149	62,256	67,250	72,212
Arkansas	66,123	105,495	127,431	140,758	148,871	51,883	86,400	106,175	118,323	125,776
California	3,603,948	5,471,945	6,244,725	6,664,795	7,045,087	2,239,751	3,435,708	4,195,856	4,458,381	4,701,163
Colorado	149,800	228,407	272,360	281,927	306,164	132,057	201,333	243,812	254,409	276,668
Connecticut	833,406	1,289,575	1,522,821	1,604,088	1,698,631	729,820	1,139,410	1,358,776	1,436,899	1,520,554
Delaware	29,569	23,875	31,836	32,995	34,192	26,501	21,598	29,040	30,471	31,751
District of Columbia	1,302,567	1,944,605	2,359,300	2,502,088	2,542,361	798,756	1,167,674	1,348,642	1,431,299	1,478,935
Florida	699,301	1,196,724	1,463,445	1,579,744	1,685,909	530,090	927,485	1,138,697	1,238,143	1,320,668
Georgia	678,129	1,179,901	1,629,638	1,737,652	1,837,837	413,148	745,739	1,072,149	1,131,412	1,205,439
Hawaii	32,553	42,881	95,803	100,046	112,487	25,323	36,528	76,909	80,510	94,552
Idaho	49,768	73,335	92,807	95,706	101,336	37,736	58,068	80,720	83,963	88,645
Illinois	2,697,651	3,898,129	4,717,431	5,039,207	4,886,489	1,464,293	2,297,177	2,879,622	3,126,846	3,357,508
Indiana	516,649	816,342	985,351	1,057,524	1,131,998	413,628	669,802	816,341	880,576	950,855
Iowa	348,541	526,077	672,105	699,340	724,931	287,079	438,537	569,117	594,104	615,311
Kansas	105,193	144,471	171,402	180,052	189,318	87,719	124,578	149,127	157,710	166,024
Kentucky	164,491	251,560	303,998	322,466	343,696	129,775	205,496	251,021	266,885	287,055
Louisiana	352,186	566,331	735,286	619,042	647,591	220,929	366,843	455,750	518,458	515,214
Maine	130,626	195,243	231,191	243,003	261,920	103,759	162,712	192,943	203,574	221,447
Maryland	895,453	1,460,393	1,728,026	1,795,866	1,870,451	562,025	985,902	1,216,146	1,298,456	1,354,261
Massachusetts	3,539,442	5,332,122	6,110,778	6,410,944	6,778,728	2,813,131	4,270,480	5,116,856	5,425,030	5,721,614
Michigan	447,436	699,193	826,746	855,969	906,246	384,533	618,422	730,458	759,066	803,848
Minnesota	514,606	704,159	777,317	835,710	880,488	437,137	600,818	656,286	709,344	747,375
Mississippi	61,672	97,737	121,959	128,400	138,808	52,869	84,806	107,001	114,038	122,699
Missouri	895,639	1,460,670	1,738,375	1,863,299	1,961,954	705,570	1,155,834	1,423,585	1,546,602	1,575,734
Montana	19,882	33,471	44,193	50,343	56,028	16,269	29,165	38,509	44,086	49,855
Nebraska	161,066	243,678	300,276	316,684	333,719	138,929	217,590	268,746	287,419	303,937
Nevada	2,448	2,991	4,926	5,356	5,981	2,448	2,593	4,293	4,616	5,391
New Hampshire	259,187	399,725	476,137	493,772	518,980	225,456	348,112	416,727	431,135	453,866
New Jersey	711,478	957,661	1,176,088	1,215,489	1,262,798	537,298	766,929	949,927	988,131	1,027,923
New Mexico	22,969	22,969	32,874	33,350	34,683	19,678	19,682	27,567	28,714	29,652
New York	5,487,876	8,113,252	9,930,462	10,424,477	10,836,610	4,467,861	6,607,801	8,095,536	8,500,357	8,888,821
North Carolina	815,258	1,698,373	2,165,209	2,328,865	2,439,035	576,298	1,117,334	1,416,468	1,514,290	1,592,275
North Dakota	18,853	27,978	36,380	37,350	45,261	15,860	24,033	31,776	32,912	40,600
Ohio	924,464	1,441,192	1,755,406	1,850,166	1,973,986	782,760	1,241,939	1,536,893	1,620,912	1,730,980
Oklahoma	174,542	257,433	270,702	283,509	310,010	145,202	216,368	233,556	248,985	271,900
Oregon	168,031	271,971	328,798	359,579	385,185	145,976	242,945	294,062	321,865	343,768
Pennsylvania	3,106,911	4,838,303	5,856,506	6,089,249	6,361,053	1,986,082	3,180,299	3,969,587	4,237,558	4,607,717
Rhode Island	315,651	518,425	636,510	667,901	706,781	261,616	437,800	545,057	575,255	604,862
South Carolina	192,141	315,236	310,486	324,648	347,026	151,123	254,390	260,850	274,049	294,984
South Dakota	39,893	52,180	54,663	57,643	59,988	34,212	46,187	48,450	51,477	53,557
Tennessee	676,815	1,084,292	1,343,820	1,402,160	1,512,404	431,327	694,318	885,665	946,888	1,017,011
Texas	986,318	1,492,198	1,781,097	1,900,574	2,004,583	848,799	1,332,293	1,604,014	1,712,398	1,808,955
Utah	182,127	269,613	449,691	480,990	515,069	109,947	220,023	308,494	322,375	339,908
Vermont	150,689	266,539	269,666	288,223	305,294	126,299	229,548	232,565	250,310	264,387
Virginia	384,007	649,347	775,845	848,456	864,606	309,665	559,607	672,359	741,528	756,700
Washington	225,637	354,262	455,483	492,370	517,804	188,068	302,690	394,923	429,428	452,996
West Virginia	71,547	104,122	137,492	167,111	168,229	58,730	89,187	120,423	148,386	149,678
Wisconsin	366,266	640,901	766,744	818,499	881,396	320,370	514,579	692,432	737,505	795,443
Wyoming	—	—	—	—	—	—	—	—	—	—
Outlying areas	189,424	245,693	316,382	337,090	345,802	179,851	231,377	298,995	320,705	330,230
Puerto Rico	189,424	245,693	316,382	337,090	345,802	179,851	231,377	298,995	320,705	330,230

¹ Preliminary data.

—Data not reported or not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" survey; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared January 1999.)

Table 351.—Current-fund expenditures per full-time-equivalent student in institutions of higher education, by control and type of institution and purpose of expenditure: 1995–96¹

Item	Total				Public				Private		
	All institutions	Universities	Other 4-year	2-year	All institutions	Universities	Other 4-year	2-year	All institutions ²	Universities	Other 4-year
1	2	3	4	5	6	7	8	9	10	11	12
Total current-fund expenditures³	\$18,383	\$32,265	\$18,304	\$7,255	\$15,403	\$25,444	\$17,307	\$7,180	\$27,325	\$52,413	\$19,907
Educational and general expenditures	14,604	24,126	14,676	6,785	12,380	19,700	13,403	6,733	21,275	37,200	16,725
Instruction	5,571	8,705	5,466	3,185	4,978	6,946	5,486	3,240	7,348	13,902	5,435
Research	1,695	4,863	1,093	8	1,558	4,292	1,351	8	2,107	6,551	678
Public service	682	1,447	621	151	686	1,611	619	158	669	960	623
Academic support	1,288	2,182	1,280	576	1,160	1,865	1,314	563	1,671	3,118	1,224
Libraries	416	747	414	151	346	593	389	149	625	1,201	455
Student services	923	907	1,054	744	748	742	780	722	1,446	1,396	1,494
Institutional support	1,756	2,015	2,082	1,071	1,379	1,417	1,713	1,038	2,886	3,782	2,675
Operation and maintenance of plant	1,186	1,663	1,250	706	1,031	1,357	1,170	691	1,650	2,567	1,379
Scholarships and fellowships	1,271	1,948	1,564	296	656	1,168	727	261	3,118	4,252	2,910
From unrestricted funds	794	1,280	1,026	62	317	689	349	49	2,226	3,026	2,116
From restricted funds ⁴	477	668	538	234	339	479	379	212	892	1,226	794
Mandatory transfers	232	395	267	50	183	302	242	51	380	672	306

¹ Preliminary data.
² Includes private 2-year colleges.
³ Includes expenditures for auxiliary enterprises, hospitals, and independent operations which are not shown separately.
⁴ Excludes Pell Grants.

NOTE.—Data for private 2-year colleges are not shown separately because of low survey response rate. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" and "Finance" surveys. (This table was prepared November 1998.)

Table 352.—Additions to physical plant value of institutions of higher education, by type of addition and control of institution: 1969–70 to 1995–96

[In millions]

Year	Total, all institutions	Public institutions				Private institutions			
		Total	Land	Buildings	Equipment	Total	Land	Buildings	Equipment
1	2	3	4	5	6	7	8	9	10
1969–70	\$4,233	\$2,985	\$152	\$2,185	\$648	\$1,248	\$59	\$967	\$221
1970–71	4,165	3,032	128	2,241	663	1,134	41	895	198
1971–72	4,163	3,054	112	2,277	665	1,109	53	860	195
1972–73	3,967	2,940	126	2,077	737	1,028	53	750	225
1973–74	4,312	3,206	205	2,188	813	1,106	55	816	235
1974–75	4,761	3,476	263	2,246	967	1,284	67	860	357
1975–76	4,702	3,552	168	2,365	1,019	1,150	58	768	325
1976–77	4,623	3,362	128	2,208	1,026	1,261	58	838	366
1977–78	4,527	3,306	102	2,117	1,087	1,221	45	777	400
1978–79	4,576	3,377	154	1,944	1,279	1,199	52	763	383
1979–80	5,551	3,666	164	2,149	1,354	1,886	98	1,220	568
1980–81	6,471	4,279	146	2,555	1,579	2,192	104	1,398	690
1981–82	6,975	4,594	170	2,679	1,744	2,382	83	1,488	811
1982–83	7,421	4,765	374	2,396	1,994	2,656	106	1,666	884
1983–84	7,604	5,038	196	2,427	2,415	2,566	110	1,507	950
1984–85	8,306	5,390	202	2,455	2,733	2,916	135	1,671	1,110
1985–86	10,149	6,875	237	3,318	3,320	3,274	128	1,922	1,225
1986–87	10,675	6,899	313	3,235	3,351	3,776	160	2,408	1,208
1987–88	11,589	7,218	272	3,520	3,426	4,371	250	2,715	1,406
1988–89	13,638	8,162	562	3,845	3,756	5,477	243	3,401	1,833
1989–90	15,900	10,616	532	5,438	4,647	5,284	408	3,277	1,599
1990–91	17,634	11,472	449	6,168	4,855	6,162	448	3,799	1,914
1991–92	15,543	9,820	412	5,272	4,136	5,723	380	3,419	1,925
1992–93	16,494	10,599	336	5,982	4,281	5,895	491	3,458	1,946
1993–94	16,379	10,263	361	5,582	4,320	6,116	259	3,840	2,017
1994–95	18,556	12,129	448	7,079	4,603	6,427	277	3,994	2,156
1995–96 ¹	20,873	13,228	428	7,658	5,141	7,645	356	4,897	2,392

¹ Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

Table 353.—Value of property and liabilities of institutions of higher education: 1899–1900 to 1995–96
(In thousands)

Academic year	Property value at end of year						Endowment (end of year market value) ¹	Liabilities of plant funds
	Total	Physical plant value				Endowment (book value) ¹		
		Total	Land	Buildings	Equipment			
1	2	3	4	5	6	7	8	9
1899–1900	\$448,597	\$253,599	—	—	—	² \$194,998	—	—
1909–10	781,255	457,594	\$92,359	\$297,153	\$68,082	² 323,661	—	—
1919–20	1,316,404	747,333	128,922	495,920	122,491	² 569,071	—	—
1929–30	3,437,117	2,065,049	304,114	1,490,014	270,921	² 1,372,068	—	—
1935–36	3,913,028	2,359,418	334,085	1,636,722	388,611	² 1,553,610	—	—
1937–38	4,208,695	2,556,075	313,665	1,811,309	431,101	1,652,620	—	—
1939–40	4,440,063	2,753,780	—	—	—	1,686,283	—	—
1941–42	4,525,925	2,759,261	—	—	—	² 1,766,664	—	—
1947–48	6,076,212	3,691,725	—	—	—	2,384,487	—	—
1949–50	7,401,187	4,799,964	—	—	—	² 2,601,223	—	—
1951–52	9,241,725	6,373,195	—	—	—	2,868,530	—	—
1953–54	10,717,082	7,523,193	—	—	—	3,193,889	—	—
1955–56	12,561,046	8,858,907	624,467	³ 6,697,648	1,536,792	3,702,139	—	\$894,383
1957–58	15,770,197	11,124,489	733,182	³ 8,540,429	1,850,878	4,645,708	—	1,444,602
1959–60	18,870,628	13,548,548	842,664	³ 10,472,478	2,233,407	5,322,080	—	1,964,306
1961–62	22,761,193	16,681,844	1,009,294	³ 12,900,093	2,772,457	6,079,349	—	2,806,868
1963–64	28,232,362	21,279,346	1,292,691	³ 16,460,867	3,525,788	6,953,016	—	4,190,189
1965–66	35,274,597	26,851,273	1,758,901	³ 20,653,028	4,439,344	8,423,324	\$11,126,831	6,071,750
1967–68	—	34,506,348	2,062,545	³ 26,673,826	5,769,977	—	—	—
1969–70	52,930,923	42,093,580	3,076,751	31,865,179	7,151,649	10,837,343	11,206,632	9,384,731
1970–71	57,394,951	46,053,585	3,117,895	35,042,590	7,893,100	11,341,366	13,714,330	9,786,240
1971–72	62,136,459	50,153,251	3,287,326	38,131,339	8,734,586	11,983,208	15,180,934	10,291,095
1972–73	66,814,103	53,814,596	3,492,611	40,808,481	9,513,503	12,999,507	15,099,840	10,823,595
1973–74	71,305,817	58,002,777	3,888,372	43,701,491	10,412,914	13,303,040	13,168,076	11,400,916
1974–75	75,585,674	62,183,078	4,210,901	46,453,642	11,518,536	13,402,596	14,364,545	12,413,420
1975–76	80,300,595	66,348,304	4,345,232	49,349,224	12,653,847	13,952,291	15,488,265	12,687,015
1976–77	85,486,550	70,739,427	4,444,927	52,384,393	13,910,107	14,747,123	16,304,553	13,068,341
1977–78	90,337,044	74,770,804	4,621,071	55,188,603	14,961,131	15,566,240	16,840,129	13,437,861
1978–79	95,442,468	78,637,991	4,824,250	57,563,005	16,250,737	16,804,477	18,158,634	13,712,648
1979–80	102,294,859	83,733,387	5,037,172	60,847,097	17,849,119	18,561,472	20,743,045	14,181,991
1980–81	109,701,242	88,760,567	5,212,453	64,158,017	19,390,097	20,940,675	23,465,001	14,794,669
1981–82	117,601,954	94,516,512	5,402,339	67,794,877	21,319,297	23,085,442	24,415,245	15,487,618
1982–83	127,345,302	100,992,841	5,889,080	71,519,718	23,584,042	26,352,461	32,691,133	16,749,900
1983–84	137,141,741	107,640,113	6,109,746	75,220,765	26,309,602	29,501,629	32,975,610	18,277,315
1984–85	148,163,096	114,763,986	6,236,159	79,133,998	29,393,829	33,399,110	39,916,361	22,105,712
1985–86	160,959,517	122,261,355	6,573,923	82,886,012	32,801,419	38,698,162	50,280,775	25,699,408
1986–87	—	126,426,171	7,165,445	84,838,657	34,422,069	—	56,585,153	—
1987–88	—	139,456,342	8,307,789	92,428,615	38,719,937	—	57,391,814	—
1988–89	—	158,693,085	9,462,095	104,743,145	44,487,845	—	64,155,247	—
1989–90	—	164,635,000	9,968,000	108,609,000	46,058,000	—	67,978,726	—
1990–91	—	178,084,000	10,028,000	117,683,000	50,373,000	—	72,048,579	—
1991–92	—	184,813,238	10,528,395	122,422,566	51,862,277	—	82,534,026	—
1992–93	—	192,760,817	11,006,451	128,436,599	53,317,767	—	92,239,311	—
1993–94	—	199,463,715	11,197,662	133,124,680	55,141,373	—	96,012,591	—
1994–95	—	212,201,113	11,710,436	142,553,837	57,936,840	—	109,706,704	—
1995–96 ⁴	—	220,400,104	11,407,020	150,458,886	58,534,198	—	128,837,030	—

¹ Includes funds functioning as endowment.

² Includes annuity funds.

³ Includes improvements to land and equipment. These funds are included under appropriate categories after 1967–68.

⁴ Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

—Data not available.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Financial Statistics of Institutions of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared November 1998.)

Table 354.—Endowment funds of the 120 institutions of higher education with the largest amounts: Fiscal year 1996

Institution	Rank order ¹	Market value of endowment, in thousands of dollars (end of fiscal year)	Institution	Rank order ¹	Market value of endowment, in thousands of dollars (end of fiscal year)
1	2	3	1	2	3
United States (all institutions)	—	\$128,837,030			
120 institutions with the largest amounts	—	85,506,186			
Harvard University (MA)	1	9,058,923	Wesleyan University (CT)	61	383,613
Yale University (CT)	2	4,860,582	Baylor University (TX)	62	380,916
University of Texas at Austin	3	4,359,738	Tulane University of Louisiana	63	370,723
Stanford University (CA)	4	3,691,298	Lafayette College (PA)	64	359,861
Princeton University (NJ)	5	² 2,872,865	Rensselaer Polytechnic Institute (NY)	65	352,212
Columbia University (NY)	6	2,698,929	Purdue University, Main Campus (IN)	66	345,639
University of California System	7	2,594,787	Syracuse University, Main Campus (NY)	67	332,540
Massachusetts Institute of Technology	8	2,493,627	Agnes Scott College (GA)	68	328,698
Washington University (MO)	9	2,344,618	Oberlin College (OH)	69	328,291
University of Pennsylvania	10	2,108,961	Loyola University of Chicago (IL)	70	326,628
Rice University (TX)	11	1,712,577	University of Miami (FL)	71	310,481
University of Michigan, Ann Arbor	12	1,639,285	The Juilliard School (NY)	72	309,627
Northwestern University (IL)	13	1,517,852	Cornell University Medical College (NY)	73	308,374
University of Notre Dame (IN)	14	1,227,256	Tufts University (MA)	74	298,291
Vanderbilt University (TN)	15	1,144,784	Carleton College (MN)	75	292,689
Dartmouth College (NH)	16	1,142,079	Rochester Institute of Technology (NY)	76	292,589
University of Southern California	17	1,022,339	Brigham Young University (UT)	77	289,647
University of Virginia, Main Campus	18	944,457	Bryn Mawr College (PA)	78	289,512
California Institute of Technology	19	827,747	University of Florida	79	287,843
University of Rochester (NY)	20	811,507	University of Texas, Southwest Medical Center	80	278,217
New York University	21	806,233	Bowdoin College (ME)	81	276,486
Brown University (RI)	22	789,699	Mount Sinai School of Medicine (NY)	82	272,153
Rockefeller University (NY)	23	699,928	University of South Alabama	83	269,921
University of North Carolina at Chapel Hill	24	641,934	Mount Holyoke College (MA)	84	258,726
Ohio State University, Main Campus	25	640,640	Colgate University (NY)	85	248,381
Swarthmore College (PA)	26	623,981	Thomas Jefferson University (PA)	86	247,874
University of Washington	27	613,981	Trinity College (CT)	87	246,972
Princeton Theological Seminary (NJ)	28	608,752	Hamilton College (NY)	88	246,934
Wellesley College (MA)	29	605,509	Rush University (IL)	89	246,493
Texas Christian University	30	602,727	Virginia Polytechnic Institute and State University	90	244,900
Boston College (MA)	31	591,609	Brandeis University (MA)	91	234,751
Southern Methodist University (TX)	32	589,163	University of Tennessee (Central office)	92	234,279
University of Delaware	33	583,249	University of Louisville (KY)	93	233,020
Smith College (MA)	34	583,163	Rutgers, The State University, Central Office (NJ)	94	232,679
Grinnell College (IA)	35	573,157	Cornell University, Statutory Colleges (NY)	95	231,656
Williams College (MA)	36	561,148	College of the Holy Cross (MA)	96	228,416
University of Richmond (VA)	37	550,166	Loyola University in New Orleans (LA)	97	227,702
University of Cincinnati, Main Campus (OH)	38	549,193	Santa Clara University (CA)	98	225,736
Baylor College of Medicine (TX)	39	548,387	University of Wisconsin, Madison	99	213,606
Washington and Lee University (VA)	40	532,803	Colorado College	100	213,504
Carnegie Mellon University (PA)	41	524,305	Denison University (OH)	101	211,888
University of Pittsburgh, Main Campus (PA)	42	509,716	North Carolina State University at Raleigh	102	208,927
Macalester College (MN)	43	507,822	Southwestern University (TX)	103	208,524
George Washington University (DC)	44	497,138	Depauw University (IN)	104	206,379
Pomona College (CA)	45	495,413	University of Alabama	105	206,169
Wake Forest University (NC)	46	474,904	Bucknell University (PA)	106	204,458
University of Tulsa (OK)	47	474,770	University of Missouri at Columbia	107	198,911
State University of New York (multiple campuses)	48	462,422	Regent University (VA)	108	198,412
Saint Louis University, Main Campus (MO)	49	448,993	Wabash College (IN)	109	194,881
Georgetown University (DC)	50	447,651	State University of New York at Buffalo	110	192,847
Berea College (KY)	51	445,787	University of New Mexico, Main Campus	111	192,229
Lehigh University (PA)	52	433,571	Franklin And Marshall College (PA)	112	181,962
Boston University (MA)	53	430,466	Occidental College (CA)	113	178,162
Pennsylvania State University, Main Campus	54	426,599	Worcester Polytechnic Institute (MA)	114	178,037
Middlebury College (VT)	55	423,363	Texas A & M University	115	177,209
Amherst College (MA)	56	413,635	University of the South (TN)	116	175,276
Trinity University (TX)	57	412,543	Union College (NY)	117	174,391
Vassar College (NY)	58	403,287	Whitman College (WA)	118	173,416
University of Minnesota, Twin Cities	59	401,318	Reed College (OR)	119	172,994
Yeshiva University (NY)	60	394,398	Davidson College (NC)	120	172,804

¹ Institutions ranked by size of endowment. Excludes institutions which have not reported data for 1995–96.
² 1995 data.
 —Data not applicable.

NOTE.—Because of rounding, details may not add to total.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), “Finance, 1995–96” survey. (This table was prepared November 1998.)

Table 355.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995

Characteristics of employed persons	Em- ployed persons, in thou- sands	Adult edu- cation parti- cipants, in thou- sands ¹	Percent of adults participating					Number of career or job-re- lated courses taken, in thou- sands	Num- ber of career or job- related courses taken, per em- ployee	Percent of care- er or job-re- lated courses pro- vided by busi- nesses ²	Percent of care- er or job-re- lated courses paid for by busi- nesses ²	Percent of part- time higher edu- cation courses pro- vided by busi- nesses ³	Percent of part- time higher edu- cation courses paid for by busi- nesses ³	Percent of em- ployees re- ceiving work- related com- puter- aided instruc- tion
			In any pro- gram	In part- time higher edu- cation	In care- er or job-re- lated courses	In ap- prentice pro- grams	Other personal courses							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Total	117,826	59,734	50.7	8.2	31.1	1.5	22.0	91,408	0.78	49.0	86.5	11.2	43.4	17.0
Sex														
Men	63,127	29,346	46.5	7.0	29.0	2.1	17.9	44,151	0.70	46.7	88.1	13.0	49.4	16.0
Women	54,699	30,387	55.6	9.7	33.4	0.8	26.8	47,257	0.86	50.9	85.1	9.6	38.3	18.1
Age														
17 to 24 years	15,104	7,653	50.7	14.2	18.6	4.1	21.8	5,924	0.39	53.8	75.7	8.8	18.7	14.7
25 to 29 years	14,207	7,746	54.5	12.5	31.2	2.8	22.2	10,855	0.76	51.3	89.9	10.1	40.6	17.4
30 to 34 years	16,291	8,323	51.1	8.9	31.6	1.4	22.8	12,765	0.78	49.7	89.7	11.3	49.2	18.3
35 to 39 years	17,595	9,361	53.2	8.4	35.1	1.3	21.8	15,927	0.91	51.8	89.1	11.6	53.6	18.3
40 to 44 years	16,049	8,906	55.5	8.0	36.6	1.0	26.0	14,957	0.93	44.9	85.9	13.4	59.7	18.6
45 to 49 years	13,743	7,586	55.2	6.3	39.6	0.6	23.0	14,127	1.03	44.8	85.3	9.3	47.8	19.2
50 to 54 years	10,408	5,222	50.2	4.9	34.4	0.3	20.9	9,041	0.87	49.2	84.5	19.5	49.3	20.2
55 to 59 years	6,698	2,667	39.8	2.3	26.7	0.3	18.0	4,432	0.66	46.8	84.8	—	—	10.3
60 to 64 years	4,435	1,394	31.4	0.6	21.1	0.2	15.3	2,175	0.49	58.6	85.5	—	—	10.3
65 and over	3,297	876	26.6	0.3	13.7	0.0	16.3	1,203	0.37	39.7	87.3	—	—	6.7
Racial/ethnic group														
White, non-Hispanic	92,333	47,967	51.9	8.0	33.2	1.2	22.7	77,096	0.83	47.9	86.8	11.9	45.1	17.5
Black, non-Hispanic	11,577	5,800	50.1	10.5	26.2	2.6	23.1	7,785	0.67	58.4	86.0	9.4	42.6	14.3
Hispanic	8,980	3,627	40.4	6.7	18.1	2.3	15.1	3,361	0.37	46.8	82.9	5.8	26.7	14.3
Asian American/Pacific Islander	2,825	1,246	44.1	8.0	25.5	2.8	15.1	1,636	0.58	48.6	87.3	15.2	—	18.1
American Indian/Alaskan Native	663	329	49.6	13.9	34.0	0.5	25.2	570	0.86	54.6	81.8	—	—	24.4
Highest level of education completed														
Less than high school diploma	9,635	2,444	25.4	0.8	8.8	1.7	9.4	1,412	0.15	56.6	76.3	—	—	4.9
High school diploma	38,071	14,639	38.5	4.9	20.9	1.9	16.5	17,072	0.45	56.7	91.0	13.9	48.9	11.8
Some vocational/technical	3,997	2,078	52.0	7.2	32.3	1.7	23.5	3,258	0.82	45.3	85.9	7.6	—	15.6
Some college	23,006	12,868	55.9	14.3	29.9	2.2	25.4	17,039	0.74	53.5	86.3	9.6	31.8	19.8
Associate degree	7,591	4,746	62.5	13.3	39.2	1.4	27.7	7,718	1.02	49.7	87.9	13.2	45.2	20.3
Bachelor's degree	20,602	12,948	62.8	8.3	44.6	0.6	26.5	24,024	1.17	47.2	86.5	8.3	48.8	22.9
Some graduate work (or study)	14,924	10,010	67.1	9.9	50.2	0.4	29.6	20,885	1.40	40.3	82.9	11.8	52.6	24.1
No degree	2,770	1,987	71.8	19.7	44.3	0.2	34.8	3,333	1.20	45.6	83.7	11.5	50.0	23.3
Master's	8,149	5,456	67.0	9.6	50.5	0.4	30.4	11,704	1.44	41.7	83.9	9.4	55.3	24.7
Doctor's	2,060	1,133	55.0	5.0	40.4	0.6	22.4	2,008	0.98	35.5	79.5	—	—	24.4
Professional	1,946	1,434	73.7	2.6	67.6	0.8	26.4	3,840	1.97	31.4	79.7	—	—	22.9
Metropolitan area														
Inside metropolitan area	89,192	46,911	52.6	8.7	32.4	1.5	22.6	72,388	0.81	48.6	86.3	11.6	41.9	17.7
Inside central city	74,367	39,519	53.1	8.8	33.3	1.5	22.5	62,033	0.83	48.3	86.4	11.1	41.6	18.5
Outside central city	14,825	7,392	49.9	8.0	27.9	1.5	23.1	10,355	0.70	50.9	86.0	14.3	43.7	13.8
Outside metropolitan area	28,634	12,823	44.8	6.9	26.9	1.4	20.2	19,020	0.66	50.2	87.2	9.4	49.1	14.7
Occupation														
Executive, administrative, or manage- rial	12,500	7,070	56.6	7.4	42.9	0.4	23.4	15,041	1.20	37.7	90.2	8.7	54.1	27.8
Engineers, surveyors, and architects	1,702	1,116	65.6	14.5	44.2	1.1	23.7	1,828	1.07	59.0	94.6	6.1	82.0	25.0
Natural scientists and mathematicians	1,648	1,211	73.5	10.4	59.7	0.0	25.6	2,875	1.75	44.0	94.6	—	—	30.7
Social scientists and workers, lawyers	2,438	1,873	76.8	11.7	59.5	1.5	32.4	4,307	1.77	35.6	83.1	7.1	31.3	17.5
Teachers, elementary/secondary	5,207	4,046	77.7	16.9	53.9	0.2	36.9	7,619	1.46	50.5	76.3	8.3	31.6	18.3
Teachers, postsecondary	1,175	657	55.9	4.4	41.6	0.0	26.1	1,213	1.03	53.5	79.8	—	—	26.6
Physicians, dentists, veterinarians	828	590	71.3	1.3	68.6	0.9	18.3	1,656	2.00	32.4	64.7	—	—	20.0
Registered nurses, pharmacists	2,143	1,896	88.5	11.2	72.8	0.2	34.6	4,791	2.24	45.6	74.0	9.9	43.8	13.1
Writers, artists, entertainers, and ath- letes	1,675	829	49.5	8.1	23.4	1.7	28.7	776	0.46	33.3	73.6	—	—	20.2
Health technologists and technicians	1,528	1,147	75.1	12.9	50.0	0.0	32.1	2,130	1.39	45.0	76.5	5.2	49.6	15.9
Technologists, except health	3,283	2,153	65.6	12.9	43.8	0.8	28.3	3,685	1.12	55.8	91.2	9.2	58.0	31.6
Marketing and sales occupations	15,666	7,131	45.5	6.6	25.2	1.1	20.2	8,619	0.55	51.2	86.5	10.2	21.6	19.6
Administrative support, including cleri- cal	20,460	10,727	52.4	9.3	30.8	0.7	24.1	14,064	0.69	52.4	91.5	10.5	46.6	24.0
Service occupations	17,355	8,238	47.5	9.0	22.6	1.7	22.7	10,404	0.60	57.0	85.4	12.3	28.8	7.3
Agriculture, forestry, and fishing	1,908	500	26.2	1.8	12.4	0.4	14.8	493	0.26	—	—	—	—	6.6
Mechanics and repairers	4,266	2,129	49.9	7.6	29.1	3.9	16.6	3,109	0.73	57.2	90.7	19.5	60.0	9.8
Construction and extractive occupa- tions	5,490	2,093	38.1	4.6	18.6	5.5	18.4	1,832	0.33	48.8	83.8	—	—	5.9
Precision production occupations	1,685	754	44.8	5.9	25.6	4.9	16.2	982	0.58	40.8	84.2	—	—	12.0
Production workers	8,309	2,515	30.3	5.9	14.8	2.9	10.1	2,203	0.27	58.5	97.9	16.2	57.2	8.1
Transportation, material moving	4,488	1,295	28.8	3.8	15.8	1.0	12.1	1,274	0.28	60.6	82.0	—	—	6.0
Handler, equipment, cleaners, helpers, and laborers	1,989	519	26.1	3.1	11.7	2.9	10.3	422	0.21	46.9	70.6	—	—	7.5
Miscellaneous occupations	2,022	1,194	59.0	8.5	38.8	4.0	22.1	2,088	1.03	51.8	90.4	—	—	20.9

Table 355.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995—Continued

Characteristics of employed persons	Em- ployed persons, in thou- sands	Adult edu- cation partici- pants, in thou- sands ¹	Percent of adults participating					Number of ca- reer or job-re- lated courses taken, in thou- sands	Num- ber of career or job related courses taken, per em- ployee	Percent of ca- reer or job-re- lated courses pro- vided by busi- nesses ²	Percent of ca- reer or job-re- lated courses paid for by busi- nesses ²	Percent of part- time higher edu- cation courses pro- vided by busi- nesses ³	Percent of part- time higher edu- cation courses paid for by busi- nesses ³	Per- cent of em- ploy- ees re- ceiving work- related com- puter- aided instruc- tion
			In any pro- gram	In part- time higher edu- cation	In ca- reer or job re- lated courses	In ap- pre- ntice pro- grams	Other personal courses							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Annual family income														
\$10,000 or less	9,776	3,224	33.0	6.1	12.6	1.7	15.6	2,441	0.25	50.9	75.2	19.0	18.7	9.2
\$10,001 to \$15,000	6,183	2,389	38.6	7.2	15.1	1.6	19.5	2,257	0.37	59.1	82.0	10.0	11.2	10.7
\$15,001 to \$20,000	7,321	3,040	41.5	8.0	20.1	2.4	18.2	3,110	0.42	52.8	83.0	7.5	26.0	14.6
\$20,001 to \$25,000	7,832	3,164	40.4	7.4	20.4	1.5	19.3	3,785	0.48	53.1	82.9	12.1	28.5	12.6
\$25,001 to \$30,000	10,133	4,803	47.4	8.8	24.7	2.1	21.4	5,461	0.54	55.8	86.9	8.4	40.7	14.4
\$30,001 to \$40,000	19,617	9,734	49.6	8.9	30.2	1.8	21.9	14,903	0.76	50.2	89.2	12.1	42.9	17.0
\$40,001 to \$50,000	15,115	8,127	53.8	8.0	34.7	1.3	22.9	12,430	0.82	48.3	85.3	14.0	55.3	16.8
\$50,001 to \$75,000	23,006	13,288	57.8	8.9	40.0	1.1	23.7	23,430	1.02	48.3	86.9	10.2	55.9	20.8
More than \$75,000	18,843	11,964	63.5	8.6	45.2	0.9	26.5	23,592	1.25	45.0	87.6	9.2	49.2	22.7

¹ Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment. Includes adult basic education and English as a second language classes.

² Percentages based on the respondent's reports of the first six work-related courses taken.

³ Percentages based on the respondent's reports of the first three part-time higher education courses taken.

NOTE.—Data are based upon a sample survey of the civilian noninstitutional population. Because of rounding and survey item nonresponse, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Household Education Survey, "Participation in Adult Education," unpublished data. (This table was prepared October 1997.)

Table 356.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991 and 1995

Characteristics of participants	1991						1995								
	Population, in thousands	Adult education participants, in thousands ¹	Percent of adults participating				Population, in thousands	Adult education participants, in thousands ¹	Percent of adults participating						
			In any program	In basic education	In English as a second language	In part-time higher education			In any program	In basic education	In English as a second language	In part-time higher education	In career or job related courses	In apprentice programs	Other personal courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total	181,800	59,924	33.0	2.8	0.8	3.9	189,543	76,261	40.2	1.2	0.7	6.1	20.9	1.1	19.9
Sex															
Men	82,154	26,817	32.6	2.6	0.8	3.5	90,256	34,450	38.2	1.2	0.7	5.6	21.8	1.7	15.8
Women	99,646	33,108	33.2	2.9	0.9	4.2	99,287	41,811	42.1	1.2	0.6	6.5	20.2	0.6	23.5
Age															
17 to 24 years	21,688	8,197	37.8	7.4	1.9	7.9	22,407	10,539	47.0	4.6	1.4	12.6	14.7	3.2	21.5
25 to 29 years	22,603	9,049	40.0	4.1	1.7	6.7	18,988	9,420	49.6	1.4	1.4	10.9	25.5	2.5	21.0
30 to 34 years	24,641	9,275	37.6	2.9	1.0	5.0	21,338	10,088	47.3	1.1	0.8	8.0	26.1	1.3	23.3
35 to 39 years	21,000	8,839	42.1	2.8	0.9	5.5	22,494	10,737	47.7	1.2	1.0	7.5	29.1	1.3	20.9
40 to 44 years	17,565	8,650	49.2	2.7	0.6	4.4	19,810	10,078	50.9	0.9	0.8	7.1	31.2	0.9	24.9
45 to 49 years	11,303	4,523	40.0	2.0	0.3	3.2	17,463	8,499	48.7	0.6	0.4	5.7	32.5	0.5	21.1
50 to 54 years	14,072	3,767	26.8	1.7	0.6	1.3	14,344	6,093	42.5	0.5	0.1	3.9	26.3	0.3	19.7
55 to 59 years	9,564	2,770	29.0	1.7	0.1	1.0	11,096	3,577	32.2	0.4	0.2	1.7	17.8	0.3	17.3
60 to 64 years	10,403	1,808	17.4	0.6	0.1	0.5	10,728	2,540	23.7	0.1	0.3	0.6	10.6	0.3	15.2
65 to 69 years	9,920	1,409	14.2	0.5	0.0	0.3	10,215	1,850	18.1	0.1	0.0	0.2	4.0	0.0	15.3
70 years and over	19,040	1,638	8.6	0.2	0.0	0.1	20,661	2,841	13.8	0.0	0.0	0.1	1.4	0.0	12.6
Racial/ethnic group															
White, non-Hispanic	143,144	48,843	34.1	2.2	0.2	4.0	144,587	59,982	41.5	0.7	0.1	6.0	22.8	0.9	20.8
Black, non-Hispanic	20,141	5,207	25.9	4.5	0.6	3.2	20,806	7,704	37.0	2.3	0.1	7.3	16.2	1.6	18.9
Hispanic	13,804	4,339	31.4	6.0	6.6	3.6	15,689	5,281	33.7	3.6	5.7	4.8	11.8	1.8	13.8
Asian American/Pacific Islander	2,738	984	35.9	4.1	4.9	6.4	4,377	1,739	39.7	1.9	4.0	6.5	18.1	2.6	15.9
American Indian/Alaskan Native	997	293	29.3	2.3	4.2	12.5	1,155	448	38.8	3.6	0.0	9.3	20.6	0.9	21.6
Highest level of education completed															
Eighth grade or less	10,163	784	7.7	1.9	1.2	0.0	12,808	1,283	10.0	1.8	2.4	0.1	1.9	0.5	4.9
9th to 12th grade, no diploma	17,581	2,781	15.8	2.9	1.1	0.7	16,511	3,332	20.2	6.7	0.4	0.8	4.9	1.1	9.2
High school diploma	67,129	16,194	24.1	2.5	0.6	2.1	62,956	19,341	30.7	1.0	0.7	3.6	13.9	1.3	15.4
Some vocational/technical	6,994	2,392	34.2	1.8	0.9	1.3	6,327	2,648	41.9	0.6	0.6	5.4	21.9	1.5	21.1
Some college	36,823	15,260	41.4	4.4	1.3	7.7	34,433	16,978	49.3	0.5	0.5	12.1	22.3	1.8	25.3
Associate degree	5,034	2,479	49.2	3.7	1.3	7.0	9,975	5,601	56.1	0.4	0.2	10.9	32.1	1.4	27.4
Bachelor's degree	23,545	12,025	51.1	1.8	0.6	6.0	26,858	15,286	56.9	0.0	0.4	7.1	36.1	0.5	27.0
Some graduate work (or study)	14,531	8,009	55.1	2.2	0.6	5.9	19,677	11,792	59.9	0.0	0.8	8.5	40.4	0.4	29.1
No degree	—	—	—	—	—	—	4,123	2,563	62.2	0.0	0.7	15.2	32.5	0.5	33.5
Master's	—	—	—	—	—	—	10,522	6,219	59.1	0.0	0.9	8.1	41.0	0.4	29.0
Doctor's	—	—	—	—	—	—	2,564	1,384	54.0	0.0	0.4	4.7	35.0	0.5	25.1
Professional	—	—	—	—	—	—	2,467	1,626	65.9	0.0	0.9	3.0	56.6	0.6	26.0
Metropolitan area															
Inside metropolitan area	137,472	47,387	34.5	3.0	0.9	4.3	142,522	59,627	41.8	1.2	0.9	6.5	22.0	1.2	20.3
Inside central city	—	—	—	—	—	—	118,170	49,996	42.3	1.3	1.0	6.7	22.7	1.2	20.2
Outside central city	—	—	—	—	—	—	24,352	9,630	39.5	1.1	0.5	5.6	18.4	1.0	21.1
Outside metropolitan area	44,328	12,537	28.3	2.2	0.5	2.7	47,021	16,634	35.4	1.0	0.1	4.9	17.9	1.0	18.5
Labor force status															
In labor force	125,439	51,068	40.7	3.4	0.9	5.1	125,982	62,717	49.8	1.3	0.6	8.1	29.8	1.5	21.7
Employed	115,620	48,512	42.0	3.3	0.8	5.2	117,826	59,734	50.7	1.1	0.5	8.2	31.1	1.5	22.0
Unemployed	9,820	2,556	26.0	4.7	2.3	3.9	8,155	2,983	36.6	5.0	2.3	5.5	11.1	2.3	17.4
Not in labor force	56,361	8,856	15.7	1.4	0.6	1.2	63,562	13,544	21.3	0.9	0.8	2.2	3.4	0.3	16.2
Occupation															
Executive, administrative, or managerial	14,092	6,949	49.3	2.5	0.2	5.8	13,098	7,313	55.8	0.0	0.0	7.3	42.1	0.4	23.1
Engineers, surveyors, and architects	2,820	1,765	62.6	3.2	0.4	6.2	1,756	1,150	65.5	0.0	1.0	14.1	44.6	1.0	23.3
Natural scientists and mathematicians	1,009	487	48.2	0.3	0.3	5.7	1,743	1,261	72.3	0.0	0.2	9.9	58.6	0.0	24.8
Social scientists and workers, lawyers	3,206	1,781	55.6	1.2	0.1	4.4	2,530	1,938	76.6	0.0	0.2	11.5	59.4	1.5	32.3
Teachers, elementary and secondary	7,824	4,305	55.0	5.0	1.0	11.1	5,414	4,155	76.7	0.0	0.0	16.6	52.4	0.2	36.9
Teachers, postsecondary	1,247	568	45.5	1.5	0.5	9.4	1,254	687	54.8	0.0	0.3	4.1	40.8	0.0	26.0
Physicians, dentists, veterinarians	1,045	701	67.1	0.8	1.1	1.3	859	611	71.1	0.0	0.0	1.2	67.1	0.8	19.0
Registered nurses, pharmacists	4,692	2,798	59.6	2.5	0.9	6.9	2,337	2,026	86.7	0.1	0.1	10.6	71.3	0.2	33.6
Writers, artists, entertainers, and athletes	3,459	1,485	42.9	1.5	0.2	4.0	1,874	934	49.9	0.1	0.6	7.7	23.1	1.5	30.0
Health technologists and technicians	1,233	846	68.6	5.9	2.9	6.6	1,697	1,270	74.8	0.0	0.5	12.8	47.5	0.0	33.0
Technologists, except health	2,225	1,232	55.4	4.5	0.7	6.4	3,543	2,279	64.3	0.3	0.1	13.5	41.3	0.8	28.7
Marketing and sales occupations	18,787	6,470	34.4	2.3	0.6	3.1	18,174	8,038	44.2	1.1	0.4	6.8	23.2	1.0	20.4
Administrative support, including clerical	32,321	9,662	29.9	2.5	0.4	4.6	22,968	11,867	51.7	1.0	0.3	9.5	28.9	0.7	24.7
Service occupations	25,386	6,409	25.2	3.8	1.1	3.4	20,072	9,342	46.5	2.4	0.9	9.0	20.9	1.6	22.8
Agriculture, forestry, and fishing	4,800	686	14.3	0.6	0.4	0.7	2,336	616	26.4	0.4	0.5	1.6	11.5	0.3	15.6
Mechanics and repairers	6,744	2,165	32.1	3.1	0.4	2.5	4,692	2,231	47.6	2.1	0.6	7.1	27.7	4.5	15.6
Construction and extractive occupations	6,201	1,360	21.9	3.2	1.0	1.6	6,100	2,319	38.0	1.2	0.8	4.3	17.6	5.8	18.0
Precision production occupations	3,690	1,152	31.2	3.3	1.8	4.3	1,875	807	43.0	1.5	2.2	5.5	23.2	4.8	16.1

Table 356.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991 and 1995—Continued

Characteristics of participants	1991						1995								
	Popu- lation, in thou- sands	Adult edu- cation partic- ipants, in thou- sands ¹	Percent of adults participating				Popu- lation, in thou- sands	Adult edu- cation partic- ipants, in thou- sands ¹	Percent of adults participating						
			In any pro- gram	In basic edu- cation	In Eng- lish as a sec- ond lan- guage	In part- time higher edu- cation			In any pro- gram	In basic edu- cation	In Eng- lish as a sec- ond lan- guage	In part- time higher edu- cation	In ca- reer or job re- lated courses	In ap- pren- tice pro- grams	Other per- sonal courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Production workers	14,368	3,029	21.1	2.9	1.2	1.6	9,483	2,908	30.7	2.5	1.1	5.8	14.7	2.8	10.7
Transportation, material moving Handler, equipment, cleaners, helpers, and laborers	5,655	1,173	20.7	1.6	0.2	1.0	5,311	1,507	28.4	1.9	0.1	3.5	15.5	0.9	11.9
Miscellaneous occupations	5,069	1,056	20.8	3.7	2.0	2.2	2,456	617	25.1	2.7	0.7	3.1	11.1	3.3	9.7
	—	—	—	—	—	—	2,311	1,308	56.6	0.5	1.5	7.9	35.4	4.0	22.6
Annual family income															
\$5,000 or less	10,227	1,394	13.6	3.8	2.0	1.2	12,638	2,689	21.3	3.1	1.7	3.3	4.1	1.1	11.8
\$5,001 to \$10,000	17,277	3,024	17.5	2.3	0.8	2.2	17,560	4,194	23.9	2.5	1.5	4.0	6.7	1.0	13.2
\$10,001 to \$15,000	15,465	3,521	22.8	2.4	1.1	2.7	13,523	3,610	26.7	2.0	0.8	4.0	8.7	1.1	14.8
\$15,001 to \$20,000	16,117	3,525	21.9	2.7	1.2	3.1	13,116	4,176	31.8	1.3	1.1	5.4	13.0	1.5	15.8
\$20,001 to \$25,000	16,092	4,294	26.7	2.5	1.2	3.3	13,812	4,339	31.4	1.1	0.8	4.8	13.3	1.1	17.0
\$25,001 to \$30,000	17,973	5,772	32.1	3.4	1.1	4.5	16,386	6,208	37.9	1.2	0.4	6.5	17.1	1.3	19.2
\$30,001 to \$40,000	26,110	9,288	35.6	3.0	0.6	4.4	28,628	12,220	42.7	0.8	0.4	6.9	22.1	1.4	22.0
\$40,001 to \$50,000	21,303	9,550	44.8	3.0	0.7	5.4	20,446	9,567	46.8	0.7	0.4	6.8	27.0	1.0	22.4
\$50,001 to \$75,000	24,540	11,425	46.6	3.0	0.3	5.6	29,161	15,169	52.0	0.4	0.3	7.6	32.8	1.0	23.6
More than \$75,000	16,695	8,130	48.7	1.9	0.3	4.0	24,274	14,089	58.0	0.5	0.3	7.7	37.3	0.8	26.8

¹ Adult education is defined as all education activities, except full-time enrollment in higher education credential programs. Examples of adult education activities include part-time college attendance, classes or seminars given by employers, and classes taken for adult literacy purposes, or for recreation and enjoyment.

NOTE.—Data are based upon a sample survey of the civilian noninstitutional population. Because of rounding and survey item nonresponse, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Participation in Adult Education," unpublished data. (This table was prepared February 1997.)

Table 357.—Participants in adult basic and secondary education programs, by level of enrollment and state: Fiscal years 1980, 1990, and 1995

State or other area	1980				1990			1995		
	Total	Level of enrollment			Total	Level of enrollment		Total	Level of enrollment	
		Adult basic education	Adult secondary education	Ungraded		Adult basic education ¹	Adult secondary education		Adult basic education ¹	Adult secondary education
1	2	3	4	5	6	7	8	9	10	11
United States	2,018,906	915,936	531,663	571,307	3,535,970	2,435,649	1,100,321	3,875,452	2,948,302	927,150
Alabama	51,599	36,726	12,372	2,501	40,177	32,984	7,193	56,488	45,193	11,295
Alaska	5,667	2,200	2,188	1,279	5,067	4,267	800	7,906	6,203	1,703
Arizona	9,996	9,968	22	6	33,805	24,915	8,890	52,656	40,002	12,654
Arkansas	8,583	7,308	1,275	—	29,065	17,103	11,962	42,457	24,344	18,113
California	267,625	60,385	—	207,240	1,021,227	753,282	267,945	1,088,044	1,057,257	30,787
Colorado	9,381	4,295	2,644	2,442	12,183	9,877	2,306	14,851	11,020	3,831
Connecticut	21,889	8,882	4,805	8,202	46,434	25,560	20,874	26,170	15,766	10,404
Delaware	1,797	1,110	503	184	2,662	2,348	314	3,884	3,391	493
District of Columbia	25,214	4,928	6,502	13,784	19,586	12,631	6,955	9,138	6,656	2,482
Florida	467,162	100,958	184,568	181,636	419,429	249,339	170,090	474,651	302,990	171,661
Georgia	50,820	26,734	17,008	7,078	69,580	49,622	19,958	92,022	64,079	27,943
Hawaii	16,457	16,457	—	—	52,012	31,766	20,246	61,664	36,988	24,676
Idaho	12,851	8,915	3,010	926	11,171	9,180	1,991	9,828	7,467	2,361
Illinois	76,456	59,314	17,142	—	87,121	69,770	17,351	94,808	80,122	14,686
Indiana	20,882	18,127	2,660	95	44,166	27,138	17,028	38,102	26,170	11,932
Iowa	25,851	16,928	5,153	3,770	41,507	30,470	11,037	40,510	28,961	11,549
Kansas	14,405	3,687	7,436	3,282	10,274	9,191	1,083	13,762	10,679	3,083
Kentucky	27,800	6,147	4,735	16,918	28,090	20,406	7,684	30,352	23,207	7,145
Louisiana	16,046	12,608	2,485	953	40,039	20,941	19,098	46,087	24,663	21,424
Maine	5,327	3,029	942	1,356	14,964	6,620	8,344	15,687	7,050	8,637
Maryland	34,572	23,421	6,043	5,108	41,230	36,244	4,986	30,677	21,692	8,985
Massachusetts	20,420	10,241	5,044	5,135	34,220	28,140	6,080	15,014	11,828	3,186
Michigan	40,973	29,945	—	11,028	194,178	80,206	113,972	164,075	69,014	95,061
Minnesota	10,826	8,627	877	1,322	45,648	33,190	12,458	36,350	26,556	9,794
Mississippi	14,317	10,340	2,918	1,059	18,957	15,834	3,123	22,857	17,660	5,197
Missouri	33,292	27,206	3,732	2,354	31,815	27,274	4,541	34,804	29,882	4,922
Montana	3,525	1,795	978	752	6,071	3,962	2,109	6,545	4,044	2,501
Nebraska	7,514	5,152	2,362	—	6,158	5,349	809	7,616	6,974	642
Nevada	3,063	845	82	2,136	17,262	7,270	9,992	16,359	4,556	11,803
New Hampshire	4,844	2,657	1,625	562	7,198	5,073	2,125	6,223	3,309	2,914
New Jersey	35,770	17,152	6,790	11,828	64,080	46,526	17,554	37,500	29,410	8,090
New Mexico	13,102	3,590	5,147	4,365	30,236	18,069	12,167	35,080	20,628	14,452
New York	94,574	57,217	20,002	17,355	156,611	125,893	30,718	209,390	165,892	43,498
North Carolina	84,252	33,854	46,679	3,719	109,740	71,698	38,042	120,945	83,673	37,272
North Dakota	2,810	1,963	538	309	3,587	2,500	1,087	3,270	2,329	941
Ohio	50,056	42,421	7,635	—	95,476	79,527	15,949	110,305	91,221	19,084
Oklahoma	14,701	6,983	5,697	2,021	24,307	19,131	5,176	32,778	26,621	6,157
Oregon	27,645	10,690	12,594	4,361	37,075	24,915	12,160	40,800	22,875	17,925
Pennsylvania	29,477	19,246	6,436	3,795	52,444	40,108	12,336	52,176	37,497	14,679
Rhode Island	5,844	2,266	1,357	2,221	7,347	5,874	1,473	6,182	4,829	1,353
South Carolina	69,659	27,959	35,165	6,535	81,200	37,117	44,083	108,041	46,644	61,397
South Dakota	4,067	2,080	1,109	878	3,184	2,458	726	4,518	3,624	894
Tennessee	26,268	17,079	3,244	5,945	41,721	39,604	2,117	51,054	39,019	12,035
Texas	157,349	94,245	51,126	11,978	218,747	145,067	73,680	207,921	159,983	47,938
Utah	18,541	3,756	14,785	—	24,841	6,003	18,838	30,302	11,147	19,155
Vermont	4,583	3,990	—	593	4,808	4,452	356	4,800	4,434	366
Virginia	21,525	10,480	3,804	7,241	31,649	30,005	1,644	33,786	24,920	8,866
Washington	16,286	7,245	3,894	5,147	31,776	25,336	6,440	44,728	39,061	5,667
West Virginia	14,628	9,743	3,672	1,213	21,186	14,227	2,959	26,232	18,912	7,320
Wisconsin	16,158	14,185	1,973	—	61,081	45,116	15,965	78,544	60,162	18,382
Wyoming	2,457	857	905	695	3,578	2,071	2,507	4,370	2,912	1,458
Outlying areas										
American Samoa	313	252	61	—	—	—	—	—	—	—
Northern Marianas	—	—	—	—	—	—	—	430	246	184
Guam	1,346	612	471	263	1,311	414	2,897	2,034	632	1,402
Puerto Rico	30,164	17,844	9,010	3,310	28,436	28,436	—	68,394	32,943	35,451
Trust Territory of the Pacific	3,753	2,138	699	916	—	—	—	—	—	—
Virgin Islands	3,500	1,002	859	1,639	1,653	1,215	438	2,285	965	1,320

¹ Includes English as a second language.

² Estimated.

—Data not available or not applicable.

Education Programs;" Office of Vocational and Adult Education, "Adult Education Program Facts, Program Year 1990–1991" and Division of Adult Education and Literacy, "Adult Education Program Facts, Program Year 1995–96." (This table was prepared April 1997).

Table 358.—Number of noncollegiate institutions offering postsecondary education, by control and state: 1993–94, 1994–95, and 1995–96

State or other area	1993–94			1994–95					1995–96				
	Total	Public	Private	Total	Public	Private			Total	Public	Private		
						Total	Nonprofit	Proprietary			Total	Nonprofit	Proprietary
1	2	3	4	5	6	7	8	9	10	11	12	13	14
United States	6,737	527	6,210	6,558	538	6,020	1,214	4,806	6,256	534	5,722	1,171	4,551
Alabama	76	10	66	71	8	63	8	55	63	7	56	7	49
Alaska	32	3	29	31	3	28	5	23	31	3	28	5	23
Arizona	125	4	121	124	4	120	16	104	113	4	109	16	93
Arkansas	82	20	62	76	19	57	9	48	69	16	53	8	45
California	1,126	32	1,094	1,041	35	1,006	230	776	997	35	962	225	737
Colorado	138	8	130	146	8	138	21	117	143	6	137	22	115
Connecticut	100	1	99	105	1	104	21	83	97	2	95	20	75
Delaware	15	1	14	14	1	13	2	11	12	1	11	2	9
District of Columbia	24	1	23	21	1	20	9	11	19	1	18	8	10
Florida	341	40	301	339	40	299	56	243	333	39	294	54	240
Georgia	102	4	98	104	4	100	15	85	101	5	96	16	80
Hawaii	29	1	28	26	1	25	4	21	22	1	21	3	18
Idaho	26	1	25	25	1	24	1	23	24	1	23	1	22
Illinois	304	12	292	285	11	274	56	218	264	10	254	56	198
Indiana	117	8	109	114	7	107	13	94	108	8	100	14	86
Iowa	72	0	72	66	0	66	17	49	62	0	62	16	46
Kansas	62	14	48	62	13	49	11	38	53	10	43	7	36
Kentucky	112	21	91	113	22	91	7	84	105	23	82	6	76
Louisiana	165	49	116	150	49	101	9	92	141	51	90	9	81
Maine	21	0	21	23	0	23	8	15	24	1	23	8	15
Maryland	135	0	135	122	0	122	21	101	112	0	112	20	92
Massachusetts	159	13	146	162	12	150	44	106	160	12	148	42	106
Michigan	247	6	241	282	6	276	44	232	264	6	258	43	215
Minnesota	89	14	75	88	5	83	18	65	79	4	75	16	59
Mississippi	52	0	52	49	0	49	4	45	38	0	38	3	35
Missouri	168	30	138	170	31	139	25	114	159	31	128	24	104
Montana	45	5	40	43	4	39	9	30	36	0	36	8	28
Nebraska	50	0	50	51	0	51	8	43	50	0	50	8	42
Nevada	46	0	46	47	0	47	1	46	57	0	57	1	56
New Hampshire	25	0	25	22	0	22	2	20	18	0	18	2	16
New Jersey	176	10	166	166	10	156	37	119	161	12	149	33	116
New Mexico	46	3	43	45	4	41	6	35	38	3	35	6	29
New York	353	15	338	337	26	311	118	193	343	31	312	115	197
North Carolina	81	4	77	81	4	77	8	69	74	4	70	7	63
North Dakota	19	0	19	19	0	19	6	13	17	0	17	5	12
Ohio	312	52	260	303	54	249	60	189	290	55	235	56	179
Oklahoma	95	34	61	111	33	78	5	73	108	33	75	4	71
Oregon	109	0	109	99	0	99	9	90	94	1	93	11	82
Pennsylvania	347	19	328	352	30	322	100	222	345	31	314	103	211
Rhode Island	28	0	28	28	0	28	9	19	29	0	29	9	20
South Carolina	60	2	58	56	2	54	11	43	57	1	56	11	45
South Dakota	17	5	12	17	5	12	5	7	16	5	11	4	7
Tennessee	143	30	113	139	29	110	20	90	135	29	106	17	89
Texas	382	6	376	360	7	353	37	316	350	6	344	38	306
Utah	43	6	37	42	6	36	2	34	39	5	34	2	32
Vermont	13	3	10	13	3	10	4	6	10	0	10	4	6
Virginia	148	11	137	144	11	133	32	101	139	12	127	31	96
Washington	111	5	106	107	5	102	13	89	104	5	99	12	87
West Virginia	70	19	51	73	18	55	14	41	71	19	52	13	39
Wisconsin	90	4	86	86	5	81	24	57	74	5	69	20	49
Wyoming	9	1	8	8	0	8	0	8	8	0	8	0	8
Outlying areas	95	5	90	84	6	78	16	62	84	6	78	14	64
American Samoa	0	0	0	0	0	0	0	0	0	0	0	0	0
Guam	1	0	1	0	0	0	0	0	0	0	0	0	0
Northern Marianas	0	0	0	0	0	0	0	0	0	0	0	0	0
Palau	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	94	5	89	84	6	78	16	62	84	6	78	14	64
Virgin Islands	0	0	0	0	0	0	0	0	0	0	0	0	0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics" surveys. (This table was prepared September 1996.)

CHAPTER 4

Federal Programs for Education and Related Activities

This chapter provides a summary of federal funds for education to help describe the magnitude of the federal fiscal effort and give some indication of the scope and variety of the education programs. Data in this chapter reflect outlays and obligations of federal agencies. These tabulations differ from federal receipts reported in other chapters because of numerous variations in the data collection systems. Federal dollars are not necessarily spent by recipient institutions in the same year they are appropriated. In some cases, institutions cannot identify the source of federal revenues because they flow through state agencies. Some types of revenues, such as tuition and fees, are reported as revenues from students even though they may be supported by federal student aid programs. Some institutions that receive federal education funds are not included in regular surveys conducted by the National Center for Education Statistics. Thus, the revenue data tabulated in this chapter are not comparable with figures reported in other chapters. Readers should be careful about comparing data on obligations shown in some tables with data on outlays and appropriations appearing in others.

Federal on-budget funding for education showed sizable growth between fiscal years (FYs) 1965 and 1998, after adjustment for inflation. Particularly large increases occurred between 1965 and 1975. After a period of small increases between 1975 and 1980, federal funding for education, excluding estimated federal tax expenditures for education, declined approximately 16 percent between 1980 and 1985 after adjustment for inflation. From 1985 to 1998, federal on-budget funding for education increased by 30 percent (table 359).

During the 1965 to 1975 period, after adjustment for inflation, federal funds for elementary and secondary education rose by 210 percent, postsecondary education by 262 percent, other education by 144 percent, and by 7 percent for research at educational institutions. Between 1975 and 1980, federal funding for elementary and secondary education rose by 2 percent and research by 14 percent, but postsecondary education fell slightly by 2 percent and other education fell by 35 percent. After declining 22 percent between 1980 and 1985, federal funding for elementary and secondary education programs rose

by 47 percent between 1985 and 1998. Postsecondary education fell by 25 percent between 1980 and 1985 then fell 3 percent between 1985 and 1998. Between 1985 and 1998, other education rose by 66 percent, and research by 31 percent, after adjustment for inflation (table 359).

According to FY 1998 estimates, \$30.7 billion or about 41 percent of the \$75.1 billion spent by the federal government on education came from the U.S. Department of Education. Large amounts of money also came from the U.S. Department of Health and Human Services (\$13.6 billion), the U.S. Department of Agriculture (\$10.2 billion), the U.S. Department of Labor (\$5.0 billion), the U.S. Department of Defense (\$3.6 billion), and the U.S. Department of Energy (\$3.2 billion) (table 360).

Fiscal year 1998 estimates call for federal program funds for elementary and secondary education to be \$36.8 billion; for postsecondary education, \$16.0 billion; for research at universities and related institutions, \$17.1 billion; and for other programs, \$5.2 billion (table 361).

Almost 58 percent of total federal education support, excluding estimated federal tax expenditures, went to educational institutions in FY 1998. Another 20 percent was used for student support. Banks and other lending agencies received 9 percent, and all other recipients, including libraries, museums, and federal institutions, received 14 percent (table 362).

Between FYs 1990 and 1998, U.S. Department of Education obligations rose 73 percent, after adjustment for inflation. Funds for student financial assistance increased by \$19.9 billion in 1998, a rise of 123 percent since 1990. Funds for elementary and secondary education were an estimated \$11.3 billion in 1998, an increase of 26 percent since 1990, after adjustment for inflation. Funds for the handicapped increased by 75 percent, to \$7.6 billion, and funds for vocational and adult education increased 9 percent, after adjustment for inflation (tables 38 and 363).

Of the \$30.7 billion spent by the U.S. Department of Education in FY 1998, about \$11.5 billion went to school districts, \$6.0 billion to institutions of higher education, \$5.5 billion to college students, and \$3.7 billion to state education agencies. A portion of the remaining \$4.0 billion went to banks to subsidize student loans (table 364).

Thirty-three percent of public elementary and secondary school students in the United States received publicly funded free or reduced-price lunches in 1993–94. At public elementary schools, the participation rate was 39 percent compared with 22 percent for public secondary schools (table 373).

About 13 percent of all elementary and secondary school children received Title I services in 1993–94. Federally sponsored Title I programs are designed to compensate for the linkage between family poverty and low student achievement, particularly for children in schools with high concentrations of poverty. Children in rural areas (13 percent) and central cities (17 percent) were more likely to receive services than those in suburban areas (9 percent) (table 374).

Federal Education Legislation

A capsule view of the history of federal education activities is provided in the following list of selected legislation:

- 1787** *Northwest Ordinance* authorized land grants for the establishment of educational institutions.
- 1802** *An Act Fixing the Military Peace Establishment of the United States* established the U.S. Military Academy. (The U.S. Naval Academy was established in 1845 by the Secretary of the Navy.)
- 1862** *First Morrill Act* authorized public land grants to the states for the establishment and maintenance of agricultural and mechanical colleges.
- 1867** *Department of Education Act* authorized the establishment of the U.S. Department of Education.*
- 1876** *Appropriation Act*, U.S. Department of the Treasury, established the U.S. Coast Guard Academy.
- 1890** *Second Morrill Act* provided for money grants for support of instruction in the agricultural and mechanical colleges.
- 1911** *State Marine School Act* authorized federal funds to be used for the benefit of any nautical school in any of 11 specified state seaport cities.
- 1917** *Smith-Hughes Act* provided for grants to states for support of vocational education.
- 1918** *Vocational Rehabilitation Act* provided for grants for rehabilitation through training of World War I veterans.
- 1919** *An Act to Provide for Further Educational Facilities* authorized the sale by the federal government of surplus machine tools to educational institutions at 15 percent of acquisition cost.
- 1920** *Smith-Bankhead Act* authorized grants to states for vocational rehabilitation programs.
- 1935** *Bankhead-Jones Act* (Public Law 74–182) authorized grants to states for agricultural experiment stations.
- Agricultural Adjustment Act* (Public Law 74–320) authorized 30 percent of the annual customs receipts to be used to encourage the exportation and domestic consumption of agricultural commodities. Commodities purchased under this authorization began to be used in school lunch programs in 1936. The National School Lunch Act of 1946 continued and expanded this assistance.
- 1936** *An Act to Further the Development and Maintenance of an Adequate and Well-Balanced American Merchant Marine* (Public Law 74–415) established the U.S. Merchant Marine Academy.
- 1937** *National Cancer Institute Act* established the Public Health Service fellowship program.
- 1941** *Amendment to Lanham Act of 1940* authorized federal aid for construction, maintenance, and operation of schools in federally impacted areas. Such assistance was continued under Public Law 815 and Public Law 874, 81st Congress, in 1950.
- 1943** *Vocational Rehabilitation Act* (Public Law 78–16) provided assistance to disabled veterans.
- School Lunch Indemnity Plan* (Public Law 78–129) provided funds for local lunch food purchases.
- 1944** *Servicemen's Readjustment Act* (Public Law 78–346) known as the GI Bill, provided assistance for the education of veterans.
- Surplus Property Act* (Public Law 78–457) authorized transfer of surplus property to educational institutions.
- 1946** *National School Lunch Act* (Public Law 79–396) authorized assistance through grants-in-aid and other means to states to assist in providing adequate foods and facilities for the establishment, maintenance, operation, and

*The U.S. Department of Education as established in 1867 was later known as the Office of Education. In 1980, under Public Law 96–88, it became a cabinet-level department. Therefore, for purposes of consistency, it is referred to as the "U.S. Department of Education" even in those tables covering years when it was officially the Office of Education.

expansion of nonprofit school lunch programs.

George-Barden Act (Public Law 80–402) expanded federal support of vocational education.

1948 *United States Information and Educational Exchange Act* (Public Law 80–402) provided for the interchange of persons, knowledge, and skills between the United States and other countries.

1949 *Federal Property and Administrative Services Act* (Public Law 81–152) provided for donation of surplus property to educational institutions and for other public purposes.

1950 *Financial Assistance for Local Educational Agencies Affected by Federal Activities* (Public Law 81–815 and Public Law 81–874) provided assistance for construction (Public Law 815) and operation (Public Law 874) of schools in federally affected areas.

Housing Act (Public Law 81–475) authorized loans for construction of college housing facilities.

1954 *An Act for the Establishment of the United States Air Force Academy and Other Purposes* (Public Law 83–325) established the U.S. Air Force Academy.

Educational Research Act (Public Law 83–531) authorized cooperative arrangements with universities, colleges, and state educational agencies for educational research.

School Milk Program Act (Public Law 83–597) provided funds for purchase of milk for school lunch programs.

1956 *Library Services Act* (Public Law 84–597) provided grants to states for extension and improvement of rural public library services.

1957 *Practical Nurse Training Act* (Public Law 84–911) provided grants to states for practical nurse training.

1958 *National Defense Education Act* (Public Law 85–864) provided assistance to state and local school systems for strengthening instruction in science, mathematics, modern foreign languages, and other critical subjects; improvement of state statistical services; guidance, counseling, and testing services and training institutes; higher education student loans and fellowships; foreign language study and training provided by colleges and universities; experimentation and dissemination of information on more effective utilization

of television, motion pictures, and related media for educational purposes; and vocational education for technical occupations necessary to the national defense.

Education of Mentally Retarded Children Act (Public Law 85–926) authorized federal assistance for training teachers of the handicapped.

Captioned Films for the Deaf Act (Public Law 85–905) authorized a loan service of captioned films for the deaf.

1961 *Area Redevelopment Act* (Public Law 87–27) included provisions for training or retraining of persons in redevelopment areas.

1962 *Manpower Development and Training Act* (Public Law 87–415) provided training in new and improved skills for the unemployed and underemployed.

Migration and Refugee Assistance Act of 1962 (Public Law 87–510) authorized loans, advances, and grants for education and training of refugees.

1963 *Health Professions Educational Assistance Act of 1963* (Public Law 88–129) provided funds to expand teaching facilities and for loans to students in the health professions.

Vocational Education Act of 1963 (Part of Public Law 88–210) increased federal support of vocational education schools; vocational work-study programs; and research, training, and demonstrations in vocational education.

Higher Education Facilities Act of 1963 (Public Law 88–204) authorized grants and loans for classrooms, libraries, and laboratories in public community colleges and technical institutes, as well as undergraduate and graduate facilities in other institutions of higher education.

1964 *Civil Rights Act of 1964* (Public Law 88–352) authorized the Commissioner of Education to arrange for support for institutions of higher education and school districts to provide in-service programs for assisting instructional staff in dealing with problems caused by desegregation.

Economic Opportunity Act of 1964 (Public Law 88–452) authorized grants for college work-study programs for students from low-income families; established a Job Corps program and authorized support for work-training programs to provide education and vocational training and work experience opportunities in

welfare programs; authorized support of education and training activities and of community action programs, including Head Start, Follow Through, and Upward Bound; and authorized the establishment of Volunteers in Service to America (VISTA).

1965 *Elementary and Secondary Education Act of 1965* (Public Law 89–10) authorized grants for elementary and secondary school programs for children of low-income families; school library resources, textbooks, and other instructional materials for school children; supplementary educational centers and services; strengthening state education agencies; and educational research and research training.

Health Professions Educational Assistance Amendments of 1965 (Public Law 89–290) authorized scholarships to aid needy students in the health professions.

Higher Education Act of 1965 (Public Law 89–329) provided grants for university community service programs, college library assistance, library training and research, strengthening developing institutions, teacher training programs, and undergraduate instructional equipment. Authorized insured student loans, established a National Teacher Corps, and provided for graduate teacher training fellowships.

National Foundation on the Arts and the Humanities Act (Public Law 89–209) authorized grants and loans for projects in the creative and performing arts and for research, training, and scholarly publications in the humanities.

National Technical Institute for the Deaf Act (Public Law 89–36) provided for the establishment, construction, equipping, and operation of a residential school for postsecondary education and technical training of the deaf.

School Assistance in Disaster Areas Act (Public Law 89–313) provided for assistance to local education agencies to help meet exceptional costs resulting from a major disaster.

1966 *International Education Act* (Public Law 89–698) provided grants to institutions of higher education for the establishment, strengthening, and operation of centers for research and training in international studies and the international aspects of other fields of study.

National Sea Grant College and Program Act (Public Law 89–688) authorized the establishment and operation of Sea Grant Colleges and programs by initiating and supporting programs of education and research in the various fields relating to the development of marine resources.

Adult Education Act (Public Law 89–750) authorized grants to states for the encouragement and expansion of educational programs for adults, including training of teachers of adults and demonstrations in adult education (previously part of Economic Opportunity Act of 1964).

Model Secondary School for the Deaf Act (Public Law 89–694) authorized the establishment and operation, by Gallaudet College, of a model secondary school for the deaf.

1967 *Education Professions Development Act* (Public Law 90–35) amended the Higher Education Act of 1965 for the purpose of improving the quality of teaching and to help meet critical shortages of adequately trained educational personnel.

Public Broadcasting Act of 1967 (Public Law 90–129) established a Corporation for Public Broadcasting to assume major responsibility in channeling federal funds to noncommercial radio and television stations, program production groups, and ETV networks; conduct research, demonstration, or training in matters related to noncommercial broadcasting; and award grants for construction of educational radio and television facilities.

1968 *Elementary and Secondary Education Amendments of 1968* (Public Law 90–247) modified existing programs, authorized support of regional centers for education of handicapped children, model centers and services for deaf-blind children, recruitment of personnel and dissemination of information on education of the handicapped; technical assistance in education to rural areas; support of dropout prevention projects; and support of bilingual education programs.

Handicapped Children's Early Education Assistance Act (Public Law 90–538) authorized pre-school and early education programs for handicapped children.

Vocational Education Amendments of 1968 (Public Law 90–576) modified existing programs and provided for a National Advisory Council on Vocational Education and collection and dissemination of information for pro-

grams administered by the Commissioner of Education.

1970 *Elementary and Secondary Education Assistance Programs, Extension* (Public Law 91-230) authorized comprehensive planning and evaluation grants to state and local education agencies; provided for the establishment of a National Commission on School Finance.

National Commission on Libraries and Information Services Act (Public Law 91-345) established a National Commission on Libraries and Information Science to effectively utilize the nation's educational resources.

Office of Education Appropriation Act (Public Law 91-380) provided emergency school assistance to desegregating local education agencies.

Environmental Education Act (Public Law 91-516) established an Office of Environmental Education to develop curriculum and initiate and maintain environmental education programs at the elementary-secondary levels; disseminate information; provide training programs for teachers and other educational, public, community, labor, and industrial leaders and employees; provide community education programs; and distribute material dealing with the environment and ecology.

Drug Abuse Education Act of 1970 (Public Law 91-527) provided for development, demonstration, and evaluation of curricula on the problems of drug abuse.

1971 *Comprehensive Health Manpower Training Act of 1971* (Public Law 92-257) amended Title VII of the Public Health Service Act, increasing and expanding provisions for health manpower training and training facilities.

1972 *Drug Abuse Office and Treatment Act of 1972* (Public Law 92-255) established a Special Action Office for Drug Abuse Prevention to provide overall planning and policy for all federal drug-abuse prevention functions; a National Advisory Council for Drug Abuse Prevention; community assistance grants for community mental health centers for treatment and rehabilitation of persons with drug-abuse problems, and, in December 1974, a National Institute on Drug Abuse.

Education Amendments of 1972 (Public Law 92-318) established the Education Division in the U.S. Department of Health, Education, and Welfare and the National Institute of Education; general aid for institutions of higher

education; federal matching grants for state Student Incentive Grants; a National Commission on Financing Postsecondary Education; State Advisory Councils on Community Colleges; a Bureau of Occupational and Adult Education and State Grants for the design, establishment, and conduct of postsecondary occupational education; and a bureau-level Office of Indian Education. Amended current U.S. Department of Education programs to increase their effectiveness and better meet special needs. Prohibited sex bias in admission to vocational, professional, and graduate schools, and public institutions of undergraduate higher education.

1973 *Older Americans Comprehensive Services Amendment of 1973* (Public Law 93-29) made available to older citizens comprehensive programs of health, education, and social services.

Comprehensive Employment and Training Act of 1973 (Public Law 93-203) provided for opportunities for employment and training to unemployed and underemployed persons. Extended and expanded provisions in the Manpower Development and Training Act of 1962, Title I of the Economic Opportunity Act of 1962, Title I of the Economic Opportunity Act of 1964, and the Emergency Employment Act of 1971 as in effect prior to June 30, 1973.

1974 *Education Amendments of 1974* (Public Law 93-380) provided for the consolidation of certain programs; and established a National Center for Education Statistics.

Juvenile Justice and Delinquency Prevention Act of 1974 (Public Law 93-415) provided for technical assistance, staff training, centralized research, and resources to develop and implement programs to keep students in elementary and secondary schools; and established, in the U.S. Department of Justice, a National Institute for Juvenile Justice and Delinquency Prevention.

1975 *Indian Self-Determination and Education Assistance Act* (Public Law 93-638) provided for increased participation of Indians in the establishment and conduct of their education programs and services.

Harry S Truman Memorial Scholarship Act (Public Law 93-642) established the Harry S Truman Scholarship Foundation and created a perpetual education scholarship fund for

young Americans to prepare and pursue careers in public service.

Indochina Migration and Refugee Assistance Act of 1975 (Public Law 94–23) authorized funds to be used for education and training of aliens who have fled from Cambodia or Vietnam.

Education for All Handicapped Children Act (Public Law 94–142) provided that all handicapped children have available to them a free appropriate education designed to meet their unique needs.

- 1976** *Educational Broadcasting Facilities and Telecommunications Demonstration Act of 1976* (Public Law 94–309) established a telecommunications demonstration program to promote the development of nonbroadcast telecommunications facilities and services for the transmission, distribution, and delivery of health, education, and public or social service information.

Education Amendments of 1976 (Public Law 94–482) extended and revised federal programs for education assistance for higher education, vocational education, and a variety of other programs.

- 1977** *Youth Employment and Demonstration Projects Act of 1977* (Public Law 95–93) established a youth employment training program that includes, among other activities, promoting education-to-work transition, literacy training and bilingual training, and attainment of certificates of high school equivalency.

Career Education Incentive Act (Public Law 95–207) authorized the establishment of a career education program for elementary and secondary schools.

- 1978** *Tribally Controlled Community College Assistance Act of 1978* (Public Law 95–471) provided federal funds for the operation and improvement of tribally controlled community colleges for Indian students.

Education Amendments of 1978 (Public Law 95–561) established a comprehensive basic skills program aimed at improving pupil achievement (replaced the existing National Reading Improvement program); and established a community schools program to provide for the use of public buildings.

Middle Income Student Assistance Act (Public Law 95–566) modified the provisions for student financial assistance programs to allow middle-income as well as low-income stu-

dents attending college or other postsecondary institutions to qualify for federal education assistance.

- 1979** *Department of Education Organization Act* (Public Law 96–88) established a U.S. Department of Education containing functions from the Education Division of the U.S. Department of Health, Education, and Welfare along with other selected education programs from HEW, the U.S. Department of Justice, U.S. Department of Labor, and the National Science Foundation.

- 1980** *Asbestos School Hazard Detection and Control Act of 1980* (Public Law 96–270) established a program for inspection of schools for detection of hazardous asbestos materials and provided loans to assist educational agencies to contain or remove and replace such materials.

- 1981** *Education Consolidation and Improvement Act of 1981* (Part of Public Law 97–35) consolidated 42 programs into 7 programs to be funded under the elementary and secondary block grant authority.

- 1983** *Student Loan Consolidation and Technical Amendments Act of 1983* (Public Law 98–79) established an 8 percent interest rate for Guaranteed Student Loans and extended Family Contribution Schedule.

Challenge Grant Amendments of 1983 (Public Law 98–95) amended Title III, Higher Education Act, and added authorization of Challenge Grant program. The Challenge Grant program provides funds to eligible institutions on a matching basis as an incentive to seek alternative sources of funding.

Education of the Handicapped Act Amendments of 1983 (Public Law 98–199) added the Architectural Barrier amendment and clarified participation of handicapped children in private schools.

- 1984** *Education for Economic Security Act* (Public Law 98–377) added new science and mathematics programs for elementary, secondary, and postsecondary education. The new programs included magnet schools, excellence in education, and equal access.

Carl D. Perkins Vocational Education Act (Public Law 98–524) continued federal assistance for vocational education through FY 1989. The act replaced the Vocational Education Act of 1963. It provided aid to the states to make vocational education programs acces-

sible to all persons, including handicapped and disadvantaged, single parents and homemakers, and the incarcerated.

Human Services Reauthorization Act (Public Law 98–558) reauthorized the Head Start and Follow Through programs through FY 1986. It also created a Carl D. Perkins scholarship program, a National Talented Teachers Fellowship program, a Federal Merit Scholarships program, and a Leadership in Educational Administration program.

1985 *Montgomery GI Bill—Active Duty* (Public Law 98–525), brought about a new GI Bill for individuals who initially entered active military duty on or after July 1, 1985.

Montgomery GI Bill—Selected Reserve (Public Law 98–525), is an education program for members of the Selected Reserve (which includes the National Guard) who enlist, reenlist, or extend an enlistment after June 30, 1985, for a 6-year period.

1986 *Handicapped Children's Protection Act of 1986* (Public Law 99–372) allowed parents of handicapped children to collect attorneys' fees in cases brought under the Education of the Handicapped Act and provided that the Education of the Handicapped Act does not preempt other laws, such as Section 504 of the Rehabilitation Act.

Drug-Free Schools and Communities Act of 1986 (Part of Public Law 99–570), part of the Anti-Drug Abuse Act of 1986, authorized funding for FYs 1987–89. Established programs for drug abuse education and prevention, coordinated with related community efforts and resources, through the use of federal financial assistance.

1987 *Higher Education Act Amendments of 1987* (Public Law 100–50) made technical corrections, clarifications, or conforming amendments related to the enactment of the Higher Education Amendments of 1986.

1988 *Augustus F. Hawkins-Robert T. Stafford Elementary and Secondary School Improvement Amendments of 1988* (Public Law 100–297) reauthorized through 1993 major elementary and secondary education programs including: Chapter 1, Chapter 2, Bilingual Education, Math-Science Education, Magnet Schools, Impact Aid, Indian Education, Adult Education, and other smaller education programs.

Technology-Related Assistance for Individuals with Disabilities Act of 1988 (Public Law 100–

407) provided financial assistance to states to develop and implement consumer-responsive statewide programs of technology-related assistance for persons of all ages with disabilities.

Stewart B. McKinney Homeless Assistance Amendments Act of 1988 (Public Law 100–628) extended for 2 additional years programs providing assistance to the homeless, including literacy training for homeless adults and education for homeless youths.

Tax Reform Technical Amendments (Public Law 100–647) authorized an Education Savings Bond for the purpose of postsecondary educational expenses. The bill grants tax exclusion for interest earned on regular series EE savings bonds.

1989 *Children with Disabilities Temporary Care Reauthorization Act of 1989* (Public Law 101–127) revised and extended the programs established in the Temporary Child Care for Handicapped Children and Crises Nurseries Act of 1986.

Drug-Free Schools and Communities Act Amendments of 1989 (Public Law 101–226) amended the Drug-Free Schools and Communities Act of 1986 to revise certain requirements relating to the provision of drug abuse education and prevention programs in elementary and secondary schools.

Childhood Education and Development Act of 1989 (Part of Public Law 101–239) authorized the appropriations to expand Head Start Programs and programs carried out under the Elementary and Secondary Education Act of 1965 to include child care services.

1990 *Excellence in Mathematics, Science and Engineering Education Act of 1990* (Public Law 101–589) promotes excellence in American mathematics, science, and engineering education by creating a national mathematics and science clearinghouse, and creating several other mathematics, science, and engineering education programs.

Student Right-To-Know and Campus Security Act (Public Law 101–542) requires institutions of higher education receiving federal financial assistance to provide certain information with respect to the graduation rates of student-athletes at such institutions. The act also requires the institution to certify that it has a campus security policy and will annually submit a uniform crime report to the Federal Bureau of Investigation (FBI).

Americans with Disabilities Act of 1990 (Public Law 101–336) prohibits discrimination against persons with disabilities.

National and Community Service Act of 1990 (Public Law 101–610) increased school and college-based community service opportunities and authorized the President's Points of Light Foundation.

School Dropout Prevention and Basic Skills Improvement Act of 1990 (Public Law 101–600) improves secondary school programs for basic skills improvements and dropout reduction.

Asbestos School Hazard Abatement Reauthorization Act of 1990 (Public Law 101–637) reauthorized the Asbestos School Hazard Abatement Act of 1984, which provided financial support to elementary and secondary schools to inspect for asbestos and to develop and implement an asbestos management plan.

Eisenhower Exchange Fellowship Act of 1990 (Public Law 101–454) provided a permanent endowment for the Eisenhower Exchange Fellowship Program.

Public Service Assistance Education Act (Enacted as part of Department of Defense Authorization Act, Public Law 101–510) gave federal agencies authority to provide new educational benefits to employees by paying for an employee to obtain an academic degree for which there is an agency shortage of qualified personnel, and by repaying up to \$6,000 per year of the student loan of a qualified employee in exchange for a 3-year commitment.

Omnibus Budget Reconciliation Act of 1990 (Public Law 101–508) included a set of student aid provisions that were estimated to yield a savings of \$2 billion over 5 years. These provisions included delayed Guaranteed Student Loan disbursements, tightened ability-to-benefit eligibility, and expanded pro rata refund policy and the elimination of student aid eligibility at high default schools.

1991 *National Literacy Act of 1991* (Public Law 102–73) established the National Institute for Literacy, the National Institute Board, and the Interagency Task Force on Literacy. Amended various federal laws to establish and extend various literacy programs.

National Defense Authorization Act for Fiscal Years 1992 and 1993 (Public Law 102–190)

authorized appropriations for education functions of the U.S. Department of Defense. Included Defense Manufacturing Education Program and planning for science, mathematics, and engineering education.

National Commission on Time and Learning Act (Public Law 102–62) established the National Education Commission on Time and Learning. Directed the Secretary of Education to: (1) make grants for research in the teaching of writing; and (2) carry out a program to educate students about the history and principles of the Constitution, including the Bill of Rights. Established the National Council on Education Standards and Testing.

High-Performance Computing Act of 1991 (Public Law 102–194) directed the President to implement a National High-Performance Computing Program. Provided for: (1) establishment of a National Research and Education Network; (2) standards and guidelines for high performance networks; and (3) the responsibility of certain federal departments and agencies with regard to the Network.

Veterans' Educational Assistance Amendments of 1991 (Public Law 102–127) restored certain educational benefits available to reserve and active-duty personnel under the Montgomery GI Bill to students whose course studies were interrupted by the Persian Gulf War.

Civil Rights Act of 1991 (Public Law 102–166) amended the Civil Rights Act of 1964, the Age Discrimination in Employment Act of 1967, and the Americans with Disabilities Act of 1990, with regard to employment discrimination. Established the Technical Assistance Training Institute.

1992 *Higher Education Amendments of 1992* (Public Law 102–325) amended the Higher Education Act of 1965 to revise and reauthorize funding for its various programs.

Ready-To-Learn Act (Public Law 102–545) amended the General Education Provisions Act to establish Ready-To-Learn Television programs to support educational programming and support materials for preschool and elementary school children and their parents, child care providers, and educators.

National Commission on Time and Learning, Extension (Public Law 102–359) amended the National Education Commission on Time and Learning Act to extend the authorization of appropriations for such Commission,

amended the Elementary and Secondary Education Act of 1965 to revise provisions for (1) a specified civic education program; and (2) schoolwide projects for educationally disadvantaged children, and provided for additional Assistant Secretaries of Education.

1993 *Student Loan Reform Act* (Public Law 103–66) reformed the student aid process by phasing in a system of direct lending designed to provide savings for taxpayers and students. Allows students to choose among a variety of repayment options, including income contingency.

National Service Trust Act (Public Law 103–82) amended the National and Community Service Act of 1990 to establish a Corporation for National Service and enhance opportunities for national service. In addition, the Act provided education grants up to \$4,725 per year for 2 years to people age 17 years or older who perform community service before, during, or after postsecondary education.

NAEP Assessment Authorization (Public Law 103–33) authorizes the use of NAEP for state-by-state comparisons.

Migrant Student Record Transfer System Extension (Public Law 103–59) extends the operation of the migrant student record transfer system.

1994 *Goals 2000: Educate America Act* (Public Law 103–227) established a new federal partnership through a system of grants to states and local communities to reform the nation's education system. The Act formalized the national education goals and established the National Education Goals Panel. It also created a National Education Standards and Improvement Council (NESIC) to provide voluntary national certification of state and local education standards and assessments and established the National Skill Standards Board to develop voluntary national skill standards.

School-To-Work Opportunities Act of 1994 (Public Law 103–239) established a national framework within which states and communities can develop School-To-Work Opportunities systems to prepare young people for first jobs and continuing education. The Act also provided money to states and communities to develop a system of programs that include work-based learning, school-based learning, and connecting activities components. School-To-Work programs will provide

students with a high school diploma (or its equivalent), a nationally recognized skill certificate, or an associate degree (if appropriate) and may lead to a first job or further education.

Safe Schools Act of 1994 (Part of Public Law 103–227) authorized the award of competitive grants to local educational agencies with serious crime to implement violence prevention activities such as conflict resolution and peer mediation.

Educational Research, Development, Dissemination, and Improvement Act of 1994 (Part of Public Law 103–227) authorized the educational research and dissemination activities of the Office of Educational Research and Improvement. The regional educational laboratories and university-based research and development centers are authorized under this act.

Student Loan Default Exemption Extension (Public Law 103–235) amended the Higher Education Act of 1965 to extend until July 1, 1998, the effective date for cohort default rate extension for Historically Black Colleges and Universities, tribally controlled community colleges, and Navajo community colleges.

Improving America's Schools Act (Public Law 103–382) reauthorized and revamps the Elementary and Secondary Education Act. The legislation includes Title I, the federal government's largest program providing educational assistance to disadvantaged children; professional development and technical assistance programs; a safe and drug-free schools and communities provision; and provisions promoting school equity.

1995 *Amendment to the Elementary and Secondary Education Act of 1965* (Public Law 104–5) amended a provision of Part A of Title IX of the Elementary and Secondary Education Act of 1965 relating to Indian education, to provide a technical amendment and for other purposes.

1996 *Contract With America: Unfunded Mandates* (Public Law 104–4) a bill to curb the practice of imposing unfunded federal mandates on states and local governments; to strengthen the partnership between the federal government and state, local, and tribal governments; to end the imposition, in the absence of full consideration by Congress, of federal mandates on state, local, and tribal governments without adequate funding, in a manner that

may displace other essential governmental priorities and to ensure that the federal government pays the costs incurred by those governments in complying with certain requirements under federal statutes and regulations; and for other purposes.

Developmental Disabilities Assistance and Bill of Rights Act Amendments of 1996 (Public Law 104–1834) amended the Developmental Disabilities Assistance and Bill of Rights Act to extend the act, and for other purposes.

Remove Grant Limits on Historically Black Colleges (Public Law 104–141) amended section 326 of the Higher Education Act of 1965 to permit continued participation by historically black graduate and professional schools in the grant program authorized by that section.

Correct Impact-Aid Payments (Public Law 104–195) amends the Impact Aid Program to provide for a hold-harmless with respect to amounts for payments relating to the federal acquisition of real property, and for other purposes.

Human Rights, Refugee, and Other Foreign Relations Provisions Act of 1996 (Public Law

104–319) made certain provisions with respect to internationally recognized human rights, refugees, and foreign relations to revise U.S. human rights policy.

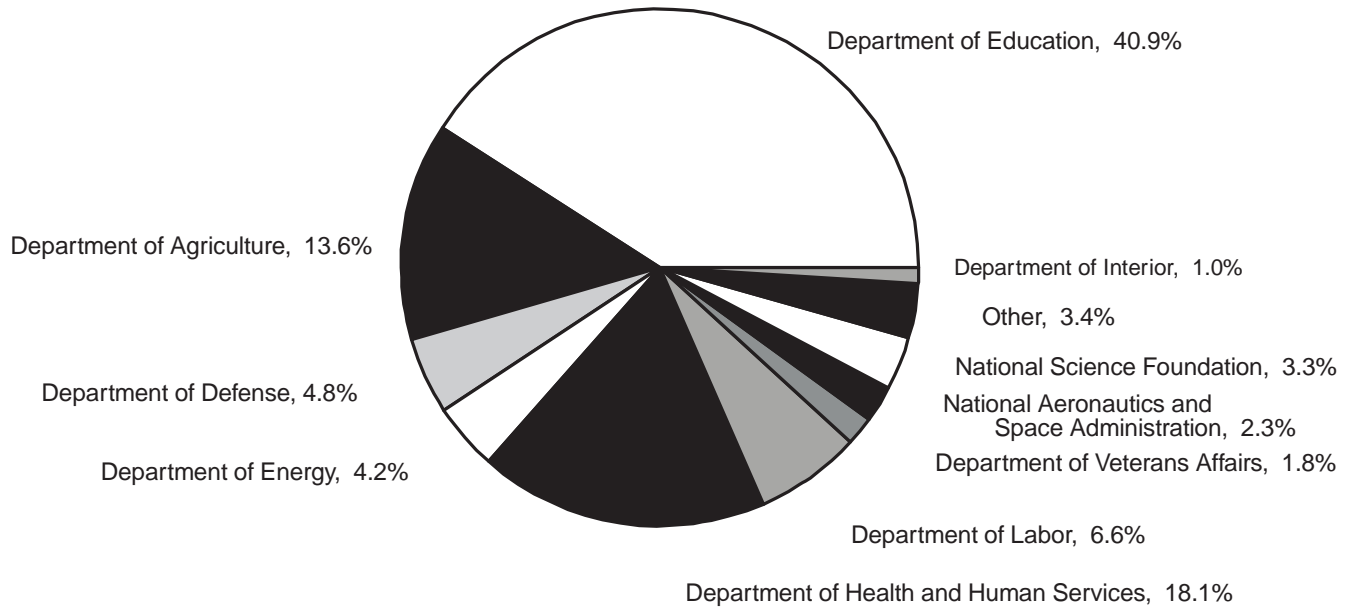
1997 *Need-Based Educational Aid Antitrust Protection Act of 1997* (Public Law 105-43) amends the Improving America's Schools Act of 1994 to clarify the financial information exchanged between institutions of higher education.

The Taxpayer Relief Act of 1997 (Public Law 105–34) enacted the Hope Scholarship and Life-Long Learning Tax Credit provisions into law.

Individuals with Disabilities Education Act Amendments of 1997 (Public Law 105–17) amends the Individuals with Disabilities Education Act (IDEA) to revise its provisions and extend through fiscal year 2002 the authorization of appropriations for IDEA programs.

Emergency Student Loan Consolidation Act of 1997 (Public Law 105–78) amends the Higher Education Act to provide for improved student loan consolidation services.

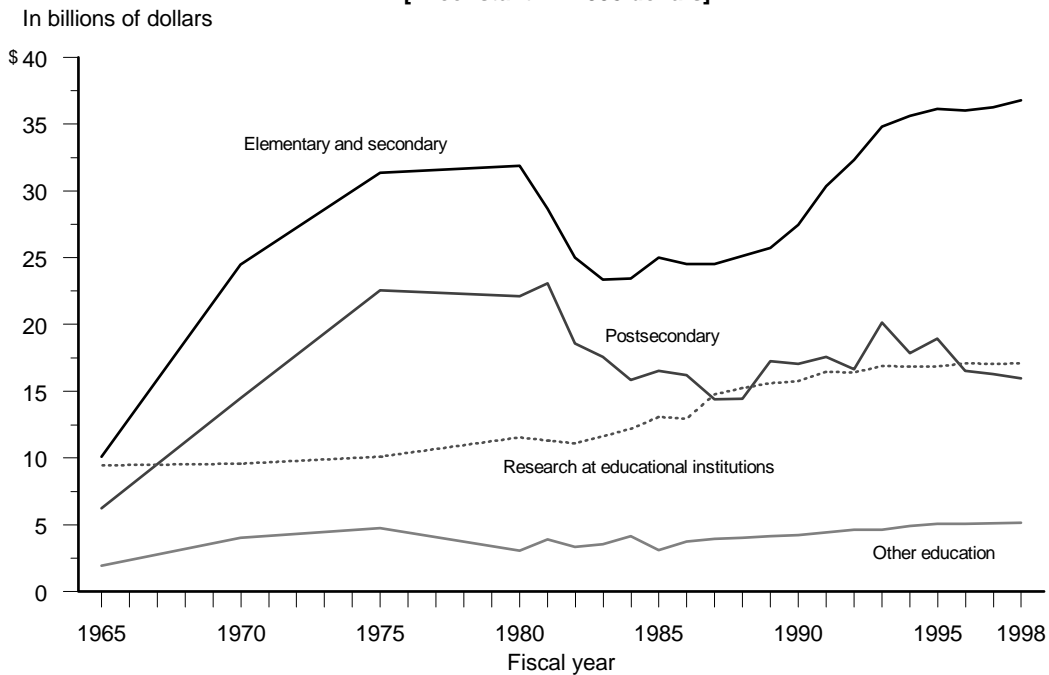
Figure 20.-Federal on-budget funds for education, by agency: Fiscal year 1998



Total = \$75.1 billion

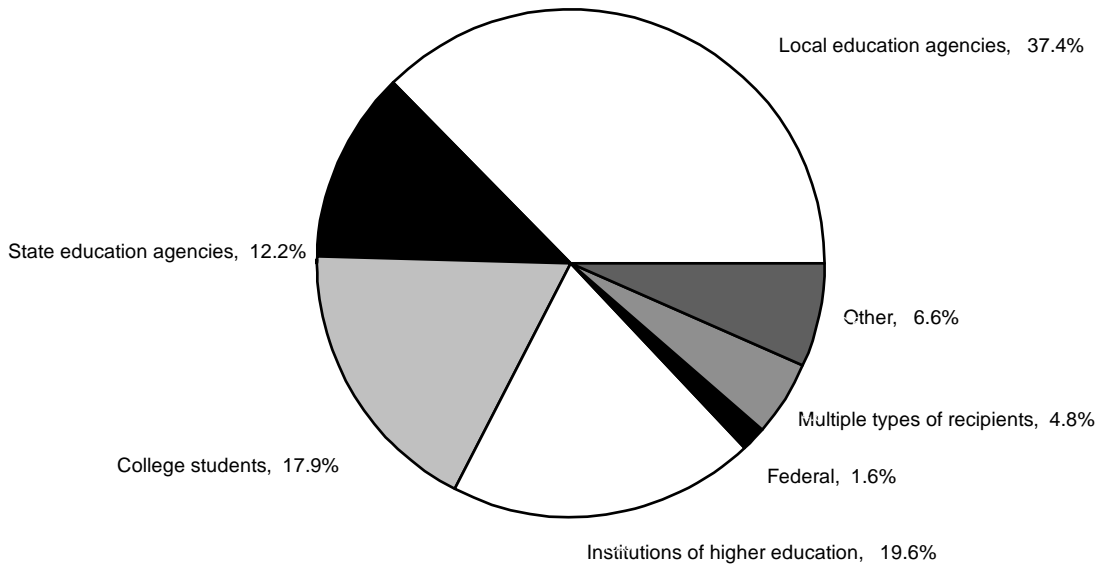
SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 1999*; and National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 1996, 1997, and 1998*.

Figure 21.-Federal on-budget funds for education, by level or other educational purpose: 1965 to 1998
 [In constant FY 1998 dollars]



SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1967 to 1999; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1967 to 1998; and unpublished data.

Figure 22.-Department of Education outlays, by type of recipient: Fiscal year 1998



Total outlays=\$30.7 billion

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 1999*; *Catalog of Federal Domestic Assistance*; National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 1996, 1997, and 1998*; and unpublished data obtained from various federal agencies.

Table 359.—Federal support and estimated federal tax expenditures for education, by category: Fiscal years 1965 to 1998

[In millions of dollars]

Fiscal year	Total on-budget support, off-budget support, and nonfederal funds generated by federal legislation	On-budget support ¹					Off-budget support and nonfederal funds generated by federal legislation								Estimated federal tax expenditures for education ⁹
		Total	Elementary and secondary	Post-secondary	Other education	Research at educational institutions	Total	Nonfederal funds							
								Off-budget support	Federal Direct Student Loan ²	Federal Family Education Loan Program ³	Perkins Loans ⁴	Income Contingent Loans ⁵	State Student Incentive Grants ⁶	Supplemental Educational Opportunity Grants ⁷	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Current dollars															
1965	\$5,354.7	\$5,331.0	\$1,942.6	\$1,197.5	\$374.7	\$1,816.3	\$23.7	—	—	\$16.1	—	—	—	—	\$7.6
1970	13,359.1	12,526.5	5,830.4	3,447.7	964.7	2,283.6	832.6	—	—	\$770.0	21.0	—	—	—	41.6
1975	24,691.5	23,288.1	10,617.2	6,644.0	1,608.5	3,418.4	1,403.4	—	—	1,233.0	35.7	—	\$20.0	—	\$8,605.0
1980	39,349.2	34,493.5	16,027.7	11,115.9	1,548.7	5,801.2	4,855.7	—	—	4,598.0	31.8	—	—	76.5	149.4
1981	44,296.7	36,621.3	15,903.7	12,260.0	2,182.2	6,275.5	7,675.4	—	—	7,433.0	20.7	—	—	76.5	145.2
1982	40,292.7	34,455.1	14,839.2	11,023.3	1,995.1	6,597.4	5,837.5	—	—	5,597.0	19.8	—	—	72.0	148.7
1983	41,709.4	34,883.9	14,527.8	10,918.1	2,204.1	7,233.8	6,825.5	—	—	6,582.0	19.8	—	—	60.0	163.7
1984	44,042.4	36,271.0	15,292.4	10,329.7	2,710.4	7,938.6	7,771.4	—	—	7,520.0	17.9	—	—	76.0	157.5
1985	47,753.4	39,027.9	16,901.3	11,174.4	2,107.6	8,844.6	8,725.5	—	—	8,467.0	21.4	—	—	76.0	161.1
1986	48,357.3	39,962.9	17,049.9	11,283.6	2,620.0	9,009.4	8,394.4	—	—	8,142.0	20.2	—	—	72.7	159.5
1987	50,724.6	41,194.7	17,535.7	10,300.0	2,820.4	10,538.6	9,529.8	—	—	9,272.0	20.9	\$0.6	—	76.0	160.4
1988	54,078.9	43,454.4	18,564.9	10,657.5	2,981.6	11,250.5	10,624.5	—	—	10,380.0	20.6	0.5	—	73.0	150.4
1989	59,537.4	48,269.6	19,809.5	13,269.9	3,180.3	12,009.8	11,267.8	—	—	10,938.0	20.4	0.5	—	71.9	215.0
1990	62,811.5	51,624.3	21,984.4	13,650.9	3,383.0	12,606.0	11,187.2	—	—	10,826.0	15.0	0.5	—	59.2	237.7
1991	70,375.6	57,599.5	25,418.0	14,707.4	3,698.6	13,775.4	12,776.1	—	—	12,372.0	17.3	0.5	—	63.5	235.0
1992	74,481.1	60,483.1	27,926.9	14,387.4	3,992.0	14,176.9	13,998.0	—	—	13,568.0	17.3	0.5	—	72.0	242.9
1993	84,741.5	67,740.6	30,834.3	17,844.0	4,107.2	14,955.1	17,000.8	—	—	16,524.0	29.3	—	—	72.4	184.6
1994	92,781.5	68,254.2	32,304.4	16,177.1	4,483.7	15,289.1	24,527.3	\$813.0	—	23,214.0	52.7	—	—	72.4	184.6
1995	95,810.8	71,639.5	33,623.8	17,618.1	4,719.7	15,677.9	24,171.2	—	—	18,519.0	52.7	—	—	63.4	184.6
1996	96,832.9	71,327.4	34,391.5	15,775.5	4,828.0	16,332.3	25,505.5	—	—	16,711.0	31.1	—	—	31.3	184.6
1997	102,664.8	73,136.8	35,478.9	15,959.4	5,021.2	16,677.3	29,528.0	—	—	19,163.0	52.7	—	—	50.0	184.6
1998 ¹⁰	107,242.3	75,077.5	36,818.8	15,990.0	5,171.4	17,097.3	32,164.8	—	11,204.0	20,461.0	45.0	—	—	25.0	235.5
Constant fiscal year 1998 dollars ¹¹															
1965	\$27,866.7	\$27,743.3	\$10,109.4	\$6,232.0	\$1,949.7	\$9,452.1	\$123.4	—	—	\$83.8	—	—	—	—	\$39.6
1970	56,163.4	52,663.2	24,512.0	14,494.6	4,055.8	9,600.7	3,500.3	—	—	\$3,237.2	88.2	—	—	—	174.9
1975	72,921.5	68,776.9	31,355.8	22,575.2	4,750.3	10,095.6	4,144.6	—	—	3,641.4	105.3	—	\$59.1	—	\$25,413.2
1980	78,292.5	68,631.2	31,890.1	22,117.1	3,081.5	11,542.6	9,661.3	—	—	9,148.6	63.2	—	—	152.2	26,502.6
1981	79,845.8	66,010.8	28,666.8	22,099.0	3,933.4	11,311.7	13,835.0	—	—	13,398.2	37.3	—	—	137.9	26,525.3
1982	67,911.4	58,072.5	25,010.8	18,579.3	3,362.7	11,119.6	9,838.9	—	—	9,433.5	33.4	—	—	121.4	27,270.6
1983	67,066.6	56,091.5	23,360.0	17,555.7	3,544.2	11,631.6	10,975.1	—	—	10,583.5	31.9	—	—	96.5	26,892.9
1984	67,569.8	55,647.0	23,461.6	15,847.7	4,158.3	12,179.3	11,922.9	—	—	11,537.2	27.5	—	—	116.6	26,219.5
1985	70,605.2	57,704.2	24,989.3	16,521.8	3,116.2	13,077.0	12,901.0	—	—	12,518.8	31.6	—	—	112.4	28,247.5
1986	69,535.0	57,464.4	24,516.8	16,225.2	3,767.4	12,954.9	12,070.7	—	—	11,707.7	29.1	—	—	104.5	29,370.0
1987	70,981.3	57,645.7	24,538.5	14,413.3	3,946.7	14,747.2	13,335.6	—	—	12,974.7	29.2	\$0.8	—	106.4	29,148.4
1988	73,257.2	58,864.9	25,148.6	14,437.1	4,038.9	15,240.3	14,392.3	—	—	14,061.1	28.0	0.6	—	98.9	203.7
1989	77,416.7	62,765.1	25,758.4	17,254.9	4,135.4	15,616.4	14,651.6	—	—	14,222.7	26.5	0.7	—	93.5	279.6
1990	78,533.1	64,545.8	27,487.0	17,067.7	4,229.8	15,761.3	13,987.3	—	—	13,535.7	18.8	0.6	—	74.0	297.2
1991	84,015.1	68,762.9	30,344.3	17,557.9	4,415.5	16,445.3	15,252.2	—	—	14,769.8	20.7	0.6	—	75.8	280.5
1992	86,204.5	70,003.1	32,322.6	16,652.0	4,620.3	16,408.3	16,201.3	—	—	15,703.6	20.1	0.6	—	83.3	281.2
1993	95,668.9	76,475.8	34,810.4	20,145.0	4,636.8	16,883.5	19,193.1	—	—	18,654.8	33.0	—	—	81.8	215.1
1994	102,320.4	75,271.5	35,625.6	17,840.2	4,944.7	16,861.0	27,048.9	\$896.6	—	25,600.7	58.1	—	—	79.9	203.6
1995	102,991.9	77,009.0	36,144.0	18,938.6	5,073.4	16,853.0	25,982.9	—	—	19,907.0	56.6	—	—	68.2	204.8
1996	101,406.4	74,696.2	36,015.9	16,520.6	5,056.1	17,103.7	26,710.2	—	—	17,500.3	32.6	—	—	32.8	193.3
1997	104,931.3	74,751.4	36,262.2	16,311.8	5,132.0	17,045.5	30,179.9	—	—	10,055.2	30.1	—	—	51.1	188.7
1998 ¹⁰	107,242.3	75,077.5	36,818.8	15,990.0	5,171.4	17,097.3	32,164.8	—	11,204.0	20,461.0	45.0	—	—	25.0	235.5

¹ On-budget support includes federal funds for education programs tied to appropriations.

² The Federal Direct Student Loan (FDSL) program, recently renamed the William D. Ford Direct Loan program, provides students with the same benefits they are currently eligible to receive under the Federal Family Education Loan (FFEL) program but provides loans to students through federal capital rather than through private lenders. This program is an off-budget support program.

³ Formerly the Guaranteed Student Loan program. New student loans guaranteed by the federal government and disbursed to borrowers.

⁴ Student loans created from institutional matching funds (1/3 of the federal contribution). Excludes repayments of outstanding loans.

⁵ Student loans created from institutional matching funds (1/9 of the federal contribution). This was a demonstration project that involved only 10 institutions and had unsubsidized interest rates.

⁶ Required state matching contributions.

⁷ Institutions award grants to undergraduate students, and the federal share of such grants may not exceed 75 percent of the total grant.

⁸ Employer contributions to student earnings.

⁹ 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.

¹⁰ Estimated.

¹¹ Data adjusted by the federal funds composite deflator prepared by the U.S. Office of Management and Budget. —Data not available or not applicable.

NOTE.—To the extent possible, federal education funds data represent outlays rather than obligations. Because of rounding, details may not add to totals. Some data have been revised from previously published figures.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government*, Appendix, fiscal years 1967 to 1999; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 1998; "Estimates of Federal Tax Expenditures for Education, Selected Fiscal Years, FY 1975 to FY 1990," by Stephen M. Barro; and "Federal Tax Expenditures, FY 1975 to FY 2001," by Richard Phelps, both prepared for the National Center for Education Statistics; and unpublished data obtained from various federal agencies. (This table was prepared July 1998.)

Table 360.—Federal on-budget funds for education, by agency: Fiscal years 1965 to 1998
 [In thousands of current dollars]

Agency	1965	1970	1975	1980	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
Total	\$5,331,016	\$12,526,499	\$23,288,120	\$34,493,502	\$34,883,900	\$36,271,011	\$39,027,876	\$39,962,901	\$41,194,718	\$43,454,423
Department of Education	1,000,567	4,625,224	7,350,355	13,137,785	14,585,825	15,534,737	16,701,065	17,740,051	16,879,827	18,326,916
Department of Agriculture	768,927	960,910	2,219,352	4,562,467	4,340,869	4,616,372	4,782,274	5,041,317	5,189,779	5,481,976
Department of Commerce	9,347	13,990	38,967	135,561	55,090	55,160	55,114	64,613	38,896	38,553
Department of Defense	587,412	821,388	1,009,229	1,560,301	2,487,597	2,625,146	3,119,213	3,354,588	3,695,617	3,461,345
Department of Energy	442,434	551,527	764,676	1,605,558	1,933,068	2,042,881	2,247,822	2,181,391	2,256,799	2,385,966
Department of Health and Human Services ..	1,027,537	1,796,854	3,675,225	5,613,930	4,968,658	4,902,016	5,322,356	5,316,853	6,104,812	6,505,428
Department of Housing and Urban Development	221,256	114,709	-52,768	5,314	2,158	2,000	438	342	463	51
Department of the Interior	170,088	190,975	300,191	440,547	484,314	576,779	549,479	454,273	485,922	528,409
Department of Justice	10,252	15,728	61,542	60,721	68,700	62,282	66,802	72,191	79,815	83,405
Department of Labor	230,041	424,494	1,103,935	1,862,738	1,833,392	1,755,839	1,948,685	1,976,960	2,258,631	2,272,228
Department of State	64,200	59,742	89,433	25,188	23,813	23,086	23,820	23,401	24,288	38,671
Department of Transportation	—	27,534	52,290	54,712	82,139	83,931	82,035	66,214	75,360	65,134
Department of the Treasury	8,240	18	1,118,840	1,247,463	287,300	287,905	290,276	41,257	19,279	32,768
Department of Veterans Affairs	97,237	1,032,918	4,402,212	2,351,233	1,672,348	1,445,049	1,289,849	1,055,948	1,002,109	966,549
Other agencies and programs										
ACTION	—	—	7,081	2,833	1,830	4,975	1,761	1,368	3,368	4,110
Agency for International Development	63,329	88,034	78,896	176,770	173,629	236,983	198,807	198,929	240,827	242,650
Appalachian Regional Commission	—	37,838	45,786	19,032	2,899	4,919	4,745	6,582	5,445	6,377
Barry Goldwater Scholarship and Excellence in Education Foundation	—	—	—	—	—	—	—	—	—	—
Corporation for National and Community Service	—	—	—	—	—	—	—	—	—	—
Environmental Protection Agency	—	19,446	33,875	41,083	43,557	43,700	60,521	69,718	67,465	58,053
Estimated education share of federal aid to the District of Columbia	11,350	33,019	55,487	81,847	97,516	97,385	107,340	101,844	126,942	122,366
Federal Emergency Management Agency	—	290	290	1,946	1,195	351	1,828	290	290	290
General Services Administration	4,013	14,775	22,532	34,800	44,200	50,894	—	—	—	—
Harry S Truman Scholarship fund	—	—	—	-1,895	1,795	1,929	1,332	2,441	2,717	2,815
Institute of American Indian and Alaskan Native Culture and Arts Development ...	—	—	—	—	—	—	—	—	—	—
Institute of Museum and Library Services	—	—	—	—	—	—	—	—	—	—
James Madison Memorial Fellowship Foundation	—	—	—	—	—	—	—	—	—	13,200
Japanese-United States Friendship Commission	—	—	—	2,294	2,364	1,611	2,236	235	3,225	2,274
Library of Congress	15,111	29,478	63,766	151,871	154,198	164,080	169,310	166,130	160,835	160,505
National Aeronautics and Space Administration	208,788	258,366	197,901	255,511	367,763	354,528	487,624	490,948	787,391	899,897
National Archives and Records Administration	—	—	—	—	—	—	52,118	55,252	59,521	65,153
National Commission on Libraries and Information Science	—	—	449	2,090	681	733	723	781	512	522
National Endowment for the Arts	—	340	4,754	5,220	4,701	5,197	5,536	5,188	5,394	5,550
National Endowment for the Humanities	—	8,459	63,955	142,586	123,315	127,571	125,671	121,125	124,407	125,230
National Science Foundation	181,216	295,628	535,294	808,392	907,917	1,035,746	1,147,115	1,147,273	1,270,415	1,329,520
Nuclear Regulatory Commission	—	—	7,093	32,590	37,987	36,400	30,261	27,472	29,176	25,676
Office of Economic Opportunity	189,871	1,092,410	16,619	—	—	—	—	—	—	—
Smithsonian Institution	2,233	2,461	5,509	5,153	6,073	5,758	7,886	6,191	6,545	5,393
United States Arms Control Agency	—	100	—	661	157	—	395	276	3,244	2,633
United States Information Agency	7,512	8,423	9,405	66,210	86,556	83,768	143,007	170,514	179,653	189,464
United States Institute of Peace	—	—	—	—	—	—	—	230	4,083	3,476
Other agencies	10,055	1,421	5,949	990	296	1,300	432	715	1,666	1,870

Table 360.—Federal on-budget funds for education, by agency: Fiscal years 1965 to 1998—Continued

[In thousands of current dollars]

Agency	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 ¹
1	12	13	14	15	16	17	18	19	20	21
Total	\$48,269,575	\$51,624,342	\$57,599,476	\$60,483,092	\$67,740,618	\$68,254,206	\$71,639,520	\$71,327,361	\$73,136,767	\$75,077,477
Department of Education	21,671,232	23,198,575	25,391,310	26,116,013	30,478,215	29,713,408	31,403,000	29,977,805	30,110,555	30,735,581
Department of Agriculture	5,793,616	6,260,843	6,875,216	7,586,729	8,067,050	8,494,772	9,092,089	9,281,044	9,793,122	10,179,474
Department of Commerce	47,586	53,835	67,204	80,510	74,354	85,423	88,929	88,667	82,671	75,198
Department of Defense	3,746,031	3,605,509	3,707,276	3,948,471	3,958,746	3,899,582	3,879,002	3,841,697	3,718,148	3,604,849
Department of Energy	2,563,978	2,561,950	2,738,862	2,917,137	2,787,423	2,671,660	2,692,314	3,035,169	3,150,530	3,170,735
Department of Health and Human Services ..	6,952,995	7,956,011	9,470,027	9,362,010	10,885,245	11,921,727	12,469,563	12,886,323	13,266,326	13,565,579
Department of Housing and Urban Development	186	118	48	203	401	856	1,613	1,771	1,325	1,398
Department of the Interior	542,466	630,537	844,830	715,382	723,448	696,649	702,796	665,251	774,715	754,914
Department of Justice	88,129	99,775	114,653	134,235	148,381	150,398	172,350	220,487	245,942	282,821
Department of Labor	2,277,556	2,511,380	3,214,695	3,709,531	4,241,590	4,015,434	3,967,914	4,089,862	4,432,267	4,990,139
Department of State	45,848	51,225	49,086	53,343	69,051	54,414	54,671	55,330	49,393	55,443
Department of Transportation	90,840	76,186	73,699	94,733	115,925	123,106	135,816	106,214	119,190	114,974
Department of the Treasury	39,511	41,715	60,356	51,779	56,912	63,301	49,496	59,145	51,085	75,496
Department of Veterans Affairs	896,435	757,476	783,789	1,047,579	1,145,108	1,381,925	1,324,382	1,420,731	1,396,746	1,374,221
Other agencies and programs										
ACTION	4,800	8,472	11,321	8,600	—	—	—	—	—	—
Agency for International Development	227,864	249,786	209,018	245,199	242,907	266,582	290,580	324,900	367,120	363,430
Appalachian Regional Commission	6,145	93	3,907	7,608	7,974	10,242	10,623	8,322	6,347	6,750
Barry Goldwater Scholarship and Excellence in Education Foundation	753	1,033	1,941	2,900	3,023	2,789	3,000	3,000	3,000	3,000
Corporation for National and Community Service	—	—	—	—	8,500	93,250	214,600	279,000	361,000	374,000
Environmental Protection Agency	64,517	87,481	62,753	152,012	124,500	98,241	125,721	75,744	82,220	90,360
Estimated education share of federal aid to the District of Columbia	103,764	104,940	125,835	130,371	139,755	97,752	78,796	70,427	97,146	109,900
Federal Emergency Management Agency	77	215	33	261	76,467	85,200	170,400	7,500	95,661	50,000
General Services Administration	—	—	—	—	—	—	—	—	—	—
Harry S Truman Scholarship fund	2,851	2,883	2,968	2,401	2,894	2,323	3,000	3,000	3,000	4,000
Institute of American Indian and Alaskan Native Culture and Arts Development ...	3,094	4,305	5,447	6,612	7,462	12,213	13,000	6,000	6,000	4,000
Institute of Museum and Library Services	—	—	—	—	—	—	—	—	135,000	192,000
James Madison Memorial Fellowship Foundation	10,005	191	531	885	1,298	1,464	2,000	2,000	2,000	2,000
Japanese-United States Friendship Commission	3,004	2,299	1,377	1,610	1,503	1,585	2,000	2,000	1,000	2,000
Library of Congress	177,954	189,827	279,745	296,044	311,453	312,724	241,000	252,000	261,000	277,000
National Aeronautics and Space Administration	978,778	1,093,303	1,275,970	1,383,422	1,374,042	1,418,765	1,757,900	1,760,492	1,658,142	1,705,086
National Archives and Records Administration	86,266	77,397	81,462	99,412	106,975	110,411	105,172	104,536	110,541	114,864
National Commission on Libraries and Information Science	839	3,281	3,447	1,437	867	724	1,000	1,000	1,000	1,000
National Endowment for the Arts	5,655	5,577	6,498	8,286	7,784	7,221	9,421	4,548	7,222	7,703
National Endowment for the Humanities	137,076	141,048	149,832	159,103	160,275	157,468	151,727	93,359	94,770	93,175
National Science Foundation	1,472,835	1,588,891	1,738,471	1,875,072	2,080,154	2,031,024	2,086,195	2,303,485	2,395,037	2,473,321
Nuclear Regulatory Commission	25,690	42,328	23,860	27,418	22,934	20,227	22,188	16,828	16,141	13,432
Office of Economic Opportunity	—	—	—	—	—	—	—	—	—	—
Smithsonian Institution	5,880	5,779	5,906	6,578	7,828	10,059	9,961	9,908	7,669	7,684
United States Arms Control Agency	1,619	25	69	100	25	—	—	—	—	—
United States Information Agency	185,521	201,547	208,181	237,226	288,059	230,493	294,800	257,400	219,800	187,000
United States Institute of Peace	7,232	7,621	8,238	11,350	10,468	10,794	12,000	11,000	11,000	12,000
Other agencies	947	885	1,616	1,532	1,622	—	500	1,418	2,935	2,950

¹ Estimated.

—Data not available or not applicable.

NOTE.—To the extent possible, amounts reported represent outlays, rather than obligations. Some data have been revised from previously published data. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government, Appendix*, fiscal years 1982 to 1999; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 1998; and unpublished data obtained from various federal agencies. (This table was prepared May 1998.)

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
Total, all programs	\$5,331,016	\$12,526,499	\$23,288,120	\$34,493,502	\$34,883,900	\$36,271,011	\$39,027,876	\$39,962,901	\$41,194,718	\$43,454,423
Elementary/secondary education programs	\$1,942,577	\$5,830,442	\$10,617,195	\$16,027,686	\$14,527,848	\$15,292,409	\$16,901,334	\$17,049,940	\$17,535,707	\$18,564,859
Department of Education ¹⁰	567,343	2,719,204	4,132,742	6,629,095	5,986,633	6,220,820	7,296,702	7,551,973	7,554,487	8,098,436
Grants for the disadvantaged	—	1,339,014	1,874,353	3,204,664	2,645,688	3,077,304	4,206,754	3,404,687	3,209,923	4,027,559
Impact aid program ¹¹	349,671	656,372	618,711	690,170	548,205	577,676	647,402	684,311	704,197	707,539
School improvement programs	72,298	288,304	700,470	788,918	552,590	631,537	526,401	618,850	889,478	443,468
Indian education	—	—	40,036	93,365	69,603	71,588	82,328	62,067	39,638	18,339
Bilingual education	—	21,250	92,693	169,540	163,268	167,400	157,539	119,601	141,483	159,746
Special education	13,849	79,090	151,244	821,777	1,289,710	952,778	1,017,964	1,627,894	1,339,241	1,465,985
Vocational and adult education	131,525	335,174	655,235	860,661	717,569	742,537	658,314	1,034,563	1,230,527	1,275,800
Education Reform - Goals 2000 ¹²	—	—	—	—	—	—	—	—	—	—
Department of Agriculture	623,014	760,477	1,884,345	4,064,497	3,727,171	3,992,808	4,134,906	4,428,143	4,562,093	4,806,766
Child nutrition programs ¹³	178,580	299,131	1,452,267	3,377,056	3,278,133	3,536,378	3,684,561	3,819,734	4,044,830	4,286,242
Agricultural Marketing Service—										
commodities ¹⁴	340,073	341,597	248,839	388,000	362,297	338,764	336,502	344,350	350,118	349,670
Special milk program ¹³	86,609	83,800	122,858	159,293	14,912	16,000	15,993	15,267	15,446	18,342
Estimated education share of Forest										
Service permanent appropriations ..	17,752	35,949	60,381	140,148	71,829	101,666	117,850	248,792	151,699	152,512
Department of Commerce	—	—	—	54,816	1,348	337	—	—	—	—
Local public works program—										
school facilities ¹⁵	—	—	—	54,816	1,348	337	—	—	—	—
Department of Defense	73,000	143,100	264,500	370,846	564,885	694,946	831,625	903,493	861,393	988,265
Junior R.O.T.C.	—	12,100	12,500	32,000	50,400	44,300	55,600	58,600	57,440	45,300
Overseas dependents schools	73,000	131,000	252,000	338,846	414,485	546,072	613,437	691,437	664,941	773,810
Section VI schools ¹¹	—	—	—	—	100,000	104,574	162,588	153,456	139,012	169,155
Department of Energy ¹⁶	100	200	300	77,633	40,798	22,469	23,031	21,385	12,061	12,931
Energy conservation for school										
buildings ¹⁷	—	—	—	77,240	40,634	22,269	22,731	21,000	11,761	12,611
Pre-engineering program	100	200	300	393	164	200	300	385	300	320
Department of Health and Human Services ¹⁸	79,999	167,333	683,885	1,077,000	1,265,000	1,472,750	1,531,059	1,455,315	1,555,542	1,651,324
Head Start ¹⁹	—	—	403,900	735,000	912,000	995,750	1,075,059	1,040,315	1,130,542	1,206,324
Payments to states for AFDC work										
programs ²⁰	—	—	—	—	—	—	—	—	—	—
Social Security student benefits ²¹	79,999	167,333	279,985	342,000	353,000	477,000	456,000	415,000	425,000	445,000
Department of the Interior	130,096	140,705	220,392	318,170	346,242	393,529	389,810	308,089	344,183	379,645
Mineral Leasing Act and other funds:										
Payments to states—estimated										
education share	11,075	12,294	27,389	62,636	123,670	170,645	127,369	98,606	87,437	92,227
Payments to counties—estimated										
education share	10,731	16,359	29,494	48,953	20,220	24,221	59,016	5,615	36,455	34,922
Indian Education:										
Bureau of Indian Affairs schools	92,603	95,850	141,056	178,112	176,878	173,141	177,265	181,235	195,994	231,512
Johnson-O'Malley assistance ²²	15,534	16,080	22,251	28,081	25,077	25,029	25,675	22,053	22,824	20,400
Education expenses for children										
of employees,										
Yellowstone National Park	153	122	202	388	397	493	485	580	1,473	584
Department of Justice	6,402	8,237	9,822	23,890	30,462	31,759	36,117	39,684	44,531	50,679
Vocational training expenses for										
prisoners in federal prisons ²³	1,466	2,720	3,039	4,966	8,230	7,377	8,292	8,744	8,744	8,679
Inmate programs ²⁴	4,936	5,517	6,783	18,924	22,232	24,382	27,825	30,940	35,787	42,000
Department of Labor	230,041	420,927	1,097,811	1,849,800	1,827,000	1,751,039	1,945,268	1,976,619	2,258,199	2,266,700
Job Corps ²⁵	—	—	175,000	469,800	563,000	595,772	604,748	632,619	678,599	712,218
Training programs—estimated funds for										
education programs ²⁶	230,041	420,927	922,811	1,380,000	1,264,000	1,155,267	1,340,520	1,344,000	1,579,600	1,554,482
Department of Transportation ²⁷	—	45	50	60	65	105	60	60	55	50
Tuition assistance for educational										
accreditation—										
Coast Guard personnel ²⁸	—	45	50	60	65	105	60	60	55	50
Department of the Treasury	32	—	847,139	935,903	273,728	273,278	273,728	25,085	—	—
Estimated education share of general										
revenue sharing: ²⁹										
State ³⁰	—	—	475,224	525,019	—	—	—	—	—	—
Local	—	—	371,915	410,884	273,728	273,278	273,728	25,085	—	—
Tuition assistance for educational										
accreditation—										
Coast Guard personnel ²⁸	32	—	—	—	—	—	—	—	—	—
Department of Veterans Affairs ³¹	41,250	338,910	1,371,500	545,786	378,663	351,940	344,758	251,782	235,297	196,159
Noncollegiate and job training										
programs ³²	14,550	281,640	1,249,410	439,993	244,060	227,991	224,035	137,805	119,702	76,367
Vocational rehabilitation for										
disabled veterans ³³	17,400	41,700	73,100	87,980	117,598	110,187	107,480	103,159	105,947	112,058
Dependents' education ³⁴	9,300	15,570	48,990	17,813	17,005	13,762	13,243	10,818	9,648	7,734
Service members occupational										
conversion and training										
act of 1992 ^{23,35}	—	—	—	—	—	—	—	—	—	—
Other agencies										
Appalachian Regional Commission ³⁶	—	33,161	41,667	9,157	2,801	4,589	4,632	4,632	5,323	5,327
National Endowment for the Arts ³⁷	—	—	3,686	4,989	4,069	4,378	4,399	4,060	4,099	4,350
Arts in education	—	—	3,686	4,989	4,069	4,378	4,399	4,060	4,099	4,350
National Endowment for the										
Humanities ³⁸	—	20	149	330	510	462	321	460	352	826

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1989	1990 ¹	1991 ²	1992 ³	1993 ⁴	1994 ⁵	1995 ⁶	1996 ⁷	1997 ⁸	1998 ⁹
1	12	13	14	15	16	17	18	19	20	21
Total, all programs	\$48,269,575	\$51,624,342	\$57,599,476	\$60,483,092	\$67,740,618	\$68,254,206	\$71,639,520	\$71,327,361	\$73,136,767	\$75,077,477
Elementary/secondary education programs	\$19,809,528	\$21,984,361	\$25,418,031	\$27,926,888	\$30,834,326	\$32,304,357	\$33,623,809	\$34,391,501	\$35,478,905	\$36,818,774
Department of Education ¹⁰	8,869,300	9,681,313	10,865,336	12,057,746	13,058,974	13,769,196	14,029,000	14,323,770	14,511,199	14,787,265
Grants for the disadvantaged	4,185,357	4,494,111	5,218,749	6,158,813	6,615,047	6,845,651	6,808,000	7,020,460	7,201,565	6,235,944
Impact aid program ¹¹	755,477	816,366	753,530	794,794	432,153	829,952	808,000	952,277	656,474	1,007,323
School improvement programs	975,237	1,189,158	1,375,910	1,514,892	2,032,552	1,469,964	1,397,000	1,247,360	1,276,599	1,391,141
Indian education	65,683	69,451	65,639	68,523	99,925	79,095	71,000	77,402	55,989	55,016
Bilingual education	164,759	188,919	186,748	198,332	124,778	221,681	225,000	184,529	181,257	279,504
Special education	1,880,751	1,616,623	2,174,358	2,243,338	2,564,070	2,980,328	3,177,000	3,222,180	3,305,477	3,812,384
Vocational and adult education	842,036	1,306,685	1,090,402	1,079,054	1,190,449	1,340,762	1,482,000	1,348,064	1,402,369	1,337,861
Education Reform - Goals 2000 ¹²	—	—	—	—	—	1,763	61,000	271,498	431,469	668,092
Department of Agriculture	5,104,502	5,528,950	6,074,735	6,714,082	7,154,483	7,604,447	8,201,294	8,408,072	8,830,229	9,320,189
Child nutrition programs ¹³	4,555,581	4,977,075	5,536,966	6,126,983	6,596,588	7,043,699	7,644,789	7,875,000	8,300,000	8,800,000
Agricultural Marketing Service—										
commodities ¹⁴	342,071	350,441	350,859	400,000	389,900	400,000	400,000	400,000	400,000	400,000
Special milk program ¹³	18,544	18,707	19,900	19,178	15,535	(12)	(12)	(12)	(12)	(12)
Estimated education share of Forest Service permanent appropriations ..	188,306	182,727	167,010	167,921	152,460	160,748	156,505	133,072	130,229	120,189
Department of Commerce	—	—	—	—	—	—	—	—	—	—
Local public works program—										
school facilities ¹⁵	—	—	—	—	—	—	—	—	—	—
Department of Defense	1,059,259	1,097,876	1,253,105	1,197,318	1,259,374	1,210,168	1,295,547	1,313,126	1,351,788	1,316,587
Junior R.O.T.C.	53,930	39,300	53,174	54,746	84,100	95,500	155,600	163,800	164,226	162,265
Overseas dependents schools	821,365	864,958	960,293	912,916	895,674	849,649	855,772	813,270	832,577	852,142
Section VI schools ¹¹	183,964	193,618	239,638	229,656	279,600	265,019	284,175	336,056	354,985	302,180
Department of Energy ¹⁶	12,851	15,563	15,676	15,236	6,254	11,615	12,646	—	—	—
Energy conservation for school										
buildings ¹⁷	12,442	15,213	14,206	12,586	5,054	10,535	10,746	—	—	—
Pre-engineering program	409	350	1,470	2,650	1,200	1,080	1,900	—	—	—
Department of Health and Human Services ¹⁸	1,789,026	2,396,793	2,997,194	3,310,200	4,114,498	4,669,181	5,116,559	5,185,871	5,110,233	5,195,442
Head Start ¹⁹	1,234,869	1,447,758	1,951,775	2,201,800	2,776,286	3,215,946	3,534,000	3,570,000	3,980,546	4,355,000
Payments to states for AFDC work										
programs ²⁰	85,511	459,221	545,700	594,184	736,474	838,981	953,000	931,000	453,000	160,000
Social Security student benefits ²¹	468,646	489,814	499,719	514,216	601,738	614,254	629,559	684,871	676,687	680,442
Department of the Interior	379,381	445,267	644,770	517,666	536,483	485,758	493,124	486,463	558,395	535,603
Mineral Leasing Act and other funds:										
Payments to states—estimated										
education share	114,414	123,811	131,683	122,045	108,924	21,693	18,750	17,940	28,000	18,000
Payments to counties—estimated										
education share	54,804	102,522	35,038	45,805	34,903	39,819	37,490	39,000	61,000	39,000
Indian Education:										
Bureau of Indian Affairs schools	186,643	192,841	452,521	325,582	368,817	399,234	411,524	408,889	450,218	460,387
Johnson-O'Malley assistance ²²	23,000	25,556	24,931	23,590	22,980	24,326	24,359	19,634	18,177	17,216
Education expenses for children										
of employees,										
Yellowstone National Park	520	538	597	644	859	686	1,000	1,000	1,000	1,000
Department of Justice	58,523	65,997	78,050	94,724	107,857	112,447	128,850	175,900	191,400	222,200
Vocational training expenses for										
prisoners in federal prisons ²³	6,933	2,066	1,748	1,944	1,725	1,240	3,000	-3,500	1,000	1,000
Inmate programs ²⁴	51,590	63,931	76,302	92,780	106,132	111,207	125,850	179,400	190,400	221,200
Department of Labor	2,271,966	2,505,487	3,209,147	3,708,362	4,240,990	4,011,184	3,957,800	4,084,000	4,432,000	4,990,000
Job Corps ²⁵	771,966	739,376	805,270	925,826	949,287	964,234	1,029,000	1,114,000	1,185,000	1,203,000
Training programs—estimated funds for										
education programs ²⁶	1,500,000	1,766,111	2,403,877	2,782,536	3,291,703	3,046,950	2,928,800	2,970,000	3,247,000	3,787,000
Department of Transportation ²⁷	40	46	31	60	60	60	62	40	40	40
Tuition assistance for educational										
accreditation—										
Coast Guard personnel ²⁸	40	46	31	60	60	60	62	40	40	40
Department of the Treasury	—	—	—	—	—	—	—	—	—	—
Estimated education share of general										
revenue sharing: ²⁹										
State ³⁰	—	—	—	—	—	—	—	—	—	—
Local	—	—	—	—	—	—	—	—	—	—
Tuition assistance for educational										
accreditation—										
Coast Guard personnel ²⁸	—	—	—	—	—	—	—	—	—	—
Department of Veterans Affairs ³¹	168,865	155,351	167,040	190,608	222,567	335,866	311,768	344,298	402,229	347,831
Noncollegiate and job training										
programs ³²	43,696	12,848	—	—	—	—	—	—	—	—
Vocational rehabilitation for										
disabled veterans ³³	118,749	136,780	161,096	184,500	216,276	265,597	298,132	349,637	386,000	338,000
Dependents' education ³⁴	6,420	5,723	5,944	6,108	5,840	5,740	5,961	4,493	5,236	5,331
Service members occupational										
conversion and training										
act of 1992 ^{23,35}	—	—	—	—	451	64,529	7,675	-9,832	10,993	4,500
Other agencies										
Appalachian Regional Commission ³⁶	5,145	93	3,790	5,182	5,382	2,529	2,173	2,862	1,700	1,900
National Endowment for the Arts ³⁷	4,462	4,641	4,870	5,000	5,000	5,000	7,117	4,030	4,382	5,398
Arts in education	4,462	4,641	4,870	5,000	5,000	5,000	7,117	4,030	4,382	5,398
National Endowment for the										
Humanities ³⁸	698	404	590	809	1,645	278	997	101	310	320

**Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued**
[In thousands of current dollars]

Level or educational purpose, by agency and program	1989	1990 ¹	1991 ²	1992 ³	1993 ⁴	1994 ⁵	1995 ⁶	1996 ⁷	1997 ⁸	1998 ⁹
1	12	13	14	15	16	17	18	19	20	21
Office of Economic Opportunity ³⁹	—	—	—	—	—	—	—	—	—	—
Head Start ⁴⁰	—	—	—	—	—	—	—	—	—	—
Other elementary and secondary programs ⁴¹	—	—	—	—	—	—	—	—	—	—
Job Corps ⁴²	—	—	—	—	—	—	—	—	—	—
Youth Corps and other training programs ⁴³	—	—	—	—	—	—	—	—	—	—
Volunteers in Service to America (VISTA) ⁴⁴	—	—	—	—	—	—	—	—	—	—
Other programs										
Estimated education share of federal aid to the District of Columbia	85,510	86,579	103,697	109,894	120,759	86,627	66,871	62,968	85,000	96,000
Postsecondary education programs	\$13,269,888	\$13,650,915	\$14,707,406	\$14,387,386	\$17,844,015	\$16,177,051	\$17,618,137	\$15,775,507	\$15,959,426	\$15,989,999
Department of Education ¹⁰	10,640,044	11,175,978	12,002,766	11,323,584	14,660,704	12,871,390	14,234,000	12,257,553	12,377,033	12,406,056
Student financial assistance ⁴⁵	5,859,774	5,920,328	6,333,839	7,071,440	7,678,293	7,118,034	7,047,000	6,861,599	7,247,288	8,352,775
Federal Direct Student Loan Program ⁴⁶	—	—	—	—	10,000	148,247	840,000	594,761	659,521	941,029
Federal Family Education Loan Program ⁴⁷	3,899,387	4,372,446	4,781,918	3,253,648	5,554,920	4,509,696	5,190,000	3,663,956	3,313,835	1,967,843
Higher education	606,849	659,492	615,372	718,406	1,041,583	796,278	871,000	846,517	876,944	855,672
Facilities—loans and insurance ²³	10,182	19,219	34,805	25,984	-2,976	-5,605	-6,000	8,837	787	-1,124
College housing loans ^{23,48}	-31,299	-57,167	-33,249	-39,907	-28,355	-18,434	-46,000	-34,815	-42,697	-32,028
Educational activities overseas ²³	374	82	-47	—	—	—	—	—	—	—
Historically Black Colleges and Universities Capital Financing, Program Account ⁴⁹	—	—	—	—	—	129	—	323	150	130
Gallaudet College and Howard University	258,519	230,327	233,209	263,497	353,390	280,945	292,000	273,904	278,373	279,881
National Technical Institute for the Deaf ⁵⁰	36,258	31,251	36,919	30,516	53,849	42,100	46,000	42,471	42,832	41,878
Department of Agriculture	27,799	31,273	32,302	34,238	32,730	25,472	33,373	32,872	32,639	32,639
Agriculture Extension Service, Second Morrill Act payments to agricultural and mechanical colleges and Tuskegee Institute ⁵¹	27,799	31,273	32,302	34,238	32,730	25,472	33,373	32,872	32,639	32,639
Department of Commerce	2,765	3,312	4,334	3,270	3,549	4,000	3,487	3,384	3,429	3,429
Sea Grant Program ⁵²	2,765	3,312	4,334	3,270	3,549	4,000	3,487	3,384	3,429	3,429
Merchant Marine Academy ⁵³	—	—	—	—	—	—	—	—	—	—
State marine schools ⁵³	—	—	—	—	—	—	—	—	—	—
Department of Defense ⁵⁴	746,464	635,769	665,059	680,194	696,800	679,000	729,500	864,900	913,554	923,462
Tuition assistance for military personnel	236,089	95,300	92,800	102,400	123,400	130,200	127,000	260,300	271,892	275,433
Service academies ⁵⁶	115,150	120,613	132,487	125,146	128,000	141,500	163,300	171,700	183,726	191,438
Senior R.O.T.C.	198,325	193,056	198,072	193,348	184,100	195,300	219,400	218,200	228,593	225,377
Professional development education ⁵⁷ ..	196,900	226,800	241,700	259,300	261,300	212,000	219,800	214,700	229,343	231,214
Department of Energy ¹⁶	15,062	25,502	30,851	34,373	17,654	17,951	28,027	—	—	—
University laboratory cooperative program	5,929	9,402	19,330	19,100	4,000	3,600	8,552	—	—	—
Teacher development projects ⁵⁸	—	—	—	—	—	—	—	—	—	—
Graduate traineeship programs ^{23,59}	—	—	—	—	—	—	—	—	—	—
Energy conservation for buildings—higher education ¹⁷	6,493	7,459	7,411	9,573	6,654	8,051	7,381	—	—	—
Minority honors vocational training ⁶⁰	720	—	—	—	—	—	—	—	—	—
Honors research program ⁶⁰	820	6,472	1,000	1,000	1,000	900	2,221	—	—	—
Students and teachers ⁶¹	1,100	2,169	3,110	4,700	6,000	5,400	9,873	—	—	—
Department of Health and Human Services ¹⁸	542,796	578,542	697,385	743,456	720,911	795,914	796,035	798,596	801,884	793,072
Health professions training programs ⁶²	223,811	230,600	271,937	305,829	299,785	305,549	298,302	273,519	313,672	291,079
Indian health manpower ⁶³	5,972	9,508	13,379	19,460	26,100	26,398	27,000	26,000	28,000	29,000
National Health Service Corps scholarships	6,531	4,759	48,795	58,706	33,323	79,250	78,206	28,847	30,000	30,000
National Institutes of Health training grants ⁶⁴	255,558	241,356	268,492	348,034	350,804	372,698	380,502	457,000	416,992	429,820
National Institute of Occupational Safety and Health training grants	10,095	10,461	10,472	10,972	10,472	11,622	11,660	12,898	12,923	12,948
Alcohol, drug abuse, and mental health training programs ⁶⁵	40,301	81,353	83,829	—	—	—	—	—	—	—
Health teaching facilities	528	505	481	455	427	397	365	332	297	225
Social Security postsecondary students' benefits ⁶⁶	—	—	—	—	—	—	—	—	—	—
Department of Housing and Urban Development ²³	—	—	—	—	—	—	—	—	—	—
College housing loans ^{23,48}	—	—	—	—	—	—	—	—	—	—
Department of the Interior	123,529	135,480	141,523	140,266	132,916	156,734	159,054	132,478	165,611	167,832
Shared revenues, Mineral Leasing Act and other receipts—estimated education share	64,669	69,980	74,430	68,982	61,566	79,815	82,810	59,020	89,310	86,190
Indian programs:										
Continuing education ⁶⁷	28,424	34,911	36,875	38,970	39,840	43,184	43,907	47,173	49,820	52,118
Higher education scholarships	30,436	30,589	30,218	32,315	31,510	33,735	32,337	26,285	26,481	29,524
Department of State	4,422	2,167	6,396	9,057	10,211	7,842	3,000	2,000	—	—
Educational exchange ⁶⁸	—	—	—	—	—	—	—	—	—	—
Mutual educational and cultural exchange activities	—	—	—	—	—	—	—	—	—	—
International educational exchange activities	—	—	—	—	—	—	—	—	—	—
Russian, Eurasian, and East European Research and Training ⁶⁹	4,422	2,167	6,396	9,057	10,211	7,842	3,000	2,000	—	—

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
Department of Transportation ²⁷	—	11,197	11,885	12,530	46,177	57,245	55,569	44,074	47,226	44,998
Merchant Marine Academy ⁵³	—	—	—	—	23,211	18,739	19,898	19,505	20,476	20,579
State marine schools ⁷⁰	—	—	—	—	9,383	23,733	19,777	8,363	12,073	7,961
Coast Guard Academy ²⁸	—	9,342	9,780	10,000	10,329	11,364	11,857	11,845	10,086	10,810
Postgraduate training for Coast Guard officers ⁷¹	—	1,655	1,855	2,230	2,891	2,959	3,499	3,807	3,978	5,084
Tuition assistance to Coast Guard military personnel ²⁸	—	200	250	300	363	450	538	554	613	564
Department of the Treasury	8,208	—	268,605	296,750	—	—	—	—	—	—
General revenue sharing—estimated state share to higher education ^{29,30}	—	—	268,605	296,750	—	—	—	—	—	—
Coast Guard Academy ²⁸	6,815	—	—	—	—	—	—	—	—	—
Postgraduate training for Coast Guard officers ⁷¹	1,293	—	—	—	—	—	—	—	—	—
Tuition assistance to Coast Guard military personnel ²⁸	100	—	—	—	—	—	—	—	—	—
Department of Veterans Affairs ³¹	55,650	693,490	3,029,600	1,803,847	1,292,885	1,092,609	944,091	803,166	764,561	768,090
Vietnam-era veterans ⁷²	33,950	638,260	2,840,600	1,579,974	1,077,391	861,310	694,217	514,476	411,967	345,242
College student support	—	—	—	1,560,081	1,052,859	839,135	679,953	504,290	403,527	337,568
Work-study	—	—	—	19,893	24,532	22,175	14,264	10,186	8,440	7,674
Service persons college support ⁷³	—	18,900	74,690	46,617	36,054	38,896	35,630	30,707	28,410	33,472
Post-Vietnam veterans ⁷⁴	—	—	—	922	24,871	52,241	82,554	121,929	171,752	203,262
All-volunteer-force educational assistance: ⁷⁵	—	—	—	—	—	—	196	24,171	45,688	73,731
Veterans ⁷⁶	—	—	—	—	—	—	—	2	107	8,386
Reservists ⁷⁷	—	—	—	—	—	—	196	24,169	45,581	65,345
Veteran dependents' education ⁷⁸	21,700	36,330	114,310	176,334	154,569	140,162	131,494	111,883	106,744	100,883
Payments to state education agencies ⁷⁹	—	—	—	—	—	—	—	—	—	11,500
Other agencies										
Appalachian Regional Commission ³⁶	—	4,105	2,545	1,751	—	—	—	1,950	30	1,050
National Endowment for the Humanities ³⁸	—	3,349	25,320	56,451	48,457	52,359	49,098	42,346	48,679	47,601
National Science Foundation	27,170	42,000	60,283	64,583	50,126	29,746	60,069	74,151	85,494	97,466
Science and engineering education programs	27,170	37,000	60,283	64,583	50,126	29,746	60,069	74,151	85,494	97,466
Sea Grant Program ⁵²	—	5,000	—	—	—	—	—	—	—	—
United States Information Agency ⁸⁰	7,512	8,423	9,405	51,095	69,298	64,394	124,041	148,483	162,897	166,705
Educational and cultural affairs ⁸⁸	—	—	—	49,546	68,041	17,414	21,079	23,008	24,313	29,724
Educational and cultural exchange programs ⁸¹	—	—	—	—	—	45,570	101,529	125,246	138,039	136,646
Educational exchange activities, international	—	—	—	1,549	1,257	1,410	1,433	229	545	335
Information center and library activities ⁸²	7,512	8,423	9,405	—	—	—	—	—	—	—
Other programs										
Barry Goldwater Scholarship and Excellence in Education Foundation ⁸³	—	—	—	—	—	—	—	—	—	—
Estimated education share of federal aid to the District of Columbia	1,895	5,513	10,564	13,143	16,523	17,513	15,266	14,351	17,310	14,566
Harry S Truman Scholarship fund ^{23,84} ..	—	—	—	-1,895	1,795	1,929	1,332	2,441	2,717	2,815
Institute of American Indian and Alaskan Native Culture and Arts Development ⁸⁵	—	—	—	—	—	—	—	—	—	—
James Madison Memorial Fellowship Foundation ⁸⁶	—	—	—	—	—	—	—	—	—	13,200
Other education programs	\$374,652	\$964,719	\$1,608,478	\$1,548,730	\$2,204,147	\$2,710,402	\$2,107,588	\$2,620,021	\$2,820,407	\$2,981,571
Department of Education ¹⁰	182,021	630,235	1,045,659	747,706	1,326,271	1,813,128	1,173,055	1,674,171	1,825,754	1,938,998
Administration	17,732	47,456	108,372	187,317	247,966	307,447	284,900	263,216	285,296	295,615
Libraries ⁸⁷	26,111	108,284	225,810	129,127	124,451	87,059	85,650	96,406	129,062	101,202
Rehabilitative services and disability research	137,313	473,091	709,483	426,886	948,650	1,414,396	798,298	1,311,485	1,405,357	1,536,905
American Printing House for the Blind ..	865	1,404	1,994	4,349	5,174	4,054	4,230	3,031	5,989	5,234
Trust funds and contributions ²³	—	—	—	27	30	172	-23	33	50	42
Department of Agriculture	87,551	135,637	220,395	271,112	322,430	327,123	336,375	322,599	330,866	342,523
Extension Service	85,924	131,734	215,523	263,584	312,413	317,099	325,986	311,132	322,095	330,164
National Agricultural Library	1,627	3,903	4,872	7,528	10,017	10,024	10,389	11,467	8,771	12,359
Department of Commerce	251	1,226	2,317	2,479	—	—	—	—	—	—
Maritime Administration:										
Training for private sector employees ⁵³	251	1,226	2,317	2,479	—	—	—	—	—	—
Department of Health and Human Services ¹⁸	3,953	24,273	31,653	37,819	44,899	48,876	47,195	59,306	59,770	62,060
National Library of Medicine	3,953	24,273	31,653	37,819	44,899	48,876	47,195	59,306	59,770	62,060
Department of Housing and Urban Development	512	—	—	—	—	—	—	—	—	—
Urban mass transportation—managerial training grants ⁸⁸	512	—	—	—	—	—	—	—	—	—
Department of Justice	3,850	5,546	42,818	27,642	31,082	23,723	25,517	27,412	26,293	26,361
F.B.I. National Academy	1,850	2,066	5,100	7,234	8,832	4,285	4,189	3,946	4,408	5,385
F.B.I. Field Police Academy	1,450	2,500	5,254	7,715	8,792	8,069	10,220	9,756	8,984	9,995
Narcotics and dangerous drug training ..	550	980	1,152	2,416	1,740	63	83	68	—	142
National Institute of Corrections ⁸⁹	—	—	31,312	10,277	11,718	11,306	11,025	13,642	12,901	10,839
Department of State	10,780	20,672	28,113	25,000	23,784	23,086	23,791	23,371	23,856	33,308
Foreign Service Institute	6,395	15,857	20,750	25,000	23,784	23,086	23,791	23,371	23,856	33,308
Center for Cultural and Technical Interchange ⁸⁶	4,385	4,815	7,363	—	—	—	—	—	—	—

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
Department of Transportation ²⁷	—	3,964	11,877	10,212	6,175	4,781	3,785	1,865	2,895	3,153
Highways training and education grants ⁹⁰	—	2,418	3,250	3,412	3,527	2,050	1,500	—	1,000	1,416
Maritime Administration:										
Training for private sector employees ⁵³	—	—	—	—	1,448	1,381	1,135	1,143	1,291	1,517
Urban mass transportation—managerial training grants ⁸⁸	—	1,546	2,627	500	1,200	1,350	1,150	722	604	220
Federal Aviation Administration ⁹¹										
Air traffic controllers second career program ⁹²	—	—	6,000	6,300	—	—	—	—	—	—
Department of the Treasury	—	18	3,096	14,584	13,334	14,327	16,160	15,982	19,110	32,768
Federal Law Enforcement Training Center ⁹³	—	18	3,096	14,584	13,334	14,327	16,160	15,982	19,110	32,768
Other agencies										
ACTION ⁹⁴	—	—	7,045	2,833	1,830	4,975	1,761	1,368	3,368	4,110
Estimated education funds ⁹⁵	—	—	7,045	2,833	1,830	4,975	1,761	1,368	3,368	4,110
Agency for International Development ...	63,329	88,034	78,896	99,707	130,257	127,383	141,847	154,627	186,175	193,115
Education and human resources ...	53,968	61,570	58,349	80,518	109,624	101,408	115,104	126,132	152,332	160,051
American schools and hospitals abroad	9,361	26,464	20,547	19,189	20,633	25,975	26,743	28,495	33,843	33,064
Appalachian Regional Commission ⁹⁵ ...	—	572	1,574	8,124	98	330	113	—	92	—
Corporation for National and Community Service ⁹⁴	—	—	—	—	—	—	—	—	—	—
Estimated education funds ⁹⁵	—	—	—	—	—	—	—	—	—	—
Federal Emergency Management Agency ⁹⁶	—	290	290	281	390	351	405	290	290	290
Estimated architect/engineer student development program ⁹⁷	—	40	40	31	90	71	155	40	40	40
Estimated other training programs ⁹⁸	—	250	250	250	300	280	250	250	250	250
Estimated disaster relief ⁹⁹	—	—	—	—	—	—	—	—	—	—
General Services Administration ¹⁰⁰										
Libraries and other archival activities	4,013	14,775	22,532	34,800	44,200	50,894	—	—	—	—
Institute of Museum and Library Services ⁹⁷	—	—	—	—	—	—	—	—	—	—
Japanese-United States Friendship Commission ¹⁰¹	—	—	—	2,294	2,364	1,611	2,236	235	3,225	2,274
Library of Congress	15,111	29,478	63,766	151,871	154,198	164,080	169,310	166,130	160,835	160,505
Salaries and expenses	11,421	20,700	48,798	102,364	122,823	127,935	130,354	126,747	124,878	122,356
Books for the blind and the physically handicapped	2,317	6,195	11,908	31,436	26,116	30,739	32,954	35,460	33,813	36,245
Special foreign currency program ...	1,187	2,273	2,333	3,492	3,578	3,745	4,621	2,372	809	405
Furniture and furnishings	186	310	727	14,579	1,681	1,661	1,381	1,551	1,335	1,499
National Aeronautics and Space Administration										
Aerospace education services project	100	350	600	882	1,323	1,628	1,800	1,900	2,250	2,400
National Archives and Records Administration ¹⁰²										
Libraries and other archival activities	—	—	—	—	—	—	52,118	55,252	59,521	65,153
National Commission on Libraries and Information Science ¹⁰³	—	—	449	2,090	681	733	723	781	512	522
National Endowment for the Arts ³⁷	—	340	1,068	231	632	819	1,137	1,128	1,295	1,200
National Endowment for the Humanities ³⁸	—	5,090	38,486	85,805	74,348	74,750	76,252	78,319	75,376	76,803
Smithsonian Institution	2,233	2,461	5,509	5,153	6,073	5,758	7,886	6,191	6,545	5,393
Museum programs and related research	2,133	2,261	4,203	3,254	3,365	2,642	4,665	2,341	2,506	1,223
National Gallery of Art extension service	100	200	300	426	617	692	675	662	731	656
Woodrow Wilson International Center for Scholars	—	—	1,006	1,473	2,091	2,424	2,546	3,188	3,308	3,514
U.S. Information Agency—Center for Cultural and Technical Interchange ⁶⁸	—	—	—	15,115	17,258	19,374	18,966	20,531	16,756	22,759
U.S. Institute of Peace ¹⁰⁴	—	—	—	—	—	—	—	230	4,083	3,476
Other programs:										
Estimated education share of federal aid for the District of Columbia	948	1,758	2,335	2,990	2,520	2,672	7,156	8,333	11,540	4,400
Research programs at universities and related institutions¹⁰⁵	\$1,816,276	\$2,283,641	\$3,418,410	\$5,801,204	\$7,233,806	\$7,938,550	\$8,844,575	\$9,009,351	\$10,538,606	\$11,250,464
Department of Education ¹⁰⁶	13,248	87,823	82,770	78,742	59,580	159,550	28,809	68,983	60,912	42,379
Department of Agriculture	58,362	64,796	108,162	216,405	275,027	279,200	293,252	279,698	279,943	304,888
Department of Commerce	4,015	4,487	21,677	48,295	51,460	52,600	52,951	62,406	36,835	36,133
Department of Defense	436,912	356,188	364,929	644,455	1,112,212	1,072,500	1,245,888	1,382,795	1,754,456	1,899,680
Department of Energy	439,334	548,327	761,376	1,470,224	1,861,112	2,001,400	2,205,316	2,141,955	2,225,513	2,350,426
Department of Health and Human Services	474,362	623,765	1,273,037	2,087,053	2,448,899	2,750,700	3,228,014	3,309,708	3,983,407	4,282,117
Department of Housing and Urban Development	—	510	2,650	5,314	2,158	2,000	438	342	463	51
Department of the Interior	9,839	18,521	28,955	42,175	28,616	36,500	34,422	36,440	33,353	35,103
Department of Justice	—	1,945	8,902	9,189	7,156	6,800	5,168	5,095	8,991	6,365
Department of Labor	—	3,567	6,124	12,938	6,392	4,800	3,417	341	432	5,528
Department of State	—	8,220	10,973	188	29	—	29	30	432	1,243
Department of Transportation	—	12,328	28,478	31,910	29,722	21,800	22,621	20,215	25,184	16,933
Department of the Treasury	—	—	—	226	238	300	388	190	169	—
Department of Veterans Affairs	337	518	1,112	1,600	800	500	1,000	1,000	2,251	2,300

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1989	1990 ¹	1991 ²	1992 ³	1993 ⁴	1994 ⁵	1995 ⁶	1996 ⁷	1997 ⁸	1998 ⁹
1	12	13	14	15	16	17	18	19	20	21
Department of Transportation ²⁷	4,415	1,507	2,022	2,419	500	500	650	700	750	725
Highways training and education grants ⁹⁰	1,416	—	1,371	1,945	—	—	—	—	—	—
Maritime Administration:										
Training for private sector employees ⁵³	1,499	1,507	651	474	500	500	650	700	750	725
Urban mass transportation—managerial training grants ⁸⁸	1,500	—	—	—	—	—	—	—	—	—
Federal Aviation Administration ⁹¹										
Air traffic controllers second career program ⁹²	—	—	—	—	—	—	—	—	—	—
Department of the Treasury	39,100	41,488	60,127	51,694	56,779	61,992	48,000	59,000	51,000	73,000
Federal Law Enforcement Training Center ⁹³	39,100	41,488	60,127	51,694	56,779	61,992	48,000	59,000	51,000	73,000
Other agencies										
ACTION ⁹⁴	4,800	8,472	11,321	8,600	—	—	—	—	—	—
Estimated education funds ⁹⁵	4,800	8,472	11,321	8,600	—	—	—	—	—	—
Agency for International Development ...	182,839	170,371	154,021	212,220	215,248	241,948	260,408	307,000	355,600	347,700
Education and human resources ...	146,915	142,801	122,231	195,570	190,020	221,988	248,408	302,000	348,600	344,700
American schools and hospitals abroad	35,924	27,570	31,790	16,650	25,228	19,960	12,000	5,000	7,000	3,000
Appalachian Regional Commission ⁹⁵ ...	175	—	25	938	1,005	4,299	5,709	2,756	1,666	1,750
Corporation for National and Community Service ⁹⁴	—	—	—	—	8,500	93,250	214,600	279,000	361,000	374,000
Estimated education funds ⁹⁵	—	—	—	—	8,500	93,250	214,600	279,000	361,000	374,000
Federal Emergency Management Agency ⁹⁶	77	215	33	261	76,467	85,200	170,400	7,500	95,661	50,000
Estimated architect/engineer student development program ⁹⁷	50	200	28	250	375	—	—	—	—	—
Estimated other training programs ⁹⁸	27	15	5	11	92	—	—	—	—	—
Estimated disaster relief ⁹⁹	—	—	—	—	76,000	85,200	170,400	7,500	95,661	50,000
General Services Administration ¹⁰⁰										
Libraries and other archival activities	—	—	—	—	—	—	—	—	—	—
Institute of Museum and Library Services ⁹⁷	—	—	—	—	—	—	—	—	135,000	192,000
Japanese-United States Friendship Commission ¹⁰¹	3,004	2,299	1,377	1,610	1,503	1,585	2,000	2,000	1,000	2,000
Library of Congress	177,954	189,827	279,745	296,044	311,453	312,724	241,000	252,000	261,000	277,000
Salaries and expenses	137,637	148,985	239,429	252,623	260,918	261,814	198,000	201,000	208,000	223,000
Books for the blind and the physically handicapped	38,233	37,473	36,878	38,688	45,261	46,600	39,000	47,000	46,000	47,000
Special foreign currency program ...	99	10	10	10	30	—	—	—	—	—
Furniture and furnishings	1,985	3,359	3,428	4,723	5,244	4,310	4,000	4,000	7,000	7,000
National Aeronautics and Space Administration										
Aerospace education services project	2,300	3,300	5,900	6,100	6,500	6,100	5,923	5,927	5,926	6,119
National Archives and Records Administration ¹⁰²										
Libraries and other archival activities	86,266	77,397	81,462	99,412	106,975	110,411	105,172	104,536	110,541	114,864
National Commission on Libraries and Information Science ¹⁰³	839	3,281	3,447	1,437	867	724	1,000	1,000	1,000	1,000
National Endowment for the Arts ³⁷	1,193	936	1,628	3,286	2,784	2,221	2,304	518	2,840	2,306
National Endowment for the Humanities ³⁸	84,929	89,706	93,381	99,782	100,826	98,786	94,249	62,362	68,667	72,350
Smithsonian Institution	5,880	5,779	5,906	6,578	7,828	10,059	9,961	9,908	7,669	7,684
Museum programs and related research	870	690	440	93	1,165	3,060	3,190	3,180	1,000	1,000
National Gallery of Art extension service	650	474	641	793	763	816	771	728	669	684
Woodrow Wilson International Center for Scholars	4,360	4,615	4,825	5,692	5,900	6,183	6,000	6,000	6,000	6,000
U.S. Information Agency—Center for Cultural and Technical Interchange ⁶⁸	20,714	20,375	22,276	29,550	31,991	30,064	34,000	18,000	15,000	15,000
U.S. Institute of Peace ¹⁰⁴	7,232	7,621	8,238	11,350	10,468	10,794	12,000	11,000	11,000	12,000
Other programs:										
Estimated education share of federal aid for the District of Columbia	4,047	3,724	4,661	4,095	4,749	2,229	2,457	964	446	1,100
Research programs at universities and related institutions¹⁰⁵	\$12,009,825	\$12,606,035	\$13,775,422	\$14,176,863	\$14,955,083	\$15,289,094	\$15,677,919	\$16,332,315	\$16,677,273	\$17,097,344
Department of Education ¹⁰⁶	90,314	89,483	103,931	154,800	232,165	276,838	279,000	310,895	339,994	580,484
Department of Agriculture	314,294	348,109	385,836	437,967	436,187	438,537	434,544	427,222	516,620	417,909
Department of Commerce	44,821	50,523	62,870	77,240	70,805	81,423	85,442	85,283	79,242	71,769
Department of Defense	1,940,308	1,871,864	1,789,112	2,070,959	2,002,572	2,010,414	1,853,955	1,663,671	1,452,806	1,364,800
Department of Energy	2,536,065	2,520,885	2,692,335	2,867,528	2,763,515	2,642,094	2,651,641	3,035,169	3,150,530	3,170,735
Department of Health and Human Services	4,549,261	4,902,714	5,686,354	5,210,711	5,952,976	6,348,736	6,418,969	6,784,856	7,210,209	7,422,065
Department of Housing and Urban Development	186	118	48	203	401	856	1,613	1,771	1,325	1,398
Department of the Interior	39,556	49,790	58,537	57,449	54,049	54,157	50,618	46,310	50,709	51,479
Department of Justice	5,700	6,858	6,060	4,986	3,496	3,886	7,204	9,515	8,487	20,800
Department of Labor	5,590	5,893	5,548	1,169	600	4,250	10,114	5,862	267	139
Department of State	1,269	1,519	900	200	—	15	23	—	15	15
Department of Transportation	22,826	28,608	21,187	35,015	57,789	62,606	75,847	51,956	60,063	54,881
Department of the Treasury	411	227	229	85	133	1,309	1,496	145	85	2,496
Department of Veterans Affairs	2,300	2,300	2,300	2,491	2,550	2,350	2,500	1,720	1,852	1,614

**Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program:
Fiscal years 1965 to 1998—Continued**

[In thousands of current dollars]

Level or educational purpose, by agency and program	1965	1970	1975	1980	1983	1984	1985	1986	1987	1988
1	2	3	4	5	6	7	8	9	10	11
ACTION	—	—	36	—	—	—	—	—	—	—
Agency for International Development ...	—	—	—	77,063	43,372	109,600	56,960	44,302	54,652	49,535
Corporation for National and Community Service	—	—	—	—	—	—	—	—	—	—
Environmental Protection Agency	—	19,446	33,875	41,083	43,557	43,700	60,521	69,718	67,465	58,053
Federal Emergency Management Agency	—	—	—	1,665	805	—	1,423	—	—	—
National Aeronautics and Space Administration	208,688	258,016	197,301	254,629	366,440	352,900	485,824	489,048	785,141	897,497
National Science Foundation	154,046	253,628	475,011	743,809	857,791	1,006,000	1,087,046	1,073,122	1,184,921	1,232,054
Nuclear Regulatory Commission	—	—	7,093	32,590	37,987	36,400	30,261	27,472	29,176	25,676
Office of Economic Opportunity	7,078	20,035	—	—	—	—	—	—	—	—
U.S. Arms Control and Disarmament Agency	—	100	—	661	157	—	395	276	3,244	2,633
U.S. Information Agency	—	—	—	—	—	—	—	1,500	—	—
Other agencies	10,055	1,421	5,949	990	296	1,300	432	715	1,666	1,870

Footnotes

¹ Excludes \$4,440,000,000 for federal support for medical education benefits under Medicare in the U.S. Department of Health and Human Services. Is not included in the total because data before fiscal year 1990 are not available. This program has existed since Medicare began, but was not available as a separate budget item until FY 90.

² Excludes \$4,900,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

³ Excludes \$5,350,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁴ Excludes \$5,710,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁵ Excludes \$6,150,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁶ Excludes \$7,510,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁷ Excludes \$8,010,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁸ Excludes \$8,700,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

⁹ Estimated. Excludes \$9,460,000,000 for federal support for medical education benefits under Medicare. See footnote 1.

¹⁰ The U.S. Department of Education was created in May 1980. It formerly was the Office of Education in the U.S. Department of Health, Education, and Welfare.

¹¹ Section VI was funded by the U.S. Department of Education in FYs 65–81 in the Impact Aid program. This program provides for the education of dependents of federal employees residing on federal property in cases where free public education is unavailable in the nearby community.

¹² This program creates a national framework for education reform and meeting the National Education Goals. This program includes the School-To-Work Opportunities program which will initiate a national system to be administered jointly by the U.S. Departments of Education and Labor. Both departments are to establish a national framework within which all states can create state-wide systems to help youth acquire the knowledge, skills, abilities, and labor market information they need to make an effective transition from school to work or to further their education or training.

¹³ Starting in FY 94, the Special Milk program was included in the Child Nutrition program.

¹⁴ These commodities are purchased under Section 32 of the Act of August 24, 1935, for use in the child nutrition programs.

¹⁵ This program assisted in the construction of public facilities, such as vocational schools, through grants or loans. No funds have been appropriated for this account since FY 77, and it was completely phased out in FY 84.

¹⁶ The U.S. Department of Energy was created in 1977. It formerly was the Energy Research and Development Administration and before that the Atomic Energy Commission. No funds were designated for any of the education programs listed on this table in FYs 96 and 97.

¹⁷ This program was established in 1979. Funds were first appropriated for this program in FY 80.

¹⁸ The U.S. Department of Health and Human Services was part of the U.S. Department of Health, Education, and Welfare until May 1980.

¹⁹ The Head Start program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Health, Education, and Welfare, Office of Child Development, beginning in 1972.

²⁰ This program was created by the Family Support Act of 1988. It provides funds for the Job Opportunities and Basic Skills Training program.

²¹ After age 18, benefits terminate at the end of the school term or in 3 months, whichever is less.

Table 361.—Federal on-budget funds for education, by level or other educational purpose, by agency and program: Fiscal years 1965 to 1998—Continued
 [In thousands of current dollars]

Level or educational purpose, by agency and program	1989	1990 ¹	1991 ²	1992 ³	1993 ⁴	1994 ⁵	1995 ⁶	1996 ⁷	1997 ⁸	1998 ⁹
1	12	13	14	15	16	17	18	19	20	21
ACTION	—	—	—	—	—	—	—	—	—	—
Agency for International Development ...	45,025	79,415	54,997	32,979	27,659	24,634	30,172	17,900	11,520	15,730
Corporation for National and Community Service	—	—	—	—	—	—	—	—	—	—
Environmental Protection Agency	64,517	87,481	62,753	152,012	124,500	98,241	125,721	75,744	82,220	90,360
Federal Emergency Management Agency	—	—	—	—	—	—	—	—	—	—
National Aeronautics and Space Administration	976,478	1,090,003	1,270,070	1,377,322	1,367,542	1,412,665	1,751,977	1,754,565	1,652,216	1,698,967
National Science Foundation	1,342,648	1,427,007	1,546,810	1,664,697	1,833,563	1,805,856	1,874,395	2,041,485	2,040,037	2,115,321
Nuclear Regulatory Commission	25,690	42,328	23,860	27,418	22,934	20,227	22,188	16,828	16,141	13,432
Office of Economic Opportunity	—	—	—	—	—	—	—	—	—	—
U.S. Arms Control and Disarmament Agency	1,619	25	69	100	25	—	—	—	—	—
U.S. Information Agency	—	—	—	—	—	—	—	—	—	—
Other agencies	947	885	1,616	1,532	1,622	—	500	1,418	2,935	2,950

Footnotes—Continued

²² This program provides funding for supplemental programs for eligible Indian students in public schools.

²³ Negative amounts occur when program receipts exceed outlays.

²⁴ This program finances the cost of academic, social, and occupational education courses for inmates in federal prisons.

²⁵ The Job Corps program was formerly in the Office of Economic Opportunity, and funds were appropriated to the U.S. Department of Labor beginning in 1971 and 1972.

²⁶ Some of the work and training programs included in this program were in the Office of Economic Opportunity and were transferred to the U.S. Department of Labor in 1971 and 1972. Beginning in FY 94, the School-to-Work Opportunities program is included. This program is administered jointly by the U.S. Departments of Education and Labor.

²⁷ The U.S. Department of Transportation was created in 1967.

²⁸ This program was transferred from the U.S. Department of the Treasury to the U.S. Department of Transportation in 1967.

²⁹ This program was established in FY 72 and closed in FY 86.

³⁰ The states' share of revenue-sharing funds could not be spent on education in FYs 81–86.

³¹ The U.S. Department of Veterans Affairs, formerly the Veterans Administration, was created in March 1989.

³² This program provides educational assistance allowances in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977. Includes "Readjustment Benefits," Chapter 34, for education other than college and also includes the Veterans Job Training program for service persons and veterans. The Chapter 34 program closed December 31, 1989. The Veterans Job Training Program was put in the program Payments to State Education Agencies. Veterans who were still eligible to receive benefits under Chapter 34 were covered by Chapter 30 (The All-Volunteer-Force Educational Assistance program).

³³ This program is in "Readjustment Benefits" program, Chapter 31, and covers the costs of subsistence, tuition, books, supplies, and equipment for disabled veterans requiring vocational rehabilitation.

³⁴ This program is in the "Readjustment Benefits" program, Chapter 35, and provides benefits to children and spouses of veterans.

³⁵ The purpose of this program is to provide stable and permanent employment to those men and women who have served on active duty on or after August 2, 1990, and are unemployed.

³⁶ This agency was established March 9, 1965. Its first year of appropriations was 1966. The outlays were larger in the years 1970 and 1975 for elementary and secondary education because of the construction of facilities for vocational schools.

³⁷ This agency was established in 1965. In 1970, \$900,000 was appropriated through the Office of Education, U.S. Department of Health, Education, and Welfare, for the National Endowment for the Arts, Arts in Education program.

³⁸ This agency was established in 1965. First year of appropriations was 1966.

³⁹ The Economic Opportunity Act of 1964 authorized 10 major action programs, including Job Corps, Neighborhood Youth Corps, Adult Literacy, Work Experience, College Work-Study, and Community Action programs, including Head Start, Follow Through, and Upward Bound, and authorized the establishment of Volunteers in Service to America (VISTA). These programs were transferred to the U.S. Department of Health, Education, and Welfare, U.S. Department of Labor, and the Action Agency in the 1970s. An act on January 4, 1975 established the Community Services Administration as the successor agency to the Office of Economic Opportunity.

⁴⁰ Head Start program funds were transferred to the U.S. Department of Health, Education, and Welfare, Office of Child Development, in 1972.

⁴¹ Most of these programs were transferred to the U.S. Department of Health, Education, and Welfare, Office of Education, in 1972.

⁴² The Job Corps programs were transferred to the U.S. Department of Labor in 1971 and 1972.

⁴³ These programs were transferred to the U.S. Department of Labor in 1971 and 1972.

⁴⁴ These programs were transferred to the Action Agency in 1972.

⁴⁵ Similar programs were included in the "higher education" program in 1965 through 1975.

⁴⁶ The Student Loan Reform Act of 1993 authorized a new Federal Direct Student Loan (FDSL) program, recently renamed the William D. Ford Direct Loan program. This program is a new streamlined lending system that simplifies the process of obtaining and repaying loans for student and parent borrowers and provides borrowers with greater choice in repayment plans.

⁴⁷ Similar programs were included in the "higher education" program in 1965 through 1975, formerly called the "Guaranteed Student Loan" program. The large drop in FY 94 reflects a \$4.79 billion loan prepayment from the Student Loan Marketing Association of its outstanding debt to the Treasury Department.

⁴⁸ This program was transferred from the U.S. Department of Housing and Urban Development to the U.S. Department of Health, Education, and Welfare, Office of Education, in FY 79.

⁴⁹ The Historically Black Colleges and Universities (HBCUs) Capital Financing program was authorized by the Higher Education Act Amendments of 1992 to provide HBCUs with private funds for repair, renovation, and construction projects.

Footnotes—Continued

⁵⁰First year of appropriations for this program was 1967.

⁵¹Program funds were first appropriated for Tuskegee Institute in 1972.

⁵²The Sea Grant College Program Act of 1966 established a matching fund grant program that provides for the establishment of a network of programs in fields related to development and preservation of the nation's coastal and marine resources. This program was transferred from the National Science Foundation to the U.S. Department of Commerce, October 1970.

⁵³This program was transferred to the U.S. Department of Transportation in FY 81 by Public Law 97-31, from the U.S. Department of Commerce.

⁵⁴The U.S. Department of Defense funds for FYs 90 to 96 exclude military pay and reserve accounts which were included in previous years. FY 65 data are not available except for service academies.

⁵⁵Included in total above.

⁵⁶Instructional costs only are included. These include academics, audiovisual, academic computing center, faculty training, military training, physical education, and libraries.

⁵⁷Includes special education programs (military and civilian); legal education program; flight training; advanced degree program; college degree program (officers); and "Armed Forces Health Professions Scholarship" program.

⁵⁸No funds have been appropriated since FY 82.

⁵⁹This program receives funds periodically.

⁶⁰Appropriations began in FY 84.

⁶¹Appropriations began in FY 89.

⁶²Does not include higher education assistance loans.

⁶³Appropriations began in FY 78.

⁶⁴Alcohol, drug abuse, and mental health training programs are included starting in fiscal year 1992.

⁶⁵Beginning in fiscal year 1992, data were included in the National Institutes of Health training grants program.

⁶⁶Postsecondary student benefits were ended by the Omnibus Budget Reconciliation Act of 1981 (Public Law 97-35) and were completely phased out by August 1985.

⁶⁷Includes adult education, tribally-controlled community colleges, postsecondary instruction, and other education.

⁶⁸This program was transferred from the U.S. Department of State to the International Communication Agency (I.C.A.) in 1977, which consolidated the functions of the U.S. Information Agency and the U.S. Department of State's Bureau of Educational and Cultural Affairs. In FY 82 the I.C.A. became the U.S.I.A.

⁶⁹This program provides funds for advanced study and research projects of the Russian, Eurasian, and Eastern European countries by American institutions of higher education and private research firms. Appropriations began in FY 88.

⁷⁰This program was transferred to the U.S. Department of Transportation in FY 81 by Public Law 97-31 from the U.S. Department of Commerce.

⁷¹Includes flight training. This program was in the U.S. Department of the Treasury in 1965 and was transferred to the U.S. Department of Transportation in 1967.

⁷²Includes benefits for Vietnam-era veterans under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. This program provides educational assistance allowances, primarily on a monthly basis, in order to restore lost educational opportunities to those individuals whose careers were interrupted or impeded by reason of active military service between January 31, 1955, and January 1, 1977. This program closed December 31, 1989. Some veterans who were still eligible were put in Chapter 30 (the All-Volunteer-Force Educational Assistance program).

⁷³Includes service persons under Chapter 34 (GI Bill) of the "Readjustment Benefits" education and training program. Service

persons with over 180 days of active duty, any part of which was before January 1, 1977, are eligible to participate in this program.

⁷⁴Includes post-Vietnam-era veterans, under Chapter 32, of the post-Vietnam-era "Veterans Education Account." Provides education and training assistance payments to veterans and service persons with no active duty time before January 1, 1977. Funding is provided through participants' contributions while on active duty and through transfers from the U.S. Department of Defense (DOD). The U.S. Department of Veterans Affairs funds are not appropriated for this program, so these data represent obligations, which are funded through other agencies' appropriations.

⁷⁵Public Law 98-525, enacted October 19, 1984 (New GI Bill), established two new peacetime educational programs: an assistance program for veterans who entered active duty during the period beginning July 1, 1985 to June 30, 1988, and an assistance program for certain members of the Selected Reserve.

⁷⁶Chapter 30, also called the Montgomery Bill, and the new GI Bill are for eligible veterans who have agreed to have their military pay reduced \$100 per month for their first 12 months of active duty. The "Readjustment Benefits" account under the U.S. Department of Veterans Affairs pays only the basic allowance, up to a maximum of \$300 per month, for full-time training. "Supplemental Benefits" are paid by the U.S. Department of Defense (DOD).

⁷⁷Chapter 106 is for members of the Selected Reserve. The reserve components include the Army, Navy, Air Force, Marine Corps Reserve, Army National Guard and Air National Guard under the U.S. Department of Defense (DOD), and the Coast Guard Reserve, which is under the U.S. Department of Transportation (DOT) when it is not operating as a service in the Navy. Eligible persons can receive up to \$140 per month for full-time training. The DOD and DOT pay for this program, and the U.S. Department of Veterans Affairs administers it.

⁷⁸Includes dependents of veterans under Chapter 35, the "Readjustment Benefits" education and training program. Provides education and training benefits to dependents of veterans who died of a service-connected disability or whose service-connected disability is rated permanent and total.

⁷⁹Payments have been made to state education agencies for a number of years but were not listed separately until FY 88.

⁸⁰The USIA was called the "International Communication Agency" in FYs 80 and 81.

⁸¹This program was in the "Educational and Cultural Affairs" program in FYs 80-83, and became an independent program in FY 84.

⁸²This program was combined with the "Educational and Cultural Affairs" program in FY 77.

⁸³Public Law 99-661 established this program to operate the Foundation which awards scholarships and fellowships to outstanding graduate and undergraduate students who intend to pursue careers or advanced degrees in science or mathematics. It may also award honoraria to outstanding individuals who have made significant contributions to improve the instruction of science and mathematics in secondary schools.

⁸⁴Appropriations for this program began in FY 76.

⁸⁵Public Law 99-498 established this Institute as an independent non-profit corporation to provide Native Americans with an opportunity to obtain a postsecondary education in various fields of Indian art and culture.

⁸⁶Public Laws 99-500 and 99-591 established the James Madison Memorial Fellowship Foundation to operate a fellowship program to encourage graduate study of the American Constitution. First year of appropriations was FY 88.

⁸⁷This program was transferred to the Institute of Museum and Library Services in fiscal year 1997. Program was formerly in the U.S. Department of Education.

Footnotes—Continued

⁸⁸This program was transferred to the U.S. Department of Transportation in FY 68 from the U.S. Department of Housing and Urban Development.

⁸⁹This program was established by the Juvenile Justice and Delinquency Prevention Act of 1974 to provide education and training and to provide leadership in improving correctional programs and practices in prisons.

⁹⁰Appropriations for this program began in FY 70.

⁹¹The Federal Aviation Administration, originally an independent agency, was transferred to the U.S. Department of Transportation in FY 67.

⁹²Appropriations began in FY 72.

⁹³First year of appropriations was FY 70.

⁹⁴The National Service Trust Act of 1993 established the Corporation for National and Community Service. In 1993, ACTION became part of this agency.

⁹⁵These programs included the Service Learning programs, University Year for ACTION, Volunteers in Service to America, Youth Challenge program, and the National Student Volunteer program in FY 1975. In FY 80, programs included were the University Year for ACTION, Young Volunteers for ACTION, and National Service Learning programs. In fiscal year 1985, the program included was the Service Learning programs, and in FYs 89 to 94, programs included were the Literacy Corps and the Student Community Services program. In FYs 94 through 98 the AmeriCorps program was included. This program provides education grants to help pay for college or to repay student loans for people who perform community service before, during or after postsecondary education.

⁹⁶The Federal Emergency Management Agency was created in 1979, representing a combination of five existing agencies. The two largest were the Defense Civil Preparedness Agency in the U.S. Department of Defense and the Federal Preparedness Agency in the General Services Administration. The funds for the Federal Emergency Management Agency in FY 70 to FY 75 were in the other agencies.

⁹⁷First year of appropriations was FY 68.

⁹⁸First appropriations for the "other training programs" were in the late 1960s. These programs include the Fall-Out Shelter Analysis, Blast Protection Design through 1992. Starting in FY 1993, earthquake training and safety for teachers and administrators for grades 1 through 12 are included.

⁹⁹The disaster relief program repairs and replaces damaged and destroyed school buildings. In FY 94 and FY 95 funds were for repairs due to the Northridge Earthquake in California. In FY 94, \$37.2 million was spent on school districts; \$4.2 million was spent on community colleges and \$43.8 million spent on universities. In FY 95, \$74.4 million was spent on school districts; \$8.4 million on community colleges and \$87.6 million on colleges and universities.

¹⁰⁰This program was transferred from the General Services Administration to the National Archives and Records Administration in April 1985.

¹⁰¹This program makes grants for the promotion of scholarly, cultural, and artistic exchanges between Japan and the United States. Appropriations began in FY 76.

¹⁰²The National Archives and Records Administration became an independent agency in April 1985.

¹⁰³This program was established by the act of July 20, 1970, Public Law 91-345.

¹⁰⁴This program was established by Congress to conduct and support research and scholarships in the fields of peace, arms control, and conflict resolution.

¹⁰⁵Includes federal obligations for research and development centers administered by colleges and universities. FYs 97 and 98 are estimated.

¹⁰⁶Total outlays for FYs 65 and 70 include the "Research and Training" program. FY 75 includes the "National Institute of Education" program. FYs 80 to 98 include outlays for the Office of Educational Research and Improvement.

—Data not available or not applicable.

NOTE.—Some data have been revised from previously published figures. To the extent possible, amounts reported represent outlays rather than obligations. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, compiled from data appearing in U.S. Office of Management and Budget, *Budget of the U.S. Government*, fiscal years 1967 to 1999; National Science Foundation, *Federal Funds for Research and Development*, fiscal years 1965 to 1998; and unpublished data obtained from various federal agencies. (This table was prepared May 1998.)

Table 362.—Estimated federal support for education, by agency and type of ultimate recipient: Fiscal year 1998

[In millions of dollars]

Agency	Total	Local education agencies	State education agencies	College students	Institutions of higher education	Federal	Multiple types of recipients	Other ¹
1	2	3	4	5	6	7	8	9
Total²	\$107,242.3	\$21,430.2	\$5,639.4	\$21,408.2	\$34,656.7	\$3,292.7	\$11,296.5	\$9,518.6
Total program funds - on-budget	\$75,077.5	\$21,430.2	\$4,674.5	\$8,220.6	\$23,399.0	\$3,292.7	\$11,296.5	\$2,764.0
Department of Education	30,735.6	11,486.7	3,737.8	5,502.1	6,031.0	484.6	1,475.8	2,017.4
Department of Agriculture	10,179.5	9,167.5	152.7	—	450.5	18.0	—	390.7
Department of Commerce	75.2	—	—	—	75.2	—	—	—
Department of Defense	3,604.8	162.3	—	285.5	1,580.1	1,345.7	231.2	—
Department of Energy	3,170.7	—	—	—	3,170.7	—	—	—
Department of Health and Human Services	13,565.6	435.5	—	825.7	7,763.0	155.0	4,386.4	—
Department of Housing and Urban Development	1.4	—	—	—	1.4	—	—	—
Department of the Interior	754.9	57.2	18.0	29.5	137.7	460.4	52.1	—
Department of Justice	282.8	—	—	—	20.8	262.0	—	—
Department of Labor	4,990.1	—	748.5	—	0.1	—	4,241.5	—
Department of State	55.4	—	—	—	—	55.4	—	—
Department of Transportation	115.0	—	—	3.6	57.6	46.0	0.7	7.0
Department of the Treasury	75.5	—	—	—	2.5	73.0	—	—
Department of Veterans Affairs	1,374.2	—	17.5	1,355.1	1.6	—	—	—
Other agencies and programs								
Agency for International Development	363.4	—	—	—	15.7	—	—	347.7
Appalachian Regional Commission	6.8	—	—	—	3.1	—	3.7	—
Barry Goldwater Scholarship and Excellence in Education Foundation	3.0	—	—	—	—	—	3.0	—
Corporation for National and Community Service	374.0	—	—	—	—	—	374.0	—
Environmental Protection Agency	90.4	—	—	—	90.4	—	—	—
Estimated education share of federal aid to the District of Columbia	109.9	96.0	—	—	12.8	—	1.1	—
Federal Emergency Management Agency	50.0	25.0	—	—	—	—	25.0	—
General Services Administration	—	—	—	—	—	—	—	—
Harry S Truman scholarship fund	4.0	—	—	—	—	—	4.0	—
Institute of American Indian and Alaskan Native Culture and Arts Development	4.0	—	—	—	—	—	4.0	—
Institute of Library and Museum Services	192.0	—	—	—	—	—	192.0	—
James Madison Memorial Fellowship Foundation	2.0	—	—	—	—	—	2.0	—
Japanese-United States Friendship Commission	2.0	—	—	—	—	—	2.0	—
Library of Congress	277.0	—	—	—	—	277.0	—	—
National Aeronautics and Space Administration	1,705.1	—	—	—	1,699.0	—	6.1	—
National Archives and Records Administration	114.9	—	—	—	—	114.9	—	—
National Commission on Libraries and Information Science	1.0	—	—	—	—	—	—	1.0
National Endowment for the Arts	7.7	—	—	—	—	—	7.7	—
National Endowment for the Humanities	93.2	—	—	—	—	—	93.2	—
National Science Foundation	2,473.3	—	—	204.1	2,269.3	—	—	—
Nuclear Regulatory Commission	13.4	—	—	—	13.4	—	—	—
Smithsonian Institution	7.7	—	—	—	—	0.7	7.0	—
U.S. Arms Control and Disarmament Agency	—	—	—	—	—	—	—	—
U.S. Information Agency	187.0	—	—	15.0	—	—	172.0	—
U.S. Institute of Peace	12.0	—	—	—	—	—	12.0	—
Other agencies	3.0	—	—	—	3.0	—	—	—
Off-budget support and nonfederal funds generated by federal legislation	32,164.8	—	964.9	13,187.6	11,257.7	—	—	6,754.6

¹ Other recipients include Indian tribes, private nonprofit agencies, and banks.² Includes on-budget support, off-budget support, and nonfederal funds generated by federal legislation. Excludes federal tax expenditures.

—Data not available or not applicable.

NOTE.—Outlays by type of recipient are estimated based on obligation data. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, Office of the Undersecretary, unpublished tabulations; U.S. Office of Management and Budget, *Budget of the U.S. Government, Fiscal Year 1999*; National Science Foundation, *Federal Funds for Research and Development, Fiscal Years 1996, 1997, and 1998*; and unpublished data obtained from various federal agencies. (This table was prepared May 1998.)

**Table 363.—Federal on-budget funds obligated for programs administered by the U.S. Department of Education:
Fiscal years 1980 to 1998**
[In thousands of dollars]

Program	(In current dollars)								
	1980	1985	1990	1993	1994	1995	1996	1997 ²	1998 ³
1	2	3	4	5	6	7	8	9	10
Total	\$14,102,165	\$18,818,201	\$25,214,923	\$33,748,670	\$36,735,985	\$46,433,000	\$45,540,000	\$57,478,000	\$54,525,000
Elementary and secondary education	4,239,022	4,732,864	7,169,693	8,565,459	8,820,052	9,124,000	7,824,000	10,387,000	11,310,000
Grants for the disadvantaged	3,204,664	3,745,855	5,383,960	6,659,203	7,038,334	7,200,000	5,893,000	7,831,000	7,881,000
School improvement programs	788,918	748,000	1,524,001	1,600,013	1,368,108	1,343,000	1,220,000	1,428,000	1,543,000
Bilingual education	169,540	171,605	188,152	225,693	239,805	206,000	178,000	261,000	354,000
Indian education	75,900	67,404	73,580	80,550	82,762	81,000	53,000	61,000	63,000
Education Reform—Goals 2000	—	—	—	—	91,043	294,000	480,000	806,000	1,469,000
School assistance in federally affected areas	812,873	695,746	815,573	760,456	911,716	783,000	703,000	737,000	851,000
Maintenance and operations	690,000	665,000	717,354	713,108	787,263	715,000	689,000	680,000	742,000
Construction	110,873	23,037	22,929	5,291	8,584	2,000	13,000	12,000	19,000
Disaster assistance	12,000	7,709	75,290	42,057	115,869	66,000	1,000	45,000	90,000
Education for the handicapped	1,555,253	2,666,056	3,480,122	4,752,116	5,965,688	5,767,000	5,849,000	6,552,000	7,605,000
State grant programs	815,805	1,245,219	1,258,871	1,842,956	2,779,228	2,467,000	2,350,000	3,066,000	3,866,000
Early childhood education ⁴	38,745	27,625	280,341	476,180	661,665	661,000	820,000	723,000	869,000
Special centers, projects, and research	55,075	53,430	72,966	139,265	101,605	132,000	110,000	124,000	144,000
Captioned films and media services	17,778	35,670	15,191	17,571	18,608	19,000	19,000	46,000	53,000
Personnel training	55,375	68,025	70,838	90,120	104,012	91,000	91,000	81,000	82,000
Handicapped rehabilitation service and research	572,475	1,236,087	1,781,915	2,186,024	2,300,570	2,397,000	2,459,000	2,512,000	2,591,000
Vocational education and adult programs	1,153,743	856,271	1,138,674	1,575,268	1,456,185	1,461,000	1,366,000	1,484,000	1,552,000
Basic programs ⁵	744,653	725,624	858,716	1,049,834	950,244	1,004,000	1,083,000	1,015,000	1,044,000
Consumer and homemaking	63,169	33,138	34,517	35,872	33,895	1,000	—	—	—
Program improvement and supportive services	162,512	5,202	—	—	—	—	—	100,000	103,000
State planning and advisory councils	13,423	7,584	7,923	8,928	9,087	9,000	4,000	—	—
Adult education, grants to states	153,724	84,723	188,280	309,810	254,724	299,000	272,000	354,000	375,000
Other ⁶	16,262	—	49,238	170,824	208,235	148,000	7,000	15,000	30,000
Postsecondary student financial assistance	5,108,534	8,534,205	11,112,068	16,065,617	17,400,855	26,956,000	27,705,000	36,064,000	31,018,000
Educational opportunity grants ⁷	2,534,378	3,558,440	4,919,264	6,764,683	7,092,393	6,484,000	5,545,000	8,158,000	5,193,000
Work-study	596,065	599,467	615,269	625,043	620,878	620,000	619,000	825,000	830,000
Perkins loan program	322,749	219,850	157,415	183,262	177,413	187,000	118,000	182,000	165,000
Federal Family Education Loan program ⁸	1,597,877	4,130,920	5,341,039	8,380,619	8,444,937	10,461,000	10,722,000	11,732,000	8,295,000
Other student assistance programs ⁹	57,465	25,528	79,081	112,010	1,065,234	9,204,000	10,701,000	15,167,000	16,535,000
Direct aid to postsecondary institutions	277,068	329,714	341,634	518,908	740,677	780,000	830,000	887,000	952,000
Aid to minority and developing institutions	114,680	140,374	99,812	130,743	211,054	231,000	304,000	321,000	334,000
Special programs for the disadvantaged	147,389	174,940	241,822	388,165	529,623	549,000	526,000	566,000	618,000
Cooperative education	14,999	14,400	—	—	—	—	—	—	—
Higher education facilities	268,493	194,556	84,305	81,026	49,888	46,000	51,000	24,000	29,000
Construction loans and insurance	35,362	33,188	30,000	46,472	20,607	15,000	1,000	1,000	1,000
Interest subsidy grants	24,626	24,968	38,741	22,647	18,188	21,000	17,000	—	—
College housing loans	208,505	136,400	15,564	11,907	11,093	10,000	33,000	23,000	28,000
Other higher education programs	34,927	74,340	188,999	201,734	129,951	120,000	—	—	—
International education and foreign languages ¹⁰	19,977	32,050	86,337	114,761	—	—	—	—	—
Funds for Improvement of Postsecondary Education ¹¹ ..	12,000	12,710	99,450	86,257	129,554	116,000	(¹¹)	(¹²)	(¹²)
Other	2,950	29,580	3,212	716	397	4,000	—	—	—
Public library services	101,218	116,027	132,583	144,380	149,591	150,000	128,000	(¹³)	(¹³)
Public library services	66,451	75,000	82,505	83,227	83,227	83,000	93,000	(¹³)	(¹³)
Interlibrary cooperation	—	18,000	19,551	19,749	19,749	24,000	18,000	(¹³)	(¹³)
Public library construction	—	16,027	14,837	14,871	21,074	24,000	12,000	(¹³)	(¹³)
Research libraries	5,992	6,000	6,593	5,808	5,808	—	3,000	(¹³)	(¹³)
Other	28,775	1,000	9,097	20,725	19,733	19,000	2,000	(¹³)	(¹³)
Payments to special institutions	273,860	253,622	292,736	320,455	321,753	340,000	314,000	324,000	343,000
American Printing House for the Blind	4,349	5,500	5,663	6,298	6,463	7,000	7,000	7,000	8,000
National Technical Institute for the Deaf	19,799	31,400	35,594	40,964	41,836	43,000	42,000	43,000	44,000
Gallaudet College	49,409	59,092	67,643	77,589	78,435	80,000	78,000	79,000	81,000
Howard University	200,303	157,630	183,836	195,604	195,019	210,000	187,000	195,000	210,000
Departmental accounts	277,174	364,800	458,536	763,251	789,629	906,000	770,000	1,019,000	865,000
Educational research and improvement	51,415	60,556	87,074	283,078	294,323	327,000	353,000	598,000	431,000
Departmental management account	223,857	300,885	370,844	480,166	495,249	579,000	416,000	416,000	433,000
Other	1,875	3,349	—	—	—	—	1,000	5,000	1,000
Trust funds	27	10	618	7	57	—	—	—	—

Table 363.—Federal on-budget funds obligated for programs administered by the U.S. Department of Education: Fiscal years 1980 to 1998—Continued
 [In thousands of dollars]

Program	(In constant 1998 dollars) ¹								
	1980	1985	1990	1993	1994	1995	1996	1997 ²	1998 ³
1	11	12	13	14	15	16	17	18	19
Total	\$28,058,872	\$27,823,436	\$31,526,144	\$38,100,576	\$40,512,843	\$49,913,211	\$47,690,912	\$58,746,942	\$54,525,000
Elementary and secondary education	8,434,320	6,997,722	8,964,246	9,669,979	9,726,849	9,807,855	8,193,537	10,616,314	11,310,000
Grants for the disadvantaged	6,376,273	5,538,391	6,731,549	7,517,910	7,761,951	7,739,649	6,171,334	8,003,885	7,881,000
School improvement programs	1,569,699	1,105,947	1,905,454	1,806,335	1,508,764	1,443,660	1,277,622	1,459,526	1,543,000
Bilingual education	337,331	253,725	235,246	254,796	264,460	221,440	186,407	266,762	354,000
Indian education	151,017	99,659	91,997	90,937	91,271	87,071	55,503	62,347	63,000
Education Reform—Goals 2000	—	—	—	—	100,403	316,036	502,671	823,794	1,469,000
School assistance in federally affected areas	1,617,362	1,028,687	1,019,709	858,517	1,005,450	841,687	736,204	753,271	851,000
Maintenance and operations	1,372,883	983,228	896,906	805,064	868,202	768,590	721,542	695,012	742,000
Construction	220,602	34,061	28,668	5,973	9,467	2,150	13,614	12,265	19,000
Disaster assistance	23,876	11,398	94,135	47,480	127,782	70,947	1,047	45,993	90,000
Education for the handicapped	3,094,464	3,941,867	4,351,186	5,364,903	6,579,026	6,199,244	6,125,256	6,696,649	7,605,000
State grant programs	1,623,195	1,841,104	1,573,963	2,080,606	3,064,963	2,651,905	2,460,993	3,133,688	3,866,000
Early childhood education ⁴	77,090	40,845	350,510	537,584	729,691	710,543	858,730	738,962	869,000
Special centers, projects, and research	109,582	78,998	91,229	157,223	112,051	141,894	115,195	126,738	144,000
Captioned films and media services	35,373	52,739	18,993	19,837	20,521	20,424	19,897	47,016	53,000
Personnel training	110,179	100,578	88,569	101,741	114,706	97,821	95,298	82,788	82,000
Handicapped rehabilitation service and research	1,139,045	1,827,602	2,227,923	2,467,913	2,537,094	2,576,658	2,575,142	2,567,457	2,591,000
Vocational education and adult programs	2,295,586	1,266,030	1,423,681	1,778,400	1,605,897	1,570,504	1,430,518	1,516,762	1,552,000
Basic programs ⁵	1,481,625	1,072,863	1,073,650	1,185,211	1,047,939	1,079,251	1,134,151	1,037,408	1,044,000
Consumer and homemaking	125,686	48,996	43,157	40,498	37,380	1,075	—	—	—
Program improvement and supportive services	323,348	7,691	—	—	—	—	—	102,208	103,000
State planning and advisory councils	26,708	11,213	9,906	10,079	10,021	9,675	4,189	—	—
Adult education, grants to states	305,862	125,266	235,406	349,760	280,912	321,410	284,847	361,815	375,000
Other ⁶	32,356	—	61,562	192,852	229,644	159,093	7,331	15,331	30,000
Postsecondary student financial assistance	10,164,376	12,618,151	13,893,386	18,137,286	19,189,852	28,976,386	29,013,542	36,860,185	31,018,000
Educational opportunity grants ⁷	5,042,615	5,261,291	6,150,541	7,636,992	7,821,568	6,969,984	5,806,897	8,338,104	5,193,000
Work-study	1,185,982	886,335	769,269	705,643	684,711	666,470	648,236	843,214	830,000
Perkins loan program	642,169	325,057	196,816	206,894	195,653	201,016	123,573	186,018	165,000
Federal Family Education Loan program ⁸	3,179,273	6,107,725	6,677,885	9,461,304	9,313,168	11,245,065	11,228,414	11,991,007	8,295,000
Other student assistance programs ⁹	114,337	37,744	98,875	126,454	1,174,752	9,893,851	11,206,422	15,501,842	16,535,000
Direct aid to postsecondary institutions	551,278	487,495	427,144	585,821	816,827	838,462	869,202	906,582	952,000
Aid to minority and developing institutions	228,177	207,548	124,795	147,602	232,753	248,314	318,358	328,087	334,000
Special programs for the disadvantaged	293,258	258,656	302,349	438,219	584,074	590,148	550,844	578,496	618,000
Cooperative education	29,843	21,291	—	—	—	—	—	—	—
Higher education facilities	534,217	287,659	105,406	91,474	55,017	49,448	53,409	24,530	29,000
Construction loans and insurance	70,359	49,070	37,509	52,465	22,726	16,124	1,047	1,022	1,000
Interest subsidy grants	48,998	36,916	48,438	25,567	20,058	22,574	17,803	—	—
College housing loans	414,859	201,673	19,460	13,442	12,233	10,750	34,559	23,508	28,000
Other higher education programs	69,494	109,915	236,305	227,748	143,311	128,994	—	—	—
International education and foreign languages ¹⁰	39,748	47,387	107,947	129,559	—	—	—	—	—
Funds for Improvement of Postsecondary Education ¹¹	23,876	18,792	124,342	97,380	142,874	124,694	—	(12)	(12)
Other	5,870	43,735	4,016	808	438	4,300	—	—	—
Public library services	201,392	171,550	165,768	162,998	164,971	161,243	134,046	(13)	(13)
Public library services	132,217	110,890	103,156	93,959	91,784	89,221	97,393	(13)	(13)
Interlibrary cooperation	—	26,614	24,445	22,296	21,779	25,799	18,850	(13)	(13)
Public library construction	—	23,697	18,551	16,789	23,241	25,799	12,567	(13)	(13)
Research libraries	11,922	8,871	8,243	6,557	6,405	—	3,142	(13)	(13)
Other	57,253	1,479	11,374	23,397	21,762	20,424	2,094	(13)	(13)
Payments to special institutions	544,895	374,990	366,007	361,778	354,833	365,483	328,831	331,153	343,000
American Printing House for the Blind	8,653	8,132	7,080	7,110	7,127	7,525	7,331	7,155	8,000
National Technical Institute for the Deaf	39,394	46,426	44,503	46,246	46,137	46,223	43,984	43,949	44,000
Gallaudet College	98,308	87,370	84,574	87,594	86,499	85,996	81,684	80,744	81,000
Howard University	398,540	233,062	229,850	220,827	215,069	225,740	195,832	199,305	210,000
Departmental accounts	551,489	539,371	573,306	861,673	870,811	973,906	806,368	1,041,496	865,000
Educational research and improvement	102,300	89,534	108,868	319,581	324,583	351,509	369,673	611,202	431,000
Departmental management account	445,405	444,870	463,665	542,084	546,166	622,397	435,648	425,184	433,000
Other	3,731	4,952	—	—	—	—	1,047	5,110	1,000
Trust funds	54	15	773	8	63	—	—	—	—

¹ Data adjusted by the federal funds composite deflator prepared by the U.S. Office of Management and Budget.

² Revised from previously published data.

³ Estimated.

⁴ Includes preschool incentive grants.

⁵ Includes programs of national significance and special programs for the disadvantaged.

⁶ Includes national programs for research, demonstrations, evaluation and technical assistance, literacy training for homeless adults, and some other small programs.

⁷ Includes Pell Grants, Supplemental Education Opportunity Grants, State Student Incentive Grants, and Income Contingent Loans.

⁸ Formerly the Guaranteed Student Loan program.

⁹ Includes Federal Direct Student Loan program starting in fiscal year 1994.

¹⁰ Starting in fiscal year 1994 this program is included under the program, "Funds for Improvement of Postsecondary Education."

¹¹ International education and foreign languages are included under this program starting in fiscal year 1994.

¹² This program is included under the "Special programs for the disadvantaged" program.

¹³ This program was transferred to the Institute of Museum and Library Services in fiscal year 1997.

—Data are not available or not applicable.

NOTE.—Because of rounding, details may not add to totals. Data presented in this tabulation are obligations, which differ from outlay figures reported in other tables in this chapter.

SOURCE: U.S. Office of Management and Budget, *Budget of the United States Government*, fiscal years 1982 to 1999. (This table was prepared May 1998.)

**Table 364.—U.S. Department of Education outlays, by level of education and type of recipient:
Fiscal years 1980 to 1998**

[In millions of dollars]

Year and area of education	Total	Local education agencies	State education agencies	College students	Institutions of higher education	Federal	Multiple types of recipients	Other ¹
1	2	3	4	5	6	7	8	9
1980 total	\$13,137.8	\$5,313.7	\$1,103.2	\$2,137.4	\$2,267.2	\$249.8	\$693.8	\$1,372.7
Elementary/secondary	6,629.1	5,309.4	662.2	34.2	22.0	62.5	513.4	25.5
Postsecondary education	5,682.2	—	99.5	2,103.2	2,166.5	—	—	1,313.0
Other programs	747.7	4.3	341.5	—	—	187.3	180.4	34.2
Education research and statistics	78.7	—	—	—	78.7	—	—	—
1984 total	15,534.7	5,256.5	1,879.0	2,193.4	2,167.4	330.2	516.7	3,191.4
Elementary/secondary	6,220.8	5,252.4	536.0	55.5	35.3	22.9	259.9	58.8
Postsecondary education	7,341.2	—	211.5	2,137.9	1,972.5	—	—	3,019.3
Other programs	1,813.1	4.1	1,131.5	—	—	307.3	256.8	113.3
Education research and statistics	159.6	—	—	—	159.6	—	—	—
1988 total	18,326.9	6,614.8	2,234.6	3,103.4	2,519.5	319.4	838.8	2,696.3
Elementary/secondary	8,098.4	6,606.3	717.9	66.2	39.5	23.8	616.7	28.0
Postsecondary education	8,247.1	—	184.6	3,037.2	2,437.6	—	—	2,587.7
Other programs	1,939.0	8.5	1,332.1	—	—	295.6	222.1	80.6
Education research and statistics	42.4	—	—	—	42.4	—	—	—
1990 total	23,198.6	8,000.7	2,490.3	3,859.6	3,649.8	441.4	912.2	3,844.4
Elementary/secondary	9,681.3	7,995.0	700.3	80.5	85.4	113.1	650.7	56.3
Postsecondary education	11,176.0	—	261.6	3,779.1	3,475.0	—	—	3,660.4
Other programs	2,251.8	5.7	1,528.5	—	—	328.3	261.5	127.8
Education research and statistics	89.5	—	—	—	89.5	—	—	—
1992 total	26,116.0	9,834.7	2,883.2	4,090.7	4,107.4	418.3	1,189.4	3,592.4
Elementary/secondary	12,057.7	9,830.1	1,011.0	92.9	232.7	49.8	762.3	78.8
Postsecondary education	11,323.6	—	245.5	3,997.7	3,719.9	—	—	3,360.5
Other programs	2,579.9	4.6	1,626.6	—	—	368.5	427.0	153.1
Education research and statistics	154.8	—	—	—	154.8	—	—	—
1994 total	29,713.4	10,935.6	3,264.8	4,800.5	4,831.3	504.5	1,258.2	4,118.5
Elementary/secondary	13,769.2	10,929.2	1,354.0	159.9	275.2	60.9	902.1	87.9
Postsecondary education	12,871.4	—	53.0	4,640.6	4,279.3	—	—	3,898.5
Other programs	2,796.0	6.4	1,857.8	—	—	443.6	356.1	132.1
Education research and statistics	276.8	—	—	—	276.8	—	—	—
1995 total	31,403.0	11,210.7	3,584.0	4,964.7	5,016.1	485.4	1,349.2	4,792.9
Elementary/secondary	14,029.0	11,203.3	1,410.0	190.5	170.1	70.3	946.9	37.9
Postsecondary education	14,234.0	—	250.8	4,774.2	4,567.0	—	—	4,642.0
Other programs	2,861.0	7.4	1,923.2	—	—	415.1	402.3	113.0
Education research and statistics	279.0	—	—	—	279.0	—	—	—
1996 total	29,977.8	11,077.8	3,669.6	5,129.8	5,053.4	562.1	1,682.3	2,802.9
Elementary/secondary	14,323.8	11,073.1	1,650.7	161.1	141.5	59.2	1,201.4	36.8
Postsecondary education	12,257.6	—	90.7	4,968.7	4,601.0	—	—	2,597.2
Other programs	3,085.6	4.7	1,928.2	—	—	502.9	480.9	168.9
Education research and statistics	310.9	—	—	—	310.9	—	—	—
1997 total	30,110.6	11,229.1	3,698.5	5,200.5	5,480.0	467.9	1,535.4	2,499.1
Elementary/secondary	14,511.2	11,220.3	1,654.2	165.4	149.5	58.3	1,224.1	39.4
Postsecondary education	12,377.0	—	48.6	5,035.1	4,990.5	—	—	2,302.8
Other programs	2,882.3	8.8	1,995.7	—	—	409.6	311.3	156.9
Education research and statistics	340.0	—	—	—	340.0	—	—	—
1998 total	30,735.6	11,486.7	3,737.9	5,502.1	6,031.0	484.6	1,475.8	2,017.5
Elementary/secondary	14,787.3	11,477.5	1,662.2	241.8	153.4	47.5	1,148.8	56.0
Postsecondary education	12,406.1	—	63.4	5,260.3	5,297.1	—	—	1,785.3
Other programs	2,961.8	9.2	2,012.3	—	—	437.1	327.0	176.2
Education research and statistics	580.5	—	—	—	580.5	—	—	—

¹ Other recipients include Indian tribes, private nonprofit agencies, and banks.
—Data are not available or not applicable.

SOURCE: U.S. Office of Management and Budget, *Budget of the U.S. Government*, Fiscal Years 1982 to 1999, and *Catalog of Federal Domestic Assistance*; National Science Foundation, *Federal Funds for Research and Development*, Fiscal Years 1980 to 1998; and unpublished data obtained from various federal agencies. (This table was prepared July 1998.)

NOTE.—Outlays by type of recipient are estimated based on obligation data. Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

Table 365.—U.S. Department of Education obligations for major programs, by state or other area: Fiscal year 1997
[In thousands]

State or other area	Total	Grants for the disadvantaged ¹	Block grants to states for school improvement ²	School assistance in federally affected areas ³	Vocational and adult education ⁴	Education for the handicapped ⁵	Bilingual education ⁶	Indian education	Higher and continuing education ⁷	Student financial assistance ⁸	Rehabilitation services ⁹	Goals 2000 ¹⁰
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	\$28,611,252	\$7,782,801	\$1,181,345	\$655,500	\$1,446,611	\$3,787,023	\$254,025	\$57,947	\$1,178,199	\$9,357,369	\$2,254,099	\$656,333
Alabama	461,534	131,021	18,772	1,916	28,154	56,607	436	\$1,101	39,535	133,282	47,175	3,536
Alaska	139,173	26,454	5,792	59,153	5,114	13,523	865	6,493	2,278	8,453	8,035	3,012
Arizona	467,681	119,447	18,020	78,919	23,335	10,674	10,232	6,951	7,771	147,061	35,300	9,972
Arkansas	277,119	81,904	11,376	275	16,768	39,446	144	116	15,211	76,199	28,778	6,903
California	3,052,628	914,350	130,884	39,479	156,381	343,137	86,600	3,838	73,696	1,014,151	214,884	75,228
Colorado	323,443	74,354	14,189	4,855	17,801	46,376	3,669	377	11,749	115,047	27,580	7,446
Connecticut	248,311	69,789	11,553	5,200	13,326	51,352	2,005	23	6,578	63,245	17,299	5,943
Delaware	76,054	18,908	5,792	36	5,457	10,966	100	0	4,633	19,380	8,041	2,741
District of Columbia	762,360	23,452	5,760	629	5,468	4,934	1,032	0	321,434	387,105	11,547	1,000
Florida	1,238,872	346,594	51,936	6,356	68,165	201,975	16,911	52	23,242	388,960	105,809	28,872
Georgia	652,130	198,098	29,998	5,694	41,888	91,689	1,644	0	34,959	167,380	63,828	16,951
Hawaii	107,957	20,820	11,553	23,226	6,791	11,400	1,370	0	7,413	20,077	8,151	2,829
Idaho	119,569	26,509	5,774	3,442	7,780	16,871	1,548	262	3,408	39,310	11,596	3,068
Illinois	1,131,926	338,289	51,290	6,343	57,554	186,266	10,524	77	31,952	335,849	83,775	30,006
Indiana	531,780	118,630	22,041	99	33,445	87,240	250	7	13,142	198,131	46,941	11,854
Iowa	275,983	54,582	10,791	75	16,222	42,279	1,218	113	13,798	104,749	26,453	5,701
Kansas	254,806	64,875	10,791	9,017	13,904	35,940	982	320	12,334	79,038	21,980	5,839
Kentucky	445,232	139,631	17,901	2,995	26,360	62,191	259	0	15,444	129,299	42,592	11,260
Louisiana	585,124	201,296	27,704	3,091	29,675	64,848	1,239	461	25,678	169,749	48,421	15,894
Maine	139,869	32,678	5,760	2,434	7,285	21,056	1,459	100	5,531	47,274	13,149	3,142
Maryland	393,007	100,045	18,454	4,306	21,742	73,649	1,349	150	17,359	113,315	33,118	9,419
Massachusetts	649,815	146,133	22,079	858	25,616	101,520	5,661	74	19,211	273,196	43,206	12,261
Michigan	935,139	340,860	44,979	4,137	50,097	123,749	1,505	2,559	25,931	235,206	78,461	27,654
Minnesota	410,126	91,077	18,377	5,466	22,416	60,312	1,576	2,180	15,045	146,666	37,595	9,416
Mississippi	395,297	130,376	15,546	2,566	19,458	41,600	322	222	18,636	121,673	34,662	10,237
Missouri	504,818	128,588	21,442	6,983	29,972	77,151	1,370	41	14,786	163,385	49,256	11,844
Montana	136,611	27,077	5,760	23,452	6,272	13,981	3,059	1,889	7,484	37,326	9,310	1,000
Nebraska	180,656	37,092	6,578	7,428	9,158	24,807	499	406	4,365	71,831	14,820	3,671
Nevada	90,539	22,496	5,920	2,367	7,165	19,652	951	445	1,737	17,331	9,611	2,864
New Hampshire	96,755	17,768	5,921	7	6,729	18,465	100	0	2,814	32,948	9,278	2,724
New Jersey	622,211	163,840	28,294	9,939	33,320	125,751	3,960	106	13,363	183,341	45,237	15,060
New Mexico	272,387	64,799	8,874	46,475	10,915	32,930	6,246	5,026	8,745	64,845	18,178	5,355
New York	2,319,571	687,951	83,470	9,456	80,184	269,268	37,482	1,081	37,972	939,864	120,175	52,668
North Carolina	616,830	144,895	26,398	5,913	41,928	106,773	1,250	2,091	35,847	168,573	69,162	13,997
North Dakota	104,531	18,994	5,760	12,704	4,500	9,667	1,315	1,002	4,927	34,586	8,014	2,763
Ohio	1,124,159	312,174	48,148	2,600	60,914	142,022	306	7	21,944	406,862	100,889	28,293
Oklahoma	379,079	88,452	14,437	16,138	20,856	48,982	5,791	11,129	16,978	119,934	34,025	2,358
Oregon	277,649	80,981	12,594	1,861	16,660	43,454	2,764	1,230	7,754	76,576	26,581	7,195
Pennsylvania	1,148,244	338,831	49,098	1,037	60,797	139,082	1,355	0	24,023	402,446	102,727	28,848
Rhode Island	125,983	25,127	5,760	1,363	7,017	17,940	1,063	0	5,328	50,469	9,017	2,898
South Carolina	377,008	97,056	15,340	2,406	24,138	54,508	100	32	22,265	112,855	39,461	8,847
South Dakota	165,003	20,831	5,796	18,276	5,602	12,385	2,509	2,025	3,844	82,849	8,053	2,833
Tennessee	503,587	131,125	20,982	1,108	31,873	83,347	364	0	21,278	149,617	52,002	11,890
Texas	2,068,166	679,899	90,396	21,613	111,243	311,994	18,274	172	51,167	565,249	160,646	54,513
Utah	233,330	35,922	8,930	4,691	14,047	34,609	1,795	720	6,972	101,474	19,741	4,427
Vermont	86,520	17,715	5,760	2	5,273	6,986	124	88	4,721	35,093	8,042	2,716
Virginia	677,327	112,577	22,475	23,334	33,577	98,488	1,609	14	23,599	298,932	51,186	11,536
Washington	465,961	122,852	20,877	22,395	25,774	69,712	4,375	2,979	14,512	132,873	38,337	11,276
West Virginia	225,620	74,995	8,839	6	12,827	30,757	100	0	8,600	61,662	22,040	5,794
Wisconsin	509,542	129,779	22,038	7,327	27,673	78,166	694	1,654	17,840	166,162	45,941	12,270
Wyoming	74,179	16,806	5,797	5,672	5,110	10,852	524	336	3,128	16,801	6,439	2,713
Indian tribe setaside	103,406	37,250	7,837	0	482	41,882	0	0	0	0	12,000	3,955
Undistributed	160,275	20,406	2,031	129,108	0	7,243	0	0	0	0	738	750
Outlying areas												
American Samoa	18,029	9,191	1,555	0	373	4,550	355	0	651	280	834	241
Federated States of Micronesia	562	0	0	0	100	0	100	0	89	274	0	0
Guam	31,535	8,794	3,973	0	766	10,828	916	0	1,521	2,041	2,199	496
Marshall Islands	395	0	0	0	100	0	100	0	195	0	0	0
North Mariana Islands	12,084	4,603	886	0	365	2,526	219	0	1,801	849	721	114
Palau	1,191	0	1	0	100	502	100	0	180	159	150	0
Puerto Rico	790,120	278,114	27,803	823	28,683	31,684	351	0	19,416	324,380	59,139	19,727
Trust Territory of the Pacific	1,619	0	0	0	0	0	728	0	890	0	0	0
Virgin Islands	32,834	15,647	3,279	150	915	7,180	281	0	1,492	1,706	1,775	410

¹Title I, formerly called Chapter 1, Education Consolidation and Improvement Act of 1981, includes Grants to Local Education Agencies, Migrant Education—Basic State Grants, Program for Neglected and Delinquent Children, Capital Expenses, and Even Start—State Educational Agencies.

²Title VI, formerly called Chapter 2 Education Consolidation and Improvement Act of 1981, includes Eisenhower Professional Development Grants, Safe and Drug-Free Schools and Communities—State Grants, Education for Homeless Children and Youth, and Innovative Education Program Strategies.

³Impact Aid—Basic Support Payments and Impact Aid—Payments for Children with Disabilities.

⁴Includes Vocational Education—Basic Grants to States, Tech-Prep Education, and Adult Education—State Grant Program.

⁵Includes Special Education—Grants to States, Preschool Grants, and Grants for Infants and Families with Disabilities.

⁶Includes Emergency Immigrant Education Program and Bilingual Education State Grants.

⁷Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students, Other Special Programs for the Disadvantaged, Cooperative Education, Fund for the Improvement of Postsecondary Education, Fellowships and Scholarships, and annual interest subsidy grants for facilities construction.

⁸Includes Pell Grants, State Student Incentive Grants, Federal Supplemental Educational Opportunity Grants, Federal Work-Study, and Federal Perkins Loans—Capital Contributions, and Guaranteed Student Loan interest subsidies.

⁹Includes Rehabilitation Services—Vocational Rehabilitation Grants to States, Supported Employment Services for Individuals with Severe Disabilities, Rehabilitation Services—Client Assistance Program, and Independent Living—State Grants, and Protection and Advocacy of Individual Rights.

¹⁰Includes State and Local Education Systemic Improvement Grants and Innovative Education Program Strategies.

NOTE.—Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 1999*. To the extent possible, data represent obligations rather than outlays. Because of the exclusion of certain programs, totals in this table are lower than those reported in other tables. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, based on unpublished tabulations from the Office of Management and Budget; and U.S. Department of Commerce, Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1997*. (This table was prepared February 1998.)

Table 366.—U.S. Department of Education obligations for major programs, by state or other area: Fiscal year 1996
[In thousands]

State or other area	Total	Grants for the disadvantaged ¹	Block grants to states for school improvement ²	School assistance in federally affected areas ³	Vocational and adult education ⁴	Education for the handicapped ⁵	Bilingual education ⁶	Indian education	Higher and continuing education ⁷	Student financial assistance ⁸	Public library programs ⁹	Rehabilitation services ¹⁰	Goals 2000 ¹¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	\$23,169,044	\$5,877,908	\$1,014,622	\$621,707	\$1,324,769	\$3,144,751	\$186,524	\$50,180	\$1,037,480	\$7,275,673	\$122,624	\$2,191,920	\$320,885
Alabama	401,419	104,932	16,386	3,822	25,534	55,413	214	1,205	39,758	99,388	2,343	46,370	\$6,054
Alaska	115,798	22,498	4,974	50,357	4,984	10,390	1,016	5,715	2,456	4,618	899	7,862	29
Arizona	410,975	87,262	15,136	67,929	20,932	40,807	7,185	5,864	7,282	117,446	1,982	33,596	5,554
Arkansas	221,201	64,679	9,837	889	15,057	29,434	100	101	14,102	57,400	1,328	28,204	69
California	2,517,806	691,965	111,557	52,700	140,435	344,881	66,018	3,494	74,588	765,436	13,004	210,819	42,909
Colorado	254,932	57,264	12,210	6,140	16,096	41,004	2,129	321	11,759	75,903	1,564	26,538	4,004
Connecticut	181,800	45,962	9,703	5,411	12,061	42,656	1,754	21	6,326	39,105	1,680	17,077	66
Delaware	63,584	14,308	4,974	67	5,253	9,124	160	0	4,636	15,357	562	7,874	1,267
District of Columbia	369,884	17,857	4,874	1,515	4,363	4,756	716	0	198,518	123,567	570	11,595	1,552
Florida	979,634	252,802	43,463	11,227	61,095	172,852	8,532	40	26,151	279,772	5,548	103,138	15,014
Georgia	517,636	143,475	25,677	6,058	37,781	71,144	686	0	35,486	123,752	2,796	61,652	9,129
Hawaii	86,306	16,056	4,974	17,414	6,247	10,427	1,550	0	6,736	13,863	1,007	8,005	26
Idaho	102,623	22,888	4,975	3,230	6,904	14,720	747	213	3,351	30,615	650	11,252	3,076
Illinois	864,739	266,003	44,193	9,063	51,880	133,309	5,639	68	31,564	235,991	4,497	82,230	303
Indiana	420,921	92,514	19,058	538	30,439	68,549	301	8	12,979	143,409	2,324	44,122	6,681
Iowa	225,630	42,509	9,446	124	14,669	33,610	615	88	12,268	79,920	1,440	24,582	6,359
Kansas	213,163	49,909	9,092	9,759	12,565	28,661	989	281	10,230	66,239	1,369	20,909	3,160
Kentucky	351,966	109,184	15,497	966	23,672	47,360	275	0	14,596	91,289	1,626	41,842	5,659
Louisiana	476,701	156,947	21,338	5,346	27,048	48,661	4,011	405	25,631	131,605	2,630	47,287	7,793
Maine	102,845	24,459	4,974	2,443	6,495	16,700	743	112	5,203	26,410	899	12,840	1,567
Maryland	319,999	72,257	15,573	8,962	19,462	53,545	1,116	129	18,429	90,689	2,209	32,511	5,118
Massachusetts	525,798	103,185	20,499	3,904	23,859	91,048	3,951	61	18,676	202,189	2,522	42,540	13,366
Michigan	762,383	261,032	39,009	5,025	46,088	99,024	990	2,081	24,918	189,009	4,166	77,117	13,926
Minnesota	333,882	69,899	15,731	4,632	20,569	56,709	2,158	1,880	13,750	98,648	2,490	36,874	10,541
Mississippi	316,673	102,740	13,511	3,356	17,571	34,158	100	184	18,073	86,539	1,207	34,041	5,191
Missouri	418,419	98,868	18,601	6,040	26,773	60,645	1,008	35	13,893	129,487	2,152	48,134	12,782
Montana	113,558	21,422	4,974	20,219	5,751	9,946	1,606	1,604	7,064	29,748	685	8,949	1,590
Nebraska	152,432	28,478	5,542	6,728	8,170	19,935	506	342	4,526	60,934	829	14,419	2,024
Nevada	69,984	15,994	5,026	3,047	6,515	15,190	413	409	1,777	10,214	927	9,142	1,330
New Hampshire	73,135	13,604	4,974	986	6,208	13,074	412	0	2,729	20,196	652	8,984	1,315
New Jersey	476,660	118,721	24,258	11,571	29,886	99,695	2,086	97	13,214	120,798	3,103	44,273	8,959
New Mexico	223,086	49,780	7,619	36,628	9,840	24,248	4,303	4,327	8,541	56,231	1,181	17,726	2,663
New York	1,896,975	515,108	71,682	17,716	73,572	214,036	27,341	958	39,106	810,531	7,661	118,750	513
North Carolina	486,613	111,143	22,433	7,820	38,172	77,113	875	1,785	35,211	121,617	2,801	67,496	147
North Dakota	92,451	14,559	4,974	14,665	5,278	7,230	1,464	859	4,165	28,220	597	7,813	2,626
Ohio	969,863	247,970	41,853	3,537	55,788	126,415	829	6	21,717	338,348	4,762	99,296	29,341
Oklahoma	317,729	69,293	12,460	18,309	18,847	37,096	7,715	9,493	16,285	88,959	1,600	33,192	4,480
Oregon	216,654	66,750	10,675	2,516	14,935	33,291	2,289	1,071	8,061	45,714	1,430	26,047	3,876
Pennsylvania	927,378	258,813	42,383	2,611	54,771	125,741	1,668	0	24,468	310,111	5,196	101,323	294
Rhode Island	95,837	17,931	4,974	2,492	6,416	13,187	630	0	2,681	35,950	742	7,965	2,868
South Carolina	317,256	75,967	13,344	5,562	22,092	49,661	129	21	19,326	85,433	2,027	38,894	4,800
South Dakota	149,118	16,314	4,974	13,497	5,355	9,196	1,881	1,755	3,628	82,700	513	7,866	1,439
Tennessee	401,598	100,063	18,114	2,067	28,832	63,771	283	0	22,784	106,456	2,231	50,489	6,509
Texas	1,710,624	515,462	77,550	26,965	100,123	223,335	13,402	143	48,108	514,630	6,897	156,266	27,741
Utah	183,397	28,066	7,820	5,934	12,736	30,149	850	592	7,109	67,321	1,023	19,294	2,502
Vermont	68,681	13,469	4,974	10	5,106	8,194	274	82	4,259	22,633	552	7,878	1,250
Virginia	457,917	84,425	19,420	29,334	30,343	73,577	628	10	23,651	143,359	3,014	50,156	0
Washington	400,936	94,508	17,813	21,761	22,930	57,442	2,514	2,597	15,319	120,064	2,176	37,335	6,177
West Virginia	179,339	57,100	7,753	16	11,636	23,449	45	0	8,275	42,450	1,237	21,738	5,641
Wisconsin	409,962	101,937	18,972	6,474	25,106	57,479	981	1,435	16,147	127,609	2,306	44,808	6,707
Wyoming	61,614	13,287	4,974	5,460	4,977	7,562	595	287	3,046	13,002	532	6,605	1,287
Indian tribe setaside	70,234	0	6,763	0	12,311	35,848	0	0	0	0	2,540	10,572	2,200
Undistributed	389,922	22,843	1,120	67,549	2,812	0	0	0	2,138	292,717	7	735	0
Outlying areas													
American Samoa	7,670	0	1,328	0	349	3,096	194	0	614	822	89	819	358
Federated States of													
Micronesia	852	0	0	0	100	0	450	0	0	0	0	0	302
Guam	16,300	0	3,092	0	720	7,415	510	0	1,577	1,316	124	1,352	195
Marshall Islands	203	0	0	0	100	0	0	0	0	0	0	0	103
North Mariana Islands	4,899	0	756	0	344	2,254	107	0	79	489	87	680	103
Palau	1,204	0	2	0	100	862	0	0	0	0	57	202	182
Puerto Rico	652,497	213,443	24,209	1,181	25,864	49,534	490	0	18,104	258,262	1,516	50,104	9,791
Trust Territory of the Pacific	798	0	0	0	0	0	0	0	798	0	0	0	0
Virgin Islands	14,954	0	2,552	137	847	6,045	352	0	1,618	1,194	87	1,742	380

¹Title I, formerly called Chapter 1, Education Consolidation and Improvement Act of 1981, includes Grants to Local Education Agencies, Migrant Education—Basic State Grants, Program for Neglected and Delinquent Children, Capital Expenses, and Even Start—State Educational Agencies.

²Title VI, formerly called Chapter 2 Education Consolidation and Improvement Act of 1981, includes Eisenhower Professional Development Grants, Drug-Free Schools and Communities—State Grants, Education for Homeless Children and Youth, and Innovative Education Program Strategies.

³Impact Aid—Basic Support Payments and Impact Aid—Payments for Children with Disabilities.

⁴Includes Vocational Education—Basic Grants to States, Tech-Prep Education, and Adult Education—State Grant Program.

⁵Includes Special Education—Grants to States, Preschool Grants, Special Education—Grants for Infants and Families with Disabilities, and Education of Children with Disabilities.

⁶Includes Emergency Immigrant Education Program and Bilingual Education State Grants.

⁷Includes Institutional Aid to Strengthen Higher Education Institutions serving significant numbers of low-income students, Other Special Programs for the Disadvantaged, Cooperative Education, Fund for the Improvement of Postsecondary Education, Fellowships and Scholarships, and annual interest subsidy grants for facilities construction.

⁸Includes Pell Grants, State Student Incentive Grants, and Guaranteed Student Loan interest subsidies.

⁹Includes Public Library Services, Public Library Construction and Technology Enhancement, and Interlibrary Cooperation and Resource Sharing.

¹⁰Includes Rehabilitation Services—Vocational Rehabilitation Grants to States, Supported Employment Services for Individuals with Severe Disabilities, Rehabilitation Services—Client Assistance Program, Independent Living—State Grants, and Program of Protection and Advocacy of Individual Rights.

¹¹Includes State and Local Education Systemic Improvement Grants.

NOTE.—Data reflect revisions to figures in the *Budget of the United States Government, Fiscal Year 1998*. To the extent possible, data represent obligations rather than outlays. Because of the exclusion of certain programs, totals in this table are lower than those reported in other tables. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, based on unpublished tabulations from the Office of Management and Budget; and U.S. Department of Commerce, Bureau of the Census, *Federal Expenditures by State for Fiscal Year 1996*. (This table was prepared April 1997.)

Table 367.—Appropriations for Title I and Title VI, Elementary and Secondary Education Act (ESEA)¹ of 1994, by state or other area: 1996–97 and 1997–98

[In thousands]

State or other area	Title I total, school year 1996–97 ²	Title I, ³ school year 1997–98 ⁴							Title VI ⁵	
		Total	Local education grants			Neglected and delinquent children	Migrant children	Other ⁶	1996 appropriations for 1996–97	1997 appropriations for 1997–98
			Total ⁷	Basic grants	Concentration grants					
1	2	3	4	5	6	7	8	9	10	11
Total⁸	\$7,215,249	\$7,783,127	\$7,295,232	\$6,207,799	\$1,012,028	\$39,311	\$305,473	\$143,111	\$275,000	\$310,000
Alabama	128,784	131,409	125,698	106,699	18,999	617	3,381	1,714	4,220	4,684
Alaska	25,348	26,662	16,935	15,302	1,633	172	9,071	484	1,365	1,539
Arizona	105,959	121,119	112,826	95,305	17,521	803	5,774	1,716	4,312	5,032
Arkansas	78,937	80,476	75,042	64,318	10,724	385	3,995	1,054	2,541	2,866
California	830,700	924,684	820,147	694,666	125,481	3,640	84,472	16,425	31,703	35,956
Colorado	69,894	74,147	69,612	60,653	8,959	277	3,238	1,020	3,797	4,280
Connecticut	55,932	71,835	67,008	58,097	8,911	775	2,732	1,320	3,020	3,426
Delaware	17,074	19,069	17,723	15,250	2,473	202	398	746	1,365	1,539
District of Columbia	21,703	23,309	21,490	18,099	3,391	847	308	664	1,365	1,539
Florida	306,097	358,106	328,272	280,197	48,075	1,326	23,513	4,995	12,480	14,442
Georgia	175,799	200,419	191,891	164,749	27,141	1,377	4,596	2,556	7,289	8,247
Hawaii	19,751	20,746	20,124	17,290	2,835	120	0	502	1,365	1,539
Idaho	27,055	26,092	21,879	19,128	2,751	100	3,588	524	1,366	1,553
Illinois	327,388	334,055	324,606	278,804	45,802	1,719	2,048	5,682	11,763	13,249
Indiana	113,324	117,423	111,758	100,338	11,420	632	3,248	1,784	5,784	6,486
Iowa	52,283	53,355	51,587	47,050	4,537	237	608	923	2,937	3,249
Kansas	59,938	64,479	53,947	47,957	5,991	539	9,112	881	2,748	3,066
Kentucky	132,963	137,956	127,104	107,970	19,134	859	7,944	2,049	3,845	4,276
Louisiana	192,972	197,894	191,287	161,779	29,509	656	2,564	3,386	4,870	5,426
Maine	29,334	32,818	28,085	25,272	2,814	132	4,095	506	1,365	1,539
Maryland	88,763	101,037	97,405	85,142	12,263	1,113	320	2,199	4,795	5,432
Massachusetts	125,917	148,846	142,984	121,950	21,033	743	2,196	2,924	5,431	6,123
Michigan	319,188	340,649	321,769	276,704	45,065	958	12,852	5,070	9,893	11,037
Minnesota	85,557	90,942	86,178	76,809	9,369	197	2,562	2,005	4,957	5,557
Mississippi	126,428	127,989	124,675	106,146	18,529	279	1,137	1,898	2,978	3,325
Missouri	117,408	128,881	124,488	107,700	16,788	709	1,097	2,587	5,442	6,082
Montana	26,226	26,509	25,308	21,716	3,592	68	620	514	1,365	1,539
Nebraska	34,365	36,505	31,736	28,834	2,902	297	3,562	911	1,768	1,978
Nevada	19,543	22,897	21,881	19,364	2,517	170	348	499	1,417	1,679
New Hampshire	16,648	17,689	16,730	15,324	1,407	347	89	523	1,365	1,539
New Jersey	145,386	165,699	158,037	136,704	21,333	2,464	1,133	4,064	7,333	8,330
New Mexico	61,052	64,712	62,366	52,663	9,703	292	1,037	1,018	1,941	2,174
New York	627,760	691,343	665,779	568,981	96,799	2,786	7,094	15,684	16,973	19,091
North Carolina	136,057	144,469	137,011	119,980	17,031	1,001	4,636	1,820	6,759	7,723
North Dakota	17,773	18,866	17,675	15,393	2,282	46	571	574	1,365	1,539
Ohio	307,328	307,721	298,122	257,641	40,481	2,118	1,598	5,882	11,232	12,541
Oklahoma	85,198	89,482	86,346	73,844	12,502	359	1,608	1,170	3,486	3,892
Oregon	79,527	80,243	67,462	59,481	7,981	1,198	10,614	969	3,112	3,530
Pennsylvania	315,880	338,981	323,243	280,804	42,440	670	6,572	8,496	11,385	12,769
Rhode Island	21,939	25,482	24,175	21,094	3,081	357	122	829	1,365	1,539
South Carolina	93,480	95,786	93,292	79,932	13,360	871	433	1,190	3,680	4,095
South Dakota	19,921	20,536	19,289	16,676	2,613	191	536	519	1,365	1,539
Tennessee	123,385	130,600	128,056	108,973	19,083	620	173	1,750	5,049	5,677
Texas	625,538	682,084	627,681	532,726	94,955	2,034	42,739	9,630	20,300	22,947
Utah	34,293	35,270	33,044	29,508	3,536	445	1,274	508	2,661	2,949
Vermont	16,327	17,774	16,307	14,525	1,781	104	845	518	1,365	1,539
Virginia	102,822	111,611	108,448	95,505	12,944	932	661	1,570	6,151	6,903
Washington	113,398	123,404	107,699	93,183	14,515	778	13,339	1,588	5,499	6,204
West Virginia	70,426	74,226	72,921	61,857	11,064	228	110	967	1,742	1,895
Wisconsin	125,368	128,105	124,316	113,849	10,467	936	595	2,258	5,406	6,065
Wyoming	16,270	16,624	15,894	14,313	1,581	87	153	490	1,365	1,539
Other activities										
Bureau of Indian Affairs	41,609	45,458	45,458	0	0	0	0	0	0	0
Migrant coordination activities	5,999	5,998	0	0	0	0	5,998	0	0	0
Even Start Migrant, Indian, and Territory setaside	8,600	8,600	3,500	0	0	0	0	5,100	0	0
Even Start Evaluation/ Technical Assistance	1,374	1,369	0	0	0	0	0	1,369	0	0
Even Start/State Literacy Initiative	0	0	0	0	0	0	0	0	0	0
Competitive grants	5,000	5,000	5,000	0	0	0	0	0	0	0
Outlying areas										
American Samoa	4,978	5,141	5,141	0	0	0	0	0	330	373
Guam	4,846	4,819	4,819	0	0	0	0	0	771	869
Northern Marianas	2,362	2,734	2,734	0	0	0	0	0	188	212
Puerto Rico	261,604	274,238	262,487	221,557	40,929	497	4,164	7,090	4,624	5,122
Virgin Islands	8,474	8,753	8,753	0	0	0	0	0	635	716

¹ Elementary and Secondary Education Act was most recently revised through the Improving America's Schools Act (IASA) of 1994.

² Data are based on fiscal year 1997 budget authorizations. Excludes \$3,359,000 for Title I evaluation.

³ Formerly Chapter 1.

⁴ Data are based on fiscal year 1998 budget authorizations. Excludes \$6,977,000 for Title I evaluation.

⁵ Formerly Chapter 2.

⁶ Includes capital expenses, and Even Start grants.

⁷ Includes other programs not shown separately.

⁸ Total includes other activities and outlying areas.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, Budget Service, Elementary, Secondary, and Vocational Education Analysis Division, unpublished data. (This table was prepared March 1998.)

Table 368.—Federal science and engineering obligations to colleges and universities, by agency and state:
Fiscal year 1996¹
 [In thousands]

State or other area	Total	Department of Agriculture	Department of Defense	Department of Education	Department of Energy	Environmental Protection Agency	Department of Health and Human Services	National Aeronautics and Space Administration	National Science Foundation	Other ²
1	2	3	4	5	6	7	8	9	10	11
United States	18,397,350	863,033	2,119,199	173,637	3,222,520	102,440	7,311,754	1,837,491	2,329,520	437,756
Alabama	237,514	25,523	18,304	3,621	4,848	592	137,543	33,052	12,630	1,401
Alaska	32,650	3,772	752	433	98	15	2,403	9,194	6,742	9,241
Arizona	213,828	8,824	22,040	3,600	6,686	5,146	65,455	25,291	70,822	5,964
Arkansas	57,442	23,547	6,271	3,745	200	75	19,624	532	2,167	1,281
California	4,042,474	33,411	232,421	20,683	1,054,028	10,262	1,007,776	1,252,030	393,446	38,417
Colorado	352,771	12,041	18,085	5,533	8,917	2,734	130,906	21,391	120,507	32,657
Connecticut	271,161	7,813	14,067	857	10,465	157	210,166	1,654	22,027	3,955
Delaware	42,632	7,888	7,395	2,572	1,768	1,434	5,851	1,424	11,106	3,194
District of Columbia	175,363	1,774	37,130	3,775	4,561	828	82,213	7,466	11,359	26,257
Florida	317,244	22,024	39,291	5,063	14,617	2,173	131,576	22,863	64,165	15,472
Georgia	324,462	28,383	82,375	3,626	13,007	3,378	130,685	14,504	36,611	11,893
Hawaii	70,073	11,643	2,894	633	2,810	192	17,155	7,708	17,444	9,594
Idaho	18,838	7,887	1,544	672	1,298	266	1,345	396	3,285	2,145
Illinois	1,075,285	23,485	52,699	9,162	578,120	1,527	264,876	12,133	124,322	8,961
Indiana	209,979	22,549	17,198	1,373	18,180	1,420	94,404	3,522	48,385	2,948
Iowa	195,030	26,080	5,162	896	32,346	4,205	92,384	8,091	19,540	6,326
Kansas	80,368	13,137	3,446	5,605	6,328	1,516	33,942	2,190	13,311	893
Kentucky	88,395	23,299	3,506	1,408	5,488	381	43,680	1,144	9,032	457
Louisiana	148,158	20,089	26,667	1,325	15,231	1,260	57,870	4,890	14,366	6,460
Maine	17,013	7,204	1,314	236	511	277	872	116	3,726	2,757
Maryland	938,400	15,993	375,385	3,670	15,627	4,029	362,325	84,121	52,343	24,907
Massachusetts	1,187,272	10,309	411,724	4,496	86,732	6,347	421,414	56,712	162,272	27,266
Michigan	454,959	23,757	40,888	3,477	14,446	5,207	253,966	17,111	82,381	13,726
Minnesota	225,288	19,735	13,842	2,730	6,127	2,551	134,473	2,878	37,490	5,462
Mississippi	74,365	33,220	7,060	1,545	3,671	776	12,627	2,471	8,568	4,427
Missouri	293,247	26,888	9,291	3,514	5,584	392	218,661	4,638	22,500	1,779
Montana	38,938	8,914	4,528	2,048	1,591	508	5,165	2,202	12,888	1,094
Nebraska	65,110	15,974	3,393	706	897	24	22,531	1,352	14,538	5,695
Nevada	27,301	3,232	1,332	198	3,908	1,004	6,497	922	7,666	2,542
New Hampshire	77,345	4,104	3,375	459	1,142	356	39,056	12,957	12,446	3,450
New Jersey	285,297	11,268	25,827	1,073	75,165	4,045	95,162	8,064	54,410	10,283
New Mexico	678,817	9,454	45,516	3,284	555,757	395	24,077	23,136	14,928	2,270
New York	1,463,124	26,916	62,246	10,149	378,262	3,565	720,571	23,153	220,194	18,068
North Carolina	543,479	36,996	34,707	8,340	11,556	7,231	361,143	8,146	51,803	23,557
North Dakota	39,418	9,942	2,781	1,067	14,842	492	3,765	944	4,497	1,088
Ohio	400,015	22,127	53,047	3,843	9,183	3,862	234,896	15,802	47,300	9,955
Oklahoma	79,505	17,842	5,395	1,667	3,087	1,168	22,899	8,351	14,543	4,553
Oregon	173,839	21,584	14,527	6,153	9,704	4,464	70,470	4,689	29,993	12,255
Pennsylvania	895,194	24,754	166,944	8,168	45,040	3,602	502,846	15,917	121,083	6,840
Rhode Island	74,012	7,379	12,190	0	3,069	275	24,751	2,358	16,390	7,600
South Carolina	111,858	16,260	17,010	1,357	24,071	299	34,920	2,269	11,256	4,416
South Dakota	19,334	9,910	967	328	0	0	926	1,368	5,384	451
Tennessee	207,613	25,466	12,290	2,442	7,512	1,069	134,230	6,360	14,847	3,397
Texas	772,016	39,769	90,591	7,835	25,241	2,779	465,015	35,699	91,032	14,055
Utah	136,090	7,331	25,351	2,251	7,005	509	66,192	4,630	21,557	1,264
Vermont	44,143	9,325	1,419	1,802	1,023	74	25,809	470	3,622	599
Virginia	328,581	20,692	23,115	4,467	88,957	1,044	116,181	20,056	40,999	13,070
Washington	393,809	21,250	36,798	3,182	22,859	2,218	228,671	10,025	55,561	13,245
West Virginia	84,002	8,139	7,823	855	2,076	4,794	8,016	18,119	34,080	100
Wisconsin	297,040	19,942	14,841	7,477	18,538	1,369	162,865	12,283	50,537	9,188
Wyoming	17,259	4,188	2,435	236	341	154	908	697	7,419	881
Outlying areas	73,615	20,351	3,822	1,613	1,049	424	24,270	3,154	18,170	762
American Samoa	1,173	1,029	0	94	50	0	0	0	0	0
Guam	3,696	2,289	200	102	0	354	553	0	158	40
Puerto Rico	64,010	12,351	3,622	1,417	999	70	23,717	3,154	17,978	702
Trust Territory of the Pacific	2,731	2,731	0	0	0	0	0	0	0	0
Virgin Islands	2,005	1,951	0	0	0	0	0	0	34	20

¹ Dollars reflect actual obligations during the fiscal year regardless of when the funds were actually spent by a recipient institution. Data include obligations to federally funded research and development centers administered by colleges and universities.

² Includes U.S. Department of Commerce, U.S. Department of Housing and Urban Development, U.S. Department of the Interior, Agency for International Development, U.S.

Department of Labor, U.S. Department of Transportation, and Nuclear Regulatory Commission.

SOURCE: National Science Foundation, *Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1996*. (This table was prepared May 1998.)

**Table 369.—Summary of federal funds for research, development, and R&D plant:
Fiscal years 1990 to 1998**
[In millions]

Item	Actual							Estimate		
	1990	1991	1992	1993	1994	1995	1996	1997	1998	Percent change, 1997 to 1998
1	2	3	4	5	6	7	8	9	10	11
Total outlays for research, development, and R & D plant	\$64,276.5	\$64,292.3	\$65,719.0	\$68,385.8	\$68,335.9	\$68,410.0	\$67,756.1	\$70,023.0	\$69,499.9	-0.7
Research and development	62,246.8	61,130.4	62,934.5	65,241.3	66,158.8	66,374.6	65,909.9	68,057.5	67,585.1	-0.7
R & D plant	2,029.7	3,162.0	2,784.5	3,144.5	2,177.1	2,035.4	1,846.2	1,965.5	1,914.8	-2.6
Total obligations for research, development, and R & D plant	65,950.9	64,990.5	68,577.2	70,414.7	69,427.0	71,011.8	69,408.7	71,996.1	71,592.7	-0.6
Research and development obligations	63,667.3	61,295.2	65,592.6	67,314.0	67,255.8	68,754.9	67,662.6	69,972.9	69,838.4	-0.2
Performers										
Federal intramural ¹	16,002.5	15,238.1	15,690.1	16,556.2	16,139.1	17,342.7	16,596.4	17,438.4	16,806.5	-3.6
Industrial firms	29,378.3	26,420.6	29,744.8	30,326.1	30,454.4	30,468.7	30,361.4	31,519.7	31,727.2	0.7
FFRDCs ² administered by industrial firms	2,237.6	2,068.3	2,009.8	1,451.3	1,293.5	1,203.9	1,137.0	1,111.3	1,190.7	7.1
Universities and colleges	9,142.2	10,168.5	10,271.2	11,156.1	11,828.7	11,933.0	11,944.7	12,340.6	12,515.0	1.4
FFRDCs ² administered by universities and colleges	3,466.4	3,603.8	3,855.5	3,666.5	3,292.9	3,574.3	3,447.7	3,369.7	3,347.2	-0.7
Other nonprofit institutions	2,249.6	2,637.4	2,803.6	2,811.9	2,929.6	2,806.5	2,886.9	2,938.1	3,033.1	3.2
FFRDCs ² administered by nonprofit institutions	632.3	679.4	745.6	753.4	735.5	831.4	754.5	732.1	746.2	1.9
State and local governments	213.9	215.1	184.1	320.3	325.4	316.5	246.7	245.2	194.7	-20.6
Foreign	344.7	263.9	287.9	272.2	256.6	277.8	287.4	277.7	277.8	0.0
Research obligations	21,738.9	23,968.4	24,490.6	26,890.5	27,440.4	28,573.4	28,265.1	29,485.2	30,218.6	2.5
Performers										
Federal intramural ¹	5,953.3	6,539.3	6,615.7	7,360.1	7,488.2	7,787.8	7,528.2	7,889.7	8,017.3	1.6
Industrial firms	3,199.9	3,406.5	3,451.2	4,018.9	4,063.5	4,727.9	4,291.3	4,601.6	4,760.6	3.5
FFRDCs ² administered by industrial firms	542.7	624.6	592.4	795.8	737.2	818.0	696.2	722.5	751.3	4.0
Universities and colleges	8,141.5	8,867.5	9,060.7	9,844.1	10,323.5	10,371.6	10,673.7	11,120.2	11,327.5	1.9
FFRDCs ² administered by universities and colleges	1,808.1	2,160.9	2,351.8	2,347.6	2,181.1	2,235.6	2,386.0	2,404.7	2,506.0	4.2
Other nonprofit institutions	1,662.2	1,925.9	2,049.6	2,041.3	2,094.9	2,056.1	2,179.5	2,242.4	2,345.6	4.6
FFRDCs ² administered by nonprofit institutions	148.2	170.9	139.9	173.4	178.0	210.1	195.8	211.2	224.3	6.2
State and local governments	126.4	129.3	109.3	211.8	230.8	221.4	187.4	171.7	163.2	-4.9
Foreign	156.5	143.4	120.0	97.4	143.3	144.8	126.8	122.8	122.7	-0.1
Fields of science										
Life sciences	8,837.8	9,622.0	9,910.5	10,772.1	11,078.8	11,979.0	12,099.7	12,805.0	13,008.5	1.6
Psychology	448.6	482.4	298.1	550.7	550.2	653.6	513.0	544.4	544.9	0.1
Physical sciences	3,808.7	4,235.3	4,439.2	4,427.0	6,792.7	4,851.2	3,964.4	4,277.7	4,100.1	-4.2
Environmental sciences	2,174.1	2,149.8	2,207.6	2,608.5	2,032.0	2,722.9	2,997.0	3,010.6	3,129.2	3.9
Mathematics and computer sciences	840.7	903.7	1,150.3	1,225.4	1,242.3	1,667.9	1,554.1	1,675.6	1,959.5	16.9
Engineering	4,335.2	4,944.5	4,977.0	5,499.4	4,023.3	4,952.7	5,679.6	5,565.3	5,830.4	4.8
Social sciences	630.0	727.3	689.7	674.9	655.0	682.9	674.2	749.1	786.9	5.1
Other sciences	663.7	903.4	806.3	1,132.5	1,066.1	1,063.2	783.0	857.4	859.1	0.2
Basic research obligations	11,285.6	12,170.8	12,489.9	13,399.1	13,552.9	13,895.5	14,462.4	14,958.7	15,204.7	1.6
Performers										
Federal intramural ¹	2,366.0	2,446.5	2,397.0	2,605.1	2,505.0	2,712.9	2,689.2	2,756.4	2,717.6	-1.4
Industrial firms	887.5	949.9	920.3	959.2	1,109.1	1,221.2	1,131.0	1,150.7	1,090.4	-5.2
FFRDCs ² administered by industrial firms	175.4	209.1	187.8	237.3	237.6	239.1	272.8	293.6	312.0	6.3
Universities and colleges	5,548.2	6,064.5	6,331.8	6,798.5	7,024.2	6,951.3	7,406.1	7,673.9	7,874.9	2.6
FFRDCs ² administered by universities and colleges	1,227.3	1,306.2	1,394.1	1,437.8	1,336.0	1,438.3	1,522.0	1,569.7	1,648.4	5.0
Other nonprofit institutions	924.1	1,015.5	1,097.2	1,164.9	1,125.7	1,134.2	1,235.2	1,303.0	1,330.8	2.1
FFRDCs ² administered by nonprofit institutions	59.2	80.8	65.5	71.3	73.9	75.2	76.5	83.0	103.8	25.0
State and local governments	50.4	49.1	42.4	71.7	75.2	78.7	80.2	78.1	75.6	-3.3
Foreign	47.6	49.1	53.8	53.3	66.1	44.5	49.5	50.3	51.3	2.0
Fields of science										
Life sciences	5,177.5	5,433.6	5,841.7	6,288.8	6,429.8	6,746.7	6,911.0	7,315.2	7,393.9	1.1
Psychology	215.1	225.5	122.6	246.8	247.4	279.8	281.5	298.2	302.0	1.3
Physical sciences	2,661.5	2,881.5	2,951.4	2,907.1	3,649.2	2,709.3	2,901.7	3,115.0	2,962.4	-4.9
Environmental sciences	1,274.8	1,263.5	1,303.6	1,533.5	997.2	1,410.7	1,531.2	1,514.8	1,507.9	-0.5
Mathematics and computer sciences	406.9	426.1	481.4	511.3	503.6	626.1	622.0	733.5	760.7	3.7
Engineering	1,101.5	1,233.7	1,249.8	1,207.4	1,061.7	1,432.2	1,606.6	1,338.8	1,612.5	20.4
Social sciences	146.0	161.4	139.9	194.1	191.7	210.8	230.0	237.5	252.4	6.3
Other sciences	302.3	545.6	399.4	510.1	472.4	479.9	378.3	405.7	412.9	1.8
Applied research obligations	10,453.3	11,797.6	12,000.7	13,491.4	13,887.5	14,677.9	13,802.7	14,526.5	15,013.9	3.4
Performers										
Federal intramural ¹	3,587.3	4,092.8	4,218.7	4,755.0	4,983.2	5,074.9	4,839.0	5,131.4	5,299.7	3.3
Industrial firms	2,312.4	2,456.6	2,530.9	3,059.7	2,954.4	3,506.7	3,160.3	3,451.0	3,670.2	6.4
FFRDCs ² administered by industrial firms	367.3	415.5	404.6	558.6	499.6	578.9	423.4	428.9	439.3	2.4
Universities and colleges	2,593.4	2,803.0	2,728.9	3,045.5	3,299.3	3,420.3	3,267.6	3,446.4	3,452.6	0.2
FFRDCs ² administered by universities and colleges	580.8	854.7	957.6	909.8	845.1	797.3	864.0	835.0	857.6	2.7
Other nonprofit institutions	738.1	910.4	952.5	876.4	969.2	921.9	944.3	939.4	1,014.8	8.0
FFRDCs ² administered by nonprofit institutions	89.0	90.1	74.5	102.2	104.0	134.9	119.4	128.2	120.6	-6.0
State and local governments	76.1	80.2	66.9	140.1	155.5	142.7	107.3	93.6	87.7	-6.3
Foreign	109.0	94.3	66.2	44.1	77.2	100.3	77.4	72.5	71.4	-1.5
Fields of science										
Life sciences	3,660.3	4,188.4	4,068.8	4,483.3	4,649.0	5,232.3	5,188.7	5,489.8	5,614.6	2.3
Psychology	233.5	258.9	175.6	303.9	302.9	373.9	231.5	246.2	242.9	-1.3
Physical sciences	1,147.2	1,353.9	1,467.7	1,519.8	3,143.5	2,141.9	1,062.7	1,162.7	1,137.6	-2.2
Environmental sciences	899.3	886.3	904.0	1,075.0	1,034.8	1,312.3	1,465.8	1,495.8	1,621.3	8.4
Mathematics and computer sciences	433.9	477.6	678.9	714.1	738.7	1,041.7	932.1	942.2	1,198.8	27.2
Engineering	3,233.7	3,710.8	3,727.1	4,292.0	2,961.6	3,520.5	4,073.0	4,226.4	4,217.9	-0.2

**Table 369.—Summary of federal funds for research, development, and R&D plant:
Fiscal years 1990 to 1998—Continued**
[In millions]

Item	Actual							Estimate		
	1990	1991	1992	1993	1994	1995	1996	1997	1998	Percent change, 1997 to 1998
1	2	3	4	5	6	7	8	9	10	11
Social sciences	484.0	566.0	549.8	480.8	463.3	472.0	444.2	511.6	534.5	4.5
Other sciences	361.5	357.8	406.8	622.4	593.8	583.3	404.7	451.7	446.1	-1.2
Development obligations	41,928.4	37,326.8	41,102.0	40,423.5	39,815.4	40,181.4	39,397.5	40,487.7	39,619.8	-2.1
Performers										
Federal intramural ¹	10,049.2	8,698.8	9,074.4	9,196.2	8,650.9	9,554.9	9,068.1	9,550.5	8,789.1	-8.0
Industrial firms	26,178.4	23,014.1	26,293.6	26,307.2	26,390.9	25,740.7	26,070.1	26,918.1	26,966.6	0.2
FFRDCs ² administered by industrial firms	1,694.9	1,443.7	1,417.4	655.5	556.3	385.9	440.7	388.9	439.4	13.0
Universities and colleges	1,000.5	1,301.0	1,210.6	1,312.0	1,505.2	1,561.4	1,271.0	1,220.4	1,187.5	-2.7
FFRDCs ² administered by universities and colleges	1,658.3	1,442.9	1,503.7	1,318.9	1,111.8	1,338.7	1,061.6	965.0	841.2	-12.8
Other nonprofit institutions	587.4	711.5	753.9	770.6	834.8	750.4	707.4	695.7	687.5	-1.2
FFRDCs ² administered by nonprofit institutions	484.0	508.5	605.7	580.0	557.6	621.3	558.7	520.8	521.9	0.2
State and local governments	87.5	85.8	74.8	108.5	94.7	95.1	59.3	73.5	31.5	-57.2
Foreign	188.1	120.5	167.9	174.8	113.3	133.0	160.5	154.8	155.1	0.2
R & D plant obligations	2,283.6	3,695.4	2,984.6	3,100.7	2,171.2	2,256.9	1,746.1	2,023.3	1,754.3	-13.3
Performers										
Federal intramural ¹	359.9	461.1	506.2	432.0	392.6	482.6	405.1	678.4	508.5	-25.0
Industrial firms	884.0	1,889.2	1,014.4	1,048.2	746.8	696.6	465.4	464.8	372.9	-19.8
FFRDCs ² administered by industrial firms	231.0	279.6	202.2	124.4	119.4	95.1	43.9	54.9	53.5	-2.5
Universities and colleges	155.8	253.3	241.5	361.4	209.0	323.8	243.1	187.1	120.3	-35.7
FFRDCs ² administered by universities and colleges	495.8	624.6	579.5	619.5	608.8	543.9	497.8	564.0	671.3	19.0
Other nonprofit institutions	121.3	154.6	393.9	415.6	20.9	25.6	23.4	15.6	6.7	-57.2
FFRDCs ² administered by nonprofit institutions	31.4	19.7	46.3	65.5	72.9	62.6	66.1	57.9	20.6	-64.5
State and local governments	0.5	0.6	0.5	0.5	0.8	0.5	1.0	0.5	0.5	0.0
Foreign	3.9	12.8	0.0	33.4	0.2	26.1	0.5	0.0	0.0	0.0

¹ Includes costs associated with the administration of intramural and extramural programs by federal personnel as well as actual intramural performance.
² Federally funded research and development centers.

NOTE.—Some data have been revised from previously published figures. Because of rounding, details may not add to totals.

SOURCE: National Science Foundation, *Federal Funds for Research and Development*, various years. (This table was prepared May 1998.)

**Table 370.—Federal obligations to colleges and universities for research and development, by field:
United States and outlying areas, 1980 to 1995**

Field of science or engineering	1980	1981	1986	1988	1989	1990 ¹	1991 ¹	1992 ¹	1993 ¹	1994 ¹	1995 ¹
1	2	3	4	5	6	7	8	9	10	11	12
Total, all fields	\$4,160,543	\$4,410,931	\$6,456,743	\$7,719,237	\$8,525,212	\$9,009,235	\$10,031,252	\$10,851,509	\$10,951,143	\$11,811,097	\$12,081,192
Engineering, total	612,456	792,223	998,312	1,129,303	1,157,047	474,709	543,530	587,404	683,676	706,452	287,098
Aeronautical	28,044	31,056	42,257	47,946	66,096	45,965	44,207	48,539	50,114	82,826	63,166
Astronautical	4,634	4,875	24,147	32,516	42,276	11,803	20,977	21,407	13,402	16,071	14,555
Chemical	22,210	27,667	50,379	67,647	45,829	56,845	67,968	63,900	67,234	58,293	5,610
Civil	48,130	58,300	35,402	30,947	43,026	37,306	34,064	30,756	44,252	68,240	39,364
Electrical	86,916	115,011	212,175	251,336	240,638	53,162	60,299	68,416	69,045	74,686	8,074
Mechanical	42,593	37,954	56,416	60,551	71,137	52,652	54,674	60,748	67,471	52,118	13,206
Metallurgy and materials	63,057	52,815	101,457	121,228	146,253	81,678	91,686	76,926	180,553	164,272	23,230
Engineering, other	316,872	464,545	476,079	517,132	501,792	135,298	169,655	216,712	191,605	189,946	119,893
All sciences, total	3,548,087	3,618,708	5,458,431	6,589,934	7,368,165	8,534,526	9,487,722	10,264,175	10,267,433	11,104,608	11,793,855
Physical sciences	507,884	500,657	770,254	859,764	980,297	891,596	1,022,807	1,136,460	1,024,928	1,138,746	1,009,330
Astronomy	52,736	54,835	78,435	89,791	103,271	98,804	115,212	149,417	139,579	214,549	132,640
Chemistry	170,048	165,189	255,593	281,573	299,417	272,929	295,576	325,224	321,105	324,213	134,622
Physics	249,661	250,342	379,289	426,005	506,983	454,690	518,840	546,081	513,084	542,800	698,846
Physical sciences, other	35,439	30,291	56,937	62,395	70,626	65,173	93,179	115,738	51,160	57,184	43,222
Mathematical sciences	53,987	53,668	96,405	119,217	134,998	109,587	125,893	140,544	131,875	77,337	21,856
Computer sciences	37,585	37,493	82,691	84,424	123,197	99,214	113,545	124,962	137,893	159,963	38,369
Environmental sciences	379,453	330,079	468,882	474,695	555,679	522,767	572,778	623,757	653,092	786,446	351,675
Atmospheric sciences	86,486	95,112	124,657	132,379	131,959	139,914	149,426	171,557	162,385	235,810	81,960
Geological sciences	109,523	101,207	118,401	131,913	152,449	147,517	173,492	149,913	163,011	186,542	30,552
Oceanography	92,079	91,863	121,855	129,473	163,035	117,636	94,448	107,897	103,472	116,367	43,424
Environmental sciences, other	91,365	41,897	103,969	80,930	108,236	117,700	155,412	194,390	224,224	247,727	195,739
Life sciences	2,137,751	2,290,587	3,463,114	4,349,268	4,730,663	4,773,434	5,319,947	5,633,514	5,572,481	6,313,516	5,915,567
Agricultural sciences	111,739	134,660	143,249	155,772	180,908	181,453	193,763	211,936	190,033	183,944	192,635
Biological sciences	1,085,602	1,192,756	1,849,516	2,345,433	2,558,987	2,578,470	2,820,183	2,950,701	2,931,726	3,191,651	2,935,783
Environmental biology	13,137	14,636	86,088	97,126	108,584	104,053	124,218	130,633	109,351	171,332	96,164
Medical sciences	885,898	904,963	1,325,157	1,689,606	1,829,888	1,853,979	2,102,127	2,252,375	2,253,419	2,689,279	2,598,691
Life sciences, other	41,375	43,572	59,104	61,331	52,296	55,479	79,656	87,869	87,952	77,310	92,294
Psychological sciences	86,459	87,734	138,338	186,924	209,344	225,987	258,886	254,311	277,667	318,832	298,545
Biological aspects	28,269	26,273	39,049	53,287	66,959	71,705	80,438	75,307	8,542	3,792	1,390
Social aspects	31,129	28,846	38,589	52,113	59,502	66,960	82,257	75,285	4,754	7,357	3,519
Psychological sciences, other	27,061	32,615	60,700	81,524	82,883	87,322	96,191	103,719	264,371	307,683	293,636
Social sciences	203,948	197,695	172,148	184,539	218,404	250,366	303,798	301,056	267,080	279,575	228,978
Anthropology	7,757	5,543	6,455	5,972	7,054	7,061	8,768	9,015	8,474	8,115	1,297
Economics	51,414	56,704	43,764	48,039	51,806	58,441	60,142	70,582	68,102	60,478	62,295
History	1,688	1,069	1,508	1,527	1,665	1,890	2,116	2,166	2,014	0	0
Linguistics	2,997	2,745	2,481	3,248	3,402	3,055	3,383	3,684	3,554	0	100
Political science	5,890	5,122	5,003	5,926	6,988	7,415	8,287	8,894	7,687	6,625	2,067
Sociology	34,903	38,136	34,580	55,204	75,404	96,240	113,829	104,430	35,666	30,602	11,066
Social sciences, other	99,299	88,376	78,357	64,623	72,085	76,264	107,273	102,285	141,583	173,755	152,153
Other sciences	141,020	120,795	266,599	331,103	415,583	1,661,575	1,770,068	2,049,571	2,202,417	2,030,193	3,929,535
Residual amounts	0	0	0	0	0	0	0	-70	34	37	239

¹ All U.S. Department of Defense data are reported as other sciences.

SOURCE: National Science Foundation, Science Resources Studies Division, unpublished data. (This table was prepared May 1998.)

NOTE.—Some data have been revised from previously published figures. Fields of science and engineering are no longer reported as of fiscal year 1996.

Table 371.—U.S. Department of Agriculture obligations for child nutrition programs, by state or other area: Fiscal years 1996 and 1997

[In thousands]

State or other area	Total, fiscal year 1996	Fiscal year 1997								
		Total	Special milk	School lunch ¹	School breakfast	State administrative expenses	Commodities and cash in lieu of commodities ²	Child and adult care	Summer food service	Nutrition education and training
1	2	3	4	5	6	7	8	9	10	11
Total	\$8,527,590	\$8,980,908	\$18,008	\$5,032,061	\$1,212,745	\$104,079	\$743,017	\$1,608,801	\$258,456	\$3,741
Alabama	162,114	173,635	42	99,921	22,334	2,018	15,525	27,937	5,791	67
Alaska	22,384	23,034	3	14,110	2,039	417	1,021	5,365	13	67
Arizona	152,469	160,756	175	88,352	22,917	1,912	11,375	32,178	3,780	67
Arkansas	100,111	102,716	35	57,434	17,669	1,299	9,111	15,103	1,999	67
California	1,069,307	1,129,777	833	660,923	174,666	12,423	74,571	182,270	24,023	67
Colorado	89,243	91,754	144	47,550	7,744	1,341	8,788	24,456	1,663	67
Connecticut	65,571	68,093	503	38,446	8,863	876	5,658	11,433	2,248	67
Delaware	23,224	25,591	50	10,467	2,777	451	2,344	8,493	942	67
District of Columbia	23,245	22,694	12	13,542	3,213	368	1,252	2,924	1,316	67
Florida	433,007	472,852	166	288,338	72,451	4,663	34,415	50,465	22,287	67
Georgia	289,944	320,047	41	181,186	57,595	3,108	29,095	41,479	7,477	67
Hawaii	35,625	38,368	8	23,527	5,263	507	4,259	4,419	318	67
Idaho	32,386	33,821	216	20,926	3,289	484	3,752	4,206	882	67
Illinois	313,903	334,452	2,769	194,736	30,868	3,740	28,627	58,725	14,919	67
Indiana	126,965	134,757	347	75,590	15,865	1,629	17,444	22,242	1,574	67
Iowa	77,341	78,346	167	43,465	7,213	1,065	9,953	15,717	698	67
Kansas	91,049	92,226	149	42,164	9,450	1,445	7,500	30,542	909	67
Kentucky	143,730	145,383	109	85,250	27,425	1,639	14,246	13,546	3,101	67
Louisiana	239,544	241,719	56	132,446	40,111	2,996	17,106	42,809	6,128	67
Maine	34,389	34,963	122	16,685	3,250	594	2,644	10,833	767	67
Maryland	120,036	127,386	435	67,123	14,596	1,684	10,516	30,127	2,839	67
Massachusetts	145,662	148,911	535	73,729	17,116	1,942	13,374	38,231	3,916	67
Michigan	223,117	231,960	957	123,346	27,614	2,865	22,306	51,224	3,582	67
Minnesota	153,856	157,173	1,094	62,579	11,467	2,546	15,154	61,405	2,862	67
Mississippi	152,096	158,118	9	92,222	29,613	1,850	11,303	19,622	3,432	67
Missouri	148,921	162,424	462	86,798	23,020	1,942	16,561	29,233	4,341	67
Montana	27,096	27,484	48	13,387	2,494	487	2,338	8,245	417	67
Nebraska	60,179	61,420	223	26,443	3,966	1,054	5,455	23,596	615	67
Nevada	31,112	34,911	149	20,491	5,530	421	3,321	3,344	1,587	67
New Hampshire	19,190	19,304	234	10,624	1,976	332	2,903	2,849	319	67
New Jersey	159,973	166,617	991	101,998	14,260	1,865	15,207	25,694	6,536	67
New Mexico	94,822	97,302	5	43,073	11,817	1,422	4,961	30,398	5,559	67
New York	599,469	647,236	1,199	368,219	85,357	6,701	48,234	97,823	39,637	67
North Carolina	231,740	255,432	148	140,685	41,289	2,835	23,347	43,618	3,444	67
North Dakota	25,613	25,142	70	9,739	1,439	536	2,518	10,508	266	67
Ohio	246,381	258,079	944	144,691	30,239	3,095	29,049	45,949	4,045	67
Oklahoma	122,854	126,341	87	67,842	19,566	1,666	9,092	26,009	2,012	67
Oregon	88,585	92,504	199	42,552	12,357	1,321	6,821	27,977	1,211	67
Pennsylvania	251,751	268,039	866	156,703	30,187	2,880	29,220	33,739	14,376	67
Rhode Island	21,961	23,161	125	14,018	1,977	342	2,063	3,321	1,246	67
South Carolina	148,417	156,390	29	88,422	28,249	1,665	12,346	18,334	7,279	67
South Dakota	29,023	28,311	48	14,821	2,619	484	2,796	6,705	772	67
Tennessee	164,136	176,847	40	99,282	27,334	2,006	16,954	26,800	4,364	67
Texas	776,792	821,197	113	484,339	137,657	8,940	64,264	106,880	18,936	67
Utah	73,697	78,243	76	34,898	4,602	1,204	7,030	28,433	1,932	67
Vermont	15,150	15,737	98	7,143	1,706	350	1,587	4,528	258	67
Virginia	152,677	164,514	341	96,341	23,623	1,242	16,517	24,109	2,274	67
Washington	140,536	146,789	285	76,972	18,353	1,933	12,270	34,132	2,778	67
West Virginia	59,791	64,961	32	35,438	12,601	819	5,077	9,378	1,549	67
Wisconsin	115,045	113,994	1,645	65,032	7,001	1,485	11,590	25,146	2,029	67
Wyoming	15,382	15,601	15	7,619	1,273	347	1,523	4,696	62	67
Administrative costs	6,396	5,643	0	0	0	0	5,643	0	0	0
Department of Defense dependents schools	5,566	5,893	0	5,485	3	0	405	0	0	0
Outlying areas										
American Samoa	63	67	0	0	0	0	0	0	0	67
Guam	4,769	4,711	0	2,824	909	230	441	240	0	67
Northern Marianas	63	67	0	0	0	0	0	0	0	67
Puerto Rico	165,018	158,057	0	104,721	23,977	1,688	9,351	14,952	3,301	67
Trust Territory of the Pacific	57	46	0	0	0	0	45	0	0	1
Virgin Islands	5,583	6,335	4	4,312	175	239	438	696	403	67
Undistributed ³	199,464	203,576	554	103,087	1,781	686	2,309	85,723	9,445	-9

¹ Special Meal Assistance program is combined with "School Lunch" program.

² Commodities are based on preliminary food orders for fiscal year 1997.

³ Undistributed amount reflects the difference between preliminary state earnings reports and federal obligations as of September 30, 1997.

SOURCE: U.S. Department of Agriculture, Food and Nutrition Service, Budget Division, unpublished data. (This table was prepared January 1998.)

NOTE.—Data are based on obligations as reported September 30, 1997. Negative amounts occur when program receipts exceed the obligations. Because of rounding, details may not add to totals.

Table 372.—U.S. Department of Health and Human Services allocations for Head Start and enrollment in Head Start, by state or other area: Fiscal years 1994 to 1997

State or other area	1994		1995		1996		1997	
	Head Start allocations (in thousands)	Head Start enrollment ¹	Head Start allocations (in thousands)	Head Start enrollment ²	Head Start allocations (in thousands)	Head Start enrollment ³	Head Start allocations (in thousands)	Head Start enrollment ⁴
1	2	3	4	5	6	7	8	9
Total	\$3,215,946	740,493	\$3,402,947	750,696	\$3,438,268	752,077	\$3,876,707	793,809
Alabama	54,282	14,525	57,542	14,552	58,265	14,429	65,970	14,979
Alaska	6,295	1,209	6,534	1,209	6,748	1,299	7,581	1,212
Arizona	44,416	9,846	47,208	10,029	47,617	9,818	53,478	10,561
Arkansas	30,719	9,065	32,681	9,244	33,153	9,193	36,396	9,637
California	371,227	70,995	392,331	72,650	392,965	72,606	458,841	79,929
Colorado	31,787	8,118	35,757	8,576	36,364	8,647	40,902	8,952
Connecticut	26,061	5,660	27,022	5,625	27,382	5,567	32,985	6,190
Delaware	5,815	1,455	6,027	1,574	6,239	1,455	8,314	2,077
District of Columbia	12,854	2,841	14,329	2,913	14,530	3,339	17,361	3,273
Florida	118,976	27,398	125,508	27,623	127,325	27,535	144,663	29,523
Georgia	81,974	19,445	85,792	19,523	86,596	19,563	96,295	20,505
Hawaii	9,939	2,260	10,312	2,226	10,981	2,517	12,632	2,539
Idaho	9,574	1,912	10,009	1,841	10,043	1,869	12,529	2,213
Illinois	139,137	30,537	148,120	31,579	148,915	31,817	170,193	33,924
Indiana	46,558	11,730	48,871	11,739	49,804	11,847	55,293	12,415
Iowa	23,430	5,946	25,539	6,199	25,968	6,178	28,458	6,341
Kansas	22,095	5,793	24,772	6,158	25,129	6,074	28,815	6,355
Kentucky	54,364	14,071	58,383	14,267	58,935	14,447	65,587	14,828
Louisiana	75,876	19,344	78,691	19,344	79,596	19,344	87,261	19,998
Maine	12,610	3,439	13,118	3,439	13,734	10,816	15,536	3,392
Maryland	38,810	8,509	42,023	8,874	42,461	8,915	47,688	9,514
Massachusetts	57,264	10,794	61,129	10,990	61,742	3,466	68,913	11,499
Michigan	126,686	30,701	132,990	30,936	135,349	31,198	150,074	32,440
Minnesota	36,930	8,576	38,281	8,576	38,812	8,641	43,536	9,117
Mississippi	92,012	24,110	95,493	24,150	97,001	24,081	103,523	24,693
Missouri	55,979	14,063	58,752	14,064	59,241	14,035	66,763	14,899
Montana	9,563	2,304	9,772	2,304	10,048	2,304	11,500	2,510
Nebraska	14,342	3,644	15,456	3,764	15,890	3,800	19,037	4,088
Nevada	8,017	1,793	8,315	1,793	8,213	1,823	9,942	2,019
New Hampshire	5,699	1,156	6,379	1,232	6,558	1,235	7,430	1,267
New Jersey	71,189	12,898	74,610	13,016	75,151	13,085	82,650	13,746
New Mexico	24,241	6,397	27,269	6,821	27,731	6,587	33,971	7,187
New York	215,678	39,062	226,840	39,491	228,243	40,365	261,541	43,716
North Carolina	66,643	15,695	71,603	16,161	72,594	16,002	80,559	16,825
North Dakota	6,723	1,738	6,966	1,738	7,206	1,874	8,733	2,121
Ohio	133,913	33,919	139,497	34,215	141,607	33,919	155,354	35,441
Oklahoma	39,073	11,165	40,705	11,165	41,397	11,165	45,865	11,631
Oregon	27,080	4,638	29,086	4,698	29,460	4,695	34,466	5,222
Pennsylvania	119,354	25,672	126,251	26,149	127,086	26,198	142,973	27,515
Rhode Island	10,060	2,476	10,453	2,434	10,549	2,567	13,135	2,676
South Carolina	40,772	10,142	44,021	10,415	44,540	10,164	51,714	10,822
South Dakota	7,985	2,025	8,258	2,025	8,480	2,258	10,139	2,374
Tennessee	58,610	14,380	61,630	14,213	62,163	14,291	69,365	14,553
Texas	213,394	51,521	223,309	51,925	224,923	52,107	253,186	54,624
Utah	15,832	4,028	18,145	4,334	18,219	4,201	20,132	4,419
Vermont	5,957	1,271	7,636	1,486	7,811	1,531	8,433	1,379
Virginia	46,411	10,993	48,896	11,147	49,706	11,028	54,571	11,480
Washington	45,968	8,260	53,385	8,803	52,311	8,878	59,644	9,387
West Virginia	26,014	6,402	27,626	6,522	28,125	6,515	31,064	6,858
Wisconsin	49,461	11,953	52,633	12,171	54,013	12,283	58,550	12,556
Wyoming	4,925	1,323	5,099	1,313	5,195	1,279	5,814	1,395
Migrant programs	130,409	35,063	138,802	35,243	139,438	35,117	153,788	36,458
American Indian/Alaskan								
Native programs	90,793	18,738	95,130	18,821	96,836	19,071	113,920	21,019
Special projects	76	—	—	—	—	—	—	—
Outlying areas								
Puerto Rico	127,066	32,145	132,423	32,118	134,072	31,744	143,121	32,221
Pacific Territories	9,019	5,849	9,309	5,849	9,541	5,849	9,963	5,849
Virgin Islands	6,009	1,501	6,228	1,430	6,267	1,446	6,560	1,446

¹The distribution of enrollment by age was: 6 percent were 5 years old and over; 64 percent were 4-year-olds; 27 percent were 3-year-olds; and 3 percent were under 3 years of age. Handicapped children accounted for 13.0 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 4 percent; Hispanic, 24 percent; black, 36 percent; white, 33 percent; and Asian, 3 percent.

²The distribution of enrollment by age was: 7 percent were 5 years old and over; 61 percent were 4-year-olds; 28 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13.1 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 4 percent; Hispanic, 25 percent; black, 36 percent; white, 33 percent; and Asian, 3 percent.

³The distribution of enrollment by age was: 6 percent were 5 years old and over; 62 percent were 4-year-olds; 29 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 12.8 percent in Head Start programs.

The racial/ethnic composition was: American Indian/Alaskan Native, 3.5 percent; Hispanic, 25.2 percent; black, 36 percent; white, 32.3 percent; and Asian, 3 percent.

⁴The distribution of enrollment by age was: 6 percent were 5 years old and over; 60 percent were 4-year-olds; 30 percent were 3-year-olds; and 4 percent were under 3 years of age. Handicapped children accounted for 13 percent in Head Start programs. The racial/ethnic composition was: American Indian/Alaskan Native, 4 percent; Hispanic, 26 percent; black, 36 percent; white, 31 percent; and Asian, 3 percent.

—Not applicable.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Health and Human Services, Office of Human Development Services. (This table was prepared March 1998.)

Table 373.—Public school students receiving federally funded free or reduced price lunches, by selected school characteristics: School year 1993–94

School characteristics	Percent of students participating in program			
	Total	Elementary	Secondary	Combined ¹
1	2	3	4	5
Total	33.2 (0.5)	38.8 (0.7)	22.0 (0.4)	39.1 (1.7)
Community type				
Central city	44.9 (1.0)	52.1 (1.3)	28.9 (0.9)	52.2 (3.0)
Urban fringe/large town	23.5 (0.9)	28.3 (1.4)	14.6 (0.6)	23.9 (3.8)
Rural/small town	32.2 (0.6)	36.3 (0.8)	23.0 (0.4)	39.9 (1.9)
School size (students)				
Less than 150	38.6 (1.3)	38.4 (1.9)	35.8 (1.5)	50.2 (2.4)
150–299	38.1 (0.9)	39.5 (1.2)	28.4 (1.1)	51.8 (4.9)
300–499	37.0 (0.9)	38.8 (1.0)	26.2 (1.1)	37.3 (2.6)
500–749	33.5 (0.9)	36.0 (1.0)	22.3 (0.7)	34.7 (2.2)
750 or more	29.7 (0.9)	42.5 (1.8)	20.6 (0.5)	34.3 (3.2)
Minority students				
Less than 5%	22.0 (0.5)	24.4 (0.7)	17.0 (0.6)	28.6 (1.6)
5 to 19%	18.9 (0.5)	22.2 (0.8)	11.7 (0.4)	30.6 (2.3)
20 to 49%	32.0 (0.7)	38.1 (1.0)	20.1 (0.4)	38.6 (5.0)
50% or more	57.3 (1.1)	65.5 (1.2)	38.9 (1.0)	60.6 (3.2)

¹ Includes schools beginning with grade 6 or below and ending with grade 9 or above.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1998.)

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

Table 374.—Public and private school students receiving federally funded Chapter 1¹ services, by selected school characteristics: School year 1993–94

School characteristics	Percent of students participating in program								
	All schools	Public				Private			
		Total	Elementary	Secondary	Combined ²	Total	Elementary	Secondary	Combined ²
1	2	3	4	5	6	7	8	9	10
Total	13.1 (0.4)	14.3 (0.4)	18.5 (0.6)	6.1 (0.3)	13.6 (0.7)	3.3 (0.2)	4.6 (0.3)	1.9 (0.4)	1.4 (0.2)
Community type									
Central city	17.0 (0.7)	19.4 (0.8)	24.2 (1.2)	9.2 (1.0)	14.4 (2.3)	4.4 (0.4)	6.7 (0.6)	2.5 (0.7)	0.8 (0.2)
Urban fringe/large town	9.1 (0.7)	10.1 (0.8)	13.0 (1.2)	4.6 (0.6)	8.3 (1.3)	2.0 (0.2)	2.4 (0.3)	0.9 (0.3)	1.9 (0.6)
Rural/small town	13.2 (0.5)	13.7 (0.5)	18.2 (0.7)	5.2 (0.2)	14.9 (1.0)	3.0 (0.5)	4.0 (0.6)	2.3 (0.6)	1.8 (0.7)
School size (students)									
Less than 150	9.8 (0.6)	16.7 (0.9)	20.0 (1.3)	11.1 (0.9)	15.6 (1.4)	3.8 (0.5)	3.3 (0.5)	8.1 (3.0)	3.8 (0.9)
150–299	13.1 (0.6)	16.7 (0.8)	19.2 (1.0)	7.6 (0.8)	11.6 (1.7)	5.1 (0.4)	6.2 (0.5)	4.1 (1.9)	1.4 (0.5)
300–499	14.7 (0.6)	16.3 (0.6)	18.0 (0.7)	7.0 (0.9)	13.1 (1.0)	2.6 (0.4)	3.7 (0.7)	0.9 (0.2)	0.8 (0.2)
500–749	14.7 (0.6)	15.5 (0.7)	17.6 (0.9)	6.0 (0.7)	18.3 (2.4)	2.0 (0.6)	3.8 (1.3)	1.1 (0.3)	0.3 (0.2)
750 or more	11.3 (0.7)	11.7 (0.7)	20.1 (1.7)	5.8 (0.4)	11.4 (1.0)	1.3 (0.3)	4.5 (1.6)	0.8 (0.2)	0.4 (0.2)
Minority students									
Less than 5%	7.8 (0.2)	8.8 (0.2)	11.6 (0.3)	3.7 (0.3)	9.7 (0.6)	1.7 (0.1)	2.4 (0.2)	0.6 (0.2)	0.8 (0.3)
5 to 19%	6.0 (0.2)	6.6 (0.3)	8.6 (0.4)	2.3 (0.2)	14.2 (1.7)	2.1 (0.2)	3.0 (0.3)	1.6 (0.5)	0.9 (0.4)
20 to 49%	10.2 (0.7)	10.8 (0.7)	14.6 (1.1)	3.3 (0.2)	13.7 (1.5)	2.7 (0.4)	2.7 (0.6)	3.7 (1.2)	1.7 (0.5)
50% or more	27.8 (1.0)	29.0 (1.1)	35.8 (1.6)	14.9 (1.2)	18.2 (2.1)	10.0 (1.1)	12.4 (1.3)	2.5 (0.7)	5.2 (1.6)

¹ Chapter 1 was reauthorized under the Improving America's Schools Act (IASA) of 1994 and is now called Title I.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Schools and Staffing Survey, 1993–94." (This table was prepared June 1998.)

² Includes schools beginning with grade 6 or below and ending with grade 9 or above.

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

CHAPTER 5

Outcomes of Education

This chapter contains tables comparing educational attainment and work force characteristics. The data show labor force participation and income levels of high school dropouts and high school and college graduates. Population characteristics are provided for many of the measures to help evaluate disparities among various demographic groups. Tables 377 to 383 contain data from the U.S. Bureau of the Census on educational attainment and income of the labor force, and data from the Bureau of Labor Statistics on employment and unemployment. These tables provide information on the educational attainment of the labor force, by occupation, sex, and race/ethnicity; income, by level of education attained; and unemployment rates, by levels of education attained, sex, and race/ethnicity.

The second group of tables was compiled from Bureau of Labor Statistics data on high school dropouts and graduates. These data show the labor force participation and college enrollment of high school students within the year after they leave school. The tabulations also provide comparative labor force participation and unemployment rates for graduates and dropouts. Additional information on college enrollment rates by race/ethnicity and sex have been included to help form a more complete picture of high school outcomes. The third set of tables has been prepared from the Recent College Graduates and Baccalaureate and Beyond surveys from National Center for Education Statistics, and from a U.S. Bureau of the Census survey on earnings and education. These tables provide data on employment outcomes for college graduates. A table provides a salary comparison by field of college degree for the entire population. Trends in salaries received by college graduates also are featured in this section.

Statistics on educational attainment of the entire population are in chapter 1. More detailed data on the numbers of high school and college graduates are contained in chapters 2 and 3. Chapter 3 contains trend data on the proportion of high school graduates going to college. Additional data on the income of persons by educational attainment may be obtained from the U.S. Bureau of the Census in the *Current Population Reports*, Series P-60. The Bureau of Labor Statistics has a series of publications dealing with the educational characteristics of the

labor force. The last tables in the chapter deal with community service and literacy skills. Further information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Opinions

One life goal consistently rated "very important" by young men and women was "being successful in work." A survey of 1992 high school seniors found that 89 percent of the men and 90 percent of the women rated "being successful in work" as a "very important goal." Two of the other most highly rated goals in the 1992 survey were "finding steady work" ("very important" for 87 percent of men and 89 percent of women) and "having strong friendships" ("very important" for 80 percent of both men and women). Two years later in 1994, these values continued to be highly rated by the former high school seniors. Another value that was highly rated 2 years after high school was "Providing better opportunities for my children" which was cited by 91 percent of the young adults as "very important" (table 376).

Labor Force

Adults with higher levels of education were more likely to participate in the labor force than those with less education. About 79 percent of adults, 25 years old and over with a bachelor's degree, participated in the labor force in 1997 compared with 66 percent of persons who were high school graduates. In contrast, 39 percent of those 25 and older, who were not high school graduates, were in the labor force. The labor force participation rates for blacks age 25 and older with bachelor's degrees and high school diplomas were higher than the average for all people with similar levels of education (table 377).

Persons with lower levels of educational attainment were more likely to be unemployed than those who had higher levels of educational attainment. The 1997 unemployment rate for adults (25 years old and over) who had not completed high school was 8.1 percent compared with 4.3 percent for those with 4 years of high school and 2.0 percent for those with a bachelor's degree or higher. Younger people with high school diplomas tended to have higher unem-

ployment rates than persons 25 and over, even after allowing for level of educational attainment (table 379).

One year after graduating from college in 1992–93, 87 percent of those receiving bachelor’s degrees were employed (73 percent full time and 14 percent part time), 4.5 percent were unemployed, and 8.5 percent were not in the labor force (table 386).

Income

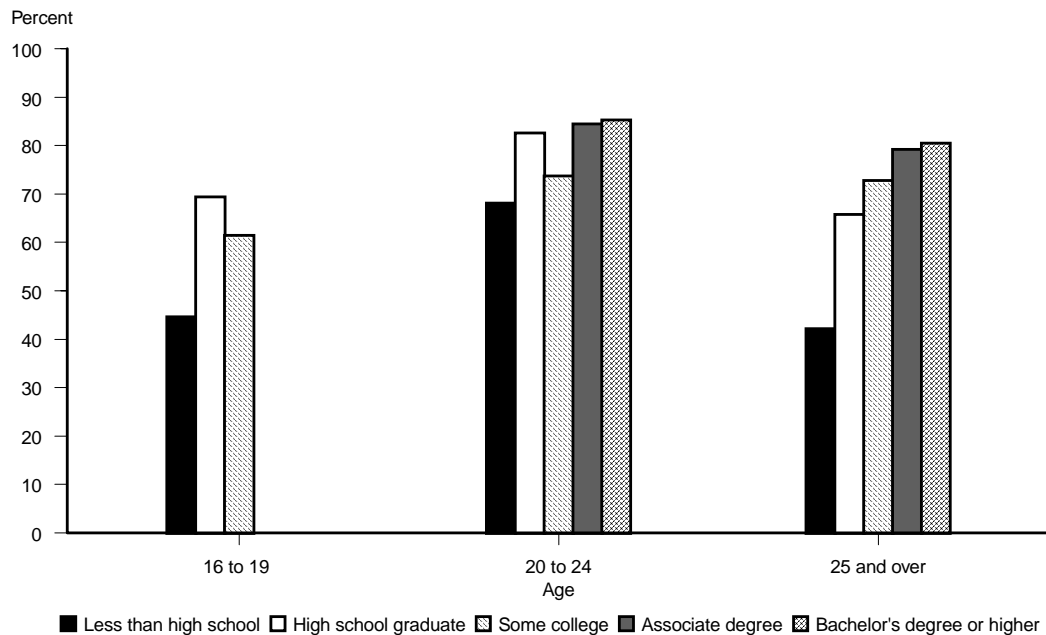
Between 1995 and 1997, median annual income of male full-time year-round workers, when adjusted for inflation, remained stable while the income for females rose by 3 percent. Women’s incomes remain much lower than men’s incomes, even after adjusting for level of education. The average 1997 incomes for full-time year-round workers with a bachelor’s degree were \$48,616 for men and \$35,379 for women (table 380).

Dropouts and Graduates

The difficulties in entering the job market for dropouts, and youth in general, are highlighted by examining their labor force and unemployment status. About 60 percent of 1996–97 dropouts were in the labor force (employed or looking for work), and 25 percent of those were unemployed. Of the 1997 high school graduates who were not in college, 81 percent were in the labor force, and 17 percent of those in the labor force were unemployed (tables 382 and 383).

About two-thirds of the employed college graduates of the class of 1992–93 had jobs in professional, managerial, and technical areas in 1994. The remainder were employed in nonprofessional, nonmanagerial, and nontechnical areas. Overall, about 56 percent of the employees reported that their bachelor’s degree was necessary to obtain their current job (table 386).

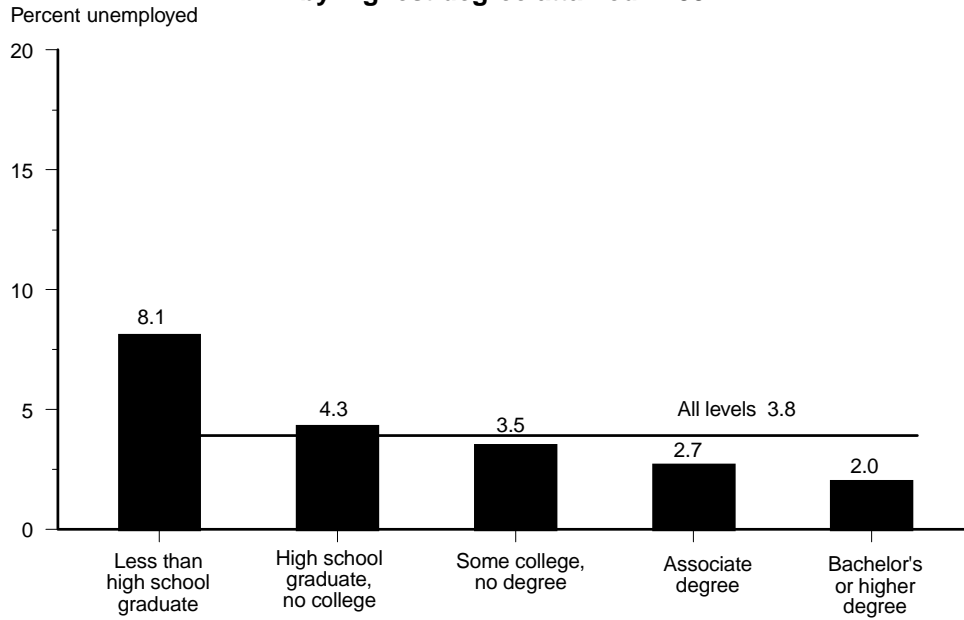
Figure 23.-Labor force participation of persons 16 years old and over, by age and highest level of education: 1997



NOTE.—Data for 16- to 19-year olds who have associate or bachelor’s degrees are not available.

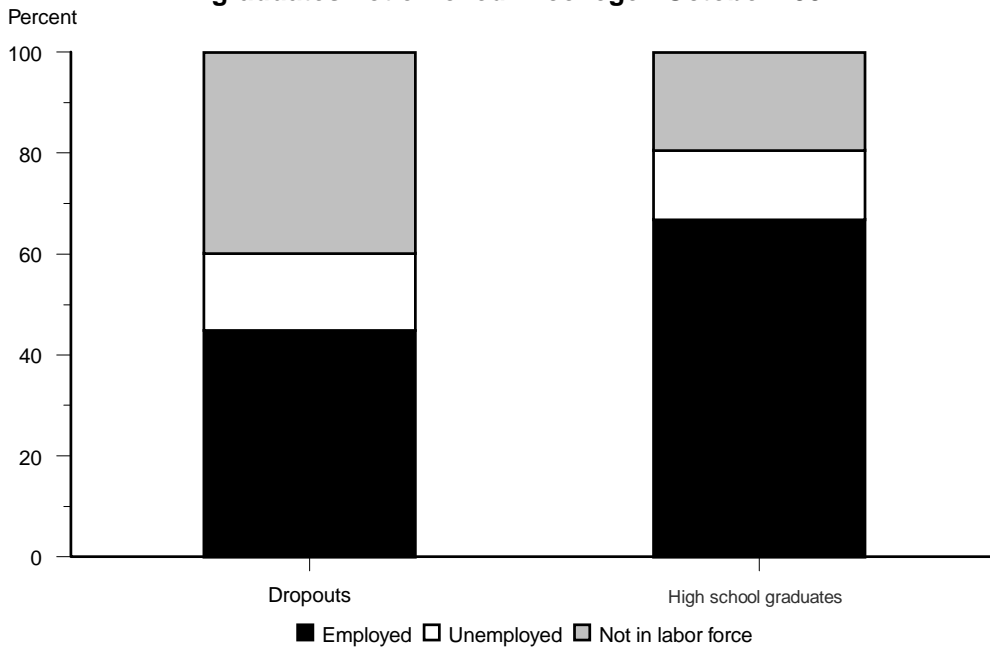
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 1997.

Figure 24.-Unemployment rates of persons 25 years old and over, by highest degree attained: 1997



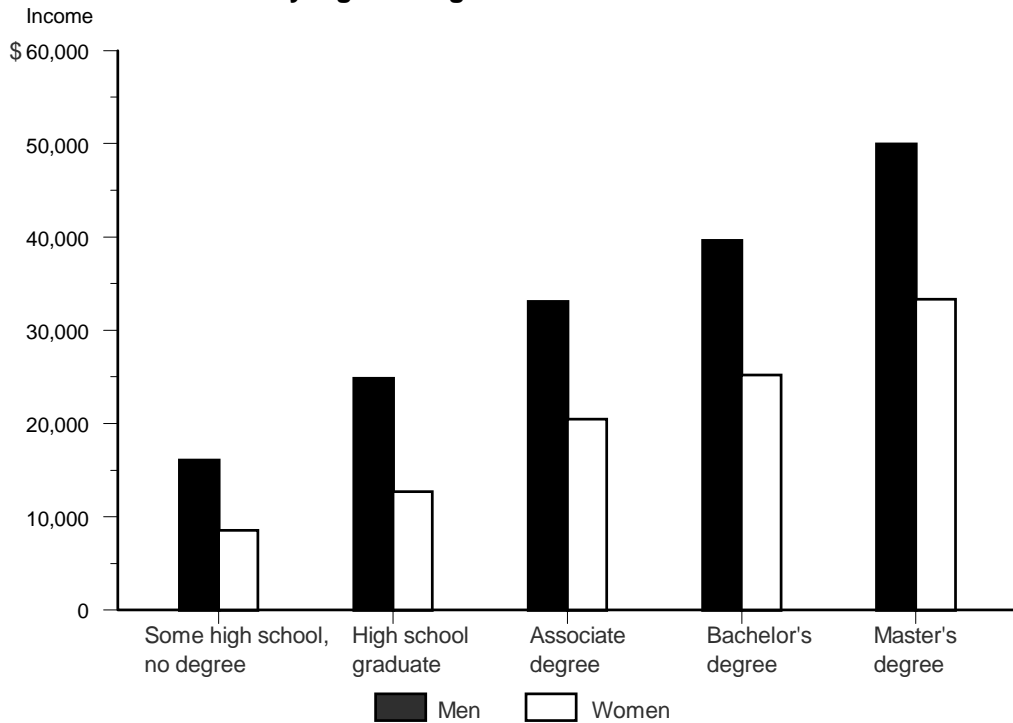
SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, Current Population Survey, 1997.

Figure 25.-Labor force status of 1996–97 high school dropouts and graduates not enrolled in college: October 1997



SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "Employment Status of School Age Youth, High School Graduates and Dropouts, 1997."

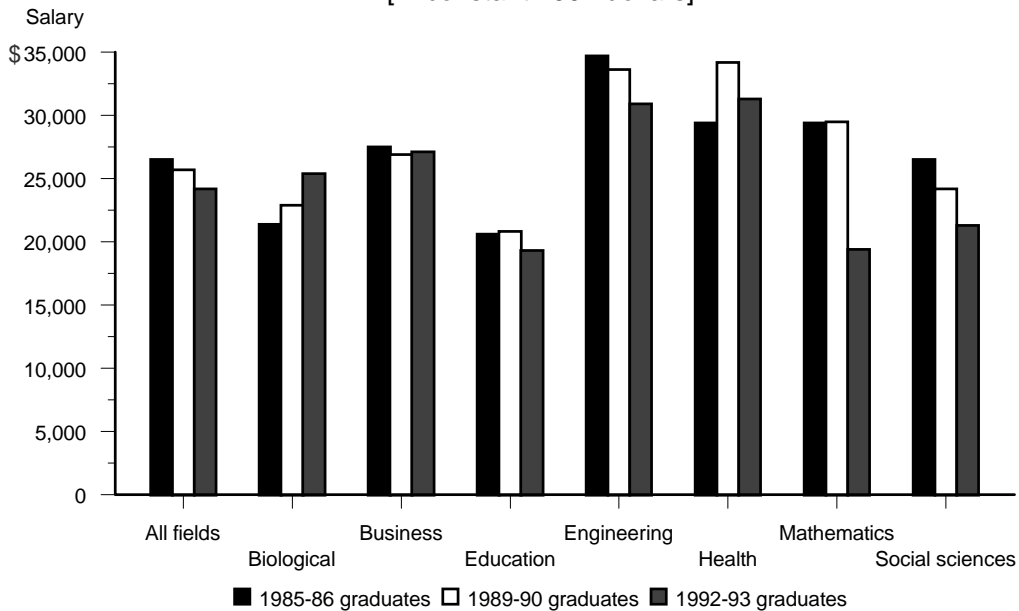
Figure 26.-Median annual income of persons with income 25 years old and over, by highest degree attained and sex: 1996



SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, "Money Income in the United States: 1996."

Figure 27.-Salaries of recent bachelor's degree recipients 1 year after graduation, by field: 1987, 1991, and 1994

[In constant 1994 dollars]



SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys, 1987 and 1991, and "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey.

Table 375.—Percent of 18- to 25-year-olds reporting drug use during the past 30 days and the past year: 1982 to 1996

Drug	1982	1985	1988	1990	1991	1992	1993	1994	1995	1996
1	2	3	4	5	6	7	8	9	10	11
Percent reporting drug use during past 30 days										
Any illicit use	—	25.3	17.9	15.0	15.4	13.1	13.6	13.3	14.2	15.6
Marijuana	27.2	21.7	15.3	12.7	12.9	10.9	11.1	12.1	12.0	13.2
Cocaine	7.0	8.1	4.8	2.3	2.2	2.0	1.6	1.2	1.3	2.0
Alcohol	66.6	70.1	64.7	62.8	63.1	58.6	58.7	63.1	61.3	60.0
Cigarettes	—	47.4	45.6	40.9	41.7	41.5	37.9	34.6	35.3	38.3
Percent reporting drug use during past year										
Any illicit use	—	37.4	29.1	26.1	26.6	24.1	24.2	24.6	25.5	26.8
Marijuana	37.4	34.0	26.1	23.0	22.9	21.2	21.4	21.8	21.8	23.8
Cocaine	15.9	13.6	10.5	6.5	6.7	5.5	4.4	3.6	4.3	4.7
Alcohol	80.6	84.2	79.6	78.1	80.7	75.6	76.9	78.5	76.5	75.3
Cigarettes	—	49.9	50.9	45.1	46.9	46.8	43.7	41.1	42.5	44.7

—Data not available or low precision; no estimate reported.

SOURCE: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, *Preliminary Estimates from the 1996 National Household Survey on Drug Abuse*. (This table was prepared July 1998.)

NOTE.—Some 1982 data have been revised from previously published figures.

Table 376.—Percent of 1972, 1982, and 1992 high school seniors who felt that certain life values were “very important,” by sex: 1972 to 1994

Value	Percent of 1972 seniors						Percent of 1982 seniors						Percent of 1992 seniors					
	1972		1974 (2 years after high school)		1976 (4 years after high school)		1982		1984 (2 years after high school)		1986 (4 years after high school)		1992		1994 (2 years after high school)			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Total	Male	Female	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Being successful in work	86.5	83.0	81.2	74.9	80.3	69.7	88.2	85.5	88.7	84.2	84.0	77.2	89.0	89.6	90.1	89.9	90.3	
Finding steady work	82.3	73.7	74.7	59.9	79.3	62.1	88.0	84.4	87.4	83.3	84.2	76.3	87.1	88.6	89.7	88.7	90.7	
Having lots of money	26.0	9.8	17.8	9.1	17.7	9.4	41.3	24.1	35.8	20.9	27.8	16.9	45.3	29.4	35.2	39.5	30.9	
Being a leader in the community	14.9	8.0	8.5	4.4	9.2	4.2	11.3	5.9	13.7	6.4	9.5	4.5	—	—	—	—	—	
Correcting inequalities	22.5	31.1	16.6	18.2	16.2	17.1	11.8	11.7	13.3	13.9	10.7	10.9	17.0	23.6	—	—	—	
Having children	—	—	—	—	—	—	37.0	47.0	42.7	56.3	41.4	56.2	39.0	49.2	—	—	—	
Having a happy family life	78.6	85.7	83.1	86.7	84.2	86.4	81.6	86.3	86.1	90.2	86.8	87.8	—	—	—	—	—	
Providing better opportunities for my children	66.6	66.2	59.5	61.6	59.8	58.8	71.0	68.7	72.1	69.9	68.4	67.4	74.5	76.5	90.5	90.3	90.8	
Living closer to parents or relatives	6.8	8.2	8.3	12.4	7.7	11.9	15.0	15.7	15.6	20.1	12.9	19.8	15.2	18.7	—	—	—	
Moving from area	14.3	14.6	8.3	7.4	6.7	6.4	14.4	12.8	10.5	9.1	9.0	7.4	20.7	20.1	—	—	—	
Having strong friendships	81.2	78.7	76.5	74.7	76.1	72.1	80.4	79.1	80.1	79.7	76.5	75.0	79.8	80.0	87.6	88.1	87.0	
Having leisure time	—	—	60.9	55.1	65.4	60.1	70.2	68.8	74.5	72.0	70.1	68.9	65.3	62.0	—	—	—	

—Question not asked.

Source: U.S. Department of Education, National Center for Education Statistics, "National Longitudinal Study," second and third followup surveys. (This table was prepared June 1995.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Longitudinal Study," "High School and Beyond" surveys, and "National Edu-

Table 377.—Labor force participation of persons 16 years old and over, by age, sex, race/ethnicity, and highest level of education: 1997

Age, sex, and race/ethnicity	Labor force participation rate ¹						Employment/population ratio ²					
	Total	Less than high school graduate ³	High school graduate	College			Total	Less than high school graduate ³	High school graduate	College		
				Some college, no degree	Associate degree	Bachelor's degree or higher				Some college, no degree	Associate degree	Bachelor's degree or higher
1	2	3	4	5	6	7	8	9	10	11	12	13
16 to 19 years old⁴	51.6	44.7	69.4	61.5	(5)	(5)	43.4	36.2	59.6	56.2	(5)	(5)
Men	52.3	46.1	72.1	58.3	(5)	(5)	43.4	37.0	62.1	52.9	(5)	(5)
Women	51.0	43.1	66.7	63.8	(5)	(5)	43.3	35.3	57.3	58.7	(5)	(5)
White ⁶	55.2	48.2	72.5	64.6	(5)	(5)	47.7	40.4	64.0	60.0	(5)	(5)
Black ⁶	38.7	32.5	58.2	47.9	(5)	(5)	26.1	20.6	41.9	37.8	(5)	(5)
Hispanic ⁷	43.0	37.0	62.8	57.1	(5)	(5)	33.7	27.5	53.0	50.7	(5)	(5)
20 to 24 years old⁴	77.6	68.1	82.6	73.8	84.5	85.3	71.0	56.5	74.6	68.8	80.9	82.2
Men	82.5	83.0	89.5	74.6	87.2	85.9	75.2	70.5	80.9	69.3	83.6	82.3
Women	72.7	50.1	75.1	73.0	82.2	84.9	66.8	39.5	67.8	68.4	78.6	82.1
White ⁶	79.6	71.3	84.3	75.8	85.4	86.7	74.1	61.7	77.6	71.5	82.5	84.0
Black ⁶	70.9	56.6	76.4	68.3	82.2	88.0	57.9	36.3	62.3	58.7	73.6	82.3
Hispanic ⁷	76.4	71.0	80.7	78.7	79.6	79.7	68.6	61.7	72.7	72.1	74.5	76.7
25 and older	67.4	42.2	65.8	72.8	79.3	80.5	64.9	38.8	63.0	70.2	77.2	78.9
Men	76.4	55.0	76.6	80.3	86.3	85.0	73.6	51.1	73.3	77.6	84.0	83.4
Women	59.3	30.7	56.8	65.9	74.1	75.5	57.0	27.7	54.4	63.5	72.0	73.8
White ⁶	67.3	42.6	65.1	71.9	79.0	80.2	65.1	39.6	62.7	69.7	77.1	78.7
Black ⁶	67.2	39.4	70.2	78.4	82.3	84.5	62.3	34.2	64.5	73.6	78.7	81.4
Hispanic ⁷	69.8	58.6	75.2	81.3	82.3	83.9	65.6	53.7	70.9	77.9	79.0	81.0

¹ Percent of the civilian population who are employed or seeking employment.

² Number of persons employed as a percent of civilian population.

³ Includes persons reporting no school years completed.

⁴ Excludes persons enrolled in school.

⁵ Sample size too small for stable estimates.

⁶ Includes persons of Hispanic origin.

⁷ Hispanics may be of any race.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared September 1998.)

Table 378.—Occupation of employed persons 25 years old and over, by educational attainment and sex: 1997

Sex and occupation	Total employed, in thousands	Percentage distribution, by years of school completed								
		Total	Less than one year of high school	High school		College				
				1-4 years of high school, no diploma	High school graduate	Some college, no degree	Associate degree	Bachelor's degree	More than a bachelor's degree	
1	2	3	4	5	6	7	8	9	10	
All persons										
All occupational groups	106,757	100.0	3.5	6.6	32.7	18.8	8.9	19.7	9.8	
Managerial and professional specialty	34,446	100.0	0.3	1.4	13.1	13.8	8.7	36.3	26.3	
Executive, administrative, and managerial	16,965	100.0	0.5	2.2	20.8	19.6	8.4	33.9	14.6	
Professional specialty occupations	17,481	100.0	0.2	0.5	5.7	8.2	9.1	38.6	37.6	
Teachers, except college and university	4,342	100.0	0.1	0.5	5.3	6.0	3.2	48.5	36.3	
Teachers, college and university	751	100.0	0.0	0.0	0.5	2.3	1.7	15.8	79.5	
Technical, sales, and administrative support	30,459	100.0	0.8	3.5	35.6	25.6	11.3	19.8	3.4	
Technicians and related support	3,688	100.0	0.2	1.4	19.8	24.2	23.9	24.8	5.7	
Sales occupations	11,722	100.0	1.3	4.7	33.0	23.0	7.8	25.8	4.0	
Administrative support, including clerical	15,049	100.0	0.6	3.0	41.6	27.9	11.0	13.9	2.0	
Service occupations	12,354	100.0	7.6	12.6	43.6	19.7	7.8	7.6	1.2	
Precision production, craft, and repair	12,380	100.0	5.5	11.0	47.5	20.2	9.0	5.8	1.0	
Operators, fabricators, and laborers	14,594	100.0	8.6	15.7	50.4	15.3	5.2	4.2	0.6	
Farming, forestry, and fishing	2,524	100.0	18.5	12.2	37.3	14.3	6.2	9.5	1.9	
Men										
All occupational groups	57,507	100.0	4.3	7.4	32.2	18.3	7.7	19.6	10.5	
Managerial and professional specialty	17,574	100.0	0.5	1.6	12.1	13.6	6.6	36.2	29.4	
Executive, administrative, and managerial	9,436	100.0	0.7	2.5	18.1	18.1	7.1	36.5	17.0	
Professional specialty occupations	8,139	100.0	0.2	0.5	5.2	8.4	5.9	35.9	43.8	
Teachers, except college and university	1,045	100.0	0.1	0.4	4.3	6.7	3.3	44.3	41.1	
Teachers, college and university	430	100.0	0.0	0.0	0.7	2.1	1.6	15.1	80.5	
Technical, sales, and administrative support	11,029	100.0	1.1	3.1	27.5	24.8	10.1	28.0	5.0	
Technicians and related support	1,754	100.0	0.3	1.3	17.7	25.0	20.0	28.6	7.3	
Sales occupations	6,226	100.0	1.3	3.2	26.6	23.9	7.7	31.5	5.8	
Administrative support, including clerical	3,048	100.0	1.3	3.7	34.9	26.7	9.6	20.5	3.2	
Service occupations	4,816	100.0	8.4	10.3	38.0	22.2	8.9	10.2	1.8	
Precision production, craft, and repair	11,273	100.0	5.5	10.8	47.3	20.5	9.2	5.6	1.0	
Operators, fabricators, and laborers	10,816	100.0	7.7	15.3	50.1	16.3	5.4	4.5	0.6	
Farming, forestry, and fishing	2,000	100.0	20.2	13.0	37.0	13.4	5.6	9.1	2.0	
Women										
All occupational groups	49,250	100.0	2.5	5.7	33.4	19.3	10.2	19.9	9.0	
Managerial and professional specialty	16,872	100.0	0.2	1.2	14.2	14.0	11.0	36.3	23.1	
Executive, administrative, and managerial	7,530	100.0	0.3	1.9	24.1	21.5	10.0	30.6	11.6	
Professional specialty occupations	9,342	100.0	0.2	0.5	6.2	8.0	11.9	41.0	32.2	
Teachers, except college and university	3,297	100.0	0.1	0.5	5.6	5.8	3.3	49.9	34.7	
Teachers, college and university	321	100.0	0.0	0.0	0.3	2.5	1.6	16.8	78.5	
Technical, sales, and administrative support	19,431	100.0	0.6	3.7	40.2	26.0	12.0	15.1	2.4	
Technicians and related support	1,933	100.0	0.1	1.4	21.7	23.4	27.6	21.3	4.6	
Sales occupations	5,496	100.0	1.3	6.5	40.1	22.0	8.0	19.2	3.0	
Administrative support, including clerical	12,001	100.0	0.4	2.8	43.3	28.2	11.4	12.2	1.7	
Service occupations	7,538	100.0	7.0	14.0	47.2	18.1	7.0	5.9	0.8	
Precision production, craft, and repair	1,107	100.0	6.1	12.2	48.8	17.0	7.1	7.8	1.1	
Operators, fabricators, and laborers	3,778	100.0	11.0	16.7	51.1	12.5	4.7	3.4	0.5	
Farming, forestry, and fishing	524	100.0	12.2	9.7	38.5	17.7	8.8	11.3	1.9	

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations from the Current Population Survey. (This table was prepared August 1998.)

Table 379.—Unemployment rate of persons 16 years old and over, by age, sex, race/ethnicity, and highest degree attained: 1995, 1996, and 1997

Sex, race/ethnicity, and highest degree attained	Percent unemployed, 1995 ¹				Percent unemployed, 1996 ¹				Percent unemployed, 1997 ¹			
	16- to 24-year-olds ²			25 years old and over	16- to 24-year-olds ²			25 years old and over	16- to 24-year-olds ²			25 years old and over
	Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years		Total	16 to 19 years	20 to 24 years	
1	2	3	4	5	6	7	8	9	10	11	12	13
All persons												
All education levels	12.1	17.3	9.1	4.3	12.0	16.7	9.3	4.2	11.3	16.0	8.5	3.8
Less than a high school graduate ..	20.2	20.8	18.6	9.0	19.7	19.7	19.4	8.7	18.4	18.9	17.1	8.1
High school graduate, no college ...	12.0	14.7	10.8	4.8	12.0	14.9	10.8	4.7	11.0	14.0	9.6	4.3
Some college, no degree	6.7	8.4	6.3	4.3	7.0	8.1	6.7	4.0	7.1	8.5	6.7	3.5
Associate degree	5.3	—	5.1	3.3	4.8	—	4.5	3.3	4.5	—	4.3	2.7
Bachelor's degree or higher	5.5	—	5.5	2.4	5.3	—	5.3	2.2	3.7	—	3.7	2.0
Men												
All education levels	12.5	18.4	9.2	4.3	12.6	18.1	9.5	4.1	11.8	16.9	8.9	3.6
Less than a high school graduate ..	19.9	21.6	15.9	8.8	19.8	21.2	16.4	7.8	18.3	19.7	15.1	7.2
High school graduate, no college ...	11.7	15.3	10.4	4.8	11.9	15.1	10.6	4.7	10.8	13.9	9.6	4.2
Some college, no degree	6.8	9.3	6.3	4.0	7.5	9.4	7.1	3.9	7.5	9.2	7.1	3.3
Associate degree	4.9	—	4.8	3.3	4.1	—	4.2	3.2	—	—	—	2.6
Bachelor's degree or higher	6.3	—	6.3	2.3	6.1	—	6.1	2.1	4.2	—	4.3	1.9
Women												
All education levels	11.7	16.1	9.0	4.4	11.3	15.2	9.0	4.3	10.7	15.0	8.1	3.9
Less than a high school graduate ..	20.8	19.9	24.4	9.2	19.5	18.1	25.3	10.1	18.6	17.9	21.2	9.6
High school graduate, no college ...	12.3	14.2	11.4	4.7	12.2	14.7	10.9	4.6	11.2	14.2	9.7	4.3
Some college, no degree	6.6	7.7	6.3	4.6	6.6	7.2	6.4	4.1	6.7	8.0	6.3	3.7
Associate degree	5.5	—	5.5	3.3	5.2	—	4.8	3.3	4.8	—	4.5	2.8
Bachelor's degree or higher	5.0	—	4.9	2.7	4.8	—	4.8	2.4	3.2	—	3.3	2.2
White³												
All education levels	10.2	14.5	7.7	3.9	10.2	14.2	7.8	3.7	9.4	13.6	6.9	3.3
Less than a high school graduate ..	17.2	17.7	15.9	8.3	16.7	17.0	16.0	8.0	15.5	16.2	13.5	7.2
High school graduate, no college ...	10.0	11.9	9.2	4.2	9.9	12.2	8.9	4.0	9.1	11.6	7.9	3.6
Some college, no degree	5.8	7.3	5.3	3.7	6.0	7.0	5.8	3.5	5.9	7.1	5.6	3.0
Associate degree	4.8	—	4.7	3.1	4.2	—	3.9	3.0	3.6	—	3.4	2.5
Bachelor's degree or higher	5.1	—	5.1	2.3	5.1	—	5.1	2.1	3.1	—	3.2	1.8
Black³												
All education levels	23.9	35.7	17.7	7.4	23.9	33.6	18.8	7.7	23.2	32.4	18.3	7.3
Less than a high school graduate ..	39.1	40.4	35.8	12.4	37.8	37.6	38.2	12.6	36.3	36.4	35.8	13.1
High school graduate, no college ...	22.5	31.8	19.3	8.2	23.0	31.5	20.0	9.1	20.9	28.1	18.4	8.1
Some college, no degree	13.0	18.7	12.2	7.5	13.7	17.1	13.1	6.7	15.1	21.0	14.0	6.1
Associate degree	10.7	—	8.5	4.6	9.7	—	10.0	5.5	—	—	—	—
Bachelor's degree or higher	8.7	—	8.6	3.2	6.1	—	6.0	3.1	6.5	—	6.4	3.6
Hispanic origin⁴												
All education levels	15.5	24.1	11.5	7.6	15.5	23.6	11.8	7.1	13.8	21.6	10.3	6.1
Less than a high school graduate ..	20.2	28.2	13.7	10.4	20.1	26.1	14.6	9.7	18.8	25.7	13.0	8.5
High school graduate, no college ...	14.1	18.7	12.3	6.8	13.6	20.7	11.5	6.6	11.4	15.7	9.9	5.7
Some college, no degree	10.4	14.1	9.4	6.1	10.5	13.2	9.8	4.9	8.9	11.3	8.4	4.1
Associate degree	—	—	—	5.5	—	—	—	4.9	—	—	—	—
Bachelor's degree or higher	—	—	—	3.5	—	—	—	3.8	—	—	—	3.5

¹ The unemployment rate is the percent of individuals in the labor force who are not working and who made specific efforts to find employment sometime during the prior 4 weeks. The labor force includes both employed and unemployed persons.

² Excludes persons enrolled in school.

³ Includes persons of Hispanic origin.

⁴ Persons of Hispanic origin may be of any race.

—Data not available.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, Office of Employment and Unemployment Statistics, unpublished tabulations of annual averages from the Current Population Survey. (This table was prepared September 1998.)

Table 380.—Median annual income of year-round full-time workers 25 years old and over, by level of education completed and sex: 1989 to 1997

Sex and year	Total	Elementary/secondary			College						
		Less than 9th grade	9th to 12th grade, no diploma ¹	High school graduate ²	Some college, no degree ³	Associate degree ⁴	Bachelor's degree or higher ⁵				
							Total ⁵	Bachelor's ⁶	Master's ⁷	Professional ⁷	Doctorate ⁷
1	2	3	4	5	6	7	8	9	10	11	12
Current dollars											
Men											
1989	\$30,465	\$17,555	\$21,065	\$26,609	\$31,308	—	\$41,892	\$38,565	—	—	—
1990	30,733	17,394	20,902	26,653	31,734	—	42,671	39,238	—	—	—
1991	31,613	17,623	21,402	26,779	31,663	\$33,817	45,138	40,906	\$49,734	\$73,996	\$57,187
1992	32,057	17,294	21,274	27,280	32,103	33,433	45,802	41,355	49,973	76,220	57,418
1993	32,359	16,863	21,752	27,370	32,077	33,690	47,740	42,757	51,867	80,549	63,149
1994	33,440	17,532	22,048	28,037	32,279	35,794	49,228	43,663	53,500	75,009	61,921
1995	34,551	18,354	22,185	29,510	33,883	35,201	50,481	45,266	55,216	79,667	65,336
1996	35,622	17,962	22,717	30,709	34,845	37,131	51,436	45,846	60,508	85,963	71,227
1997	36,678	19,291	24,726	31,215	35,945	38,022	53,450	48,616	61,690	85,011	76,234
Women											
1989	20,570	12,188	13,923	17,528	21,631	—	28,799	26,709	—	—	—
1990	21,372	12,251	14,429	18,319	22,227	—	30,377	28,017	—	—	—
1991	22,043	12,066	14,455	18,836	22,143	25,000	31,310	29,079	34,949	46,742	43,303
1992	23,139	12,958	14,559	19,427	23,157	25,624	32,304	30,326	36,037	46,257	45,790
1993	23,629	12,415	15,386	19,963	23,056	25,883	34,307	31,197	38,612	50,211	47,248
1994	24,399	12,430	15,133	20,373	23,514	25,940	35,378	31,741	39,457	50,615	51,119
1995	24,875	13,577	15,825	20,463	23,997	27,311	35,259	32,051	40,263	50,000	48,141
1996	25,808	14,414	16,953	21,175	25,167	28,083	36,461	33,525	41,901	57,624	56,267
1997	26,974	14,161	16,697	22,067	26,335	28,812	38,038	35,379	44,949	61,051	53,037
Constant 1997 dollars											
Men											
1989	\$39,433	\$22,722	\$27,266	\$34,441	\$40,524	—	\$54,223	\$49,917	—	—	—
1990	37,740	21,360	25,668	32,730	38,969	—	52,400	48,184	—	—	—
1991	37,253	20,767	25,220	31,557	37,312	\$39,850	53,191	48,204	\$58,607	\$87,198	\$67,390
1992	36,672	19,784	24,337	31,208	36,725	38,247	52,396	47,309	57,168	87,194	65,685
1993	35,942	18,730	24,161	30,401	35,629	37,420	53,026	47,491	57,610	89,468	70,141
1994	36,215	18,987	23,878	30,364	34,958	38,765	53,314	47,287	57,940	81,234	67,060
1995	36,387	19,330	23,364	31,078	35,684	37,072	53,164	47,672	58,151	83,901	68,809
1996	36,439	18,374	23,238	31,414	35,645	37,983	52,616	46,898	61,896	87,935	72,861
1997	36,678	19,291	24,726	31,215	35,945	38,022	53,450	48,616	61,690	85,011	76,234
Women											
1989	26,625	15,776	18,021	22,687	27,998	—	37,276	34,571	—	—	—
1990	26,245	15,044	17,719	22,496	27,295	—	37,303	34,405	—	—	—
1991	25,976	14,219	17,034	22,197	26,094	29,460	36,896	34,267	41,184	55,081	51,029
1992	26,470	14,824	16,655	22,224	26,491	29,313	36,955	34,692	41,226	52,917	52,383
1993	26,245	13,790	17,090	22,173	25,609	28,749	38,106	34,651	42,887	55,771	52,480
1994	26,424	13,462	16,389	22,064	25,466	28,093	38,314	34,375	42,732	54,816	55,362
1995	26,197	14,299	16,666	21,551	25,272	28,763	37,133	33,754	42,403	52,657	50,700
1996	26,400	14,745	17,342	21,661	25,744	28,727	37,298	34,294	42,862	58,946	57,558
1997	26,974	14,161	16,697	22,067	26,335	28,812	38,038	35,379	44,949	61,051	53,037
Number with income (in thousands)											
Men											
1989	44,596	2,425	3,312	16,392	9,028	—	13,439	7,473	—	—	—
1990	44,406	2,250	3,315	16,394	9,113	—	13,334	7,569	—	—	—
1991	44,199	1,807	3,083	15,025	8,034	2,899	13,350	8,456	3,073	1,147	674
1992	44,752	1,815	3,009	14,722	8,067	3,203	13,937	8,719	3,178	1,295	745
1993	45,873	1,790	3,083	14,604	8,493	3,557	14,346	9,178	3,131	1,231	808
1994	47,566	1,895	3,057	15,109	8,783	3,735	14,987	9,636	3,225	1,258	868
1995	48,500	1,946	3,335	15,331	8,908	3,926	15,054	9,597	3,395	1,208	853
1996	49,764	2,041	3,441	15,840	9,173	3,931	15,339	9,898	3,272	1,277	893
1997	50,807	1,914	3,548	16,225	9,170	4,086	15,864	10,349	3,228	1,321	966
Women											
1989	28,056	906	1,830	11,785	6,217	—	7,318	4,465	—	—	—
1990	28,636	847	1,861	11,810	6,462	—	7,655	4,704	—	—	—
1991	29,474	733	1,819	10,959	5,633	2,523	7,807	5,263	2,025	312	206
1992	30,346	734	1,659	11,039	5,904	2,655	8,355	5,604	2,192	334	225
1993	30,683	765	1,576	10,513	6,279	3,067	8,483	5,735	2,166	323	260
1994	31,379	696	1,675	10,785	6,256	3,210	8,756	5,901	2,174	398	283
1995	32,673	774	1,763	11,064	6,329	3,336	9,406	6,434	2,268	421	283
1996	33,549	750	1,751	11,363	6,582	3,468	9,636	6,689	2,213	413	322
1997	34,624	791	1,765	11,475	6,628	3,538	10,427	7,173	2,448	488	318

¹ Includes 1 to 3 years high school for 1989 and 1990.

² Includes 4 years of high school for 1989 and 1990, and equivalency certificates for the other years.

³ Includes 1 to 3 years of college and associate degrees for 1989 and 1990.

⁴ Not reported separately for 1989 and 1990.

⁵ Includes 4 or more years of college for 1989 and 1990.

⁶ Includes 4 years of college for 1989 and 1990.

⁷ Data not collected in 1989 and 1990.

—Data not available or not applicable.

NOTE.—Data for 1982 and later years are based on 1990 census counts. Due to rounding, numbers may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, "Money Income of Households, Families, and Persons in the United States," "Income, Poverty, and Valuation of Noncash Benefits," various years, "Money Income in the United States: 1995," P60-193, and "Money Income in the United States: 1997" P60-200. (This table was prepared October 1998.)

Table 381.—Total annual money income and median income of persons 25 years old and over, by educational attainment and sex: 1996

Sex, earnings, and age	Total	Less than 9th grade	Some high school (no diploma)	High school graduate (includes equivalency)	College							
					Some college, no degree	Associate degree	Bachelor's degree or higher					
							Total	Bachelor's degree	Master's degree	Professional degree	Doctor's degree	
1	2	3	4	5	6	7	8	9	10	11	12	
Number, in thousands												
Men, 25 years old and over												
Total	81,620	6,477	8,212	26,226	14,033	5,299	21,374	13,672	4,776	1,708	1,218	
With income	79,423	6,139	7,671	25,510	13,756	5,210	21,136	13,510	4,709	1,702	1,215	
Percentage distribution of men with income												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$4,999 or loss	4.3	8.9	8.3	4.5	3.5	3.1	2.2	2.5	2.1	1.3	1.4	
\$5,000 to \$9,999	9.4	28.8	17.2	9.5	7.0	4.6	3.4	3.9	2.7	2.6	1.7	
\$10,000 to \$14,999	11.2	24.8	20.8	11.9	9.0	7.1	5.2	6.2	3.6	2.5	3.5	
\$15,000 to \$24,999	20.1	22.5	27.8	24.5	20.9	17.6	11.2	13.1	9.1	6.0	5.9	
\$25,000 to \$34,999	17.3	8.9	14.6	20.1	20.6	20.8	14.2	16.3	12.4	8.0	7.0	
\$35,000 to \$49,999	17.2	3.5	7.1	18.0	20.1	24.7	20.2	21.5	20.1	14.4	14.7	
\$50,000 to \$74,999	12.4	1.7	3.0	8.7	13.2	16.4	21.8	21.3	23.7	17.2	26.3	
\$75,000 and over	8.2	0.9	1.1	2.8	5.6	5.7	21.7	15.1	26.3	48.1	39.3	
Median income	\$27,248	\$12,174	\$16,058	\$24,814	\$29,160	\$33,065	\$44,161	\$39,624	\$50,003	\$71,869	\$62,255	
Number, in thousands												
Women, 25 years old and over												
Total	88,961	6,836	9,000	31,360	15,335	7,107	19,323	13,685	4,356	739	543	
With income	83,056	5,775	7,929	29,212	14,528	6,839	18,775	13,247	4,285	715	527	
Percentage distribution of women with income												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
\$1 to \$4,999 or loss	16.2	24.5	22.5	17.1	15.3	12.5	11.4	12.9	8.0	9.0	5.5	
\$5,000 to \$9,999	20.1	45.8	36.1	21.8	16.5	12.1	8.5	9.5	6.1	4.6	5.7	
\$10,000 to \$14,999	14.5	16.5	19.3	18.0	14.7	12.9	6.9	7.7	5.3	3.6	3.2	
\$15,000 to \$24,999	21.2	9.5	15.7	24.9	24.8	23.8	17.4	19.3	13.3	9.4	13.5	
\$25,000 to \$34,999	13.0	2.1	3.9	10.8	14.8	19.5	19.8	20.5	20.0	13.0	11.2	
\$35,000 to \$49,999	8.9	0.8	1.6	5.0	9.2	13.1	18.7	16.5	25.6	16.6	20.3	
\$50,000 to \$74,999	4.4	0.6	0.5	1.8	3.6	4.9	11.6	9.5	15.6	18.9	19.7	
\$75,000 and over	1.9	0.2	0.3	0.6	1.0	1.2	5.8	4.0	6.2	24.9	20.9	
Median income	\$14,682	\$7,276	\$8,544	\$12,702	\$16,255	\$20,460	\$27,556	\$25,192	\$33,302	\$42,059	\$42,431	

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Commerce, Bureau of the Census, *Current Population Reports*, Series P-60, No. 197, "Money Income in the United States: 1996." (This table was prepared August 1998.)

Table 382.—College enrollment and labor force status of 1996 and 1997 high school graduates, by sex and race/ethnicity: October 1996 and October 1997

[Numbers in thousands]

Item	Civilian noninstitutional population			Civilian labor force ¹						Not in labor force
	Number	Percent	Percent of high school graduates	Number	Labor force participation rate	Employed		Unemployed		
						Number	Percent of population	Number	Unemployment rate	
1	2	3	4	5	6	7	8	9	10	11
1996 high school graduates²										
Total	2,660	100.0	100.0	1,528	57.4	1,225	46.1	303	19.8	1,132
Men	1,297	48.8	48.8	771	59.5	605	46.6	167	21.6	526
Women	1,363	51.2	51.2	756	55.5	620	45.5	136	18.0	606
White ³	2,092	78.6	78.6	1,253	59.9	1,047	50.0	206	16.5	839
Black ³	416	15.6	15.6	231	55.6	150	36.1	82	35.4	185
Hispanic origin ⁴	227	8.5	8.5	138	60.6	100	44.1	37	27.1	89
Enrolled in college, October 1996	1,729	100.0	65.0	801	46.3	676	39.1	126	15.7	928
Men	779	45.1	29.3	348	44.7	286	36.7	63	18.0	431
Women	950	54.9	35.7	453	47.7	390	41.1	63	14.0	497
2-year	615	35.6	23.1	379	61.7	310	50.4	69	18.3	235
4-year	1,115	64.5	41.9	422	37.9	366	32.8	57	13.4	692
Full-time students	1,589	91.9	59.7	681	42.8	562	35.4	119	17.5	908
Part-time students	140	8.1	5.3	120	86.1	113	80.7	7	5.8	19
White ³	1,377	79.6	51.8	679	49.4	584	42.4	96	14.1	697
Black ³	230	13.3	8.6	94	40.9	74	32.2	21	21.8	136
Hispanic origin ⁴	115	6.7	4.3	66	57.4	55	47.8	12	(⁵)	49
Not enrolled in college, October 1996 ..	931	100.0	35.0	726	78.1	549	59.0	177	24.4	204
Men	518	55.6	19.5	423	81.7	319	61.6	104	24.6	95
Women	413	44.4	15.5	303	73.5	231	55.9	73	23.9	109
White ³	716	76.9	26.9	574	80.2	463	64.7	111	19.3	142
Black ³	186	20.0	7.0	137	73.8	76	40.9	61	44.8	49
Hispanic origin ⁴	112	12.0	4.2	71	63.9	46	41.1	26	(⁵)	40
1997 high school graduates⁶										
Total	2,769	100.0	100.0	1,590	57.4	1,362	49.2	228	14.3	1,179
Men	1,354	48.9	48.9	793	58.6	675	49.8	118	14.9	561
Women	1,415	51.1	51.1	798	56.4	688	48.6	110	13.8	618
White ³	2,228	80.5	80.5	1,337	60.0	1,168	52.4	169	12.6	891
Black ³	394	14.2	14.2	193	49.0	140	35.5	53	27.6	201
Hispanic origin ⁴	336	12.1	12.1	188	56.0	141	41.9	47	25.1	148
Enrolled in college, October 1997	1,856	100.0	67.0	853	46.0	751	40.5	102	11.9	1,003
Men	860	46.3	31.1	364	42.3	311	36.2	52	14.4	497
Women	995	53.6	35.9	489	49.1	440	44.2	49	10.1	506
2-year	630	33.9	22.8	398	63.2	346	54.9	52	13.1	232
4-year	1,225	66.0	44.2	454	37.1	405	33.1	49	10.8	771
Full-time students	1,680	90.5	60.7	704	41.9	615	36.6	89	12.7	976
Part-time students	176	9.5	6.4	149	84.6	137	77.6	12	8.3	27
White ³	1,504	81.0	54.3	744	49.5	659	43.8	85	11.4	760
Black ³	235	12.7	8.5	70	29.9	55	23.4	15	(⁵)	165
Hispanic origin ⁴	220	11.9	7.9	101	45.8	80	36.5	21	20.4	119
Not enrolled in college, October 1997 ..	913	100.0	33.0	738	80.7	611	66.9	126	17.1	176
Men	493	54.0	17.8	429	86.9	363	73.7	66	15.3	64
Women	420	46.0	15.2	309	73.5	248	59.0	61	19.7	111
White ³	724	79.3	26.1	593	81.9	509	70.3	84	14.1	131
Black ³	159	17.4	5.7	123	77.2	85	53.3	38	31.0	36
Hispanic origin ⁴	116	12.7	4.2	87	75.4	60	52.3	27	30.7	28

¹ The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment.

² Includes 16- to 24-year-olds who graduated from high school between January and October 1996.

³ Includes persons of Hispanic origin.

⁴ Persons of Hispanic origin may be of any race.

⁵ Data not shown where base is less than 75,000.

⁶ Includes 16- to 24-year-olds who graduated from high school between January and October 1997.

NOTE.—Data are based upon sample surveys of the civilian noninstitutional population. Percents are only shown when the base is 75,000 or greater. Even though the

standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Because of rounding, details may not add to totals. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" groups are not presented and Hispanics are included in both the white and black population groups.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, "College Enrollment and Work Activity of 1997 High School Graduates." (This table was prepared June 1998.)

Table 383.—Labor force status of 1979–80 to 1996–97 high school dropouts, by sex and race/ethnicity: October 1980 to October 1997

[Numbers in thousands]

Year, sex, and race	Dropouts		Dropouts in civilian labor force ¹						Not in labor force	
	Number	Percent of total	Number	Labor force participation rate	Employed		Unemployed		Number	Percent of population
					Number	Percent of dropouts	Number	Unemployment rate		
1	2	3	4	5	6	7	8	9	10	11
All dropouts²										
1980	739	100.0	471	63.7	322	43.6	149	31.6	268	36.3
1985	612	100.0	413	67.5	266	43.5	147	35.6	199	32.5
1986	562	100.0	359	63.9	259	46.1	100	27.9	203	36.1
1987	502	100.0	333	66.4	207	41.2	126	37.8	169	33.7
1988	552	100.0	327	59.2	240	43.5	87	26.7	225	40.8
1989	446	100.0	292	65.4	210	47.1	82	28.0	154	34.5
1990	405	100.0	280	69.0	189	46.7	90	32.3	125	30.9
1991	380	100.0	235	61.8	140	36.9	95	40.3	145	38.2
1992	406	100.0	242	59.6	147	36.3	95	39.1	164	40.4
1993	399	100.0	254	63.8	187	47.0	67	26.3	145	36.3
1994	510	100.0	311	61.1	219	42.9	93	29.8	198	38.8
1995	604	100.0	409	67.7	288	47.7	121	29.6	195	32.3
1996	496	100.0	289	58.4	210	42.3	80	27.6	206	41.5
1997	502	100.0	302	60.2	225	44.9	77	25.4	200	39.8
Men										
1980	422	57.1	305	72.3	212	50.2	93	30.5	117	27.7
1985	321	52.5	261	81.3	163	50.8	98	37.5	60	18.7
1990	215	53.1	173	80.2	110	51.2	63	36.2	42	19.5
1993	213	53.4	156	73.5	132	61.8	25	15.9	57	26.8
1994	259	50.8	198	76.5	151	58.2	47	23.9	61	23.6
1995	339	56.1	251	74.0	179	52.8	72	28.7	88	26.0
1996	241	48.6	178	74.0	123	51.0	56	31.1	63	26.1
1997	289	57.6	207	71.8	165	57.2	42	20.3	81	28.0
Women										
1980	317	42.9	166	52.4	110	34.7	56	33.7	151	47.6
1985	291	47.5	152	52.2	103	35.4	49	32.2	139	47.8
1990	190	46.9	107	56.3	79	41.6	28	26.1	83	43.7
1993	186	46.6	98	52.6	56	30.1	42	42.9	88	47.3
1994	251	49.2	113	45.2	68	27.1	45	40.0	137	54.6
1995	265	43.9	157	59.5	109	41.1	49	30.9	107	40.4
1996	255	51.4	111	43.6	87	34.1	24	21.8	144	56.5
1997	213	42.4	95	44.4	60	28.1	35	36.6	119	55.9
White³										
1980	580	78.5	392	67.6	286	49.3	106	27.0	188	32.4
1985	458	74.8	330	72.1	214	46.7	116	35.2	128	27.9
1990	303	74.8	211	69.8	156	51.4	56	26.3	92	30.4
1993	304	76.2	209	68.8	159	52.2	50	24.1	95	31.3
1994	382	74.9	252	66.0	177	46.3	75	29.8	130	34.0
1995	448	74.2	312	69.8	227	50.8	85	27.2	135	30.1
1996	365	73.6	238	65.1	178	48.6	60	25.3	127	34.8
1997	386	76.9	250	64.8	199	51.5	51	20.5	136	35.2
Black³										
1980	146	19.8	73	50.0	33	22.6	40	(⁴)	73	50.0
1985	132	21.6	69	52.3	39	29.5	30	(⁴)	63	47.7
1990	86	21.2	56	65.3	26	29.9	30	(⁴)	30	34.9
1993	80	20.1	34	42.9	21	26.2	13	(⁴)	46	57.5
1994	100	19.6	48	47.9	34	34.1	14	(⁴)	52	52.0
1995	109	18.0	66	61.0	40	36.4	27	(⁴)	42	38.5
1996	111	22.4	40	35.7	23	20.7	17	(⁴)	71	64.0
1997	90	17.9	41	45.1	18	20.4	22	(⁴)	49	54.4
Hispanic⁵										
1980	91	12.3	60	65.9	43	47.3	17	(⁴)	31	34.1
1985	106	17.3	73	68.9	40	37.7	33	(⁴)	33	31.1
1990	67	16.5	32	(⁴)	22	(⁴)	10	(⁴)	35	52.2
1993	60	15.0	43	(⁴)	28	(⁴)	15	(⁴)	17	28.3
1994	108	21.2	51	47.5	31	28.6	20	(⁴)	57	52.8
1995	174	28.8	119	68.6	84	48.5	35	29.3	55	31.6
1996	105	21.2	71	67.7	57	54.5	14	(⁴)	34	32.4
1997	121	24.1	88	73.1	73	60.4	15	17.4	32	26.4

¹ The labor force includes all employed persons plus those seeking employment. The labor force participation rate is the percentage of persons either employed or seeking employment. The unemployment rate is the percent of persons in the labor force who are seeking employment.

² Persons, 16 to 24 years old, who dropped out of school in the 12-month period ending in October of years shown.

³ Includes persons of Hispanic origin.

⁴ Data not shown where base is less than 75,000.

⁵ Persons of Hispanic origin may be of any race.

NOTE.—Data are based upon sample surveys of the civilian noninstitutional population. Includes dropouts from any grade, including a small number from elementary and middle schools. Percents are only shown when the base is 75,000 or greater. Even though the standard errors are large, smaller estimates are shown to permit users to combine categories in various ways. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, *College Enrollment of High School Graduates*, various years. (This table was prepared June 1998.)

Table 384.—Employment of 12th-graders, by selected student characteristics: 1992

Employment characteristics	Total	Sex		Race/ethnicity					Socioeconomic status ¹				Location of school attended		
		Male	Female	White	Black	Hispanic	Asian	American Indian	Low	Middle low	Middle high	High	Urban	Suburban	Rural
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Percentage distribution															
Average hours worked per week during senior year															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Did not work during year	31.8	33.0	30.7	27.6	47.4	38.9	43.3	45.0	38.2	29.8	28.2	32.5	35.6	29.4	31.6
1 to 5 hours	6.8	6.0	7.6	7.0	4.9	6.0	9.5	8.5	5.2	5.5	5.8	10.1	6.7	6.6	7.2
6 to 10 hours	9.8	8.9	10.7	11.2	6.5	5.3	6.7	5.6	6.7	8.3	10.6	12.6	9.4	9.6	10.6
11 to 15 hours	12.7	11.1	14.4	14.1	7.2	11.3	9.3	6.2	9.5	11.9	13.7	15.0	12.2	13.6	12.1
16 to 20 hours	16.1	15.0	17.2	17.3	11.9	13.3	13.5	12.5	13.4	18.6	18.4	14.0	14.3	18.3	14.9
More than 20 hours	22.7	26.0	19.5	22.8	22.1	25.2	17.7	22.3	27.1	25.9	23.3	15.8	21.7	22.5	23.7
21 to 25 hours	9.8	10.2	9.5	10.0	8.8	10.7	8.1	12.0	10.2	10.9	10.8	8.0	9.5	10.6	9.1
26 to 30 hours	5.6	6.5	4.8	5.5	6.4	6.6	4.4	3.8	6.8	6.4	5.9	3.4	5.3	5.7	5.8
31 to 35 hours	2.5	3.1	1.9	2.6	2.4	2.4	0.8	5.0	3.6	3.2	2.4	1.3	2.3	2.5	2.7
36 to 40 hours	3.3	4.2	2.4	3.3	2.9	4.1	3.7	0.9	4.3	4.2	2.7	2.1	3.3	2.4	4.3
More than 40 hours	1.5	2.0	1.0	1.5	1.7	1.4	0.8	0.7	2.2	1.4	1.6	1.0	1.3	1.4	1.8
Most recent type of work for employed students															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lawn work or odd jobs	2.2	4.2	0.3	2.5	0.8	0.9	1.7	5.3	2.3	2.0	2.1	2.5	1.3	2.2	2.9
Food service	24.0	22.2	25.7	22.8	34.8	24.8	22.9	24.6	28.0	26.6	25.1	18.6	23.6	23.1	25.4
Delivery person	1.6	2.5	0.6	1.5	1.9	1.1	3.2	1.3	0.8	1.7	1.3	2.1	1.5	1.7	1.5
Babysitter or child care	4.3	0.6	7.9	4.8	2.4	2.2	5.0	1.1	3.2	3.9	4.5	5.4	4.9	4.4	3.9
Camp counselor/life guard	0.7	0.8	0.7	0.9	(²)	0.5	0.6	(²)	0.2	0.3	0.9	1.3	0.8	0.9	0.5
Farm worker	2.2	4.4	0.1	2.7	(²)	1.1	(²)	(²)	3.7	3.3	1.6	1.1	0.2	1.1	5.5
Mechanic	1.4	2.8	(²)	1.5	0.7	1.5	1.0	1.4	2.0	1.8	1.5	0.6	1.0	1.3	1.9
Grocery clerk or cashier	14.5	12.5	16.4	14.8	15.9	11.6	8.5	25.7	15.5	16.6	14.5	12.3	14.2	13.4	16.4
Beautician	0.2	0.1	0.3	0.1	1.1	0.3	(²)	(²)	0.6	0.2	0.2	0.1	0.2	0.2	0.3
House cleaning	0.9	0.7	1.1	0.8	0.8	2.0	0.6	(²)	1.5	0.6	1.2	0.6	0.7	0.6	1.4
Construction	2.0	4.0	0.1	2.1	1.0	1.9	0.9	2.0	2.6	2.3	1.9	1.4	1.4	1.8	2.7
Office or clerical	6.9	2.9	10.7	6.3	9.2	8.7	12.1	5.8	6.3	6.0	7.2	8.0	9.0	6.8	5.4
Health services	1.6	0.9	2.3	1.6	2.1	1.1	1.0	4.5	2.5	2.0	1.4	0.9	1.5	1.6	1.7
Salesperson	11.8	9.8	13.7	12.0	8.7	11.9	15.0	7.9	7.2	8.8	12.5	15.8	13.4	14.1	7.3
Warehouse worker	2.1	3.9	0.4	2.2	1.3	1.7	2.0	2.3	1.7	2.5	1.9	2.1	2.0	2.3	1.9
Other	23.5	27.7	19.6	23.5	19.3	28.8	25.4	18.3	22.0	21.4	22.3	27.4	24.4	24.6	21.3
Most recent hourly wage for employed students															
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$4.25 per hour	9.9	7.2	12.4	10.3	8.3	8.8	7.9	5.8	12.2	11.4	9.0	8.0	7.9	7.5	14.8
\$4.25 to \$6.00 per hour	77.5	75.6	79.2	76.7	80.9	81.1	77.0	79.3	79.0	76.8	80.0	74.8	80.1	77.0	75.8
\$6.01 to \$8.00 per hour	7.7	10.3	5.3	8.0	5.8	6.1	10.7	6.7	5.3	8.3	6.8	9.3	7.3	9.2	6.1
\$8.01 or more per hour	5.0	6.9	3.2	5.1	5.0	4.0	4.5	8.3	3.5	3.5	4.1	7.9	4.8	6.3	3.4

¹ Socioeconomic status was measured by a composite score of parental education and occupations and family income. The "Low" SES group is the lowest quartile.

² Less than 0.05 percent.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study of 1988," Second Followup survey. (This table was prepared August 1995.)

Table 385.—Full-time employment status of bachelor's degree recipients 1 year after graduation, by field of study: 1976 to 1991

Field of study	Percent employed full-time					Percent employed full-time in a job closely related to field of study					Percent employed full-time in nonprofessional job ¹				
	1974-75 graduates in May 1976	1979-80 graduates in May 1981	1983-84 graduates in June 1985	1985-86 graduates in June 1987	1989-90 graduates in April 1991	1974-75 graduates in May 1976	1979-80 graduates in May 1981	1983-84 graduates in June 1985	1985-86 graduates in June 1987	1989-90 graduates in April 1991	1974-75 graduates in May 1976	1979-80 graduates in May 1981	1983-84 graduates in June 1985	1985-86 graduates in June 1987	1989-90 graduates in April 1991
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Total	67	71	73	74	74	35	38	38	38	39	10	12	13	14	13
Professional/technical fields	77	80	82	81	80	51	51	47	47	48	9	10	13	11	11
Arts and sciences fields	56	56	56	62	64	18	17	15	25	26	12	14	15	15	14
Other	65	74	75	74	73	36	43	47	36	38	9	19	12	17	13
Newly qualified to teach	66	75	73	68	74	43	56	54	47	58	7	8	9	9	6
Not newly qualified to teach	67	71	73	74	73	33	36	36	37	36	12	13	13	14	14
Professional/technical fields	80	81	82	82	83	52	49	47	47	48	10	10	13	11	12
Engineering	79	84	84	83	84	57	55	53	46	50	4	2	3	5	3
Business and management	84	83	85	85	83	49	44	41	40	42	15	14	19	17	16
Health	75	77	75	76	86	71	66	70	65	83	2	4	2	3	1
Education ²	66	67	63	73	67	22	29	24	57	39	12	18	16	9	11
Public affairs and services	—	77	74	72	66	—	46	31	37	49	—	10	15	20	9
Arts and sciences fields	57	56	56	63	64	17	16	15	25	23	13	15	15	15	15
Biological sciences	56	45	43	42	50	26	18	17	15	26	6	8	11	11	8
Physical sciences and mathematics ³	50	58	51	76	72	19	29	20	48	48	6	2	7	9	7
Psychology	61	56	57	66	59	22	17	12	22	22	18	17	16	19	14
Social sciences	59	61	61	61	68	12	10	13	12	16	15	21	14	17	20
Humanities	56	55	59	59	59	12	14	17	19	11	17	18	19	19	21
Other	68	75	77	75	73	36	43	42	36	37	10	20	14	21	14
Communications	—	71	76	77	75	—	31	31	33	29	—	24	16	18	17
Miscellaneous	66	76	77	74	73	35	46	46	38	38	11	19	13	23	13

¹ Includes those not working in technical, managerial, or administrative types of jobs who reported that they did not need a college degree to obtain their job.

² Includes those who have not finished all requirements for teaching certification or were previously qualified to teach.

³ Includes computer sciences.

—Data not available.

NOTE.—Data are from sample surveys of recent college graduates. Notes on methodology are included in the Guide to Sources. Data exclude bachelor's recipients from U.S. Service Schools. Deceased graduates and graduates living at foreign addresses at the time of the survey are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys. (This table was prepared August 1993.)

Table 386.—Employment status of 1992–93 bachelor's degree recipients 1 year after graduation, by field of study and occupational area: 1994
[Percentage distribution]

Status in April 1994	All fields of study	Professional/technical fields					Arts and sciences						Other fields
		Business and management	Education	Engineering	Health professions	Public affairs and social services	Biological sciences	Mathematics, computer, and physical sciences	Social sciences	History	Humanities	Psychology	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total 1992–93 graduates	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
Time between high school graduation and degree completion													
4 years or less	31.1	27.5	28.0	21.4	18.0	24.3	47.7	35.0	45.1	43.2	34.3	36.6	29.9
More than 4, up to 5 years	27.6	27.2	30.9	35.2	26.2	28.3	22.7	22.8	24.7	19.3	26.0	26.5	30.3
More than 5, up to 6 years	11.2	9.4	10.5	16.2	12.7	11.9	11.7	10.1	10.1	16.8	11.0	7.2	13.3
More than 6, up to 10 years	12.7	13.3	12.1	13.4	15.1	14.5	6.8	16.1	12.7	6.5	14.1	9.8	11.7
More than 10 years	17.4	22.6	18.5	13.8	28.1	21.0	11.1	15.9	7.4	14.3	14.6	20.0	14.7
Enrollment status in April 1994													
Enrolled full-time	12.0	5.0	10.9	14.6	10.5	8.7	26.6	20.5	14.4	18.2	14.2	18.4	10.5
Enrolled part-time	5.8	4.7	8.2	6.6	6.8	5.4	8.6	4.5	4.9	5.3	5.1	9.9	4.5
Not enrolled	82.2	90.3	80.9	78.8	82.7	85.9	64.9	75.1	80.7	76.6	80.7	71.7	85.0
Employment status													
Employed	87.0	92.4	89.4	85.0	88.7	87.8	68.8	81.6	85.5	86.1	84.3	81.4	88.3
Full time	73.1	84.7	68.3	75.8	73.4	74.6	51.6	67.8	72.5	71.7	64.1	66.9	74.6
Part time	13.9	7.7	21.1	9.2	15.3	13.2	17.3	13.9	12.9	14.4	20.2	14.5	13.8
Unemployed ¹	4.5	3.6	3.4	6.2	4.5	4.6	7.4	4.9	4.8	5.4	4.9	5.1	4.5
Not in labor force ²	8.5	3.9	7.3	8.8	6.7	7.6	23.8	13.5	9.8	8.5	10.8	13.6	7.2
Unemployment experiences since graduation													
Experienced any unemployment	28.7	27.2	34.0	33.1	19.1	26.8	28.3	25.7	31.3	34.8	30.0	23.8	28.8
Average number of consecutive months unemployed	5.1	5.4	4.6	5.7	5.1	5.1	5.7	5.8	5.1	5.0	4.8	5.8	4.6
April 1994 unemployment rate ³	4.9	3.8	3.6	6.8	4.9	4.9	9.7	5.7	5.3	5.9	5.5	5.8	4.8
Total employed	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
Occupation													
Business management	20.1	31.4	9.2	12.2	7.2	16.3	9.3	8.0	26.4	23.9	16.7	25.6	26.9
School teacher	11.7	1.2	57.1	1.5	2.0	1.2	7.7	11.9	3.2	15.1	11.3	6.9	6.0
Engineering	4.4	0.5	(*)	54.3	1.5	(*)	0.7	6.9	(*)	(*)	1.0	(*)	1.7
Health professions	5.8	(*)	1.5	(*)	60.2	1.4	6.6	1.3	1.0	0.5	1.3	5.0	1.9
Other profession ⁵	15.5	19.6	7.0	2.7	5.3	27.5	14.5	11.3	15.5	12.6	24.5	19.5	20.2
Computer science/programming	3.9	3.9	0.8	7.9	0.7	0.6	3.4	25.9	2.3	1.4	3.4	1.5	1.7
Non-computer technician	3.0	1.1	0.7	5.4	7.9	1.7	15.9	4.7	1.7	1.4	1.1	2.9	3.4
Administrative/clerical/support	17.9	23.6	13.3	5.1	7.4	15.4	16.8	16.6	26.7	18.0	21.3	22.2	16.2
Mechanic operator/laborer	4.1	3.2	2.4	5.9	1.2	4.1	8.1	4.8	3.4	3.8	5.1	2.2	6.7
Sales	7.1	11.7	2.5	2.1	2.3	4.4	9.0	4.6	10.0	7.7	7.8	4.4	7.9
Service	4.2	2.4	4.5	1.3	3.7	5.4	6.2	3.0	5.5	6.8	5.4	8.7	5.4
Military/protective service	2.3	1.1	0.7	1.5	0.6	21.9	2.1	1.1	4.3	8.9	1.2	0.7	2.1
Job characteristics in April 1994													
Definite/possible career potential	72.0	77.2	75.4	81.5	80.0	67.8	57.4	75.1	68.0	66.5	65.5	52.6	67.6
Bachelor's degree required to obtain job	55.9	51.4	65.7	78.6	73.0	49.4	48.8	67.7	46.5	41.2	44.6	45.3	51.5
Job related to bachelor's degree	75.1	85.1	78.5	87.4	90.5	71.6	64.3	82.3	57.2	41.6	58.2	57.3	73.6
Annual salaries⁶													
Less than \$5,000	1.0	0.4	1.3	0.6	1.0	0.6	1.5	0.2	0.7	5.9	1.5	1.5	1.6
\$5,000 to \$9,999	3.5	1.7	5.8	0.8	3.1	1.8	3.7	3.5	4.8	6.8	5.7	7.4	3.4
\$10,000 to \$14,999	17.8	12.5	29.8	3.4	6.3	24.7	26.3	14.5	19.3	21.1	24.3	25.4	19.5
\$15,000 to \$19,999	17.3	14.9	21.3	4.5	5.5	24.6	17.6	12.8	20.2	17.9	17.9	22.4	26.1
\$20,000 to \$24,999	22.7	22.5	27.5	12.6	13.6	21.4	24.2	20.2	28.1	16.9	27.5	23.4	23.1
\$25,000 to \$34,999	24.5	31.1	10.9	46.2	38.1	16.9	19.9	32.1	20.1	22.8	14.4	14.7	19.1
\$35,000 to \$49,999	9.9	11.8	2.0	30.4	24.1	7.6	3.9	14.2	4.2	2.5	7.3	4.8	4.4
\$50,000 to \$74,999	2.5	3.9	0.9	1.2	7.8	2.0	1.8	2.1	1.7	4.8	0.8	0.4	1.8
\$75,000 or more	0.7	1.1	0.4	0.4	0.6	0.4	1.1	0.4	0.9	(*)	0.5	(*)	0.8
Average annual salary ⁷	\$24,195	\$27,069	\$19,280	\$30,948	\$31,302	\$22,042	\$22,763	\$25,414	\$22,082	\$21,047	\$21,307	\$19,463	\$21,619

¹ Percent not working, but looking for work.

² Percent not working and not looking for work.

³ Excluding those not in the labor force.

⁴ Less than 0.05 percent.

⁵ All other professional occupations excluding business, teaching, engineering, and health.

⁶ Salaries for those employed full time in April 1994.

⁷ Respondents reporting salaries less than \$1,000 or more than \$500,000 were excluded.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey. (This table was prepared August 1997.)

Table 387.—Percentage of 1992–93 bachelor’s degree recipients pursuing further education within one year after graduation, by type of enrollment and undergraduate major: April 1994

Undergraduate major field of study	Ever enrolled since graduation	Enrolled full-time	Enrolled part-time	Enrolled and employed	Enrolled and not employed	Enrolled in degree program beyond bachelor's
1	2	3	4	5	6	7
All graduates	27.3	12.0	5.8	—	—	17.0
Professional fields	23.5	8.6	6.1	—	—	14.2
Engineering	28.3	14.6	6.6	7.0	8.1	20.8
Business and management	15.7	5.0	4.7	13.9	8.9	8.8
Health professions	23.9	10.5	6.8	7.8	6.1	14.7
Education	33.9	10.9	8.2	15.2	11.3	19.9
Public affairs and social services	24.7	8.7	5.4	2.7	2.9	13.8
Arts and sciences fields	34.5	17.5	5.9	—	—	22.5
Biological sciences	50.0	26.6	8.6	6.4	13.2	32.6
Mathematics and other sciences	36.0	20.5	4.5	6.7	10.3	25.0
Psychology	38.0	18.4	9.9	5.8	5.7	24.0
Social sciences	31.2	14.4	4.9	10.0	10.4	19.6
History	38.4	18.2	5.3	2.1	2.7	28.8
Humanities	27.5	14.2	5.1	10.1	10.1	17.5
Other	23.6	10.5	4.5	12.2	10.4	14.0
Highest degree graduate expects to obtain						
Bachelor’s degree	8.5	1.1	2.0	—	—	0.5
Postbaccalaureate certificate	31.7	5.3	0.8	—	—	11.5
Master’s degree	22.9	7.4	6.0	—	—	12.8
Doctor’s degree	50.5	29.5	8.6	—	—	38.6
First-professional degree	52.3	34.8	6.3	—	—	41.7
Other degree	31.0	11.9	8.7	—	—	15.1

—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey. (This table was prepared July 1997.)

NOTE.—Data are from a sample survey of recent college graduates. Notes on methodology are included in the Guide to Sources.

Table 388.—Average annual salary of bachelor’s degree recipients employed full time 1 year after graduation, by field of study: 1976 to 1994

Field of study	Average salary ¹ of 1974–75 degree recipients in February 1976		Average salary ¹ of 1979–80 degree recipients in May 1981		Average salary ¹ of 1983–84 degree recipients in June 1985		Average salary of 1985–86 degree recipients in June 1987		Average salary of 1989–90 degree recipients in June 1991		Average salary ¹ of 1992–93 degree recipients in April 1994	Percent change in constant dollars, 1976 to 1994	Percent change in constant dollars, 1991 to 1994
	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars	Current dollars	Constant 1994 dollars			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	\$7,600	\$19,800	\$15,200	\$24,800	\$17,700	\$24,400	\$20,400	\$26,500	\$23,600	\$25,700	\$24,200	22.2	–5.8
Engineering	12,200	31,800	22,400	36,500	24,100	33,200	26,600	34,700	30,900	33,600	30,900	–2.8	–8.0
Business and management	10,200	26,600	16,300	26,600	18,700	25,800	21,100	27,500	24,700	26,900	27,100	1.9	0.7
Health professions	8,600	22,400	17,300	28,200	20,800	28,600	22,600	29,400	31,500	34,200	31,300	39.7	–8.5
Education ²	6,300	16,400	11,500	18,700	13,800	19,000	15,800	20,600	19,100	20,800	19,300	17.7	–7.2
Public affairs and social services	—	—	13,700	22,300	15,100	20,800	17,700	23,100	20,800	22,600	22,000	—	–2.7
Biological sciences	6,500	16,900	14,500	23,600	15,100	20,800	16,400	21,400	21,100	22,900	22,800	34.9	–0.4
Mathematics and other sciences	7,000	18,200	16,300	26,600	17,500	24,100	22,500	29,400	27,200	29,500	25,400	39.6	–13.9
Psychology	—	—	12,500	20,400	14,600	20,100	17,300	22,600	19,200	20,800	19,500	—	–6.3
Social sciences	6,700	17,500	14,000	22,800	15,800	21,800	20,300	26,500	22,200	24,200	22,100	26.3	–8.7
History	—	—	—	—	—	—	—	—	—	—	21,000	—	—
Humanities	5,800	15,100	12,600	20,500	14,000	19,300	16,200	21,200	19,100	20,700	21,300	41.1	2.9
Communications ³	—	—	—	—	16,200	22,300	—	—	—	—	—	—	—
Miscellaneous	6,800	17,700	15,100	24,600	18,600	25,600	17,600	23,000	20,800	22,600	21,600	22.0	–4.4

¹ Reported salaries of full-time workers under \$2,600 in 1976, \$4,200 in 1981, \$5,000 in 1985, and \$1,000 in 1994 were excluded from the tabulations. Also, those with salaries over \$500,000 in 1994 were excluded.

² Most educators work 9- to 10-month contracts.

³ In 1994, data were not collected in Communications as a separate field of study.

—Data not available.

NOTE.—Data exclude bachelor’s recipients from U.S. Service Schools and graduates living at foreign addresses at the time of the survey. Constant dollar adjustments based on the Consumer Price Index.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "Recent College Graduates" surveys and "Baccalaureate and Beyond Longitudinal Study, First Follow-up" survey. (This table was prepared July 1997.)

Table 389.—Participation of young adults in voluntary or community service activities, by selected characteristics: 1992 to 1994

Young adult characteristics	Percent participating in voluntary or community service activity									Percentage distribution of volunteer hours per week				
	Any activity	Sports teams or clubs	Church activities	Union, farm, trade, or professional associations	Educational organizations	Youth organizations	Political clubs	Organized volunteer work ¹	Other voluntary group	None ²	Less than 2 hours	2 to 4 hours	4 to 6 hours	6 hours or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1992 to 1994 ³													
Total	37.2	7.2	11.8	1.8	6.0	10.3	3.0	10.4	7.3	62.7	15.2	7.9	5.8	8.3
Sex														
Male	36.8	9.5	11.1	1.9	4.6	11.2	2.9	8.3	7.3	63.2	14.7	7.7	5.6	8.8
Female	37.9	4.9	12.7	1.6	7.1	9.4	3.2	12.6	7.3	62.2	15.8	8.2	6.1	7.9
Race/ethnicity														
White, non-Hispanic	38.5	7.5	11.3	2.0	5.8	10.3	3.1	11.6	7.8	61.5	17.1	8.0	5.5	7.9
Black, non-Hispanic	35.9	6.3	15.8	1.1	6.4	11.5	3.1	5.8	6.2	64.1	9.6	8.1	7.7	10.6
Hispanic	31.7	6.3	11.2	0.8	6.5	9.6	2.3	6.7	5.4	68.4	9.8	7.3	6.0	8.5
Asian	35.8	5.7	10.5	1.4	7.1	8.1	3.4	13.0	8.4	64.2	14.9	8.7	4.3	8.0
American Indian	34.1	12.1	14.6	3.6	6.1	11.9	3.8	5.1	3.9	65.9	8.7	6.3	8.1	11.1
Socioeconomic status ⁴														
Low	26.4	5.0	10.4	0.9	4.0	7.4	1.5	5.9	5.0	73.6	8.2	5.8	4.5	7.9
Low-middle	30.4	6.3	10.8	1.3	3.9	8.3	2.1	7.1	6.3	69.6	11.0	6.0	5.9	7.5
High-middle	38.6	7.0	13.0	2.0	5.8	10.9	3.3	9.2	7.5	61.4	16.9	7.9	6.1	7.8
High	51.1	9.2	14.7	2.7	9.7	14.2	4.9	18.0	10.3	48.9	24.6	11.4	5.9	9.2

¹ E.g., hospital volunteer.² Not a volunteer.³ Sample survey in 1994 based on people who were high school seniors in spring 1992. Respondents to the survey were asked about their voluntary participation in selected organizations over the previous 24-month period.⁴ Socioeconomic status was measured by a composite score on parental education and occupations, and family income. The "Low" SES group is the lowest quartile.

NOTE.—Some persons participated in more than one organization.

SOURCE: U.S. Department of Education, National Center for Education Statistics, "National Education Longitudinal Study, Third Followup." (This table was prepared July 1995.)

Table 390.—Literacy skills of adults, 16 years old and over, by selected characteristics: 1992

Selected characteristics	Prose literacy ¹						Document literacy ²						Quantitative literacy ³					
	Average score	Percent of adults with proficiency at level					Average score	Percent of adults with proficiency at level					Average score	Percent of adults with proficiency at level				
		1	2	3	4	5		1	2	3	4	5		1	2	3	4	5
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Total	272	21	27	32	17	3	267	23	28	31	15	3	271	22	25	31	17	4
Sex																		
Male	272	22	26	31	18	4	269	23	27	31	17	3	277	21	23	31	20	5
Female	273	20	28	33	17	3	265	23	30	31	14	2	266	23	28	31	15	3
Age																		
16 to 18 years old	271	16	35	38	11	1	274	15	34	38	12	1	268	20	35	33	12	1
19 to 24 years old	280	14	29	37	18	2	280	14	29	37	18	2	277	16	28	37	16	2
25 to 39 years old	284	15	24	34	22	5	282	16	25	35	21	4	283	17	23	33	21	5
40 to 54 years old	286	15	23	34	22	5	278	17	27	33	19	3	286	16	22	33	23	6
55 to 64 years old	260	26	31	30	12	1	249	30	34	26	8	1	261	25	30	30	13	2
65 years old and older	230	44	32	19	5	1	217	53	32	13	2	(⁴)	227	45	26	20	7	2
Race/ethnicity																		
White	286	14	25	36	21	4	280	16	27	34	19	3	287	14	24	35	21	5
Black	237	38	37	21	4	(⁴)	230	43	36	18	3	(⁴)	224	46	34	17	3	(⁴)
Asian or Pacific Islander	242	36	25	25	12	2	245	34	25	28	12	2	256	30	23	27	16	4
American Indian	254	25	39	28	7	1	254	27	37	29	7	(⁴)	250	33	32	28	7	1
Hispanic, Mexican	206	54	25	16	5	(⁴)	205	54	25	16	4	(⁴)	205	54	25	17	4	(⁴)
Hispanic, Cuban	211	53	24	17	6	1	212	48	30	16	4	2	223	46	20	25	6	3
Hispanic, Puerto Rican	218	47	32	17	3	(⁴)	215	49	29	18	3	(⁴)	212	51	28	17	3	1
Hispanic, Central/South American	207	56	22	17	4	(⁴)	206	53	25	16	4	(⁴)	203	53	25	18	4	(⁴)
Hispanic, other	260	25	27	33	13	2	254	28	26	32	12	2	246	31	25	31	11	1
Highest level of education																		
Still in high school	271	16	36	37	11	(⁴)	274	15	35	38	12	1	269	19	35	32	12	1
0 to 8 years, not enrolled	177	75	20	4	(⁴)	(⁴)	170	79	18	3	(⁴)	(⁴)	169	76	18	5	1	(⁴)
9 to 12 years, not enrolled	231	42	38	17	2	(⁴)	227	46	37	15	2	(⁴)	227	45	34	17	3	(⁴)
GED	268	14	39	39	7	(⁴)	264	17	42	34	7	(⁴)	268	16	38	35	10	1
High school diploma	270	16	36	37	10	1	264	20	38	33	9	1	270	18	33	37	12	1
Some college	294	8	23	45	22	3	290	9	27	42	20	2	295	8	23	42	23	4
Associate degree	308	4	19	41	32	4	299	6	23	43	25	3	307	4	19	43	29	5
Bachelor's degree	322	4	11	35	40	10	314	4	15	37	36	8	322	4	12	35	38	12
Graduate studies/degree	336	2	7	28	47	16	326	3	10	34	41	12	334	2	9	30	42	17
Region																		
Northeast	270	22	28	31	16	3	264	24	29	30	14	2	267	24	25	31	16	4
Midwest	279	16	28	35	18	3	274	19	30	33	16	2	280	17	26	34	19	4
South	267	23	28	30	15	3	262	26	29	29	14	2	265	25	27	29	15	4
West	276	20	23	33	21	4	271	22	24	32	18	3	276	20	22	32	20	5
Prison population	246	31	37	26	6	(⁴)	240	33	38	25	4	(⁴)	236	40	32	22	6	1

¹ Prose literacy is the ability to understand and use information contained in various kinds of textual material. A level 1 task rated 0 to 225 requires the reader to locate a single piece of information in a short text. A level 2 task rated 226 to 275 requires the reader to locate a single piece of information in the text with several distractors or to make low-level inferences. A level 3 task rated 276 to 325 requires the reader to make literal or synonymous matches between the text and information given in the task, or to make low-level inferences. A level 4 task rated 326 to 375 requires the reader to perform multiple-feature matches and to integrate or synthesize information from complex passages. A level 5 task rated 376 to 500 requires the reader to search for information in dense text which contains a number of distractors.

² Document literacy reflects the knowledge and skills used to process information from documents. A level 1 task rated 0 to 225 requires the reader to locate pieces of information based on a literal match. A level 2 task rated 226 to 275 requires the reader to match a single piece of information among several distractors. A level 3 task rated 276 to 325 requires the reader to integrate multiple pieces of information from one or more documents. A level 4 task rated 326 to 375 requires the performance of multiple-feature matches, cycling through documents, and integrating informa-

tion. A level 5 task rated 376 to 500 requires the reader to search through complex displays that contain multiple distractors, to make high-level text-based inferences.

³ Quantitative literacy is the ability to perform numerical operations in everyday life. A level 1 task rated 0 to 225 requires the reader to perform a single, relatively simple, arithmetic operation. A level 2 task rated 226 to 275 requires the reader to perform a single operation using numbers that are either stated in the task or easily located in the material. A level 3 task rated 276 to 325 requires the reader to use two or more numbers to solve the problem. A level 4 task rated 326 to 375 requires the reader to perform two or more sequential operations or a single operation in which the quantities are found in different types of displays. A level 5 task rated 376 to 500 requires the reader to perform multiple operations sequentially. They must extract the features of the problem from text or rely on background knowledge to determine the quantities or operations needed.

⁴ Less than .5 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Adult Literacy Survey, *Adult Literacy in America, 1992*, prepared by Educational Testing Service. (This table was prepared February 1994.)

CHAPTER 6

International Comparisons of Education

This chapter offers a broad perspective on education across the nations of the world. It also provides an international context for examining the condition of education in the United States. In the early 1990s, the National Center for Education Statistics (NCES) expanded its role in collecting international data by serving as the national research center for the International Association for the Evaluation of Educational Achievement (IEA) Reading Literacy Study. In addition, NCES has provided funding for international research studies comparing mathematics and science education, including the Third International Mathematics and Science Study (TIMSS) and the Second International Assessment of Educational Progress. NCES is also cooperating with international agencies in the compilation of statistics and the development of education indicators.

Some of the data in this chapter were drawn from materials prepared by the United Nations Educational, Scientific, and Cultural Organization (UNESCO), the Institute of International Education, the Organization for Economic Cooperation and Development (OECD), and the International Assessment of Educational Progress (IAEP). The basic summary data on enrollments, teachers, enrollment ratios, and finances were synthesized from information appearing in *Education at a Glance* published by OECD. Even though OECD tabulations are very carefully prepared, international data users should be cautioned about the many problems of definition and reporting involved in the collection of data about the educational systems in the world.

This chapter provides information from the Third International Mathematics and Science Study (TIMSS), carried out by the International Association for the Evaluation of Educational Achievement (IEA). The mathematics and science performance of 8th-grade students in 41 countries, and 4th-grade students in 26 countries, was studied through assessments administered during 1994–95. The mathematics and science performance of students at the end of secondary schooling (12th grade in the United States) was also assessed at the same time.

A different perspective is provided by data on foreign students enrolled in U.S. institutions of higher education. These data from the Institute of Inter-

national Education provide information on the number of foreign students and their countries of origin.

Further information on survey methodologies is in the “Guide to Sources” in the appendix and in the publications cited in the source notes.

Population

The percent of young people in a population can influence the proportion of national income spent per student. Countries with a greater proportion of young people must set aside larger proportions of domestic product for their education. Among the OECD countries, Turkey had the largest percentage of young people ages 5 to 13 at 19.7 percent in 1995. The closest followers were Ireland at 15.2 percent, and Korea at 14.5 percent. Countries with relatively small numbers of persons in this age group included Italy at 9.1 percent, and Denmark at 9.7 percent. The proportion of 5- to 13-year-olds in the United States was 13.0 percent, which was higher than most other OECD countries (table 391).

Enrollments

In 1995, over 1 billion students were enrolled in schools around the world. Of these students, 650 million were in elementary-level programs, 372 million were in secondary programs, and 82 million were in higher education programs (table 393).

Between 1980 and 1995, enrollment changes varied from region to region. Elementary enrollment changes ranged from increases of 54 percent in Africa and 25 percent in Central and South America to a 9 percent decrease in Europe. Enrollment increases at the secondary level generally outpaced increases at the primary (elementary) level, especially in Africa (112 percent), Oceania (76 percent), Central and South America (52 percent), and Asia (51 percent). Secondary-level enrollment increased in Europe by 11 percent, and decreased in Northern America (United States, Canada, and Greenland) by 1 percent (table 393).

Pupil/teacher ratios in elementary and secondary schools vary from country to country. Developed countries with relatively low pupil/teacher ratios at the elementary level in 1995 were Italy (11.0) and Denmark (11.1). Countries with relatively high ratios in-

cluded Turkey (27.7) and Ireland (23.4) (table 395). At the postsecondary level, developing areas of the world had substantial increases in enrollment between 1980 and 1995. Postsecondary enrollment rose by 146 percent in Africa and by 116 percent in Asia. Postsecondary enrollment in Oceania and Central and South America increased by 181 percent and 65 percent, respectively, followed by Europe at 30 percent and Northern America at 22 percent. These increases are due to growth in the postsecondary attendance rates and increased population (tables 393 and 394).

Postsecondary enrollment varied among countries partially due to differing definitions of postsecondary education and at what age it begins. In 1994, among the OECD countries, Canada reported the largest proportion of 18- to 21-year-olds enrolled in postsecondary education at 40 percent, followed by the United States (35 percent), France (33 percent), Ireland (31 percent), and New Zealand (31 percent). For the 22 to 25 age group, Finland's enrollment rate was highest at 27 percent, with Norway following at 24 percent, Canada at 23, Denmark at 22 percent, and the United States at 21 (table 392).

In 1996–97 there were 458,000 foreign students studying at U.S. colleges and universities. This was about the same as the year before. Approximately 57 percent of the students were from South and East Asian countries (table 414).

Achievement

TIMSS is the largest, most comprehensive comparative study of education that has ever been undertaken, testing a half million students. The study was designed to focus on students at different stages in school: midway through elementary school, midway through lower secondary school, and at the end of upper secondary school. Results from the 4th- and 8th-grade levels were released in late 1996 and 1997, respectively. Findings for 12th-grade were released in early 1998.

The results of the 1994–95 TIMSS show U.S. 4th-graders performing above the international average in both mathematics and science, and showing a stronger standing relative to other countries than 8th- and 12th-graders in both subjects. In addition, U.S. students perform better in science overall than in mathematics compared to their international counterparts at the 4th- and 8th-grade levels.

Mathematics

In the 1994–95 TIMSS assessment in mathematics, U.S. 4th-graders scored above the international average of the 26 countries that participated. Fourth-graders performed below students in 7 countries, not significantly different from students in 6 countries, and above students in 12 countries. U.S.

4th-graders scored below Japan, not significantly different from Canada, and above England (table 403). U.S. 8th-graders scored below the international average of the 41 countries that were tested. In mathematics, U.S. 8th-graders scored below their counterparts in 20 countries, including top performer Singapore, but not significantly different from England and Germany (table 397). U.S. 12th-graders performed below the international average, and among the lowest of the 21 TIMSS countries on the assessment of mathematics general knowledge. U.S. students were outperformed by those in 14 countries, outperformed students in 2 countries, and were not significantly different from those in 4 countries (table 405).

Science

U.S. 4th-graders performed above the international average of the 26 countries assessing 4th-grade students in science. Only Korea scored above the United States, with U.S. 4th-graders outperforming 19 other countries, including England and Canada. The remaining countries' scores, including Japan's, were not significantly different from those of U.S. 4th-grade students (table 404). U.S. 8th-graders compared more favorably with other countries in science than in mathematics, scoring above the international average of 41 countries. U.S. 8th-grade students scored below their peers in 9 countries, not significantly different from 16 countries, including Canada, England, and Germany, and outperformed students in 15 nations (table 399). U.S. 12th-graders performed below the international average and among the lowest scoring of the 21 TIMSS countries on the assessment of general science knowledge. U.S. students were outperformed by students in 11 countries, outperformed students in 2 countries, and did not score significantly different from students in 7 countries (table 406).

U.S. 4th-grade students were above the international average in all four science content areas studied by TIMSS. Among the five science content areas assessed at the 8th-grade level in TIMSS, U.S. students performed above the international average in earth science, life science, and environmental issues, and no different from the international average in chemistry and physics (table 404).

Degrees

Ratios of bachelor's degrees conferred per hundred 22- or 23-year-olds in 1994 ranged from 7 in Turkey and 9 in Switzerland to 32 in the United States and 35 in Australia. In 1994, women had higher bachelor's degree ratios than men in 13 out of 16 countries reporting data (table 409).

Countries pay careful attention to the percent of graduates in the fields of mathematics and science. Regarding the percent of undergraduate degrees

awarded in science fields (including natural sciences, mathematics and computer science, and engineering), OECD countries reported rates from 15 to 37 percent for 1995. Ireland, Germany and Finland were over 30 percent, while Canada, Australia, Italy, Norway, Portugal, and Spain were under 20 percent (table 410). The proportion of graduate degrees awarded in science fields also ranged widely across countries in 1991. Among the countries with the highest proportions were Japan (54 percent), Sweden (44 percent), and Austria (37 percent). Among the countries with the lowest proportions were the United States (14 percent), Australia (14 percent), New Zealand (19 percent), and Canada (20 percent) (table 411).

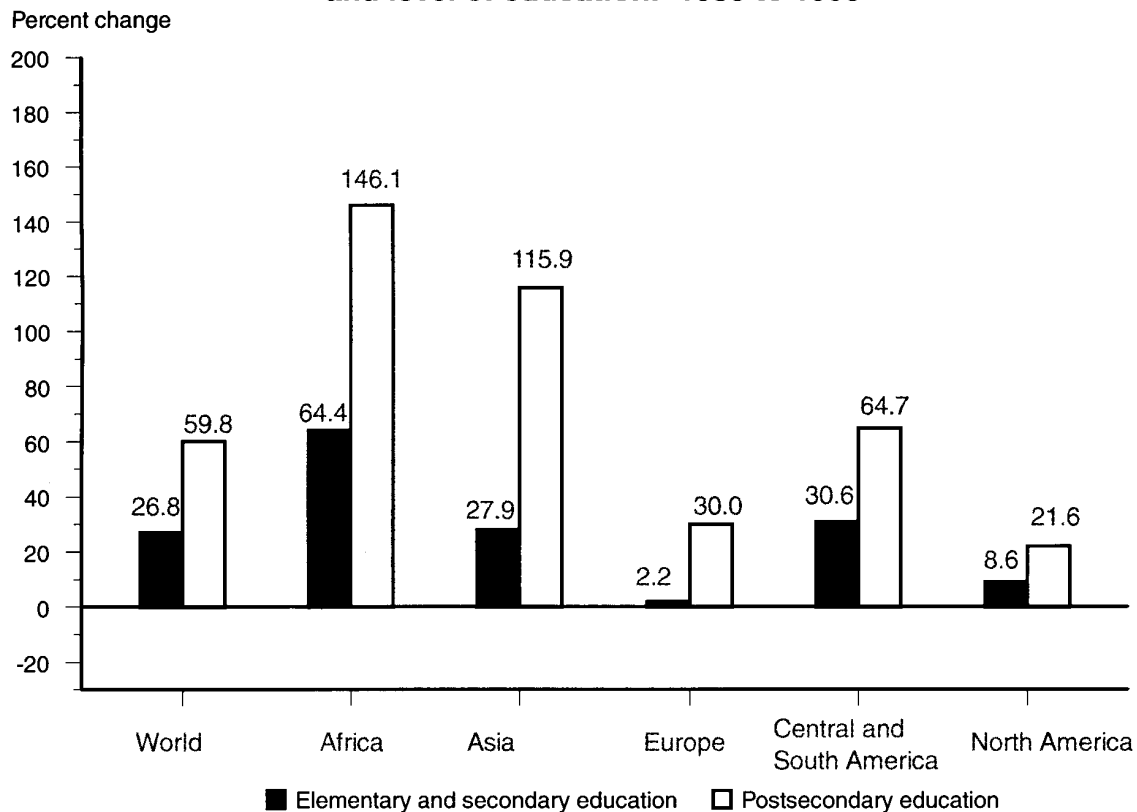
Finances

In general, higher income countries spend more per student than lower income countries. At the pri-

mary level of education, Sweden, the United States, and Switzerland ranked at the upper end of per pupil expenditures in 1993. For primary education per student, Sweden spent about \$4,900 per student, the United States spent \$5,500, and Switzerland spent about \$5,800. At the secondary level, Switzerland, Austria, United States, Germany and Denmark had expenditures over \$6,000 per student. Switzerland, the United States, and Sweden spent relatively large amounts per student in higher education, with each having expenditures per student over \$12,000 (table 412).

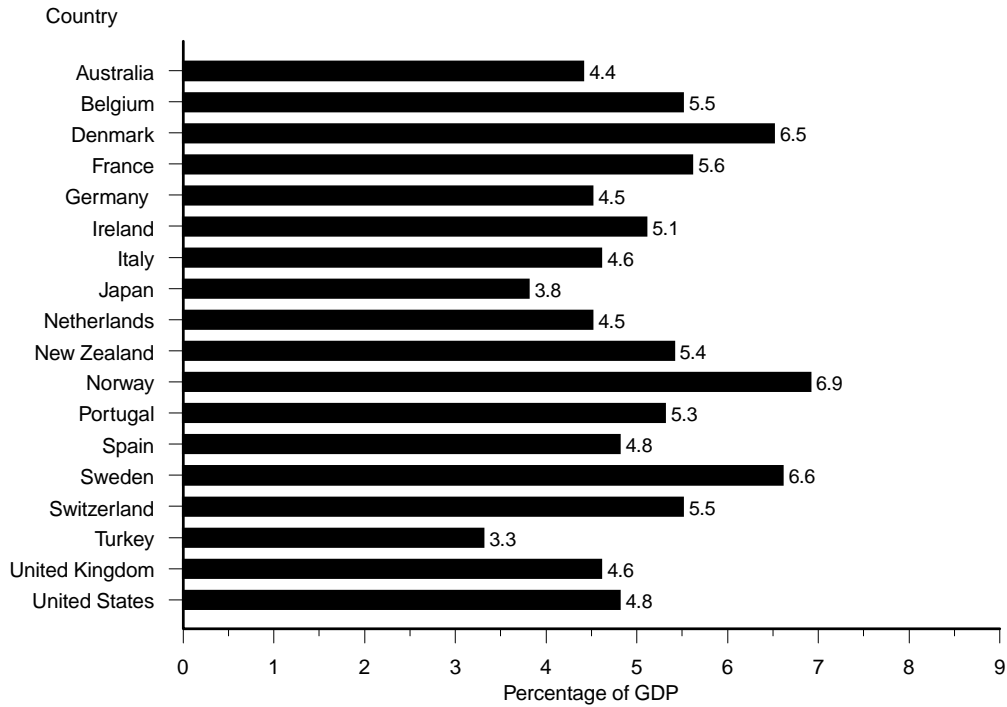
A comparison of public expenditures on education as a percent of gross domestic product (GDP) in OECD countries shows that national investment in education in 1994 ranged from 3.3 percent of GDP in Turkey to 6.9 percent in Norway (table 413).

Figure 28.-Percent change in enrollment, by area of the world and level of education: 1980 to 1995



SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, *Statistical Yearbook*, various years.

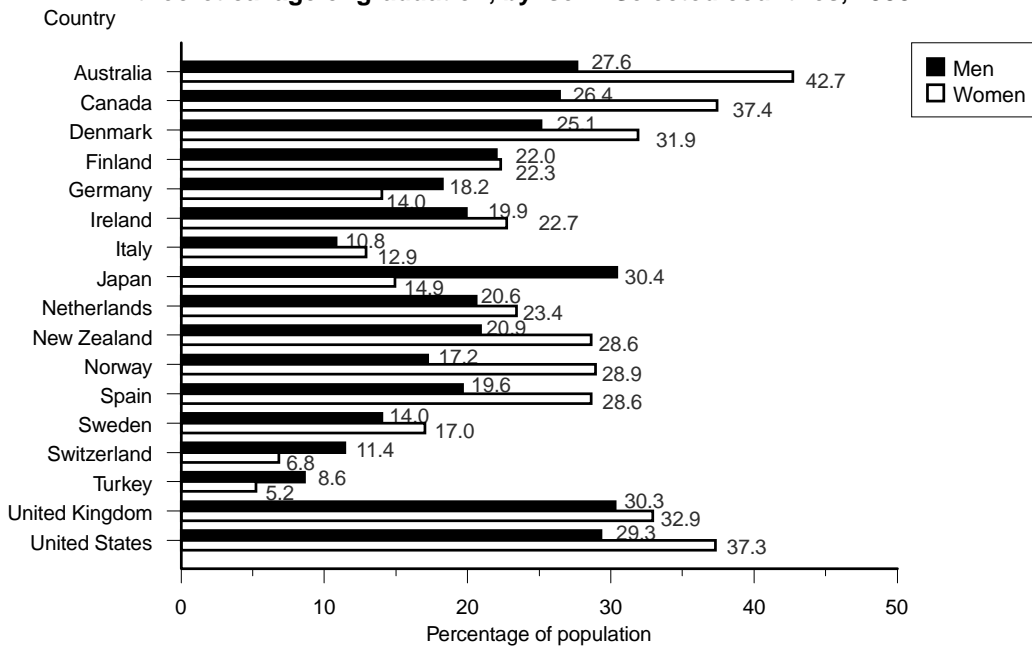
Figure 29.-Public expenditures for education as a percentage of the gross domestic product: Selected countries, 1994



SOURCE: Organization for Economic Cooperation and Development, unpublished data.

42.7

Figure 30.-Bachelor's degree recipients as a percentage of population of the theoretical age of graduation, by sex: Selected countries, 1995



SOURCE: Organization for Economic Cooperation and Development, unpublished data.

Figure 31.-Average mathematics performance of other countries compared with the United States: 1995

Fourth grade			Twelfth grade		
Average scores significantly higher than the United States			Average scores significantly higher than the United States		
Singapore			(Netherlands)	(Norway)	(Austria)
Korea			Sweden	(France)	(Slovenia)
Japan			(Denmark)	New Zealand	(Germany)
Hong Kong			Switzerland	(Australia)	Hungary
(Netherlands)			(Iceland)	(Canada)	
Czech Republic					
(Austria)					
Average scores not significantly different from the United States			Average scores not significantly different from the United States		
(Slovenia)	Canada		(Italy)		
Ireland	(Israel)		(Russian Federation)		
(Hungary)			(Lithuania)		
(Australia)			Czech Republic		
Average scores significantly lower than the United States			Average scores significantly lower than the United States		
(Latvia)	Norway	Portugal	(Cyprus)		
Scotland	New Zealand	Iceland	(South Africa)		
England	Greece	Iran, Islamic Republic			
Cyprus	(Thailand)	(Kuwait)			

NOTE: Nations not meeting international guidelines are shown in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Pursuing Excellence: A Study of U.S. Fourth-Grade Mathematics and Science Achievement in International Context*, 1997 and *Pursuing Excellence: A Study of U.S. Twelfth-Grade Mathematics and Science Achievement in International Context*, 1998.

Figure 32.-Average science performance of other countries compared with the United States: 1995

Fourth grade			Twelfth grade		
Average scores significantly higher than the United States			Average scores significantly higher than the United States		
Korea			Sweden	(Canada)	(Austria)
			(Netherlands)	New Zealand (Slovenia)	
			(Iceland)	(Australia)	(Denmark)
			(Norway)	Switzerland	
Average scores not significantly different from the United States			Average scores not significantly different from the United States		
Japan			(Germany)	(Italy)	
(Austria)			(France)	Hungary	
(Australia)			Czech Republic	(Lithuania)	
(Netherlands)			(Russian Federation)		
Czech Republic					
Average scores significantly lower than the United States			Average scores significantly lower than the United States		
England	Hong Kong	Iceland	(Cyprus)		
Canada	(Hungary)	Greece	(South Africa)		
Singapore	New Zealand	Portugal			
(Slovenia)	Norway	Cyprus			
Ireland	(Latvia)	(Thailand)			
Scotland	(Israel)	Iran, Islamic Republic			
		(Kuwait)			

NOTE: Nations not meeting international guidelines are shown in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Pursuing Excellence: A Study of U.S. Fourth-Grade Mathematics and Science Achievement in International Context*, 1997 and *Pursuing Excellence: A Study of U.S. Twelfth Grade Mathematics and Science Achievement in International Context*, 1998.

Table 391.—School-age populations as a percent of total population: Selected countries, 1985, 1990, and 1995

Country	5- to 13-year-olds as a percent of total population			14- to 17-year-olds as a percent of total population		
	1985	1990	1995	1985	1990	1995
1	2	3	4	5	6	7
Australia	14.5	13.1	12.9	6.6	6.4	5.6
Belgium	11.4	10.9	10.7	5.8	5.1	4.9
Canada	12.8	12.4	12.2	6.1	5.5	5.4
Czech Republic	—	—	11.6	—	—	6.5
Denmark	12.0	10.1	9.7	5.8	5.7	4.7
Finland	11.5	11.8	11.4	5.6	4.9	5.1
France	12.8	12.1	12.0	6.2	5.8	5.3
Germany ¹	9.1	8.7	10.0	6.1	4.1	4.3
Greece	—	—	10.7	—	5.5	5.8
Iceland	15.7	15.0	14.3	6.7	6.8	6.4
Ireland	17.9	17.5	15.2	7.7	8.0	7.8
Italy	12.7	10.3	9.1	6.5	6.0	4.8
Japan	14.0	11.8	10.2	6.2	6.5	5.4
Korea	—	—	14.5	—	—	7.1
Luxembourg	10.2	10.1	10.5	5.5	4.4	4.4
Netherlands	12.0	10.7	10.8	6.8	5.4	4.8
New Zealand	15.3	13.5	13.5	7.5	6.7	5.7
Norway	12.5	11.0	11.2	6.4	5.8	4.9
Portugal	15.3	14.3	10.9	6.9	6.8	6.1
Russian Federation	—	—	14.3	—	—	5.8
Spain	15.0	12.9	10.2	6.8	6.8	6.2
Sweden	11.3	10.2	10.8	5.4	5.2	4.6
Switzerland	10.6	10.1	10.4	5.8	4.8	4.5
Turkey	20.6	20.6	19.7	8.7	8.9	8.8
United Kingdom	11.4	11.1	11.6	6.3	5.2	4.8
United States	12.6	12.8	13.0	6.2	5.4	5.5

¹ Data for 1985 are for the former West Germany.
—Data not available.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, 1996; and unpublished data. (This table was prepared July 1997.)

Table 392.—Percent of population enrolled in secondary and postsecondary institutions, by age group: Selected countries, 1985, 1990, and 1995

Country	Secondary schools, 16 years old ¹			Secondary schools, 17 years old ¹			Postsecondary institutions								
							18 to 21 years old			22 to 25 years old			26 to 29 years old		
	1985	1990	1995	1985	1990	1995	1985	1990	1995	1985	1990	1995	1985	1990	1995
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Belgium	90.0	—	98.9	80.9	—	96.7	24.5	—	40.7	7.2	—	16.5	1.5	—	4.4
Canada	—	—	86.5	—	—	68.5	—	—	37.9	—	—	22.0	—	—	9.5
Denmark	31.2	34.6	28.9	69.3	73.1	73.3	7.4	7.4	8.9	16.3	17.9	22.6	8.2	9.3	11.2
Finland	74.6	89.7	84.3	80.5	81.7	88.5	9.3	13.6	17.5	17.3	20.7	27.4	7.9	10.2	12.9
France	67.0	68.2	78.6	72.4	79.7	86.5	19.3	24.6	34.2	10.0	11.8	17.7	4.3	3.9	4.6
Germany ²	52.3	46.5	42.6	82.7	81.2	80.1	8.8	8.5	—	—	15.9	17.0	8.9	10.3	11.4
Ireland	—	79.2	83.8	—	68.0	74.9	—	20.5	29.1	—	—	15.0	—	—	—
Japan	—	93.5	100.4	—	88.6	96.6	—	—	—	—	—	—	—	—	—
Netherlands	41.7	45.0	53.0	55.6	58.5	73.7	14.4	17.9	23.2	11.9	13.4	18.7	5.7	4.7	5.6
New Zealand	—	79.9	98.5	—	57.2	76.9	—	20.7	27.9	—	14.8	11.9	—	—	7.3
Norway	83.4	90.4	94.1	76.1	82.6	90.2	8.6	13.5	17.5	13.9	17.4	23.6	6.2	7.5	10.0
Portugal	18.0	—	49.3	22.3	—	58.8	5.9	—	17.9	5.4	—	15.7	2.3	—	5.9
Spain	58.2	70.6	82.3	50.9	62.1	74.4	15.0	21.3	25.6	10.7	13.5	17.5	4.0	4.5	5.5
Sweden	86.7	83.1	92.4	82.4	84.6	95.6	7.8	8.7	13.0	11.3	11.4	16.6	6.5	6.1	7.5
Switzerland	58.1	61.9	52.9	78.8	81.7	76.4	5.7	6.4	7.7	10.6	12.1	14.7	5.2	6.4	7.2
Turkey	20.5	27.3	37.8	12.7	17.3	23.9	—	7.3	10.3	—	4.3	7.3	—	2.2	3.2
United Kingdom	67.0	75.6	83.9	45.9	57.4	72.0	15.0	16.1	26.2	7.4	10.6	9.4	—	—	4.8
United States ³	83.6	84.8	81.7	78.1	78.4	73.9	33.2	35.6	34.1	14.6	17.3	21.2	8.2	8.6	10.8

¹ Includes full-time and part-time enrollment.

² Data for 1985 are for the former West Germany.

³ Postsecondary includes higher education only.
—Data not available.

NOTE.—Some increases in enrollment rates may be due to more complete reporting by countries.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, 1996; and unpublished data. (This table was prepared September 1998.)

Table 393.—Estimated population, school enrollment, teachers, and public expenditures for education in major areas of the world: 1980, 1990, 1994, and 1995

Item	World total ¹	Major areas of the world					
		Africa ²	Asia ³	Europe ⁴	Central and South America ⁵	Northern America ⁵	Oceania ⁶
1	2	3	4	5	6	7	8
1980							
Population, all ages, ⁷ in thousands	4,447,405	475,714	2,641,312	693,264	359,306	255,109	22,700
Enrollment, all levels, ⁸ in thousands	857,017	78,024	494,813	132,112	87,211	60,042	4,815
First (primary) level ⁹	541,002	62,128	335,946	52,255	65,310	22,611	2,752
Second level ¹⁰	264,855	14,354	144,617	63,352	16,972	23,913	1,647
Third level ¹¹	51,160	1,542	14,250	16,505	4,930	13,516	416
Teachers, all levels, ⁸ in thousands	38,158	2,340	19,554	8,245	3,731	4,015	272
First (primary) level ⁹	19,009	1,663	10,849	2,530	2,260	1,580	129
Second level ¹⁰	15,360	583	7,491	4,411	1,083	1,679	112
Third level ¹¹	3,788	94	1,215	1,304	388	756	31
Public expenditures on education, in millions of U.S. dollars	\$516,400	\$22,900	\$93,800	\$200,600	\$33,500	\$155,100	\$10,400
As a percent of gross national product	4.8	5.3	4.0	¹¹ 5.1	3.8	5.2	5.6
1990							
Population, all ages, ⁷ in thousands	5,282,359	629,390	3,184,342	722,317	437,822	282,020	26,468
Enrollment, all levels, ⁸ in thousands	981,455	107,796	569,719	131,789	104,937	62,007	5,208
First (primary) level ⁹	596,637	80,595	364,117	48,889	75,504	24,811	2,721
Second level ¹⁰	316,154	24,345	182,222	64,079	22,079	21,569	1,859
Third level ¹¹	68,665	2,856	23,380	18,821	7,353	15,628	628
Teachers, all levels, ⁸ in thousands	47,001	3,791	24,396	9,389	5,166	3,927	331
First (primary) level ⁹	22,571	2,390	12,684	2,765	3,006	1,582	143
Second level ¹⁰	19,362	1,240	9,893	5,114	1,519	1,449	146
Third level ¹¹	5,068	161	1,819	1,511	641	896	41
Public expenditures on education, in millions of U.S. dollars	\$986,500	\$25,700	\$199,800	\$367,500	\$44,600	\$330,300	\$18,600
As a percent of gross national product	4.8	5.6	3.7	¹² 5.1	4.1	5.4	5.6
1994							
Population, all ages, ⁷ in thousands	5,607,060	700,695	3,387,959	727,604	468,945	293,882	27,975
Enrollment, all levels, ⁸ in thousands	1,078,000	125,746	628,247	138,196	112,931	66,135	6,746
First (primary) level ⁹	639,762	92,902	389,493	47,925	80,295	26,243	2,903
Second level ¹⁰	358,867	29,216	209,251	69,413	24,686	23,597	2,703
Third level ¹¹	79,371	3,627	29,503	20,857	7,950	16,294	1,140
Teachers, all levels, ⁸ in thousands	50,848	4,263	26,285	10,121	5,651	4,099	428
First (primary) level ⁹	24,024	2,706	13,353	2,874	3,318	1,622	150
Second level ¹⁰	21,050	1,364	10,801	5,548	1,618	1,503	216
Third level ¹¹	5,773	193	2,131	1,699	714	974	62
Public expenditures on education, in millions of U.S. dollars	\$1,329,900	\$29,100	\$302,100	\$492,600	\$72,800	\$408,900	\$23,500
As a percent of gross national product	4.9	5.9	3.6	5.4	4.5	5.5	6.0
1995							
Population, all ages, ⁷ in thousands	5,687,174	719,497	3,437,791	728,249	476,641	296,644	28,352
Enrollment, all levels, ⁸ in thousands	1,103,959	129,552	645,271	139,580	115,582	66,975	6,999
First (primary) level ⁹	650,179	95,378	395,658	47,663	81,678	26,861	2,941
Second level ¹⁰	372,037	30,378	218,851	70,458	25,784	23,675	2,891
Third level ¹¹	81,742	3,795	30,762	21,459	8,121	16,438	1,168
Teachers, all levels, ⁸ in thousands	51,919	4,451	26,851	10,220	5,814	4,155	428
First (primary) level ⁹	24,329	2,782	13,491	2,851	3,386	1,668	153
Second level ¹⁰	21,670	1,460	11,167	5,627	1,699	1,504	212
Third level ¹¹	5,919	209	2,193	1,742	728	984	64
Public expenditures on education, in millions of U.S. dollars	—	—	—	—	—	—	—
As a percent of gross national product	—	—	—	—	—	—	—

¹ Enrollment and teacher data exclude the Democratic People's Republic of Korea. Expenditure data exclude Albania, Cambodia, Democratic People's Republic of Korea, Lao People's Democratic Republic, Lebanon, Mongolia, Mozambique, South Africa, and Viet Nam.

² Excludes Rodrigues and other small islands.

³ Excludes the former U.S.S.R., the Democratic People's Republic of Korea, and Arab states, but includes both the Asian and the European portions of Turkey.

⁴ Includes the former U.S.S.R.

⁵ Northern America includes Bermuda, Canada, Greenland, St. Pierre, and the United States of America. Hawaii is included in Northern America rather than Oceania. Central and South America includes Latin America and the Caribbean.

⁶ Includes American Samoa, Australia, Cook Islands, Fiji, French Polynesia, Guam, Kiribati, Marshall Islands, Federated States of Micronesia, Nauru, New Caledonia, New Zealand, Niue, Norfolk Island, Northern Mariana Islands, Pacific Islands, Papua New Guinea, Pitcairn, Samoa, Solomon Islands, Tokelau, Tonga, Tuvalu, Republic of Vanuatu, and Wallis and Fortuna Islands.

⁷ Estimate of midyear population.

⁸ Excludes special and adult education provided outside regular schools. Data prior to 1992 exclude preprimary.

⁹ First level enrollment generally consists of elementary school, grades 1–6.

¹⁰ Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.

¹¹ Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.

¹² This figure is for Europe, not including the former U.S.S.R.

—Data not available.

SOURCE: United Nations Educational, Scientific, and Cultural Organization, Paris, 1996 *Statistical Yearbook*, Facts on Education, Technology, and Culture Worldwide. (This table was prepared October 1998.)

Table 394.—Selected statistics for countries ¹ with populations over 10 million, by continent: 1980, 1990, and 1995

Country	Population in millions			Persons per square kilometer in 1995	First level ²					
	1980	1990	1995		Enrollment in thousands			Enrollment ratio ⁶		
					1980	1990	1995	1980	1990	1995
1	2	3	4	5	6	7	8	9	10	11
World total⁷	4,447.4	5,282.4	5,687.2	42	541,002	596,637	650,179	96	99	100
Africa										
Algeria ⁸	18.7	24.9	28.1	12	3,119	4,189	4,618	94	100	107
Angola	7.0	9.2	10.8	9	1,301	990	—	174	91	—
Cameroun	8.7	11.5	13.2	28	1,379	1,964	⁹ 1,897	98	101	⁹ 88
Cote D'Ivoire	8.2	11.7	13.7	42	1,025	1,415	1,662	75	67	69
Egypt ⁸	43.7	56.3	62.1	62	4,663	6,964	¹⁵ 7,470	73	94	100
Ethiopia	36.4	48.1	56.4	51	2,131	2,466	⁹ 2,722	36	33	⁹ 31
Ghana	10.8	15.0	17.3	73	¹⁹ 1,378	1,945	—	79	77	—
Kenya ⁸	16.6	23.5	27.2	47	3,927	5,392	5,545	115	95	85
Madagascar ⁸	9.1	12.6	14.9	25	1,724	1,571	¹⁰ 1,505	133	84	¹⁰ 72
Morocco	19.4	24.0	26.5	59	2,172	2,484	3,102	83	67	83
Mozambique ⁸	12.1	14.2	17.3	22	1,387	1,260	1,415	99	67	60
Nigeria ⁸	72.0	96.2	111.7	121	²² 12,117	13,607	⁹ 16,191	105	85	⁹ 89
South Africa	29.2	37.1	41.5	34	4,353	6,952	8,061	85	109	117
Sudan ⁸	18.7	24.1	26.7	11	1,464	2,043	3,024	50	50	⁹ 54
Uganda	13.1	16.6	19.7	82	1,292	2,470	2,912	²⁶ 50	²⁶ 73	²⁶ 73
United Republic of Tanzania	18.6	25.5	30.0	34	²⁷ 3,368	²⁷ 3,379	3,878	93	70	67
Zaire	27.0	37.4	45.5	19	4,196	4,562	⁹ 5,418	92	70	⁹ 72
Zimbabwe	7.1	9.9	11.2	29	1,235	2,116	2,483	85	116	116
Asia										
Afghanistan ⁸	16.1	14.8	19.7	30	1,116	623	1,312	34	27	49
Bangladesh	88.2	109.8	118.2	821	8,240	11,940	—	61	69	—
China ⁸	998.9	1,155.3	1,220.2	127	146,270	122,414	131,951	113	127	118
India	688.9	850.8	929.0	283	73,873	99,118	109,734	83	97	100
Indonesia	151.0	182.8	197.5	104	25,537	29,754	⁹ 29,722	107	115	⁹ 114
Iran, Islamic Republic of ⁸	39.3	59.2	68.4	42	4,799	9,370	⁹ 9,746	87	110	⁹ 99
Iraq	13.0	18.1	20.1	46	2,616	3,328	—	113	111	—
Japan	116.8	123.5	125.1	331	11,827	9,373	8,370	101	100	102
Kazakhstan	14.9	16.7	16.8	6	1,064	1,197	1,373	84	87	96
Korea, North (DPR)	17.7	20.4	22.1	183	—	²⁹ 1,543	—	—	—	—
Korea, South (Republic of)	38.1	42.9	44.9	452	5,658	4,869	3,916	110	105	—
Malaysia	13.8	17.9	20.1	61	2,009	2,456	2,803	93	93	91
Myanmar (former Burma)	33.8	41.4	45.1	67	4,148	5,385	5,414	91	105	100
Nepal ⁸	14.5	18.8	21.5	152	1,068	2,789	¹⁰ 3,092	86	108	¹⁰ 110
Pakistan	85.3	119.1	136.3	171	5,474	11,451	¹⁰ 15,532	39	61	¹⁰ 74
Philippines	48.3	60.8	67.8	226	¹⁹ 8,034	10,427	11,542	112	113	116
Saudi Arabia	9.6	16.0	18.3	8	927	1,877	2,248	61	73	78
Sri Lanka ⁸	14.8	17.1	17.9	273	2,081	2,112	1,962	103	105	113
Syrian Arab Republic	8.7	12.4	14.2	77	1,556	2,452	2,673	100	108	101
Thailand ⁸	46.7	55.6	58.2	114	7,393	6,957	5,962	99	99	87
Turkey	44.4	56.1	60.8	79	5,656	6,862	⁹ 6,467	96	99	⁹ 105
Uzbekistan	16.0	20.5	22.8	51	1,391	1,778	⁹ 1,906	81	81	⁹ 77
Vietnam ⁸	53.7	66.7	73.8	222	7,887	8,862	10,229	109	103	114
Yemen	8.2	11.6	15.0	28	703,369	³¹ 1,671	¹⁰ 2,679	—	1	¹⁰ 79
Europe										
Belarus	9.7	10.3	10.4	50	750	615	632	104	95	97
Czechoslovakia (former) ⁸	15.3	15.6	15.6	—	1,904	1,924	^{9,34} 861	—	—	⁹ 103
Czech Republic	10.3	10.3	10.3	130	—	546	⁹ 539	—	—	⁹ 103
Slovakia	5.0	5.3	5.3	109	—	—	330	—	—	100
France	53.9	56.7	58.1	105	4,610	4,149	⁹ 4,072	111	108	⁹ 106
Germany ³⁵	78.3	79.4	81.6	229	3,636	3,431	⁹ 3,727	—	101	⁹ 102
Greece	9.6	10.2	10.5	79	901	813	⁹ 711	103	98	—
Hungary	10.7	10.4	10.1	109	1,162	1,131	⁹ 985	96	95	⁹ 97
Italy	56.4	57.0	57.2	190	4,423	3,056	⁹ 2,816	100	97	⁹ 98
Netherlands ⁸	14.1	15.0	15.5	379	1,333	1,082	⁹ 1,189	100	102	⁹ 107
Poland	35.6	38.1	38.6	119	4,167	5,189	⁹ 5,205	100	98	⁹ 98
Romania	22.2	23.2	22.7	95	3,237	1,253	1,392	102	91	100
Russian Federation	138.7	148.3	148.5	9	6,009	7,596	⁹ 7,849	102	109	⁹ 108
Spain	37.5	39.3	39.6	78	3,610	2,820	⁹ 2,365	109	107	⁹ 105
Ukrainian S.S.R.	50.0	51.9	51.8	86	3,592	3,991	^{9,38} 2,659	102	89	¹⁰ 87
United Kingdom	56.3	57.6	58.1	238	¹⁹ 4,911	¹⁹ 4,533	^{9,19} 5,209	103	104	^{9,40} 115
Yugoslavia, Federal Republic	9.5	10.2	10.3	100	1,432	467	449	—	72	72
North America										
Canada	24.6	27.8	29.4	3	2,185	2,376	⁹ 2,413	99	103	⁹ 102
Cuba ⁸	9.7	10.6	11.0	99	1,469	888	1,074	106	98	105
Mexico	67.6	83.2	91.1	47	14,666	14,402	⁹ 14,574	120	114	⁹ 115
United States ⁴²	230.4	254.1	267.1	29	20,420	22,429	⁹ 23,824	99	102	⁹ 102
South America										
Argentina	28.1	32.5	34.8	13	3,917	4,965	⁹ 5,181	106	106	⁴⁴ 113
Brazil ⁸	121.7	148.0	159.0	19	22,598	28,944	⁹ 31,220	98	106	⁹ 112
Chile	11.1	13.1	14.2	19	2,185	²⁷ 1,991	2,150	109	100	99
Colombia	26.5	32.6	35.8	31	4,168	4,247	4,693	124	112	114
Ecuador	8.0	10.3	11.5	40	1,534	1,846	⁹ 1,777	117	116	⁹ 109
Peru	17.3	21.6	23.5	18	3,161	3,855	4,138	114	²⁵ 118	⁹ 121
Venezuela	15.1	19.5	21.8	24	⁴⁵ 3,158	⁴⁵ 4,053	^{10,45} 4,217	93	96	¹⁰ 94
Oceania										
Australia	⁴⁷ 14.6	⁴⁷ 16.9	17.9	2	1,718	1,583	1,647	112	108	108

¹ Selection based on total population for midyear 1993.

² First level enrollment generally consists of elementary school, grades 1–6.

³ Second level enrollment includes general education, teacher training (at the second level), and technical and vocational education. This level generally corresponds to secondary education in the United States, grades 7–12.

⁴ Third level enrollment includes college and university enrollment, and technical and vocational education beyond the high school level. There is considerable variation in reporting from country to country.

⁵ In many countries, a child may be exempt from school attendance if there is no suitable school within a reasonable distance of his/her home.

⁶ Data are the total enrollment of all ages in the school level divided by the population of the specific age groups which correspond to the school level. The year shown in this column is the one in which the school or academic year starts. Adjustments have been made for the varying lengths of first and second level programs. Because some countries have many students from outside the normal age range, ratios may exceed 100.

⁷ Enrollment totals and ratios exclude Democratic People's Republic of Korea. Data do not include adult education or special education provided outside regular schools.

⁸ Classification of first and/or second levels have been revised. Data by level may not be comparable over time.

⁹ Data for 1994–95.

¹⁰ Data for 1993–94.

¹¹ Data exclude Ecole Nationale d'Administration et de Magistrature (ENAM).

¹² Eastern Cameroon.

¹³ Data for 1986–87.

¹⁴ Data for 1988–89.

¹⁵ Data do not include Al Azhar.

¹⁶ Excludes all private institutions.

¹⁷ Data for 1985–86.

¹⁸ Data for 1992.

¹⁹ Data refer to public education only.

²⁰ Data for 1989–90.

²¹ The educational system allows for other alternatives.

²² Data for 1979.

²³ Data for 1984.

²⁴ Data for 1981.

**Table 394.—Selected statistics for countries ¹ with populations over 10 million, by continent:
1980, 1990, and 1995—Continued**

Second level ³						Third level ⁴						Age for compulsory attendance ⁵
Enrollment in thousands			Enrollment ratio ⁶			Enrollment in thousands			Enrollment ratio ⁶			
1980	1990	1995	1980	1990	1995	1980	1990	1995	1980	1990	1995	
12	13	14	15	16	17	18	19	20	21	22	23	24
264,855	316,154	372,037	46	52	58	51,160	68,665	81,742	12.2	13.8	16.2	—
1,028	2,176	2,545	33	61	62	79	286	⁹ 299	5.9	11.4	10.9	6–15
191	186	—	21	12	—	2	7	—	0.4	0.8	—	7–15
234	500	¹⁰ 550	18	28	⁹ 27	¹¹ 12	33	¹⁰ 51	1.6	3.3	—	¹² 6–12
222	—	⁹ 475	19	22	23	20	¹³ 24	—	2.8	¹⁴ 3.1	—	7–13
² 929	¹⁵ 5,507	¹⁵ 6,143	50	76	74	716	¹⁶ 628	—	16.1	15.9	⁹ 18.1	6–13
¹⁷ 666	866	⁹ 756	9	14	⁹ 11	14	34	—	0.4	0.8	⁹ 0.7	7–13
693	²⁰ 830	—	41	37	—	8	10	—	1.6	1.4	—	²¹ 6–14
428	¹⁷ 458	—	20	24	—	13	²⁰ 31	—	0.9	1.6	—	6–14
²² 234	—	—	²³ 29	17	¹⁰ 14	23	36	—	2.6	3.1	—	6–13
797	1,194	1,412	26	35	39	112	256	⁹ 295	5.9	10.6	⁹ 11.3	7–13
²⁴ 108	160	185	5	8	7	1	¹⁸ 5	⁷ —	0.1	¹⁷ 0.1	0.5	²¹ 6–12
²² 1,865	2,908	⁹ 4,451	16	23	⁹ 30	150	²⁰ 336	—	2.2	¹⁷ 3.3	¹⁸ 4.1	6–12
—	²⁵ 2,939	⁹ 3,571	¹³ 55	68	84	—	439	⁹ 618	—	12.8	17.3	7–16
384	732	⁹ 254	16	23	⁹ 13	29	²⁰ 60	—	1.7	3.0	—	6–14
87	268	292	²⁶ 5	²⁶ 13	²⁶ 12	6	18	⁹ 28	²⁶ 0.5	²⁶ 1.2	⁹ 1.5	—
²⁷ 79	²⁷ 167	213	3	5	5	—	²⁰ 5	¹³ —	—	¹⁷ 0.3	0.5	7–13
862	²⁵ 1,097	⁹ 1,541	24	¹⁷ 23	⁹ 26	28	80	⁹ 93	1.2	2.4	⁹ 2.3	6–12
75	661	711	8	49	47	8	49	46	1.3	5.2	6.9	7–15
137	182	513	10	9	22	¹³ 22	24	—	—	1.8	—	7–13
2,659	3,593	—	18	21	—	240	434	—	2.8	4.4	—	6–10
56,778	53,063	63,800	46	49	67	1,161	3,822	5,622	1.7	2.9	5.3	²¹ 7–16
32,748	¹⁷ 44,485	⁹ 66,434	30	44	49	3,545	4,951	5,582	5.2	6.0	6.4	6–14
5,722	10,965	⁹ 12,224	29	44	⁹ 48	543	1,591	2,303	3.6	9.2	—	7–13
2,718	5,085	⁹ 7,653	42	54	⁹ 69	¹⁷ 184	312	1,048	0.0	9.6	⁹ 14.8	6–10
1,033	¹⁷ 1,191	¹⁸ 1,145	57	47	—	107	¹⁴ 210	—	8.7	12.6	—	6–12
9,558	11,026	⁹ 9,879	93	97	⁹ 99	2,412	²⁵ 2,899	⁹ 3,918	30.5	29.1	⁹ 40.3	²¹ 6–15
1,996	²⁹ 2,144	¹⁰ 2,020	93	98	83	525	537	419	34.1	40.1	32.7	6–18
—	2,468	—	—	—	—	—	29 390	196	—	—	—	5–15
4,286	4,560	4,707	78	90	101	³⁰ 648	1,691	2,225	14.7	38.6	52.0	6–15
1,084	1,456	1,625	48	58	57	58	121	⁹ 191	4.1	7.2	—	²¹ 6–16
1,066	1,281	⁹ 1,753	22	23	32	163	²⁵ 196	⁹ 245	4.7	4.3	⁹ 5.4	5–10
512	709	¹⁰ 910	22	33	¹⁰ 38	¹⁹ 34	94	¹⁰ 102	2.7	4.4	5.2	6–11
2,166	4,345	—	14	23	—	¹⁷ 268	337	—	¹⁸ 2.5	2.9	—	—
2,929	4,034	4,810	64	73	79	1,276	1,709	⁹ 1,833	24.4	27.4	⁹ 27.4	7–13
349	893	1,425	29	44	58	62	154	⁹ 234	7.1	11.6	⁹ 15.3	—
1,267	2,082	2,314	55	74	75	43	²⁵ 55	64	2.7	4.6	5.1	5–15
604	914	941	46	52	44	140	222	¹⁸ 194	16.9	18.2	¹⁰ 17.9	6–11
1,920	2,230	⁹ 3,794	29	30	⁵⁵ —	¹⁷ 1,027	²⁰ 952	1,220	14.7	15.7	20.1	6–11
2,218	3,808	⁹ 4,726	35	47	⁹ 56	246	750	⁹ 1,174	5.4	13.1	⁹ 18.2	6–14
2,879	3,195	⁹ 3,319	105	99	⁹ 93	516	603	—	28.5	30.4	¹⁸ 31.7	—
—	—	—	42	32	47	115	130	298	2.1	1.9	4.1	6–11
73	³² 421	¹⁰ 212	—	—	¹⁰ 23	8	²⁵ 53	—	—	²⁹ 4.4	—	6–15
760	968	1,055	98	93	94	340	322	314	38.9	45.7	42.6	^{21,33} 6–15
781	864	—	89	83	—	197	190	—	17.4	16.0	—	6–16
—	—	⁹ 1,193	—	—	⁹ 96	120	118	⁹ 179	17.5	16.0	⁹ 20.8	6–15
—	—	666	—	—	91	—	¹⁸ 66	92	—	—	20.2	6–15
5,014	5,522	⁹ 6,004	85	100	⁹ 111	1,077	1,699	¹⁰ 2,083	25.3	39.6	¹⁰ 49.6	6–16
³⁶ 8,457	7,398	⁹ 8,152	—	98	⁹ 103	1,624	2,049	⁹ 2,140	27.2	33.9	⁹ 42.7	6–18
740	851	¹⁰ 851	81	93	⁹ 95	121	283	⁹ 296	17.1	24.8	⁹ 38.1	²¹ 6–15
357	514	⁹ 523	70	79	⁹ 81	101	102	⁹ 155	14.1	14.0	⁹ 19.1	6–16
5,308	5,118	¹⁰ 4,938	72	79	⁹ 88	1,118	1,452	⁹ 1,792	27.0	30.8	⁹ 40.6	6–13
³⁷ 1,391	1,402	⁹ 1,509	93	120	⁹ 139	360	479	¹⁰ 532	29.3	39.8	¹⁰ 48.9	²¹ 5–16
1,674	1,888	⁹ 2,443	77	81	⁹ 96	589	545	¹⁰ 748	18.1	21.7	¹⁰ 27.4	7–14
871	2,838	2,223	71	92	78	193	²⁰ 165	337	12.1	²⁰ 8.5	18.3	7–14
12,991	13,956	¹⁰ 13,732	96	93	¹⁰ 87	5,700	5,100	⁹ 4,458	46.1	52.2	⁹ 42.9	²¹ 7–17
3,977	4,755	⁹ 4,745	87	105	¹⁰ 118	698	1,222	⁹ 1,527	23.2	36.7	⁹ 46.1	6–15
3,408	3,408	⁹ 4,731	94	93	¹⁰ 91	³⁹ 1,684	³⁹ 1,652	1,541	41.6	46.6	¹⁰ 40.6	^{21,33} 7–15
5,342	4,336	⁹ 6,678	83	85	134	827	1,258	⁹ 1,813	19.1	30.2	⁹ 48.3	5–16
—	788	832	—	63	65	—	²⁵ 133	160	—	18.2	21.1	7–15
2,323	2,292	⁹ 2,470	88	101	⁹ 106	⁴¹ 1,173	1,917	¹⁰ 2,011	57.1	94.7	¹⁰ 102.9	²¹ 6–16
1,146	1,002	705	81	89	80	152	242	122	17.3	20.9	12.7	6–11
4,742	6,704	⁹ 7,265	49	53	⁹ 58	930	1,311	⁹ 1,420	14.3	14.5	⁹ 14.3	6–14
⁴³ 21,585	⁴³ 19,270	^{9,43} 21,123	91	93	⁹ 97	12,097	13,710	14,419	55.5	75.2	⁹ 81.1	²¹ 7–16
1,327	2,160	⁴⁴ 2,594	56	68	⁴⁴ 77	491	²⁵ 1,008	⁹ 1,070	21.8	²⁵ 38.1	—	²¹ 6–14
2,819	3,499	⁹ 4,510	33	38	⁹ 45	1,409	1,540	⁹ 1,716	11.1	11.2	⁹ 11.3	7–14
538	699	679	53	73	69	145	²⁵ 262	343	12.3	²⁵ 23.2	28.2	6–13
1,733	²⁵ 2,378	3,025	41	¹⁸ 61	67	272	²⁵ 511	588	9.1	14.7	17.2	6–12
592	¹⁷ 730	¹⁸ 814	53	55	⁹ 50	270	207	—	34.9	20.0	—	6–14
1,203	²⁵ 1,711	1,863	59	67	69	306	682	⁹ 756	17.3	30.4	⁹ 31.1	6–16
⁴⁶ 222	⁴⁶ 281	^{10,45} 311	21	35	¹⁰ 35	307	550	—	20.6	29.0	—	5–15
1,100	1,278	2,182	71	82	147	324	485	965	25.4	35.5	71.7	²¹ 6–16

²⁵ Data for 1991–92.²⁶ Data refer to government maintained and aided schools only.²⁷ Data refer to Tanzania mainland only.²⁸ Includes full time students only.²⁹ Data for 1987–88.³⁰ Data do not include Air and Correspondence courses.³¹ Data for Former Democratic Yemen do not include schools for nomads.³² Former Yemen Arab Republic only.³³ Grade levels changed for compatibility with ISCED.³⁴ Data are a combination of data for the Czech Republic and Slovakia.³⁵ Data include both former East and West Germany.³⁶ Excludes technical education, consisting of both on the job training and school education.³⁷ Data do not include apprenticeships and health care training.³⁸ Enrollment data refer to grades 1–4 only.³⁹ Excludes students enrolled in third level programs in secondary specialized schools.⁴⁰ Includes infant classes in primary schools, previously considered as preprimary education.⁴¹ Excludes trade and vocational programs.⁴² Population data are from the U.S. Bureau of the Census, Current Population Reports, Population Estimates. Enrollment totals and ratios are based on data compiled by the National Center for Education Statistics and the U.S. Bureau of the Census. First level includes grades 1 through 6 (ages 5–10), second level includes grades 7 through 12 (ages 11–16), and third level includes ages 20–24.⁴³ Revised data series corresponding to grades 7–12.⁴⁴ Data for 1996–97.⁴⁵ Data refer to grades 1 to 9 (basic education).

Table 395.—Pupils per teacher in public and private elementary and secondary schools, by level of education: Selected countries, 1985 to 1995

Country	Elementary					Junior high schools (lower secondary)					Senior high schools (upper secondary)				
	1985	1990	1992	1994	1995	1985	1990	1992	1994	1995	1985	1990	1992	1994	1995
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Australia	¹ 13.8	—	² 18.4	18.5	18.1	—	—	—	—	—	3.2	—	—	—	—
Austria	11.3	11.6	12.2	11.9	12.9	9.2	7.7	7.7	8.3	9.0	15.2	12.4	11.6	7.8	8.2
Belgium	—	—	13.7	13.3	12.8	—	—	—	—	—	—	—	—	—	—
Canada	18.1	17.1	—	16.5	16.7	16.0	15.5	—	19.1	19.7	16.0	15.3	—	19.1	19.2
Denmark	12.7	11.2	³ 10.9	11.0	11.1	10.2	9.3	9.1	9.0	9.4	14.8	13.3	³ 10.4	9.1	9.9
France	—	—	⁴ 20.4	19.6	19.5	—	—	—	—	—	—	—	—	—	—
Germany ⁵	20.7	20.3	⁶ 19.6	20.5	20.7	16.9	14.6	14.6	15.7	15.8	23.7	21.0	⁶ 19.0	12.0	13.0
Ireland	—	—	25.6	24.3	23.4	—	—	—	—	—	7.2	8.3	—	—	—
Italy	12.8	10.7	10.9	10.2	11.0	9.6	8.5	9.0	8.0	9.9	10.8	10.7	8.8	8.9	9.3
Japan	—	¹ 20.8	⁷ 19.8	19.2	19.5	—	18.6	16.8	16.2	16.6	—	16.2	⁷ 16.4	15.8	16.4
Netherlands	20.2	19.2	⁸ 23.6	22.4	—	12.7	12.4	—	16.9	—	—	—	—	16.5	—
New Zealand	20.1	19.1	18.5	20.2	22.3	—	—	—	16.7	18.4	—	—	—	13.2	15.6
Norway	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	12.2	—	—	—	—	—	—	—	—	—	—	—
Spain	26.8	21.2	21.2	19.2	17.8	21.4	18.8	17.6	18.2	17.5	15.3	14.8	15.9	14.8	14.8
Sweden	11.6	10.6	11.9	12.5	12.3	10.8	10.2	10.6	10.9	12.2	13.1	11.9	16.0	14.6	14.8
Turkey	31.1	30.6	29.3	27.4	27.7	41.3	48.4	47.5	45.6	41.2	11.0	12.1	13.2	14.1	14.9
United Kingdom	19.7	22.0	20.8	20.7	21.0	—	18.5	15.9	16.9	16.0	11.1	13.9	⁹ 14.8	15.1	15.9
United States	17.0	15.6	—	—	17.1	16.5	15.9	16.8	—	17.6	16.2	15.8	15.0	—	¹⁰ 14.7

¹ Public schools only.² Teachers include principals, deputy principals and senior teachers mainly involved in administrative tasks.³ Full-time and part-time teachers are estimates. Distribution by school level (elementary and junior high school levels) is also an estimate. Kindergartens are classified as public institutions.⁴ The number of full-time equivalent teachers does not take into account the additional hours given by teachers. In public secondary education institutions, an increase of 6.6 per cent of total full-time equivalents would be observed if the additional hours were taken into account. The number of teachers in independent private secondary education institutions are entirely estimates. About 18 per cent of all the pedagogical and support staff, and about 7 per cent of all the staff employed in education have been estimated.⁵ Data for 1985 are for the former West Germany.⁶ Most components are estimates.⁷ Principals and vice-principals are included. Full-time equivalents of part-time teachers are not included.⁸ Teaching staff do not include direction staff.⁹ Some teachers at lower secondary education are included in upper secondary education.¹⁰ Teachers and pupils in independent upper secondary vocational education and nursing and paramedical establishments are excluded.

—Data not available.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, various years; and unpublished data. (This table was prepared July 1998.)**Table 396.—Geography proficiency of 13-year-olds in educational systems participating in the International Assessment of Educational Progress: 1991**

Country	Average percent correct			
	All geography items ¹	Geographic skills and tools ²	Physical geography items ³	Cultural geography items ⁴
1	2	3	4	5
Hungary	69.8 (0.6)	76.3 (0.5)	67.8 (0.7)	65.0 (0.7)
Slovenia	65.3 (0.6)	67.9 (0.5)	63.6 (0.7)	64.3 (0.9)
Canada ⁵	63.0 (0.5)	69.5 (0.4)	61.0 (0.6)	58.2 (0.6)
Soviet Union (former) ⁶	62.6 (1.1)	72.2 (0.9)	61.2 (1.0)	53.4 (1.8)
United States	61.9 (0.8)	69.4 (0.6)	58.3 (1.0)	58.1 (1.0)
Spain ⁷	60.1 (0.7)	62.4 (0.9)	58.9 (0.7)	58.9 (1.1)
Korea	59.7 (0.5)	67.8 (0.5)	52.1 (0.7)	60.3 (0.6)
Ireland	58.5 (0.6)	62.7 (0.6)	59.5 (0.8)	52.3 (0.8)
Scotland	58.3 (0.6)	66.2 (0.5)	57.1 (0.8)	50.6 (0.8)

¹ All 24 geography items.² Eight items testing ability to use maps, charts, and globes.³ Nine items testing knowledge of location of physical features and concepts of climate.⁴ Seven items testing knowledge of cultural entities and interactions between people and their environment.⁵ Eight provinces.⁶ Schools in 14 republics where instruction is in Russian.⁷ Schools where instruction is in Spanish, in all regions except Cataluna.

NOTE.—Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *International Assessment of Educational Progress, Learning About The World*, 1992. (This table was prepared May 1993.)

Table 397.—Average 8th-grade mathematics scores by content areas, and average time spent studying out of school, by country: 1994–95

Country	Average percent correct by content area							Distribution of daily out-of-school study time in all subjects, with mean mathematics scores							
	Mathematics overall	Fractions and number sense	Geometry	Algebra	Data representation, analysis and probability	Measurement	Proportionality	Less than 1 hour		At least 1, but less than 2 hours		2 to 3 hours		More than 3 hours	
								Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
International average percent correct	55 (0.1)	58 (0.1)	56 (0.1)	52 (0.2)	62 (0.1)	51 (0.1)	45 (0.2)	---	---	---	---	---	---	---	---
Australia ¹	58 (0.9)	61 (0.9)	57 (1.0)	55 (1.0)	67 (0.8)	54 (1.0)	47 (0.9)	15 (0.9)	486 (5.7)	46 (1.0)	541 (4.4)	22 (0.6)	543 (5.2)	17 (0.7)	532 (4.8)
Austria ¹	62 (0.8)	66 (0.8)	57 (1.0)	59 (0.8)	68 (0.8)	62 (1.0)	49 (0.9)	9 (0.8)	524 (6.7)	46 (1.3)	551 (4.1)	21 (0.9)	544 (4.5)	24 (1.2)	528 (5.3)
Belgium (Flemish)	66 (1.4)	71 (1.2)	64 (1.5)	63 (1.7)	73 (1.3)	60 (1.3)	53 (1.8)	2 (0.4)	---	25 (1.3)	552 (8.9)	28 (1.1)	592 (5.9)	45 (1.6)	560 (4.6)
Belgium (French) ¹	59 (0.9)	62 (1.0)	58 (1.0)	53 (1.1)	68 (1.0)	56 (1.0)	48 (0.9)	7 (0.8)	466 (7.4)	32 (1.0)	543 (4.6)	21 (1.3)	544 (5.5)	40 (1.5)	519 (4.5)
Bulgaria ¹	60 (1.2)	60 (1.4)	65 (1.3)	62 (1.5)	62 (1.1)	54 (1.6)	47 (1.5)	---	---	---	---	---	---	---	---
Canada	59 (0.5)	64 (0.6)	58 (0.6)	54 (0.7)	69 (0.5)	51 (0.7)	48 (0.7)	14 (1.2)	514 (5.6)	47 (1.1)	538 (2.8)	18 (0.7)	534 (3.7)	21 (1.1)	511 (3.6)
Colombia ¹	29 (0.8)	31 (0.9)	29 (0.9)	28 (0.9)	37 (1.0)	25 (1.5)	23 (0.9)	2 (0.4)	---	17 (1.1)	394 (5.2)	20 (1.2)	389 (3.6)	61 (1.9)	390 (3.5)
Cyprus	48 (0.5)	50 (0.6)	47 (0.6)	48 (0.7)	53 (0.6)	44 (0.9)	40 (0.7)	9 (0.5)	442 (5.8)	19 (0.7)	475 (3.9)	26 (0.8)	491 (4.0)	46 (0.9)	475 (2.9)
Czech Republic	66 (1.1)	69 (1.1)	66 (1.1)	65 (1.3)	68 (0.9)	62 (1.2)	52 (1.3)	13 (1.1)	551 (7.1)	57 (1.1)	571 (5.1)	17 (0.9)	568 (8.2)	13 (0.8)	542 (7.6)
Denmark ¹	52 (0.7)	53 (0.9)	54 (0.9)	45 (0.7)	67 (0.9)	49 (1.0)	41 (0.8)	39 (1.6)	517 (4.4)	39 (1.4)	508 (3.8)	13 (0.8)	479 (4.1)	9 (0.7)	468 (6.9)
England ¹	53 (0.7)	54 (0.8)	54 (1.0)	49 (0.9)	66 (0.7)	50 (0.9)	41 (1.1)	---	---	---	---	---	---	---	---
France	61 (0.8)	64 (0.8)	66 (0.8)	54 (1.0)	71 (0.8)	57 (0.9)	49 (0.9)	8 (0.7)	505 (8.0)	33 (1.2)	545 (3.6)	28 (1.0)	547 (4.5)	31 (1.2)	537 (3.7)
Germany ¹	54 (1.1)	58 (1.1)	51 (1.4)	48 (1.3)	64 (1.2)	51 (1.1)	42 (1.3)	14 (1.1)	476 (6.7)	51 (1.2)	521 (4.3)	18 (1.0)	524 (7.0)	17 (0.9)	498 (5.0)
Greece ¹	49 (0.7)	53 (0.8)	51 (0.7)	46 (0.8)	56 (0.8)	43 (0.9)	39 (1.1)	6 (0.6)	450 (7.4)	14 (0.7)	483 (5.2)	21 (0.7)	485 (3.9)	59 (1.2)	491 (3.3)
Hong Kong	70 (1.4)	72 (1.4)	73 (1.5)	70 (1.5)	72 (1.3)	65 (1.7)	62 (1.4)	13 (1.0)	539 (9.3)	32 (0.9)	586 (6.6)	25 (0.9)	607 (6.1)	30 (1.1)	604 (7.2)
Hungary	62 (0.7)	65 (0.8)	60 (0.8)	63 (0.9)	66 (0.7)	56 (0.8)	47 (0.9)	4 (0.4)	483 (11.3)	33 (1.1)	536 (5.0)	22 (0.9)	541 (5.2)	41 (1.3)	545 (3.7)
Iceland	50 (1.1)	54 (1.2)	51 (1.4)	40 (1.3)	63 (1.1)	45 (1.4)	38 (1.4)	5 (1.0)	450 (12.0)	46 (1.7)	501 (5.1)	25 (1.3)	489 (5.4)	23 (1.4)	477 (7.3)
Iran, Islamic Republic	38 (0.6)	39 (0.6)	43 (0.8)	37 (0.8)	41 (0.6)	29 (1.2)	36 (0.8)	1 (0.2)	---	5 (0.5)	428 (5.6)	12 (1.0)	436 (4.8)	82 (1.3)	431 (2.4)
Ireland	59 (1.2)	65 (1.2)	51 (1.3)	53 (1.3)	69 (1.1)	53 (1.3)	51 (1.2)	5 (0.6)	465 (8.8)	29 (1.0)	517 (5.3)	40 (1.1)	547 (5.5)	26 (1.2)	533 (5.7)
Israel ¹	57 (1.3)	60 (1.4)	57 (1.4)	61 (1.6)	63 (1.3)	48 (1.6)	43 (1.6)	5 (0.6)	539 (10.9)	36 (2.2)	546 (6.3)	26 (1.5)	521 (6.8)	33 (2.1)	502 (6.3)
Japan	73 (0.4)	75 (0.4)	80 (0.4)	72 (0.6)	78 (0.4)	67 (0.5)	61 (0.5)	13 (0.8)	578 (5.3)	39 (0.8)	607 (2.6)	20 (0.6)	609 (4.0)	28 (1.0)	612 (2.7)
Korea	72 (0.5)	74 (0.5)	75 (0.6)	69 (0.6)	78 (0.6)	66 (0.7)	62 (0.6)	15 (0.9)	582 (4.9)	32 (1.1)	604 (3.5)	25 (0.8)	607 (4.0)	29 (1.2)	628 (4.3)
Kuwait ¹	30 (0.7)	27 (0.8)	38 (1.0)	30 (1.0)	38 (1.0)	23 (1.0)	21 (0.7)	3 (0.6)	358 (10.3)	13 (1.5)	401 (5.5)	19 (1.3)	397 (5.1)	65 (1.8)	392 (2.0)
Latvia (Latvian-speaking schools) ¹	51 (0.8)	53 (0.9)	57 (0.8)	51 (0.9)	56 (0.8)	47 (0.9)	39 (0.9)	4 (0.5)	467 (9.4)	35 (1.1)	507 (4.4)	32 (1.2)	497 (4.9)	29 (1.2)	487 (3.4)
Lithuania ¹	48 (0.9)	51 (1.0)	53 (1.1)	47 (1.2)	52 (1.0)	43 (0.9)	35 (0.9)	5 (0.6)	453 (9.4)	39 (1.4)	487 (3.9)	28 (1.0)	481 (4.6)	28 (1.4)	474 (5.4)
Netherlands ¹	60 (1.6)	62 (1.6)	59 (1.8)	53 (1.6)	72 (1.7)	57 (1.6)	51 (1.9)	3 (0.9)	492 (16.2)	54 (1.7)	539 (9.0)	27 (1.7)	562 (7.0)	16 (0.8)	524 (6.0)
New Zealand	54 (1.0)	57 (1.1)	54 (1.1)	49 (1.1)	66 (1.0)	48 (1.2)	42 (1.0)	12 (0.9)	472 (5.6)	51 (1.2)	519 (4.7)	21 (1.0)	518 (6.1)	17 (0.9)	495 (5.6)
Norway	54 (0.5)	58 (0.6)	51 (0.6)	45 (0.7)	66 (0.6)	51 (0.6)	40 (0.6)	6 (0.5)	481 (6.8)	50 (1.2)	514 (2.9)	24 (0.9)	510 (3.6)	21 (0.9)	483 (3.6)
Portugal	43 (0.7)	44 (0.7)	44 (0.8)	40 (0.8)	54 (0.7)	39 (0.7)	32 (0.8)	3 (0.3)	458 (8.1)	41 (1.1)	463 (3.1)	18 (0.7)	455 (3.3)	38 (1.2)	448 (3.0)
Romania ¹	49 (1.0)	48 (1.0)	52 (0.9)	52 (1.3)	49 (1.0)	48 (1.1)	42 (1.2)	9 (0.7)	459 (10.4)	16 (1.0)	464 (7.0)	15 (0.7)	481 (5.4)	60 (1.6)	494 (4.2)
Russian Federation	60 (1.3)	62 (1.2)	63 (1.4)	63 (1.5)	60 (1.2)	56 (1.5)	48 (1.5)	4 (0.5)	493 (10.3)	33 (1.1)	538 (5.3)	25 (1.0)	538 (5.2)	38 (1.4)	544 (6.9)
Scotland ¹	52 (1.3)	53 (1.3)	52 (1.4)	46 (1.5)	65 (1.3)	48 (1.6)	40 (1.4)	17 (1.4)	461 (4.8)	54 (1.2)	506 (5.7)	17 (1.0)	517 (8.6)	12 (0.8)	503 (7.4)
Singapore	79 (0.9)	84 (0.8)	76 (1.0)	76 (1.1)	79 (0.8)	77 (1.0)	75 (1.0)	2 (0.3)	---	7 (0.4)	642 (8.0)	13 (0.6)	652 (6.6)	78 (0.9)	643 (4.9)
Slovak Republic	62 (0.8)	66 (0.8)	63 (0.8)	62 (0.9)	62 (0.7)	60 (0.9)	49 (1.0)	6 (0.5)	549 (8.3)	46 (0.9)	556 (3.9)	25 (0.7)	548 (4.4)	23 (1.0)	532 (4.1)
Slovenia ¹	61 (0.7)	63 (0.7)	60 (0.9)	61 (0.8)	66 (0.7)	59 (0.9)	49 (0.8)	5 (0.5)	551 (9.8)	36 (1.0)	561 (4.1)	21 (0.8)	537 (4.8)	37 (1.1)	523 (3.4)
South Africa ¹	24 (1.1)	26 (1.4)	24 (1.0)	23 (1.1)	26 (1.2)	18 (1.1)	21 (0.9)	---	---	---	---	---	---	---	---
Spain	51 (0.5)	52 (0.5)	49 (0.6)	54 (0.8)	60 (0.7)	44 (0.7)	40 (0.8)	3 (0.4)	443 (5.5)	26 (1.0)	490 (3.1)	18 (0.9)	495 (3.3)	53 (1.3)	487 (2.4)
Sweden	56 (0.7)	62 (0.8)	48 (0.7)	44 (0.9)	70 (0.7)	56 (0.9)	44 (0.9)	7 (0.6)	496 (6.9)	55 (1.2)	528 (3.1)	17 (0.8)	525 (4.3)	21 (0.9)	503 (4.2)
Switzerland ¹	62 (0.6)	67 (0.7)	60 (0.8)	53 (0.7)	72 (0.7)	61 (0.8)	52 (0.7)	4 (0.3)	523 (7.9)	44 (1.2)	556 (3.4)	19 (0.8)	548 (5.1)	33 (1.1)	536 (4.0)
Thailand ¹	57 (1.4)	60 (1.5)	62 (1.3)	53 (1.7)	63 (1.1)	50 (1.4)	51 (1.5)	3 (0.3)	495 (11.9)	26 (1.0)	514 (5.4)	18 (0.7)	515 (5.7)	54 (1.5)	531 (6.6)
United States	53 (1.1)	59 (1.1)	48 (1.2)	51 (1.2)	65 (1.1)	40 (1.1)	42 (1.1)	17 (1.1)	471 (7.2)	42 (0.9)	514 (4.2)	17 (0.7)	507 (5.5)	24 (0.8)	498 (5.9)

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 398.—Instructional practices and time spent teaching mathematics in 8th-grade, by country: 1994–95

Country	Percent of students whose teachers report using each organizational approach "most of every lesson"						Average number of hours mathematics is taught weekly to mathematics classes							
	Work together as a class and students respond to one another	Work together as a class and teacher teaches whole class	Work individually with assistance from teacher	Work individually without assistance from teacher	Work in pairs or groups with assistance from teacher	Work in pairs or groups without assistance from teacher	Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more	
							Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia ¹	² 14	² 46	² 64	² 27	² 25	² 9	² 5 (1.7)	528 (19.5)	50 (3.7)	518 (6.2)	44 (3.7)	552 (7.6)	1 (0.7)	—
Austria ¹	² 6	² 52	² 51	² 23	² 19	² 7	² 0 (0.0)	—	99 (0.1)	549 (4.1)	1 (0.1)	—	0 (0.0)	—
Belgium (Flemish)	10	59	57	36	6	5	³ 0 (0.0)	—	50 (4.4)	572 (5.6)	50 (4.4)	603 (5.4)	0 (0.0)	—
Belgium (French) ¹	³ 7	³ 38	³ 55	³ 29	³ 11	³ 5	³ 0 (0.0)	—	3 (1.8)	486 (12.9)	83 (4.2)	544 (4.7)	14 (3.8)	564 (10.0)
Bulgaria ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada	² 12	37	57	² 25	² 28	² 14	3 (1.2)	528 (11.8)	31 (3.8)	521 (5.0)	50 (3.6)	537 (4.3)	17 (3.1)	520 (10.2)
Colombia ¹	25	41	55	² 19	44	² 22	² 4 (2.0)	389 (8.2)	25 (5.5)	367 (8.8)	58 (5.4)	397 (3.9)	13 (3.3)	390 (8.2)
Cyprus	² 13	² 61	² 73	² 23	² 26	² 9	—	—	—	—	—	—	—	—
Czech Republic	5	47	72	42	13	8	1 (0.9)	—	6 (2.0)	587 (17.2)	90 (2.7)	561 (5.1)	3 (1.6)	535 (10.2)
Denmark ¹	5	41	74	16	18	4	—	—	—	—	—	—	—	—
England ¹	³ 19	³ 46	³ 57	³ 25	³ 14	³ 8	—	—	—	—	—	—	—	—
France	11	48	56	26	17	4	² 2 (1.4)	—	10 (3.2)	532 (13.4)	87 (3.3)	539 (3.9)	2 (1.3)	—
Germany ¹	³ 23	³ 70	³ 54	³ 15	³ 20	³ 9	³ 2 (1.5)	—	85 (3.1)	523 (5.3)	12 (2.9)	463 (13.3)	1 (0.9)	—
Greece ¹	4	58	60	18	14	3	4 (1.7)	459 (10.8)	88 (2.8)	486 (3.5)	3 (1.6)	459 (12.3)	4 (1.6)	480 (8.9)
Hong Kong	11	37	62	17	9	4	5 (2.4)	612 (47.4)	26 (5.2)	590 (19.5)	63 (5.8)	590 (7.6)	6 (2.9)	567 (30.1)
Hungary	11	60	65	22	7	1	0 (0.0)	—	75 (3.6)	538 (3.9)	23 (3.6)	536 (7.0)	1 (1.0)	—
Iceland	² 2	² 39	² 82	² 38	² 32	² 17	² 0 (0.0)	—	90 (2.9)	492 (5.3)	8 (2.9)	467 (3.5)	1 (0.2)	—
Iran, Islamic Republic	33	66	55	8	42	10	—	—	—	—	—	—	—	—
Ireland	² 7	67	47	37	² 9	² 6	² 1 (0.7)	—	86 (3.7)	524 (6.4)	12 (3.4)	555 (15.2)	1 (1.1)	—
Israel ¹	² 70	² 65	² 35	² 68	² 51	² 62	² 6 (4.1)	523 (13.7)	41 (8.0)	520 (12.7)	47 (8.1)	514 (9.2)	6 (3.7)	579 (22.6)
Japan	22	78	27	15	7	1	4 (1.8)	607 (24.3)	91 (2.3)	602 (2.7)	4 (1.4)	649 (18.5)	0 (0.5)	—
Korea	39	89	41	30	12	11	1 (0.7)	—	90 (3.0)	610 (2.8)	5 (1.8)	608 (13.8)	5 (2.3)	604 (19.5)
Kuwait ¹	3	34	48	14	7	5	2 (1.6)	—	21 (6.5)	396 (6.8)	76 (6.6)	391 (2.3)	1 (1.0)	—
Latvia (Latvian-speaking schools) ¹	24	86	90	² 55	28	² 11	1 (0.5)	—	30 (4.8)	491 (5.8)	62 (5.3)	492 (4.3)	8 (2.6)	489 (15.0)
Lithuania ¹	10	55	72	25	32	10	1 (0.8)	—	61 (4.1)	482 (5.0)	29 (3.9)	481 (7.5)	9 (2.3)	448 (13.8)
Netherlands ¹	7	56	65	38	49	34	3 (1.9)	529 (54.2)	97 (1.9)	542 (8.1)	0 (0.0)	—	0 (0.0)	—
New Zealand	19	52	63	28	25	14	5 (1.8)	484 (11.6)	42 (4.3)	514 (7.1)	50 (4.3)	507 (6.4)	3 (1.5)	503 (27.3)
Norway	² 17	² 58	² 71	44	² 36	² 6	² 7 (2.6)	502 (5.0)	80 (3.9)	508 (3.1)	8 (2.8)	502 (7.7)	5 (2.1)	513 (7.7)
Portugal	10	67	69	5	50	4	1 (0.8)	—	89 (2.9)	455 (2.7)	10 (2.8)	452 (7.8)	0 (0.0)	—
Romania ¹	12	86	56	19	18	3	8 (2.6)	497 (17.6)	80 (3.4)	481 (5.0)	9 (2.5)	482 (12.4)	2 (0.6)	—
Russian Federation	6	66	65	37	22	13	0 (0.0)	—	17 (3.6)	519 (8.6)	70 (5.6)	533 (5.1)	14 (4.8)	567 (18.0)
Scotland ¹	² 5	² 34	² 62	² 28	² 7	² 3	5 (2.0)	473 (14.7)	35 (4.4)	500 (11.6)	60 (4.6)	494 (7.1)	0 (0.0)	—
Singapore	15	61	48	27	20	6	0 (0.0)	—	52 (4.7)	654 (6.9)	48 (4.7)	633 (7.6)	0 (0.0)	—
Slovak Republic	35	47	50	31	8	7	0 (0.0)	—	2 (1.3)	—	86 (3.0)	544 (3.2)	11 (2.9)	561 (11.0)
Slovenia ¹	² 11	² 60	² 87	² 34	² 40	² 11	² 0 (0.0)	—	87 (3.4)	542 (4.0)	12 (3.3)	525 (9.5)	1 (0.8)	—
South Africa ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spain	² 15	² 68	² 58	² 24	² 15	² 10	² 2 (1.1)	—	28 (4.0)	480 (5.5)	62 (4.7)	490 (3.6)	8 (2.6)	494 (9.2)
Sweden	² 24	² 50	² 72	² 1	² 43	² 5	² 3 (1.2)	506 (24.2)	97 (1.3)	520 (3.2)	0 (0.4)	—	0 (0.3)	—
Switzerland ¹	³ 4	³ 48	³ 61	³ 25	³ 35	³ 20	³ 2 (1.4)	—	14 (3.4)	520 (17.8)	71 (3.5)	557 (6.5)	13 (3.0)	566 (12.4)
Thailand ¹	² 19	³ 58	² 41	² 18	² 22	² 5	—	—	—	—	—	—	—	—
United States	² 22	² 49	² 50	² 19	² 26	² 12	³ 8 (1.4)	492 (26.2)	24 (3.4)	501 (9.9)	58 (4.4)	507 (5.4)	11 (2.8)	498 (10.0)

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

² Teacher response data available for 70 to 84 percent of students.

³ Teacher response data available for 50 to 69 percent of students.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 399.—Average 8th-grade science scores by content areas, and average time spent studying out of school, by country: 1994–95

Country	Average percent correct by content area						Distribution of daily out-of-school study time in all subjects, with mean science scores							
	Overall science scores	Earth science	Life science	Physics	Chemistry	Environmental issues and the nature of science	Less than 1 hour		At least 1, but less than 2 hours		2 to 3 hours		More than 3 hours	
							Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
International average percent correct	56 (0.1)	55 (0.1)	59 (0.1)	55 (0.1)	51 (0.2)	53 (0.2)	— —	— —	— —	— —	— —	— —	— —	— —
Australia ¹	60 (0.7)	57 (0.8)	63 (0.8)	60 (0.7)	54 (0.9)	62 (1.0)	15 (0.9)	505 (6.9)	46 (1.0)	556 (4.1)	22 (0.6)	557 (4.9)	17 (0.7)	546 (5.0)
Austria ¹	61 (0.7)	62 (0.8)	65 (0.7)	62 (0.7)	58 (1.1)	55 (0.9)	9 (0.8)	551 (9.9)	46 (1.3)	563 (4.8)	21 (0.9)	561 (5.0)	24 (1.2)	553 (4.8)
Belgium (Flemish)	60 (1.1)	62 (1.2)	64 (1.1)	61 (1.1)	51 (1.3)	58 (1.5)	2 (0.4)	— —	25 (1.3)	545 (5.0)	28 (1.1)	562 (5.9)	45 (1.6)	547 (3.6)
Belgium (French) ¹	50 (0.7)	50 (0.9)	55 (0.9)	51 (0.7)	41 (0.8)	46 (1.0)	7 (0.8)	428 (6.9)	32 (1.0)	481 (4.7)	21 (1.3)	481 (4.5)	40 (1.5)	467 (4.0)
Bulgaria ¹	62 (1.0)	58 (1.2)	64 (1.0)	60 (1.0)	65 (1.7)	59 (1.5)	— —	— —	— —	— —	— —	— —	— —	— —
Canada	59 (0.5)	58 (0.6)	62 (0.6)	59 (0.4)	52 (0.7)	61 (0.7)	14 (1.2)	524 (6.1)	47 (1.1)	541 (2.8)	18 (0.7)	531 (3.9)	21 (1.1)	517 (3.6)
Colombia ¹	39 (0.8)	37 (0.8)	44 (0.9)	37 (0.8)	32 (1.0)	40 (1.1)	2 (0.4)	— —	17 (1.1)	421 (5.3)	20 (1.2)	422 (4.9)	61 (1.9)	413 (5.8)
Cyprus	47 (0.4)	46 (0.6)	49 (0.5)	46 (0.4)	45 (0.6)	46 (0.8)	9 (0.5)	430 (7.0)	19 (0.7)	468 (4.4)	26 (0.8)	475 (3.4)	46 (0.9)	466 (2.9)
Czech Republic	64 (0.8)	63 (1.2)	69 (0.8)	64 (0.7)	60 (1.2)	59 (1.1)	13 (1.1)	558 (9.0)	57 (1.1)	579 (3.9)	17 (0.9)	582 (7.2)	13 (0.8)	560 (6.4)
Denmark ¹	51 (0.6)	49 (0.7)	56 (0.7)	53 (0.7)	41 (0.8)	47 (1.0)	39 (1.6)	494 (4.4)	39 (1.4)	479 (4.1)	13 (0.8)	459 (5.5)	9 (0.7)	457 (6.8)
England ¹	61 (0.6)	59 (0.8)	64 (0.8)	62 (0.6)	55 (0.8)	65 (1.0)	— —	— —	— —	— —	— —	— —	— —	— —
France	54 (0.6)	55 (0.8)	56 (0.8)	54 (0.5)	47 (0.9)	53 (0.9)	8 (0.7)	481 (6.8)	33 (1.2)	497 (3.3)	28 (1.0)	506 (4.0)	31 (1.2)	499 (3.4)
Germany ¹	58 (1.0)	57 (1.0)	63 (1.1)	57 (1.0)	54 (1.3)	51 (1.3)	14 (1.1)	505 (8.2)	51 (1.2)	541 (4.6)	18 (1.0)	544 (4.6)	17 (0.9)	525 (6.5)
Greece ¹	52 (0.5)	49 (0.6)	54 (0.6)	53 (0.5)	51 (0.5)	51 (1.0)	6 (0.6)	473 (4.8)	14 (0.7)	497 (5.0)	21 (0.7)	500 (3.1)	59 (1.2)	502 (2.5)
Hong Kong	58 (1.0)	54 (1.0)	61 (1.0)	58 (0.9)	55 (1.0)	55 (1.3)	13 (1.0)	489 (7.3)	32 (0.9)	519 (4.7)	25 (0.9)	534 (4.8)	30 (1.1)	534 (5.2)
Hungary	61 (0.6)	60 (0.8)	65 (0.7)	60 (0.6)	60 (0.8)	53 (0.8)	4 (0.4)	519 (10.0)	33 (1.1)	553 (4.4)	22 (0.9)	557 (5.6)	41 (1.3)	557 (3.0)
Iceland	52 (0.9)	50 (1.2)	58 (1.0)	53 (0.9)	42 (0.8)	49 (1.0)	5 (1.0)	470 (8.7)	46 (1.7)	505 (5.6)	25 (1.3)	493 (4.5)	23 (1.4)	488 (7.5)
Iran, Islamic Republic	47 (0.6)	45 (0.6)	49 (0.6)	48 (0.7)	52 (0.8)	39 (1.1)	1 (0.2)	— —	5 (0.5)	476 (6.0)	12 (1.0)	479 (5.2)	82 (1.3)	471 (2.7)
Ireland	58 (0.9)	61 (1.0)	60 (1.1)	56 (0.8)	54 (1.0)	60 (1.1)	5 (0.6)	475 (9.0)	29 (1.0)	529 (5.4)	40 (1.1)	550 (4.7)	26 (1.2)	550 (4.9)
Israel ¹	57 (1.1)	55 (1.1)	61 (1.1)	57 (1.1)	53 (1.5)	52 (1.6)	5 (0.6)	532 (13.5)	36 (2.2)	555 (7.7)	26 (1.5)	523 (6.9)	33 (2.1)	505 (5.2)
Japan	65 (0.3)	61 (0.4)	71 (0.4)	67 (0.3)	61 (0.5)	60 (0.7)	13 (0.8)	551 (4.4)	39 (0.8)	573 (2.2)	20 (0.6)	572 (3.0)	28 (1.0)	577 (2.4)
Korea	66 (0.3)	63 (0.5)	70 (0.4)	65 (0.5)	63 (0.6)	64 (0.8)	15 (0.9)	544 (5.0)	32 (1.1)	564 (2.9)	25 (0.8)	562 (3.1)	29 (1.2)	581 (3.7)
Kuwait ¹	43 (0.9)	43 (1.0)	45 (1.1)	43 (0.7)	40 (1.5)	39 (1.3)	3 (0.6)	400 (10.4)	13 (1.5)	436 (7.8)	19 (1.3)	432 (7.1)	65 (1.8)	431 (3.4)
Latvia (Latvian-speaking schools) ¹	50 (0.6)	48 (0.8)	53 (0.7)	51 (0.7)	48 (0.8)	47 (1.0)	4 (0.5)	468 (8.5)	35 (1.1)	492 (4.1)	32 (1.2)	490 (4.1)	29 (1.2)	481 (3.0)
Lithuania ¹	49 (0.7)	46 (0.9)	52 (0.9)	51 (0.7)	48 (0.9)	40 (1.0)	5 (0.6)	457 (9.1)	39 (1.4)	484 (4.5)	28 (1.0)	483 (3.8)	28 (1.4)	472 (4.7)
Netherlands ¹	62 (1.0)	61 (1.4)	67 (1.4)	63 (0.9)	52 (0.9)	65 (1.6)	3 (0.9)	519 (17.1)	54 (1.7)	559 (6.1)	27 (1.7)	578 (5.4)	16 (0.8)	545 (5.7)
New Zealand	58 (0.8)	56 (0.9)	60 (1.0)	58 (0.7)	53 (1.1)	59 (1.2)	12 (0.9)	488 (7.6)	51 (1.2)	536 (4.6)	21 (1.0)	537 (5.7)	17 (0.9)	516 (5.7)
Norway	58 (0.4)	61 (0.6)	61 (0.5)	57 (0.4)	49 (0.6)	55 (0.8)	6 (0.5)	501 (7.3)	50 (1.2)	533 (2.5)	24 (0.9)	536 (3.4)	21 (0.9)	516 (3.7)
Portugal	50 (0.6)	50 (0.7)	53 (0.6)	48 (0.5)	50 (0.9)	45 (0.8)	3 (0.3)	465 (8.8)	41 (1.1)	488 (2.9)	18 (0.7)	478 (4.1)	38 (1.2)	474 (2.8)
Romania ¹	50 (0.8)	49 (1.0)	55 (1.0)	49 (0.8)	46 (1.0)	42 (1.0)	9 (0.7)	460 (11.7)	16 (1.0)	468 (7.0)	15 (0.7)	487 (5.7)	60 (1.6)	499 (5.2)
Russian Federation	58 (0.8)	58 (0.8)	62 (0.7)	57 (0.9)	57 (1.3)	50 (0.8)	4 (0.5)	511 (10.1)	33 (1.1)	542 (4.4)	25 (1.0)	538 (4.4)	38 (1.4)	543 (4.6)
Scotland ¹	55 (1.0)	52 (1.0)	57 (1.1)	57 (0.8)	51 (1.3)	57 (1.4)	17 (1.4)	470 (5.3)	54 (1.2)	526 (5.1)	17 (1.0)	537 (8.5)	12 (0.8)	532 (6.5)
Singapore	70 (1.0)	65 (1.1)	72 (1.0)	69 (0.8)	69 (1.2)	74 (1.1)	2 (0.3)	— —	7 (0.4)	604 (8.4)	13 (0.6)	617 (7.3)	78 (0.9)	607 (5.4)
Slovak Republic	59 (0.6)	60 (0.7)	60 (0.6)	61 (0.6)	57 (0.8)	53 (0.9)	6 (0.5)	551 (7.1)	46 (0.9)	552 (3.7)	25 (0.7)	541 (3.8)	23 (1.0)	536 (4.7)
Slovenia ¹	62 (0.5)	64 (0.7)	65 (0.6)	61 (0.6)	56 (0.9)	59 (0.9)	5 (0.5)	559 (9.2)	36 (1.0)	580 (3.5)	21 (0.8)	557 (3.2)	37 (1.1)	544 (3.3)
South Africa ¹	27 (1.3)	26 (1.1)	27 (1.3)	27 (1.4)	26 (1.4)	26 (1.3)	— —	— —	— —	— —	— —	— —	— —	— —
Spain	56 (0.4)	57 (0.5)	58 (0.5)	55 (0.4)	51 (0.7)	53 (0.6)	3 (0.4)	482 (7.9)	26 (1.0)	522 (2.8)	18 (0.9)	522 (3.5)	53 (1.3)	516 (2.2)
Sweden	59 (0.6)	62 (0.7)	63 (0.7)	57 (0.5)	56 (0.7)	52 (0.8)	7 (0.6)	520 (6.0)	55 (1.2)	544 (3.2)	17 (0.8)	539 (4.9)	21 (0.9)	523 (4.9)
Switzerland ¹	56 (0.5)	58 (0.6)	59 (0.6)	58 (0.5)	50 (0.7)	51 (0.8)	4 (0.3)	500 (8.3)	44 (1.2)	530 (3.1)	19 (0.8)	526 (6.2)	33 (1.1)	514 (3.5)
Thailand ¹	57 (0.9)	56 (1.0)	66 (0.9)	54 (0.7)	43 (1.2)	62 (1.1)	3 (0.3)	510 (8.8)	26 (1.0)	520 (4.0)	18 (0.7)	519 (4.3)	54 (1.5)	532 (4.1)
United States	58 (1.0)	58 (1.0)	63 (1.1)	56 (0.8)	53 (1.2)	61 (1.0)	17 (1.1)	507 (9.5)	42 (0.9)	548 (4.1)	17 (0.7)	541 (5.2)	24 (0.8)	533 (5.7)

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Science Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 400.—Instructional practices and time spent teaching science in 8th-grade, by country: 1994–95

Country	Percent of students whose teachers report using each organizational approach "most of every lesson"						Average number of hours science is taught weekly to science classes							
	Work together as a class and students respond to one another	Work together as a class and teacher teaches whole class	Work individually with assistance from teacher	Work individually without assistance from teacher	Work in pairs or groups with assistance from teacher	Work in pairs or groups without assistance from teacher	Less than 2 hours		At least 2, but less than 3.5 hours		At least 3.5, but less than 5 hours		5 hours or more	
							Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Austria ¹	² 3	² 65	² 13	² 3	² 18	² 12	—	—	—	—	—	—	—	—
Belgium (Flemish)	² 11	² 62	² 19	² 6	² 13	² 7	—	—	—	—	—	—	—	—
Belgium (French) ¹	³ 11	³ 53	³ 24	³ 8	³ 8	³ 4	—	—	—	—	—	—	—	—
Bulgaria ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada	³ 17	² 28	² 26	² 23	² 33	³ 24	² 11 (2.1)	512 (8.9)	69 (3.9)	540 (3.8)	11 (2.5)	528 (5.5)	8 (2.1)	517 (10.3)
Colombia ¹	² 33	² 48	² 55	² 10	² 43	² 13	² 6 (2.3)	416 (4.5)	75 (4.2)	415 (5.6)	13 (3.2)	404 (5.5)	6 (2.4)	403 (18.6)
Cyprus	³ 3	³ 74	³ 35	³ 3	³ 17	³ 6	⁴	—	—	—	—	—	—	—
Czech Republic	11	70	² 46	15	14	4	—	—	—	—	—	—	—	—
Denmark ¹	³ 2	³ 22	³ 25	³ 3	³ 46	³ 13	—	—	—	—	—	—	—	—
England ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
France	16	57	34	16	27	12	—	—	—	—	—	—	—	—
Germany ¹	³ 30	³ 69	³ 28	³ 7	³ 19	³ 5	—	—	—	—	—	—	—	—
Greece ¹	3	67	45	10	13	1	—	—	—	—	—	—	—	—
Hong Kong	12	45	35	2	44	13	7 (2.3)	492 (29.9)	82 (3.9)	526 (5.3)	9 (3.3)	518 (8.6)	2 (1.6)	—
Hungary	7	80	54	13	11	2	—	—	—	—	—	—	—	—
Iceland	³ 1	² 35	² 30	² 9	² 16	² 6	—	—	—	—	—	—	—	—
Iran, Islamic Republic	25	57	36	2	25	11	—	—	—	—	—	—	—	—
Ireland	³ 7	³ 62	³ 25	³ 6	³ 20	³ 6	³ 4 (1.9)	578 (16.5)	94 (2.1)	540 (6.2)	2 (0.8)	—	0 (0.0)	—
Israel ¹	³ 17	² 41	² 30	² 15	² 32	² 18	³ 19 (7.9)	547 (19.6)	77 (7.2)	520 (9.1)	4 (3.5)	529 (0.0)	0 (0.0)	—
Japan	19	79	12	8	12	6	5 (1.6)	618 (15.2)	94 (1.7)	569 (1.5)	0 (0.0)	—	1 (0.6)	—
Korea	34	83	28	8	15	3	43 (2.9)	569 (3.3)	51 (3.2)	561 (3.1)	1 (0.8)	—	5 (2.3)	568 (12.7)
Kuwait ¹	² 9	² 46	² 45	² 0	² 36	² 2	² 3 (2.6)	409 (1.9)	97 (2.6)	426 (4.4)	1 (0.5)	—	0 (0.0)	—
Latvia (Latvian-speaking schools) ¹	³ 25	³ 84	³ 59	³ 32	³ 24	³ 8	—	—	—	—	—	—	—	—
Lithuania ¹	² 16	² 60	² 22	² 26	² 8	² 8	—	—	—	—	—	—	—	—
Netherlands ¹	² 5	² 63	² 36	² 23	² 25	² 18	—	—	—	—	—	—	—	—
New Zealand	15	41	33	26	44	20	1 (0.9)	—	52 (4.1)	527 (6.3)	47 (4.2)	525 (6.6)	0 (0.0)	—
Norway	³ 24	³ 62	³ 23	³ 1	³ 23	³ 4	³ 27 (4.9)	526 (3.0)	73 (4.9)	524 (2.6)	1 (0.6)	—	0 (0.0)	—
Portugal	14	66	54	3	54	5	—	—	—	—	—	—	—	—
Romania ¹	15	86	47	8	27	² 2	—	—	—	—	—	—	—	—
Russian Federation	9	68	43	21	13	7	—	—	—	—	—	—	—	—
Scotland ¹	³ 7	³ 22	³ 27	³ 11	³ 56	³ 19	³ 14 (3.1)	538 (23.4)	83 (3.6)	519 (4.8)	3 (1.7)	488 (22.5)	0 (0.0)	—
Singapore	12	59	41	17	40	19	0 (0.0)	—	24 (4.4)	618 (14.6)	76 (4.4)	603 (6.0)	0 (0.0)	—
Slovak Republic	² 48	² 64	² 45	² 15	² 3	² 1	—	—	—	—	—	—	—	—
Slovenia ¹	² 7	² 65	² 19	² 34	² 13	² 13	—	—	—	—	—	—	—	—
South Africa ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spain	² 14	² 65	² 46	² 14	² 18	² 7	² 5 (2.6)	532 (2.5)	84 (3.9)	518 (2.1)	11 (3.0)	502 (9.4)	1 (0.7)	—
Switzerland ¹	³ 3	³ 56	³ 21	³ 6	³ 30	³ 8	³ 41 (4.7)	532 (6.6)	37 (4.4)	524 (8.4)	9 (3.1)	486 (13.7)	13 (3.5)	519 (15.6)
Thailand ¹	² 16	² 38	² 33	² 10	² 32	² 11	—	—	—	—	—	—	—	—
United States	—	—	—	—	—	—	—	—	—	—	—	—	—	—

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

² Teacher response data available for 70 to 84 percent of students.

³ Teacher response available for 50 to 69 percent of students.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Science Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 401.—Average size of 8th-grade mathematics classes, and frequency teachers assign mathematics homework, by country: 1994–95

Country	Average size of mathematics classes				Percent of students, by frequency and average length of mathematics assignments						
	1 to 20 students	21 to 30 students	31 to 40 students	41 or more students	Never assigning homework	Assigning homework less than once a week		Assigning homework once or twice a week		Assigning homework 3 or more times a week	
						30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes	30 minutes or less	More than 30 minutes
	1	2	3	4	5	6	7	8	9	10	11
Australia ¹	² 13 (2.4)	71 (3.3)	16 (2.6)	1 (0.5)	² 1 (0.8)	6 (1.6)	0 (0.2)	21 (2.6)	4 (1.9)	62 (3.4)	5 (1.7)
Austria ¹	—	—	—	—	² 0 (0.0)	1 (0.5)	0 (0.0)	24 (4.4)	3 (1.4)	63 (5.0)	10 (2.1)
Belgium (Flemish)	49 (3.6)	51 (3.6)	0 (0.0)	0 (0.0)	0 (0.0)	17 (3.5)	2 (1.1)	52 (4.8)	10 (2.6)	15 (2.9)	5 (2.1)
Belgium (French) ¹	³ 43 (5.3)	57 (5.3)	0 (0.0)	0 (0.0)	1 (1.2)	2 (1.4)	0 (0.0)	30 (5.1)	5 (2.2)	55 (5.5)	7 (2.8)
Bulgaria ¹	—	—	—	—	—	—	—	—	—	—	—
Canada	² 11 (2.1)	65 (4.0)	23 (3.6)	1 (0.5)	² 2 (1.1)	2 (0.9)	1 (0.7)	22 (3.4)	2 (0.9)	59 (3.7)	13 (2.7)
Colombia ¹	² 16 (4.2)	6 (2.2)	29 (4.0)	48 (4.6)	0 (0.0)	1 (0.9)	1 (0.8)	17 (4.7)	13 (2.9)	29 (4.2)	39 (4.2)
Cyprus	1 (0.0)	37 (3.9)	62 (3.9)	0 (0.0)	² 0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	50 (5.3)	50 (5.3)
Czech Republic	13 (3.3)	77 (5.3)	11 (4.5)	0 (0.0)	0 (0.4)	14 (4.5)	0 (0.0)	62 (5.2)	0 (0.3)	23 (3.5)	1 (0.6)
Denmark ¹	² 49 (4.8)	51 (4.8)	0 (0.0)	0 (0.0)	0 (0.0)	4 (1.8)	0 (0.0)	42 (4.7)	3 (1.6)	49 (5.2)	2 (1.0)
England ¹	³ 18 (3.1)	62 (3.7)	20 (3.4)	0 (0.0)	0 (0.0)	3 (1.0)	1 (0.6)	44 (3.8)	47 (3.7)	3 (1.4)	2 (1.1)
France	11 (2.6)	86 (2.9)	3 (1.8)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.9)	7 (2.5)	4 (1.2)	77 (3.9)	10 (2.8)
Germany ¹	² 25 (4.4)	72 (4.5)	3 (1.8)	0 (0.0)	1 (1.4)	1 (1.4)	0 (0.0)	22 (4.4)	0 (0.0)	73 (5.0)	3 (1.8)
Greece ¹	9 (2.3)	64 (4.4)	27 (3.9)	0 (0.0)	0 (0.0)	1 (0.9)	0 (0.0)	0 (0.0)	0 (0.2)	31 (3.4)	67 (3.5)
Hong Kong	3 (1.9)	4 (2.2)	56 (5.7)	37 (5.9)	1 (1.4)	4 (2.2)	3 (1.8)	25 (4.7)	15 (4.1)	38 (6.0)	14 (4.1)
Hungary	37 (4.0)	57 (4.1)	6 (2.2)	0 (0.0)	0 (0.0)	1 (0.7)	0 (0.0)	2 (1.3)	0 (0.0)	82 (3.0)	15 (3.1)
Iceland	² 36 (5.9)	64 (5.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	5 (2.0)	1 (1.0)	75 (5.5)	19 (5.5)
Iran, Islamic Republic	² 1 (0.9)	26 (4.5)	54 (5.3)	19 (4.4)	0 (0.0)	1 (0.5)	3 (1.4)	10 (3.0)	59 (4.4)	2 (1.1)	26 (4.3)
Ireland	² 12 (2.7)	68 (4.5)	20 (3.9)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.9)	0 (0.0)	94 (2.2)	5 (2.0)
Israel ¹	² 14 (5.1)	36 (7.4)	49 (9.1)	2 (1.6)	² 0 (0.0)	1 (1.2)	0 (0.0)	3 (2.2)	0 (0.0)	48 (7.1)	48 (6.8)
Japan	0 (0.2)	4 (1.4)	88 (2.0)	8 (1.5)	0 (0.0)	27 (4.0)	4 (1.7)	37 (3.7)	10 (2.3)	16 (2.9)	6 (1.5)
Korea	2 (1.2)	1 (1.0)	4 (1.5)	93 (2.0)	0 (0.0)	5 (1.6)	8 (2.2)	27 (3.7)	21 (3.3)	21 (3.2)	18 (3.4)
Kuwait ¹	0 (0.0)	49 (6.5)	49 (6.3)	2 (1.9)	0 (0.0)	0 (0.0)	0 (0.0)	19 (6.1)	2 (2.0)	60 (8.3)	18 (6.0)
Latvia (Latvian-speaking schools) ¹	² 41 (4.0)	51 (3.8)	4 (2.1)	4 (2.0)	0 (0.0)	0 (0.0)	0 (0.0)	8 (2.8)	1 (0.9)	83 (3.9)	9 (2.4)
Lithuania ¹	² 43 (3.8)	54 (3.7)	3 (1.6)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (1.3)	0 (0.0)	76 (3.9)	22 (3.9)
Netherlands ¹	16 (4.7)	77 (5.6)	7 (3.6)	0 (0.0)	1 (1.2)	1 (0.9)	0 (0.0)	12 (3.5)	2 (1.4)	81 (4.2)	4 (2.2)
New Zealand	11 (2.2)	68 (3.8)	21 (3.1)	0 (0.0)	0 (0.0)	5 (1.9)	2 (0.1)	34 (4.3)	4 (1.5)	54 (4.2)	2 (1.2)
Norway	² 20 (3.5)	79 (3.7)	1 (0.5)	1 (0.8)	² 0 (0.0)	0 (0.0)	0 (0.0)	7 (2.7)	8 (2.7)	67 (4.3)	18 (4.0)
Portugal	12 (2.8)	80 (3.7)	7 (2.6)	0 (0.0)	0 (0.0)	1 (0.9)	1 (0.5)	30 (4.0)	2 (1.1)	57 (4.1)	9 (2.4)
Romania ¹	23 (2.7)	51 (4.3)	24 (4.1)	2 (1.2)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.8)	1 (0.6)	11 (2.8)	87 (2.8)
Russian Federation	15 (2.7)	75 (3.6)	9 (2.3)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	2 (0.9)	1 (0.8)	42 (3.5)	55 (3.4)
Scotland ¹	² 12 (2.8)	80 (3.8)	8 (2.7)	0 (0.0)	² 0 (0.4)	20 (4.3)	4 (2.0)	46 (5.1)	6 (2.3)	24 (4.1)	0 (0.0)
Singapore	1 (0.7)	10 (2.5)	72 (4.3)	18 (4.0)	0 (0.0)	1 (0.9)	0 (0.0)	3 (1.5)	11 (3.1)	26 (4.1)	58 (4.5)
Slovak Republic	15 (2.8)	67 (4.2)	19 (3.6)	0 (0.0)	0 (0.0)	1 (0.9)	0 (0.0)	12 (2.8)	1 (0.7)	83 (3.4)	4 (1.7)
Slovenia ¹	² 15 (3.1)	80 (3.6)	5 (1.8)	0 (0.0)	² 0 (0.0)	0 (0.0)	0 (0.0)	2 (1.4)	0 (0.0)	74 (4.4)	24 (4.2)
South Africa ¹	—	—	—	—	—	—	—	—	—	—	—
Spain	² 13 (2.8)	48 (4.0)	36 (4.2)	4 (1.7)	² 0 (0.0)	4 (1.6)	0 (0.0)	18 (3.3)	9 (2.7)	47 (4.4)	22 (3.7)
Sweden	² 36 (3.9)	61 (4.0)	2 (1.2)	0 (0.0)	² 0 (0.4)	19 (3.0)	7 (1.9)	45 (4.0)	26 (3.3)	2 (1.2)	1 (1.2)
Switzerland ¹	³ 56 (4.5)	44 (4.5)	0 (0.0)	0 (0.0)	0 (0.0)	1 (0.4)	1 (0.3)	26 (4.2)	4 (1.5)	61 (4.4)	6 (2.3)
Thailand ¹	—	—	—	—	² 0 (0.0)	0 (0.0)	0 (0.0)	6 (3.5)	20 (4.8)	16 (4.7)	58 (6.6)
United States	³ 24 (3.0)	59 (3.9)	12 (2.2)	4 (1.8)	² 0 (0.1)	3 (1.3)	0 (0.0)	7 (1.8)	3 (0.9)	64 (2.9)	23 (3.1)

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

² Teacher response data available for 70 to 84 percent of students.

³ Teacher response data available for 50 to 69 percent of students.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 402.—Eighth-grade students' perceptions about mathematics achievement and hours spent on leisure activities, by country: 1994–95

Country	Students' self-perceptions about usually doing well in mathematics								Average hours each day					
	Strongly disagree		Disagree		Agree		Strongly agree		Watching TV or videos	Playing or talking with friends	Doing jobs at home	Playing sports	Reading for enjoyment	Playing computer games
	Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score						
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia ¹	3 (0.3)	457 (7.9)	17 (0.7)	487 (5.6)	60 (0.8)	530 (3.9)	20 (0.9)	586 (4.7)	2.4 (0.05)	1.4 (0.03)	0.9 (0.02)	1.6 (0.03)	0.6 (0.02)	0.6 (0.02)
Austria ¹	3 (0.4)	512 (10.1)	21 (1.1)	508 (5.4)	45 (1.2)	535 (4.0)	31 (1.4)	572 (4.3)	1.9 (0.06)	2.9 (0.08)	0.8 (0.03)	1.9 (0.07)	0.8 (0.03)	0.6 (0.03)
Belgium (Flemish)	5 (0.4)	512 (6.7)	29 (1.0)	548 (5.9)	48 (1.1)	567 (6.4)	17 (0.9)	609 (7.2)	2.0 (0.05)	1.6 (0.05)	1.1 (0.03)	1.8 (0.07)	0.7 (0.03)	0.5 (0.06)
Belgium (French) ¹	3 (0.4)	467 (7.8)	19 (1.3)	505 (5.4)	48 (1.3)	528 (3.8)	29 (1.5)	550 (5.0)	1.9 (0.08)	1.7 (0.10)	0.8 (0.03)	1.8 (0.04)	0.8 (0.03)	0.7 (0.03)
Bulgaria ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Canada	3 (0.3)	480 (9.0)	13 (0.6)	480 (4.9)	49 (1.1)	514 (2.3)	35 (1.1)	570 (3.4)	2.3 (0.04)	2.2 (0.05)	1.0 (0.02)	1.9 (0.03)	0.8 (0.02)	0.5 (0.02)
Colombia ¹	2 (0.4)	—	17 (1.3)	373 (3.7)	51 (1.9)	385 (4.6)	30 (1.4)	398 (5.3)	2.2 (0.07)	1.9 (0.06)	2.3 (0.07)	1.9 (0.06)	0.9 (0.05)	2.0 (0.06)
Cyprus	5 (0.4)	411 (7.6)	18 (0.8)	432 (3.7)	46 (1.0)	469 (2.6)	31 (1.0)	521 (4.4)	2.3 (0.04)	1.7 (0.04)	1.0 (0.03)	1.4 (0.04)	0.8 (0.02)	0.8 (0.03)
Czech Republic	2 (0.3)	—	37 (1.4)	516 (4.2)	48 (1.4)	584 (5.2)	13 (1.0)	640 (8.0)	2.6 (0.05)	2.9 (0.09)	1.3 (0.04)	1.9 (0.06)	1.0 (0.03)	0.6 (0.03)
Denmark ¹	1 (0.2)	—	8 (0.6)	431 (7.0)	53 (1.4)	492 (3.0)	38 (1.3)	537 (4.0)	2.2 (0.06)	2.8 (0.07)	1.1 (0.04)	1.7 (0.06)	0.7 (0.03)	0.7 (0.03)
England ¹	1 (0.2)	—	6 (0.6)	475 (8.3)	69 (1.0)	500 (3.0)	24 (1.0)	538 (5.8)	2.7 (0.07)	2.5 (0.06)	0.8 (0.03)	1.5 (0.05)	0.7 (0.03)	0.9 (0.05)
France	6 (0.7)	495 (6.1)	26 (1.1)	513 (4.0)	46 (1.0)	548 (3.4)	22 (0.8)	564 (5.1)	1.5 (0.04)	1.5 (0.05)	0.9 (0.03)	1.7 (0.04)	0.8 (0.03)	0.5 (0.02)
Germany ¹	7 (0.5)	474 (7.1)	24 (1.0)	491 (5.2)	33 (1.1)	511 (5.1)	36 (1.1)	529 (5.3)	1.9 (0.04)	3.5 (0.07)	0.9 (0.02)	1.7 (0.04)	0.7 (0.02)	0.8 (0.04)
Greece ¹	2 (0.3)	—	16 (0.7)	454 (3.6)	55 (0.8)	481 (3.2)	27 (0.8)	515 (4.2)	2.1 (0.04)	1.5 (0.04)	0.9 (0.03)	1.8 (0.04)	1.0 (0.03)	0.7 (0.03)
Hong Kong	11 (0.9)	536 (9.5)	51 (1.2)	577 (6.7)	33 (1.2)	620 (6.7)	5 (0.5)	643 (8.2)	2.6 (0.05)	1.2 (0.04)	0.7 (0.02)	0.9 (0.03)	0.9 (0.02)	0.8 (0.03)
Hungary	3 (0.3)	469 (11.7)	25 (0.9)	490 (4.2)	57 (1.0)	545 (3.4)	15 (0.8)	608 (4.8)	3.0 (0.06)	2.3 (0.05)	2.0 (0.04)	1.7 (0.04)	1.2 (0.04)	0.7 (0.03)
Iceland	3 (0.6)	421 (10.1)	14 (1.4)	447 (4.9)	55 (1.6)	486 (4.5)	28 (1.8)	519 (9.5)	2.2 (0.05)	3.1 (0.06)	0.8 (0.03)	1.8 (0.06)	0.9 (0.06)	0.7 (0.06)
Iran, Islamic Republic	1 (0.4)	—	8 (0.7)	403 (4.3)	62 (1.4)	423 (2.6)	29 (1.4)	450 (3.7)	1.8 (0.06)	1.2 (0.04)	1.8 (0.06)	1.2 (0.05)	1.1 (0.04)	2.0 (0.02)
Ireland	3 (0.3)	475 (7.7)	18 (1.0)	492 (5.5)	61 (0.9)	530 (5.2)	18 (1.0)	572 (7.6)	2.1 (0.03)	1.5 (0.06)	0.9 (0.03)	1.4 (0.05)	0.6 (0.02)	0.5 (0.03)
Israel ¹	2 (0.4)	—	12 (1.3)	494 (10.1)	45 (1.9)	513 (6.2)	41 (1.9)	549 (8.3)	3.3 (0.10)	2.4 (0.08)	1.2 (0.05)	1.9 (0.09)	1.0 (0.04)	0.9 (0.04)
Japan	10 (0.5)	523 (3.7)	45 (0.7)	577 (2.3)	40 (0.7)	650 (2.5)	4 (0.3)	669 (7.8)	2.6 (0.04)	1.9 (0.04)	0.6 (0.01)	1.3 (0.03)	0.9 (0.02)	0.6 (0.02)
Korea	9 (0.5)	535 (5.7)	53 (1.0)	572 (3.0)	32 (0.9)	669 (3.0)	6 (0.6)	702 (5.7)	2.0 (0.04)	0.9 (0.03)	0.5 (0.02)	0.5 (0.02)	0.8 (0.03)	0.3 (0.02)
Kuwait ¹	3 (0.7)	364 (11.3)	9 (0.9)	382 (3.6)	49 (1.7)	386 (2.4)	39 (2.1)	405 (3.9)	1.9 (0.07)	1.5 (0.11)	1.2 (0.08)	1.5 (0.10)	1.0 (0.04)	0.7 (0.05)
Latvia (Latvian-speaking schools) ¹	2 (0.3)	—	43 (1.2)	471 (3.5)	43 (1.2)	505 (3.7)	12 (0.8)	542 (5.5)	2.6 (0.05)	2.1 (0.06)	1.5 (0.04)	1.2 (0.04)	1.1 (0.03)	0.7 (0.04)
Lithuania ¹	5 (0.5)	446 (7.5)	46 (1.2)	454 (3.4)	38 (1.2)	492 (4.3)	11 (0.8)	544 (6.0)	2.8 (0.05)	2.7 (0.06)	1.2 (0.03)	1.2 (0.04)	1.0 (0.03)	0.9 (0.04)
Netherlands ¹	4 (0.5)	487 (12.4)	21 (1.4)	504 (7.1)	43 (1.3)	537 (8.4)	32 (1.6)	580 (7.3)	2.5 (0.09)	2.8 (0.08)	0.9 (0.04)	1.8 (0.06)	0.6 (0.03)	0.7 (0.04)
New Zealand	2 (0.3)	—	13 (0.8)	466 (6.1)	62 (0.9)	501 (4.5)	22 (0.8)	559 (5.5)	2.5 (0.05)	1.5 (0.04)	0.9 (0.02)	1.5 (0.04)	0.8 (0.02)	0.7 (0.03)
Norway	3 (0.3)	434 (7.4)	18 (0.9)	455 (3.2)	58 (1.0)	504 (2.2)	21 (0.8)	555 (4.4)	2.5 (0.04)	3.2 (0.06)	1.1 (0.03)	1.9 (0.05)	0.7 (0.02)	0.8 (0.03)
Portugal	7 (0.5)	419 (3.6)	37 (1.1)	435 (2.3)	42 (1.1)	463 (2.5)	14 (0.8)	502 (5.2)	2.0 (0.04)	1.7 (0.05)	1.0 (0.04)	1.7 (0.04)	0.7 (0.02)	0.7 (0.03)
Romania ¹	6 (0.6)	455 (12.0)	25 (1.0)	459 (4.6)	49 (0.9)	488 (4.3)	20 (1.0)	505 (6.3)	1.9 (0.06)	1.5 (0.06)	1.9 (0.08)	1.3 (0.05)	1.3 (0.07)	0.6 (0.05)
Russian Federation	2 (0.3)	—	37 (1.4)	501 (7.1)	43 (1.1)	547 (5.1)	18 (0.8)	590 (4.9)	2.9 (0.05)	2.9 (0.05)	1.5 (0.03)	1.0 (0.03)	1.3 (0.04)	1.0 (0.04)
Scotland ¹	2 (0.3)	—	10 (0.8)	455 (5.5)	66 (1.3)	491 (4.8)	22 (1.3)	553 (9.3)	2.7 (0.05)	2.8 (0.08)	0.7 (0.02)	1.9 (0.05)	0.7 (0.02)	1.0 (0.04)
Singapore	6 (0.4)	587 (9.0)	38 (1.2)	624 (5.2)	46 (1.1)	659 (4.9)	11 (0.6)	677 (6.2)	2.7 (0.05)	1.5 (0.04)	1.0 (0.03)	0.7 (0.03)	1.1 (0.02)	0.6 (0.03)
Slovak Republic	1 (0.2)	—	28 (1.1)	496 (3.8)	55 (1.1)	555 (3.8)	15 (0.7)	619 (5.2)	2.7 (0.05)	2.9 (0.07)	1.5 (0.05)	1.8 (0.04)	1.0 (0.03)	0.6 (0.03)
Slovenia ¹	2 (0.3)	—	24 (1.1)	497 (4.0)	53 (1.0)	538 (3.6)	21 (0.9)	602 (4.2)	2.0 (0.04)	1.7 (0.05)	1.6 (0.05)	1.6 (0.03)	0.9 (0.02)	0.6 (0.02)
South Africa ¹	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spain	5 (0.5)	441 (4.6)	23 (1.0)	456 (2.6)	45 (1.1)	488 (2.6)	27 (1.0)	522 (3.4)	1.8 (0.05)	1.8 (0.06)	1.1 (0.03)	1.7 (0.04)	0.6 (0.02)	0.3 (0.02)
Sweden	2 (0.3)	—	16 (0.7)	475 (3.4)	61 (0.9)	517 (3.0)	21 (0.8)	565 (3.8)	2.3 (0.04)	2.3 (0.05)	0.9 (0.02)	1.6 (0.04)	0.7 (0.02)	0.6 (0.02)
Switzerland ¹	3 (0.4)	497 (10.1)	21 (0.9)	528 (4.0)	47 (0.9)	541 (3.0)	28 (1.1)	575 (3.3)	1.3 (0.03)	2.4 (0.05)	1.0 (0.03)	1.8 (0.03)	0.8 (0.02)	0.4 (0.02)
Thailand ¹	2 (0.3)	—	38 (1.5)	510 (5.1)	45 (1.1)	529 (6.6)	15 (0.9)	537 (7.4)	2.1 (0.07)	1.2 (0.03)	1.6 (0.03)	1.1 (0.02)	1.0 (0.02)	0.3 (0.02)
United States	3 (0.3)	430 (5.1)	11 (0.6)	462 (4.8)	52 (0.9)	491 (4.3)	34 (1.0)	534 (5.9)	2.6 (0.07)	2.5 (0.06)	1.2 (0.04)	2.2 (0.05)	0.7 (0.02)	0.7 (0.03)

¹ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

² Student response data available for 70 to 84 percent of students.

—Data not available or not applicable.

NOTE.—Data are for 8th grade or equivalent in most countries. Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Middle School Years: IEA's Third International Mathematics and Science Study, 1997*, by Albert E. Beaton et al. Copyright © 1996 Boston College, Chestnut Hill, MA. (This table was prepared June 1997.)

Table 403.—Average 4th-grade mathematics scores,¹ by content areas, and average time spent studying mathematics out of school, by country: 1994–95

Country	Average percent correct by content area							Amount of daily out-of-school study time in mathematics						
	Overall mathematics scores	Whole numbers	Fractions and proportionality	Measurement, estimation, and number sense	Data representation, analysis, and probability	Geometry	Patterns, relations, and functions	No time		Less than 1 hour		1 hour or more		Average hours ²
								Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Australia ³	63 (0.6)	67 (0.6)	51 (0.7)	60 (0.7)	67 (0.8)	74 (0.7)	64 (0.9)	15 (0.9)	526 (5.6)	61 (1.2)	559 (3.2)	24 (1.0)	530 (4.4)	0.8 (0.02)
Austria ³	65 (0.7)	74 (0.8)	51 (0.8)	69 (0.8)	66 (1.1)	67 (0.8)	64 (1.1)	4 (0.7)	555 (8.6)	58 (1.8)	571 (3.8)	38 (1.6)	546 (4.1)	1.0 (0.03)
Canada	60 (1.0)	68 (0.9)	48 (1.0)	54 (1.1)	68 (1.4)	72 (1.4)	62 (1.5)	14 (1.1)	526 (4.4)	60 (1.4)	544 (4.0)	26 (1.2)	522 (5.0)	0.8 (0.02)
Cyprus	54 (0.6)	65 (0.7)	48 (0.7)	48 (0.8)	52 (0.9)	53 (0.9)	55 (1.1)	9 (0.7)	473 (6.1)	51 (1.9)	519 (3.6)	40 (1.6)	495 (3.8)	1.1 (0.03)
Czech Republic	66 (0.6)	75 (0.6)	53 (0.8)	68 (0.7)	67 (0.9)	71 (0.7)	67 (0.9)	9 (0.9)	547 (6.6)	69 (1.2)	576 (3.6)	22 (1.1)	560 (4.3)	0.7 (0.02)
England ^{3,5}	57 (0.7)	58 (0.7)	45 (0.8)	52 (0.7)	64 (0.9)	74 (0.8)	55 (1.0)	—	—	—	—	—	—	—
Greece	51 (0.9)	62 (1.0)	42 (1.1)	48 (1.0)	50 (1.2)	53 (1.2)	47 (1.2)	6 (0.5)	453 (6.8)	38 (1.6)	512 (4.1)	56 (1.7)	493 (4.0)	1.6 (0.04)
Hong Kong	73 (0.9)	79 (0.9)	66 (1.0)	69 (0.9)	76 (1.0)	74 (0.8)	73 (1.2)	6 (0.7)	550 (7.9)	44 (1.2)	595 (4.2)	50 (1.2)	586 (4.5)	1.3 (0.03)
Hungary ³	64 (0.8)	76 (0.7)	49 (0.9)	64 (0.9)	60 (1.0)	66 (0.8)	69 (1.1)	5 (0.7)	543 (10.8)	58 (1.3)	563 (3.9)	37 (1.4)	533 (4.2)	1.0 (0.03)
Iceland	50 (0.8)	56 (0.9)	36 (1.0)	44 (0.9)	58 (1.2)	63 (1.0)	48 (1.4)	10 (0.8)	457 (4.3)	63 (1.4)	483 (3.5)	27 (1.4)	472 (3.2)	0.8 (0.02)
Iran, Islamic Republic ⁴	38 (0.9)	51 (1.2)	32 (1.0)	36 (0.9)	23 (0.9)	42 (0.9)	40 (1.4)	5 (0.7)	402 (6.6)	17 (1.3)	433 (6.0)	78 (1.5)	443 (4.5)	2.3 (0.07)
Ireland	63 (0.8)	70 (0.8)	58 (1.0)	56 (0.9)	69 (0.9)	66 (0.8)	64 (1.0)	7 (0.6)	516 (7.1)	70 (1.3)	565 (3.2)	23 (1.2)	530 (4.9)	0.8 (0.02)
Israel ^{3,4}	59 (1.0)	71 (1.0)	48 (1.1)	54 (1.0)	64 (1.2)	62 (1.0)	60 (1.5)	14 (1.3)	525 (6.4)	46 (2.2)	535 (4.7)	40 (1.9)	528 (4.1)	1.1 (0.05)
Japan	74 (0.4)	82 (0.4)	65 (0.6)	72 (0.5)	79 (0.5)	72 (0.6)	76 (0.6)	10 (0.7)	558 (4.3)	60 (1.1)	598 (2.3)	31 (1.2)	610 (3.0)	0.9 (0.02)
Korea	76 (0.4)	88 (0.3)	65 (0.5)	72 (0.5)	80 (0.6)	72 (0.6)	83 (0.7)	14 (0.8)	593 (4.2)	44 (1.1)	610 (2.5)	42 (1.2)	621 (2.3)	1.0 (0.02)
Kuwait ³	32 (0.5)	36 (0.5)	25 (0.5)	35 (0.6)	26 (0.6)	36 (0.6)	33 (1.0)	5 (0.7)	372 (5.7)	34 (1.4)	410 (3.0)	60 (1.5)	401 (2.8)	1.9 (0.05)
Latvia (Latvian-speaking schools) ³	59 (1.0)	68 (0.9)	44 (1.3)	60 (1.0)	54 (1.3)	67 (1.0)	65 (1.2)	7 (0.7)	476 (7.5)	61 (1.9)	542 (6.3)	33 (1.7)	518 (5.1)	1.0 (0.03)
Netherlands ³	69 (0.7)	75 (0.8)	60 (0.9)	70 (0.8)	75 (0.9)	71 (0.8)	65 (1.1)	47 (2.7)	593 (4.3)	39 (2.3)	578 (3.6)	14 (1.5)	541 (6.1)	0.5 (0.03)
New Zealand	53 (1.0)	57 (1.0)	41 (1.1)	49 (1.1)	61 (1.3)	66 (1.1)	52 (1.2)	21 (1.6)	488 (9.7)	54 (1.7)	512 (4.4)	25 (1.4)	493 (5.2)	0.8 (0.03)
Norway	53 (0.7)	61 (0.8)	38 (0.7)	56 (0.7)	59 (0.9)	58 (0.9)	50 (1.2)	23 (1.3)	503 (4.1)	58 (1.2)	512 (3.3)	19 (1.1)	497 (5.3)	0.6 (0.02)
Portugal	48 (0.7)	57 (0.8)	38 (0.7)	49 (0.8)	43 (1.1)	52 (1.0)	47 (1.1)	3 (0.5)	420 (9.1)	55 (1.7)	489 (3.9)	42 (1.6)	470 (3.9)	1.3 (0.03)
Scotland ⁴	58 (0.8)	61 (0.8)	46 (1.0)	53 (0.9)	66 (1.0)	72 (0.8)	57 (1.0)	26 (1.8)	519 (7.2)	63 (2.0)	528 (3.8)	11 (1.0)	501 (8.9)	0.5 (0.02)
Singapore	76 (0.8)	83 (0.7)	74 (1.0)	67 (1.0)	81 (0.8)	72 (0.8)	76 (0.9)	—	—	—	—	—	—	—
Slovenia ³	64 (0.6)	74 (0.6)	50 (0.9)	64 (0.9)	64 (1.0)	72 (0.8)	68 (0.8)	3 (0.4)	502 (11.4)	57 (1.5)	563 (3.7)	40 (1.4)	548 (3.7)	1.0 (0.03)
Thailand ³	50 (1.1)	58 (1.3)	44 (1.0)	44 (1.0)	56 (1.5)	53 (1.2)	50 (1.3)	17 (1.3)	470 (4.3)	44 (1.6)	496 (4.5)	39 (1.8)	489 (6.1)	1.0 (0.03)
United States	63 (0.6)	71 (0.7)	51 (0.8)	53 (0.6)	73 (0.9)	71 (0.7)	66 (0.9)	8 (0.5)	516 (4.4)	60 (1.1)	561 (3.1)	32 (1.1)	528 (2.9)	1.0 (0.03)

¹ Fourth grade students or equivalent in most countries.

² Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–4 hours = 3.5; More than 4 hours = 5.

³ Countries not meeting all International Association for the Evaluation of Educational Achievement's sampling specifications.

⁴ Indicates a 70 to 84 percent student response rate on question about time spent studying mathematics.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 404.—Average 4th-grade science scores,¹ by content areas, and average time spent teaching science in school, by country: 1994–95

Country	Science content areas					Average number of hours science is taught weekly to science classes							
	Overall science scores	Earth science	Life science	Physical science	Environmental issues and the nature of science	Less than 1 hour		1 to 2 hours		2 to 3 hours		More than 3 hours	
						Percent	Mean score	Percent	Mean score	Percent	Mean score	Percent	Mean score
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Australia ^{2,3}	66 (0.5)	61 (0.6)	72 (0.5)	63 (0.7)	63 (0.8)	35 (3.9)	556 (5.0)	55 (4.0)	568 (5.9)	5 (1.5)	562 (18.1)	5 (2.1)	562 (8.4)
Austria ²	66 (0.7)	62 (0.8)	72 (0.7)	64 (0.8)	54 (1.0)	0 (0.0)	—	0 (0.0)	—	97 (1.8)	566 (3.6)	3 (1.8)	540 (30.3)
Canada	64 (0.6)	62 (0.6)	68 (0.6)	61 (0.7)	56 (0.7)	8 (2.0)	536 (10.1)	42 (3.8)	542 (5.1)	27 (3.3)	567 (5.4)	23 (3.2)	550 (4.6)
Cyprus	51 (0.5)	48 (0.7)	55 (0.5)	50 (0.7)	42 (1.0)	—	—	—	—	—	—	—	—
Czech Republic	65 (0.5)	64 (0.6)	71 (0.5)	62 (0.7)	56 (0.9)	2 (1.1)	—	79 (3.6)	557 (3.9)	3 (1.4)	572 (6.8)	16 (3.2)	563 (7.3)
England ^{4,5}	63 (0.6)	61 (0.6)	68 (0.6)	60 (0.8)	56 (1.0)	6 (1.7)	540 (8.7)	27 (4.1)	548 (7.5)	44 (4.8)	556 (5.9)	23 (3.8)	550 (8.2)
Greece	54 (0.8)	52 (0.9)	61 (0.9)	49 (0.9)	43 (1.2)	—	—	—	—	—	—	—	—
Hong Kong	62 (0.7)	61 (0.6)	68 (0.7)	60 (0.8)	50 (1.1)	13 (3.4)	530 (13.3)	84 (3.7)	534 (4.3)	2 (1.5)	—	1 (0.8)	—
Hungary ²	62 (0.6)	62 (0.7)	66 (0.6)	59 (0.8)	50 (0.9)	6 (2.2)	556 (13.3)	72 (4.1)	529 (3.7)	8 (3.0)	521 (8.4)	14 (3.1)	549 (10.5)
Iceland ³	55 (0.7)	55 (0.7)	60 (0.8)	52 (0.7)	47 (1.2)	17 (4.1)	513 (7.3)	41 (5.6)	504 (7.7)	30 (5.1)	499 (6.5)	12 (4.3)	523 (6.8)
Iran, Islamic Republic	40 (0.7)	38 (0.7)	44 (0.7)	40 (0.9)	26 (0.9)	—	—	—	—	—	—	—	—
Ireland	61 (0.6)	60 (0.8)	66 (0.6)	57 (0.7)	55 (0.9)	47 (5.0)	536 (5.6)	40 (4.4)	540 (5.8)	11 (3.1)	550 (7.1)	2 (0.9)	—
Israel ^{2,3,6}	57 (0.8)	51 (0.8)	61 (0.9)	55 (0.9)	51 (1.3)	0 (0.0)	—	53 (5.6)	508 (5.5)	32 (5.8)	494 (6.9)	15 (4.3)	493 (10.6)
Japan	70 (0.3)	66 (0.4)	73 (0.3)	70 (0.4)	62 (0.6)	2 (1.3)	—	1 (0.6)	—	95 (1.8)	575 (1.8)	2 (1.2)	—
Korea	74 (0.4)	72 (0.5)	76 (0.4)	75 (0.5)	70 (0.8)	0 (0.0)	—	1 (0.6)	—	95 (1.8)	597 (1.9)	5 (1.7)	588 (10.3)
Kuwait ^{2,3}	39 (0.5)	36 (0.6)	45 (0.6)	37 (0.5)	25 (0.7)	0 (0.0)	—	1 (0.7)	—	96 (2.0)	402 (3.9)	4 (1.8)	416 (42.2)
Latvia (Latvian-speaking schools) ²	56 (0.8)	57 (1.0)	60 (0.8)	54 (0.9)	46 (1.2)	89 (2.9)	505 (5.7)	5 (2.2)	538 (47.2)	5 (2.2)	532 (11.9)	1 (0.8)	—
Netherlands ²	67 (0.5)	61 (0.6)	73 (0.5)	65 (0.6)	61 (0.9)	38 (5.1)	559 (4.0)	44 (4.8)	556 (4.5)	9 (2.6)	556 (7.2)	9 (2.7)	549 (20.1)
New Zealand ³	60 (0.9)	57 (0.9)	66 (0.9)	57 (1.1)	54 (1.2)	29 (4.2)	542 (8.3)	48 (4.4)	536 (6.1)	14 (3.1)	537 (17.2)	9 (2.6)	509 (21.2)
Norway ³	60 (0.6)	60 (0.6)	67 (0.7)	55 (0.7)	53 (0.9)	73 (5.0)	527 (5.4)	27 (5.0)	535 (7.6)	0 (0.0)	—	0 (0.0)	—
Portugal	50 (0.7)	50 (0.8)	54 (0.8)	49 (0.9)	39 (1.0)	2 (1.1)	—	3 (1.4)	486 (28.2)	12 (3.1)	474 (8.8)	84 (3.6)	481 (4.8)
Scotland ^{3,4}	60 (0.8)	58 (0.9)	65 (0.8)	57 (0.8)	53 (1.2)	35 (4.7)	543 (5.9)	44 (4.7)	534 (6.4)	14 (3.3)	531 (13.2)	7 (2.5)	529 (12.5)
Singapore	64 (0.8)	58 (0.8)	70 (0.8)	64 (0.8)	53 (1.1)	0 (0.0)	—	4 (1.5)	548 (18.9)	96 (1.5)	547 (5.1)	0 (0.0)	—
Slovenia ²	64 (0.7)	64 (0.7)	68 (0.7)	61 (0.8)	54 (0.8)	3 (1.9)	544 (18.9)	60 (5.3)	541 (4.6)	18 (4.0)	550 (9.5)	19 (3.4)	548 (6.8)
Thailand ^{2,3}	49 (0.9)	48 (0.9)	52 (0.8)	46 (1.0)	48 (1.4)	2 (1.2)	—	9 (3.5)	463 (21.5)	17 (6.1)	469 (16.5)	73 (6.6)	477 (6.5)
United States ³	66 (0.5)	64 (0.7)	71 (0.6)	60 (0.6)	65 (0.8)	9 (2.1)	562 (11.5)	16 (2.9)	550 (10.2)	33 (3.8)	578 (5.9)	42 (4.1)	565 (5.1)

¹ Fourth grade or equivalent in most countries.² Did not satisfy one or more guidelines for sample participation rates, age/grade specification, or classroom sampling procedures.³ Teacher response rate for number of hours science is taught is 84 percent or less.⁴ Met guidelines for sample participation rates only after replacement schools were included.⁵ National defined population covers less than 90 percent of international desired population.⁶ National defined population does not cover all of international desired population.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Science Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study*, 1997, by Albert E. Beaton et al. Copyright © 1997 Boston College, Chestnut Hill, MA. (This table was prepared July 1997.)

Table 405.—Average 12th-grade mathematics scores,¹ by sex, and average time spent studying mathematics out of school, by country: 1994–95

Country	Average score in mathematics			Amount of daily out-of-school study time in mathematics						Average hours ²
	Mathematics overall	Males	Females	Less than 1 hour		One to two hours		Three or more hours		
				Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia ³	522 (9.3)	540 (10.3)	510 (9.3)	59 (2.2)	521 (8.3)	36 (2.2)	557 (10.2)	5 (0.8)	534 (13.4)	1.0 (0.04)
Austria ³	518 (5.3)	545 (7.2)	503 (5.5)	77 (1.7)	526 (5.8)	19 (1.6)	533 (9.4)	4 (0.8)	502 (13.7)	0.6 (0.04)
Canada ³	519 (2.8)	537 (3.8)	504 (3.5)	56 (2.1)	539 (5.1)	38 (1.9)	547 (5.0)	7 (1.0)	526 (14.6)	1.1 (0.05)
Cyprus ³	446 (2.5)	454 (4.9)	439 (3.7)	63 (2.1)	435 (4.3)	29 (1.8)	471 (4.8)	8 (1.3)	451 (9.0)	1.0 (0.05)
Czech Republic	466 (12.3)	488 (11.3)	443 (16.8)	92 (1.5)	464 (13.8)	8 (1.4)	482 (17.8)	0 (0.2)	—	0.4 (0.03)
Denmark ³	547 (3.3)	575 (4.0)	523 (4.0)	68 (2.0)	571 (4.9)	28 (1.6)	563 (4.7)	4 (0.7)	562 (11.9)	0.9 (0.04)
France ³	523 (5.1)	544 (5.6)	506 (5.3)	59 (2.3)	517 (5.1)	35 (2.3)	539 (6.7)	5 (0.7)	505 (14.7)	1.0 (0.04)
Germany ³	495 (5.9)	509 (8.7)	480 (8.8)	—	—	—	—	—	—	—
Hungary	483 (3.2)	485 (4.9)	481 (4.8)	74 (0.9)	480 (3.2)	24 (0.8)	496 (5.5)	2 (0.2)	—	0.7 (0.02)
Iceland ³	534 (2.0)	558 (3.4)	514 (2.2)	79 (1.1)	553 (3.2)	19 (1.1)	542 (7.0)	2 (0.4)	—	0.7 (0.02)
Italy ³	476 (5.5)	490 (7.4)	464 (6.0)	55 (2.6)	479 (6.3)	40 (2.2)	486 (7.2)	5 (0.9)	477 (11.2)	1.0 (0.05)
Lithuania ³	469 (6.1)	485 (7.3)	461 (7.7)	67 (1.8)	472 (5.8)	29 (1.7)	480 (5.2)	4 (0.5)	484 (11.5)	0.8 (0.03)
Netherlands ³	560 (4.7)	585 (5.6)	533 (5.9)	82 (1.7)	606 (6.2)	16 (1.6)	581 (11.1)	1 (0.3)	—	0.7 (0.03)
New Zealand	522 (4.5)	536 (4.9)	507 (6.2)	75 (1.4)	544 (6.1)	23 (1.4)	552 (5.9)	2 (0.3)	—	0.7 (0.03)
Norway ³	528 (4.1)	555 (5.3)	501 (4.8)	85 (1.4)	541 (5.1)	14 (1.3)	558 (9.5)	1 (0.3)	—	0.5 (0.03)
Russian Federation ³	471 (6.2)	488 (6.5)	460 (6.6)	56 (2.0)	463 (5.9)	33 (1.4)	484 (7.5)	11 (1.2)	494 (8.1)	1.2 (0.06)
Slovenia ³	512 (8.3)	535 (12.7)	490 (8.0)	72 (2.7)	521 (9.4)	25 (2.6)	518 (9.5)	2 (0.6)	—	0.7 (0.05)
South Africa ³	356 (8.3)	365 (9.3)	348 (10.8)	33 (1.8)	394 (17.1)	51 (1.8)	375 (10.9)	17 (1.2)	344 (7.2)	1.7 (0.05)
Sweden	552 (4.3)	573 (5.9)	531 (3.9)	90 (0.9)	579 (5.4)	9 (0.9)	580 (7.8)	1 (0.2)	—	0.4 (0.02)
Switzerland	540 (5.8)	555 (6.4)	522 (7.4)	67 (1.6)	569 (4.9)	28 (1.3)	550 (5.6)	5 (0.9)	522 (10.6)	0.9 (0.04)
United States ³	461 (3.2)	466 (4.1)	456 (3.6)	76 (1.5)	475 (3.8)	22 (1.5)	486 (5.9)	2 (0.2)	—	0.7 (0.02)

¹ Twelfth grade students or equivalent in most countries.

² Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.

³ Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Primary School Years, and Science Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study, 1997*, by Albert E. Beaton et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 406.—Average 12th-grade science scores,¹ by sex, and average time spent studying science out of school, by country: 1994–95

Country	Average score in science			Amount of daily out-of-school study time in science						Average hours ²
	Science overall	Males	Females	Less than 1 hour		One to two hours		Three or more hours		
				Percent	Mean score	Percent	Mean score	Percent	Mean score	
1	2	3	4	5	6	7	8	9	10	11
Australia ³	527 (9.8)	547 (11.5)	513 (9.4)	58 (1.8)	540 (9.5)	35 (1.7)	575 (6.9)	7 (1.0)	588 (33.0)	1.0 (0.04)
Austria ³	520 (5.6)	554 (8.7)	501 (5.8)	87 (1.4)	529 (6.0)	11 (1.4)	526 (13.8)	1 (0.3)	—	0.4 (0.03)
Canada ³	532 (2.6)	550 (3.6)	518 (3.8)	57 (2.1)	554 (4.2)	35 (1.8)	567 (6.8)	8 (0.9)	537 (18.0)	1.1 (0.05)
Cyprus ³	448 (3.0)	459 (5.8)	439 (3.0)	80 (1.1)	436 (3.7)	16 (0.9)	483 (10.7)	4 (0.6)	552 (11.8)	0.5 (0.03)
Czech Republic	487 (8.8)	512 (8.8)	460 (11.0)	84 (2.6)	520 (11.6)	14 (2.3)	571 (11.5)	3 (0.5)	583 (13.6)	0.5 (0.05)
Denmark ³	509 (3.6)	532 (5.4)	490 (4.1)	73 (1.8)	555 (4.7)	25 (1.6)	570 (6.1)	3 (0.6)	565 (15.0)	0.7 (0.03)
France ³	487 (5.1)	508 (6.7)	468 (4.8)	59 (2.0)	497 (5.7)	35 (1.8)	525 (7.0)	6 (0.8)	515 (9.1)	1.0 (0.04)
Germany ³	497 (5.1)	514 (7.9)	478 (8.5)	—	—	—	—	—	—	—
Hungary	471 (3.0)	484 (4.2)	455 (4.3)	67 (1.2)	475 (3.9)	27 (0.9)	486 (4.9)	6 (0.6)	497 (11.5)	0.4 (0.03)
Iceland ³	549 (1.5)	572 (2.7)	530 (2.1)	87 (1.0)	566 (2.5)	12 (1.0)	575 (4.6)	1 (0.3)	—	0.9 (0.01)
Italy ³	475 (5.3)	495 (6.7)	458 (5.6)	70 (2.8)	487 (6.3)	25 (2.5)	482 (9.7)	5 (1.2)	462 (13.9)	0.8 (0.06)
Lithuania ³	461 (5.7)	481 (6.4)	450 (7.3)	69 (1.5)	465 (5.5)	26 (1.3)	469 (6.5)	5 (0.6)	470 (11.4)	0.8 (0.03)
Netherlands ³	558 (5.3)	582 (5.7)	532 (6.2)	78 (2.8)	593 (6.4)	20 (2.9)	605 (16.9)	1 (0.4)	—	0.7 (0.03)
New Zealand	529 (5.2)	543 (7.1)	515 (5.2)	80 (1.1)	551 (6.3)	18 (1.1)	581 (6.6)	3 (0.5)	553 (15.3)	0.6 (0.02)
Norway ³	544 (4.1)	574 (5.1)	513 (4.5)	74 (2.4)	592 (7.1)	23 (2.2)	598 (10.8)	3 (0.7)	583 (23.8)	0.5 (0.02)
Russian Federation ³	481 (5.7)	510 (5.7)	463 (6.7)	61 (1.6)	478 (6.0)	30 (1.3)	488 (7.0)	10 (0.8)	501 (8.0)	1.1 (0.04)
Slovenia ³	517 (8.2)	541 (12.7)	494 (6.4)	85 (2.0)	528 (8.1)	13 (1.9)	548 (8.9)	2 (0.6)	—	0.5 (0.04)
South Africa ³	349 (10.5)	367 (11.5)	333 (13.0)	47 (1.6)	373 (15.5)	35 (1.3)	367 (12.2)	18 (1.4)	326 (7.3)	1.5 (0.05)
Sweden	559 (4.4)	585 (5.9)	534 (3.5)	81 (1.9)	599 (7.4)	17 (1.8)	632 (10.1)	2 (0.5)	—	0.6 (0.03)
Switzerland	523 (5.3)	540 (6.1)	500 (7.8)	76 (2.3)	564 (6.6)	21 (2.3)	564 (10.9)	3 (0.9)	508 (29.0)	0.7 (0.04)
United States ³	480 (3.3)	492 (4.5)	469 (3.9)	76 (2.1)	505 (4.3)	21 (2.1)	517 (5.7)	2 (0.4)	—	0.7 (0.04)

¹ Twelfth grade students or equivalent in most countries.² Average hours based on: No time = 0; Less than 1 hour = .5; 1–2 hours = 1.5; 3–5 hours = 4; More than 5 hours = 7.³ Countries not meeting all International Association for the Evaluation of Education Achievement's sampling specifications.

—Data not available or not applicable.

NOTE.—Standard errors appear in parentheses.

SOURCE: International Association for the Evaluation of Educational Achievement, *Mathematics Achievement in the Primary School Years, and Science Achievement in the Primary School Years: IEA's Third International Mathematics and Science Study, 1997*, by Albert E. Beaton et al. Copyright © 1998 Boston College, Chestnut Hill, MA. (This table was prepared October 1998.)

Table 407.—Reading literacy test scores of 9-year-olds: Selected countries, 1992

Country	Grade tested	Mean age	Overall mean score (s.e.) ¹	Narrative ² 1st quartile	Narrative ² mean score (s.e.) ¹	Narrative ² 3rd quartile	Expository ³ mean score (s.e.) ¹	Documents ⁴ mean score (s.e.) ¹
1	2	3	4	5	6	7	8	9
Finland	3	9.7	569 (3.4)	508	568 (3.0)	602	569 (3.1)	569 (4.0)
United States	4	10.0	547 (2.8)	476	553 (3.1)	619	538 (2.6)	550 (2.7)
Sweden	3	9.8	539 (2.8)	467	536 (2.6)	592	542 (2.7)	539 (3.2)
France	4	10.1	531 (4.0)	467	532 (4.1)	580	533 (4.1)	527 (3.9)
Italy	4	9.9	529 (4.3)	468	533 (4.0)	576	538 (4.0)	517 (4.9)
New Zealand	5	10.0	528 (3.3)	452	534 (3.5)	594	531 (3.1)	521 (3.3)
Norway	3	9.8	524 (2.6)	455	525 (2.8)	576	528 (2.3)	519 (2.8)
Iceland ⁵	3	9.8	518 (0.0)	448	518 (0.0)	571	517 (0.0)	519 (0.0)
Hong Kong	4	10.0	517 (3.9)	431	494 (4.1)	548	503 (3.4)	554 (4.2)
Singapore	3	9.3	515 (1.0)	450	521 (1.1)	567	519 (1.0)	504 (1.0)
Switzerland	3	9.7	511 (2.7)	438	506 (2.6)	566	507 (2.7)	522 (2.8)
Ireland	4	9.3	509 (3.6)	445	518 (3.7)	571	514 (3.2)	495 (3.8)
Belgium ⁶	4	9.8	507 (3.2)	439	510 (3.3)	558	505 (2.8)	506 (3.5)
Greece	4	9.3	504 (3.7)	447	514 (3.8)	567	511 (3.6)	488 (3.8)
Spain	4	10.0	504 (2.5)	429	497 (2.4)	543	505 (2.3)	509 (2.7)
Germany (former West)	3	9.4	503 (3.0)	421	491 (2.8)	543	497 (2.9)	520 (3.2)
Canada ⁷	3	8.9	500 (3.0)	437	502 (3.5)	566	499 (2.7)	500 (2.8)
Germany (former East)	3	9.5	499 (4.3)	414	482 (4.2)	531	493 (3.6)	522 (5.0)
Hungary	3	9.3	499 (3.1)	437	496 (2.9)	541	493 (3.1)	509 (3.5)
Slovenia	3	9.7	498 (2.6)	435	502 (2.7)	570	489 (2.5)	503 (2.5)
Netherlands	3	9.2	485 (3.6)	425	494 (3.3)	539	480 (3.4)	481 (3.9)
Cyprus	4	9.8	481 (2.3)	421	492 (2.4)	548	475 (2.3)	476 (2.1)
Portugal	4	10.4	478 (3.6)	419	483 (3.3)	531	480 (3.0)	471 (4.5)
Denmark	3	9.8	475 (3.5)	386	463 (3.4)	539	467 (3.5)	496 (3.6)
Trinidad/Tobago	4	9.6	451 (3.4)	383	455 (3.6)	502	458 (3.4)	440 (3.3)
Indonesia	4	10.8	394 (3.0)	351	402 (2.8)	436	411 (3.2)	369 (3.0)
Venezuela	4	10.1	383 (3.4)	322	378 (3.2)	426	396 (3.3)	374 (3.7)

¹ s.e.=standard error.² Narrative prose is continuous text in which the writer's aim is to tell a story.³ Expository prose is continuous text designed to describe factual information to the reader.⁴ Documents are structured information presented in the form of charts, tables, maps, graphs, lists, or sets of instructions.⁵ Iceland tested all students, therefore standard errors are not applicable.⁶ Only French-speaking students were tested.⁷ British Columbia only.SOURCE: International Association for the Evaluation of Educational Achievement, *How in the World Do Students Read?*, 1992. (This table was prepared April 1993.)

Table 408.—Reading literacy test scores of 14-year-olds: Selected countries, 1992

Country	Grade tested	Mean age	Overall mean score (s.e.) ¹	Narrative ² mean score (s.e.) ¹	Expository ³ 1st quartile	Expository ³ mean score (s.e.) ¹	Expository ³ 3rd quartile	Documents ⁴ mean score (s.e.) ¹
1	2	3	4	5	6	7	8	9
Finland	8	14.7	560 (2.5)	559 (2.8)	493	541 (2.2)	575	580 (2.5)
France	9	15.4	549 (4.3)	556 (4.2)	484	546 (4.3)	580	544 (4.2)
Sweden	8	14.8	546 (2.5)	556 (2.6)	469	533 (2.4)	576	550 (2.4)
New Zealand	10	15.0	545 (5.6)	547 (5.7)	457	535 (5.7)	597	552 (5.3)
Hungary	8	14.1	536 (3.3)	530 (3.1)	469	536 (3.6)	577	542 (3.2)
Iceland ⁵	8	14.8	536 (0.0)	550 (0.0)	472	548 (0.0)	617	509 (0.0)
Switzerland	8	14.9	536 (3.2)	534 (3.4)	466	525 (3.2)	572	549 (3.0)
Hong Kong	9	15.2	535 (3.7)	509 (3.7)	480	540 (3.8)	576	557 (3.8)
United States	9	15.0	535 (4.8)	539 (4.9)	456	539 (5.6)	599	528 (4.0)
Singapore	8	14.4	534 (1.1)	530 (1.1)	476	539 (1.2)	574	533 (1.1)
Slovenia	8	14.7	532 (2.3)	534 (2.6)	471	525 (2.2)	576	537 (2.2)
Germany (former East)	8	14.4	526 (3.5)	512 (3.9)	464	523 (3.5)	566	543 (2.9)
Denmark	8	14.8	525 (2.1)	517 (2.0)	458	524 (2.2)	573	532 (2.1)
Portugal	9	15.6	523 (3.1)	523 (2.5)	469	523 (3.4)	556	523 (3.4)
Canada ⁶	8	13.9	522 (3.0)	526 (3.1)	449	516 (3.1)	569	522 (2.7)
Germany (former West)	8	14.6	522 (4.4)	514 (4.9)	453	521 (4.5)	573	532 (3.9)
Norway	8	14.8	516 (2.3)	515 (2.1)	464	520 (2.4)	569	512 (2.4)
Italy	8	14.1	515 (3.4)	520 (3.6)	459	524 (3.2)	565	501 (3.3)
Netherlands	8	14.3	514 (4.9)	506 (4.8)	442	503 (4.7)	546	533 (5.3)
Ireland	9	14.5	511 (5.2)	510 (5.3)	439	505 (5.3)	555	518 (4.9)
Greece	9	14.4	509 (2.9)	526 (2.9)	450	508 (3.1)	548	493 (2.6)
Cyprus	9	14.8	497 (2.2)	516 (2.2)	427	492 (2.4)	536	482 (2.0)
Spain	8	14.2	490 (2.5)	500 (3.0)	435	495 (2.6)	536	475 (2.0)
Belgium ⁷	8	14.3	481 (4.9)	484 (5.1)	415	477 (4.8)	522	483 (4.7)
Trinidad/Tobago	9	14.4	479 (1.7)	482 (1.7)	408	485 (1.8)	537	472 (1.7)
Thailand	9	15.2	477 (6.2)	468 (6.6)	429	486 (5.9)	533	478 (6.2)
Philippines	8	14.5	430 (3.9)	421 (3.6)	378	439 (4.1)	472	430 (3.9)
Venezuela	9	15.5	417 (3.1)	407 (2.9)	381	433 (3.3)	482	412 (3.0)
Nigeria ^{8,9}	9	15.3	401 (—)	402 (—)	351	406 (—)	441	394 (—)
Zimbabwe ⁹	9	15.5	372 (3.8)	367 (3.3)	326	374 (3.6)	411	373 (4.6)
Botswana	9	14.7	330 (2.0)	340 (1.6)	294	339 (1.9)	371	312 (2.4)

¹ s.e.=standard error.² Narrative prose is continuous text in which the writer's aim is to tell a story.³ Expository prose is continuous text designed to describe factual information to the reader.⁴ Documents are structured information presented in the form of charts, tables, maps, graphs, lists, or sets of instructions.⁵ Iceland tested all students, therefore standard errors are not applicable.⁶ British Columbia only.⁷ Only French-speaking students were tested.⁸ Insufficient data to calculate the standard error.⁹ Sampling response rate of schools was below 80 percent.

—Data not available.

SOURCE: International Association for the Evaluation of Educational Achievement, *How in the World Do Students Read?*, 1992. (This table was prepared April 1993.)

Table 409.—Number of bachelor's degree recipients per 100 persons of the theoretical age of graduation,¹ by sex: Selected countries, 1989 to 1995

Country	Men and women						Men						Women					
	1989	1990	1991	1992	1994	1995	1989	1990	1991	1992	1994	1995	1989	1990	1991	1992	1994	1995
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Australia	19.6	—	24.1	28.5	32.2	34.9	18.9	—	21.0	23.7	25.9	27.6	21.1	—	27.3	33.6	38.7	42.7
Austria	6.6	7.7	7.7	—	9.2	9.8	7.6	8.5	8.5	—	10.1	10.6	5.5	6.8	6.9	—	8.4	8.9
Belgium	16.5	17.1	13.2	—	—	—	18.9	19.5	15.0	—	—	—	14.1	14.7	11.4	—	—	—
Canada	—	—	31.1	32.2	30.3	31.8	—	—	26.6	27.6	25.5	26.4	—	—	35.8	37.6	35.3	37.4
Denmark	12.9	15.0	16.6	22.3	30.5	28.5	11.5	13.3	14.4	17.7	26.4	25.1	14.4	16.9	18.9	27.2	34.9	31.9
Finland	16.9	17.1	17.1	—	22.2	22.2	17.1	17.0	16.9	—	22.2	22.0	16.6	17.1	17.3	17.9	22.1	22.3
France	13.8	14.9	16.3	—	—	—	13.7	14.7	14.9	—	—	—	13.9	15.1	17.7	—	—	—
Germany ²	13.2	12.9	12.4	—	14.6	16.2	16.1	15.7	14.3	—	16.4	18.2	10.1	10.0	10.4	—	12.6	14.0
Ireland	16.4	17.4	16.8	17.8	—	21.2	31.9	17.5	17.0	17.9	—	19.9	—	17.3	16.6	17.7	—	22.7
Italy	8.9	9.2	9.5	—	11.3	11.8	9.1	9.3	9.5	—	10.3	10.8	8.7	9.0	9.5	—	12.4	12.9
Japan	—	22.1	23.2	23.2	23.2	22.8	—	31.5	32.7	31.9	31.0	30.4	—	12.4	13.4	14.0	15.2	14.9
Netherlands	10.2	8.0	8.3	17.6	—	22.0	12.3	9.4	9.6	17.3	—	20.6	7.9	6.5	6.9	17.8	—	23.4
New Zealand	36.1	15.3	15.2	17.2	—	24.7	16.6	15.4	15.4	16.9	—	20.9	15.5	15.1	15.0	17.4	—	28.6
Norway	24.6	27.5	30.7	19.0	23.0	23.0	18.1	19.1	22.3	14.5	17.4	17.2	31.7	36.3	39.4	23.7	28.8	28.9
Portugal	—	7.6	—	—	13.8	14.6	—	5.9	—	—	10.4	10.8	—	9.3	—	—	17.2	18.3
Spain	17.7	18.6	19.9	—	—	24.0	14.6	15.3	16.3	—	—	19.6	21.0	22.0	23.6	—	—	28.6
Sweden	13.0	12.2	12.5	14.1	13.7	15.5	11.1	10.5	10.9	11.8	12.0	14.0	15.1	14.0	14.3	16.4	15.4	17.0
Switzerland	7.7	7.7	7.6	—	8.5	9.1	10.1	10.3	9.8	—	10.7	11.4	5.3	5.1	5.4	—	6.3	6.8
Turkey	6.0	6.1	6.1	6.1	—	7.0	7.3	7.5	7.5	7.5	—	8.6	4.6	4.5	4.5	4.6	—	5.2
United Kingdom	—	—	—	20.4	25.9	31.6	—	—	—	21.0	25.5	30.3	—	—	—	19.8	26.3	32.9
United States	27.3	28.6	29.3	27.4	32.2	33.2	25.5	26.2	26.5	24.6	28.7	29.3	29.2	31.1	32.3	30.3	35.9	37.3

¹The graduation rate relates the number of people with bachelor's degrees to the number of people in the population at typical age of graduation.

²Data for 1989 are for the former West Germany.

—Data not available.

SOURCE: Organization for Economic Cooperation and Development, unpublished tabulations. (This table was prepared August 1998.)

Table 410.—Percent of bachelor's degrees awarded in science: Selected countries, 1985 to 1995

Country	All science degrees				Natural sciences				Mathematics and computer science				Engineering			
	1985	1990	1994	1995	1985	1990	1994	1995	1985	1990	1994	1995	1985	1990	1994	1995
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Australia	—	—	19.2	19.3	—	—	10.2	9.9	—	—	3.6	3.8	—	—	5.4	5.6
Austria	16.8	19.6	20.7	21.1	5.0	5.3	5.5	6.0	4.1	5.2	5.4	5.3	7.7	9.0	9.8	9.9
Belgium	—	—	—	—	4.6	—	—	—	1.7	—	—	—	—	—	—	—
Canada	17.1	16.4	16.3	16.7	4.9	6.0	6.2	6.5	4.5	4.2	3.8	3.8	7.7	6.2	6.3	6.4
Denmark	—	—	—	—	6.3	4.4	4.2	2.5	—	—	—	—	16.2	21.7	—	17.0
Finland	39.3	33.5	37.0	37.2	7.7	4.1	4.4	4.0	6.3	5.9	7.4	6.9	25.3	23.4	25.1	26.3
Germany ¹	23.8	31.3	31.7	31.6	5.0	7.2	6.9	6.7	2.3	3.5	5.2	5.2	16.5	20.5	19.6	19.7
Ireland	28.8	34.1	—	32.3	12.8	14.1	—	16.9	4.0	6.3	—	4.7	12.0	13.7	—	10.7
Italy	19.5	19.7	19.1	19.5	8.1	7.6	7.0	6.8	3.1	3.9	3.4	3.8	8.3	8.3	8.7	8.9
Japan	22.7	23.5	22.8	22.8	2.4	2.4	3.4	3.4	—	—	—	—	20.3	21.0	19.3	19.3
Netherlands	21.8	21.1	—	—	8.5	7.1	—	—	1.2	1.6	—	1.6	12.1	12.4	—	—
New Zealand	20.5	19.5	—	—	11.7	8.2	—	—	5.5	5.5	—	—	3.3	5.8	—	3.2
Norway	—	12.9	18.6	16.8	2.5	2.1	4.1	3.1	1.8	0.6	0.4	0.5	—	10.2	14.2	13.2
Portugal	—	—	15.9	15.0	6.5	6.7	2.6	2.2	—	—	2.4	2.8	—	10.5	11.0	9.9
Spain	13.9	15.0	—	18.2	5.5	5.7	—	4.3	1.3	2.6	—	4.5	7.0	6.7	—	9.4
Sweden	15.4	24.0	25.0	26.4	2.6	4.1	3.9	3.9	1.6	4.7	5.3	5.5	11.3	15.2	15.9	17.0
Switzerland	20.2	23.0	22.1	22.3	10.3	11.2	10.4	10.4	2.1	3.7	3.3	3.7	7.9	8.1	8.4	8.3
Turkey	23.0	20.6	—	20.9	3.6	4.6	—	5.1	1.6	2.1	—	2.7	17.8	13.8	—	13.1
United States	21.7	16.9	15.9	—	6.3	5.1	6.0	—	5.5	4.0	3.3	3.3	9.8	7.8	6.7	6.7

¹Data for 1985 are for the former West Germany.

—Data not available.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, unpublished figures. (This table was prepared July 1998.)

Table 411.—Percent of graduate degrees awarded in science: Selected countries, 1985, 1990, and 1991

Country	All science degrees			Natural sciences			Mathematics and computer science			Engineering		
	1985	1990	1991	1985	1990	1991	1985	1990	1991	1985	1990	1991
1	2	3	4	5	6	7	8	9	10	11	12	13
Australia	—	—	13.9	—	—	9.6	—	—	—	—	—	4.3
Austria	43.3	37.7	37.4	14.2	12.3	13.4	7.3	4.6	6.1	21.7	20.8	17.9
Canada	19.7	20.0	19.7	7.5	7.8	7.7	2.8	3.4	3.4	9.4	8.8	8.7
Denmark	16.0	22.2	22.9	4.1	5.8	5.4	2.7	4.8	4.5	9.2	11.6	13.0
Finland	47.6	30.6	29.2	24.0	14.7	12.4	6.3	5.4	4.6	17.2	10.5	12.2
Germany ¹	27.7	33.2	33.9	18.7	23.5	23.3	1.8	2.3	2.2	7.2	7.4	8.4
Ireland	31.4	34.5	28.4	18.9	19.5	15.7	2.6	5.8	4.1	9.9	9.3	8.6
Japan	50.1	54.6	54.2	9.5	9.5	9.5	—	—	—	40.5	45.1	44.7
Netherlands	—	28.9	29.9	20.6	17.7	16.7	—	1.5	1.6	7.5	9.7	11.6
New Zealand	45.1	22.6	19.3	24.6	13.8	11.5	5.4	4.7	3.6	15.1	4.0	4.2
Norway	40.1	33.4	33.8	17.9	8.0	7.9	3.5	2.1	2.5	18.7	23.3	23.4
Spain	35.6	26.9	26.6	28.6	19.7	19.1	1.8	1.4	2.5	5.1	5.7	5.0
Sweden	48.0	48.5	44.4	21.2	19.4	15.1	6.8	9.2	8.2	20.0	19.9	21.1
Switzerland	30.7	30.2	32.6	20.3	22.0	23.1	2.8	1.7	1.8	7.6	6.5	7.6
Turkey	35.8	24.0	21.7	6.6	7.6	6.4	2.8	3.3	2.8	26.3	13.2	12.4
United States	13.5	14.5	13.8	4.5	4.2	3.8	2.8	3.4	3.2	6.3	6.9	6.7

¹ Data for 1985 are for the former West Germany.
—Data not available.

SOURCE: Organization for Economic Cooperation and Development, unpublished data. (This table was prepared May 1995.)

Table 412.—Public education expenditures per student, by level of student: Selected countries, 1985 to 1993
[In constant 1993 dollars]

Country	Primary					Secondary					Higher education				
	1985	1990	1991	1992	1993 ¹	1985	1990	1991	1992	1993 ¹	1985	1990	1991	1992	1993 ¹
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Austria	\$3,554	\$3,632	\$3,791	\$4,130	\$4,291	\$4,061	\$4,771	\$4,965	\$6,612	\$6,721	\$6,753	\$6,560	\$6,834	\$5,994	\$8,642
Belgium	2,299	2,195	2,273	2,462	2,953	5,437	4,949	5,305	5,304	5,373	7,310	6,363	6,615	6,787	6,380
Denmark	3,677	4,579	4,665	4,346	4,745	5,196	5,459	5,706	5,088	6,175	8,826	8,582	8,153	6,911	8,045
France	—	—	2,749	2,987	3,154	—	—	4,923	5,593	5,685	—	—	5,050	6,200	6,033
Germany ²	—	—	—	3,069	2,815	—	—	—	4,388	6,481	—	—	—	—	7,902
Japan	—	—	—	3,636	3,960	—	—	—	4,017	4,356	—	—	—	12,205	7,556
Ireland	1,363	1,472	1,636	1,823	1,882	2,346	2,475	2,640	2,853	3,031	5,327	5,693	5,927	7,488	7,076
Norway	3,505	3,995	4,122	4,614	—	4,961	5,307	5,704	6,386	—	8,092	8,887	8,917	8,981	8,343
Portugal	1,369	1,989	2,239	—	2,581	1,811	—	2,508	—	2,491	3,844	—	6,536	—	5,667
Spain	1,482	1,854	1,974	2,091	2,293	2,058	2,787	2,896	3,234	3,033	1,964	3,250	3,440	3,883	3,835
Sweden ¹	—	5,429	5,803	4,985	4,917	—	6,480	7,039	6,231	5,651	—	8,929	9,083	7,333	12,693
Switzerland ¹	—	—	5,779	3,667	5,835	—	—	6,963	—	7,024	—	—	15,577	13,286	15,731
Turkey	—	—	599	—	832	—	—	535	—	587	—	—	2,965	—	2,696
United Kingdom	2,406	2,984	2,964	3,213	3,295	3,979	5,664	4,514	4,521	4,494	—	—	10,207	10,680	8,241
United States	4,495	5,380	5,492	5,768	5,492	5,440	6,742	6,866	6,664	6,541	10,527	12,373	12,521	12,236	14,607

¹ Change in definition of expenditures in 1992.

² Data for 1985 are for the former West Germany.
—Data not available.

NOTE.—Data adjusted to U.S. dollars using the purchasing-power-parity (PPP) index. Public subsidies for students' living expenses are excluded. The figures include public expenditures per student in public and private institutions.

SOURCE: Organization for Economic Cooperation and Development, *Education at a Glance*, 1996; and unpublished data. (This table was prepared September 1997.)

**Table 413.—Total public direct expenditures for education as a percentage of gross domestic product, by level of education:
Selected countries, 1985 to 1994**

Country	All levels ¹								Primary education						Secondary education						Higher education					
	1985	1988	1989	1990	1991	1992	1993	1994	1985	1990	1991	1992	1993	1994	1985	1990	1991	1992	1993	1994	1985	1990	1991	1992	1993	1994
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Australia	5.4	4.8	—	—	4.4	4.6	4.7	4.4	1.6	—	—	—	1.5	1.4	1.9	—	2.4	2.8	2.0	1.8	1.7	—	1.9	1.5	1.1	1.1
Austria	5.6	5.5	5.3	5.2	5.3	5.6	5.3	—	1.0	0.9	1.0	1.0	1.0	—	2.7	2.5	2.5	2.6	2.5	—	1.0	1.0	1.1	1.1	1.0	—
Belgium	6.3	5.5	5.6	5.1	5.3	5.3	5.5	5.5	1.1	0.9	0.9	1.0	1.1	1.2	2.9	2.2	2.3	2.2	2.5	2.6	1.0	0.8	0.9	0.6	1.0	1.0
Denmark	6.2	6.4	6.4	6.2	6.1	6.1	6.7	6.5	1.8	1.7	—	1.4	1.5	1.5	2.9	2.7	—	2.6	2.9	2.8	1.2	1.3	1.3	1.3	1.3	1.4
France	—	—	5.0	5.0	5.2	5.4	5.6	5.6	—	1.0	1.0	1.0	1.1	1.1	—	2.4	2.5	2.7	2.9	2.9	—	0.7	0.8	0.8	0.9	0.9
Germany ²	4.6	4.3	—	—	—	—	4.5	4.5	0.6	—	—	—	0.7	0.8	2.2	—	—	—	2.3	2.1	1.0	—	—	—	0.9	0.9
Ireland	5.6	5.4	5.0	4.9	5.1	5.0	5.1	5.1	1.6	1.4	1.5	1.4	1.4	1.4	2.3	2.0	2.1	2.0	2.1	2.2	0.9	1.0	1.0	1.0	1.0	1.0
Italy	4.7	4.9	5.0	5.2	—	5.0	5.0	4.6	1.2	1.1	—	1.1	1.1	1.1	2.1	2.2	—	2.3	2.4	2.2	0.6	1.0	—	0.8	0.8	0.7
Japan	—	3.6	3.5	3.4	3.4	3.5	3.6	3.8	—	—	—	1.3	1.4	1.4	—	—	—	1.4	1.5	1.6	—	—	—	0.3	0.4	0.5
Luxembourg	—	5.2	5.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	6.2	6.1	5.7	5.7	—	4.6	4.6	4.5	1.6	1.3	—	1.1	1.2	1.2	2.5	2.2	—	1.8	1.8	1.8	1.5	1.6	—	1.2	1.2	1.2
New Zealand	—	4.8	5.9	6.2	6.3	5.9	5.8	5.4	—	1.6	1.5	1.3	1.6	1.5	—	1.5	1.4	1.9	2.6	2.4	—	2.2	1.8	1.4	1.2	1.1
Norway	5.1	5.9	5.9	5.9	6.1	6.8	6.8	6.9	1.6	1.5	1.5	1.6	1.5	2.5	2.5	2.4	2.5	2.9	2.4	1.6	0.7	1.1	1.2	1.3	1.3	1.4
Portugal	—	4.0	4.0	—	4.9	—	5.4	5.3	—	—	2.0	—	2.0	1.8	—	—	1.8	—	1.9	2.1	—	—	0.8	—	0.8	0.8
Spain	3.6	3.9	4.1	4.3	4.4	4.4	4.5	4.8	1.1	1.0	1.0	1.0	1.0	1.0	1.8	2.3	2.3	2.3	2.4	2.5	0.4	0.7	0.8	0.8	0.8	0.8
Sweden	—	5.5	5.2	5.3	5.9	6.5	6.6	6.6	—	1.9	2.1	1.9	2.0	2.0	—	2.3	2.6	2.4	2.6	2.5	—	1.0	1.1	1.0	1.4	1.5
Switzerland	4.9	5.0	—	—	5.4	5.2	5.5	5.5	2.7	—	1.4	1.2	1.6	1.6	1.3	—	2.3	2.6	2.5	2.5	0.9	—	1.2	1.1	1.1	1.1
Turkey	—	—	—	—	—	—	3.3	3.3	—	—	—	—	1.7	1.4	—	—	—	—	0.8	0.7	—	—	—	—	0.8	1.2
United Kingdom	4.9	4.5	4.4	4.7	4.8	4.7	4.6	4.6	1.1	1.2	1.3	1.5	1.6	1.6	2.0	2.1	2.1	2.3	2.3	2.2	1.0	0.9	0.9	0.8	0.7	0.7
United States	4.7	4.9	4.8	5.3	5.5	5.0	5.0	4.8	1.4	1.7	1.8	1.8	1.8	1.6	1.8	1.9	1.9	1.8	1.9	—	1.3	1.4	1.5	1.2	1.2	1.1

¹Includes primary, secondary, and higher education and other expenditures not classified by level of education.

²Data prior to 1991 are for the former West Germany.

—Data not available.

SOURCE: Organization for Economic Cooperation and Development, unpublished data. (This table was prepared July 1998.)

Table 414.—Foreign students enrolled in institutions of higher education in the United States and outlying areas, by continent, region, and selected countries of origin: 1980–81 to 1996–97

Continent, region, and country	1980–81		1985–86		1990–91		1992–93		1993–94		1994–95		1995–96		1996–97	
	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent	Number	Per-cent
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Total	311,880	100.0	343,780	100.0	407,530	100.0	438,620	100.0	449,704	100.0	452,635	100.0	453,787	100.0	457,984	100.0
Africa	38,180	12.2	34,190	9.9	23,800	5.8	20,520	4.7	20,569	4.6	20,724	4.6	20,844	4.6	22,078	4.8
Eastern Africa	6,260	2.0	6,730	2.0	7,590	1.9	6,950	1.6	7,093	1.6	7,139	1.6	7,596	1.7	8,628	1.9
Central Africa	1,130	0.4	1,540	0.4	1,650	0.4	1,470	0.3	1,472	0.3	1,430	0.3	1,346	0.3	1,187	0.3
North Africa	7,310	2.3	5,980	1.7	4,540	1.1	3,730	0.9	3,614	0.8	3,522	0.8	3,422	0.8	3,469	0.8
Southern Africa	1,480	0.5	2,360	0.7	2,840	0.7	2,560	0.6	2,563	0.6	2,672	0.6	2,657	0.6	2,678	0.6
West Africa	22,000	7.1	17,580	5.1	7,180	1.8	5,800	1.3	5,804	1.3	5,943	1.3	5,818	1.3	6,115	1.3
Nigeria	17,350	5.6	13,710	4.0	3,710	0.9	2,490	0.6	2,285	0.5	2,147	0.5	2,093	0.5	2,184	0.5
Europe	25,330	8.1	34,310	10.0	49,640	12.2	58,010	13.2	62,442	13.9	64,811	14.3	67,358	14.8	68,315	14.9
Eastern Europe	1,670	0.5	1,770	0.5	4,780	1.2	9,800	2.2	12,929	2.9	15,906	3.5	18,032	4.0	19,471	4.3
Western Europe	23,660	7.6	32,540	9.5	44,860	11.0	48,210	11.0	49,496	11.0	48,905	10.8	49,326	10.9	48,844	10.7
France	—	—	3,680	1.1	5,630	1.4	5,660	1.3	5,976	1.3	5,843	1.3	5,710	1.3	5,692	1.2
Germany, Federal Republic of ¹	3,310	1.1	4,730	1.4	7,000	1.7	7,880	1.8	8,508	1.9	8,592	1.9	9,017	2.0	8,990	2.0
Greece	3,750	1.2	4,440	1.3	4,360	1.1	4,350	1.0	4,144	0.9	3,699	0.8	3,365	0.7	3,010	0.7
Spain	—	—	1,740	0.5	4,300	1.1	5,160	1.2	5,246	1.2	5,126	1.1	4,809	1.1	4,673	1.0
United Kingdom	4,440	1.4	5,940	1.7	7,300	1.8	7,630	1.7	7,828	1.7	7,786	1.7	7,799	1.7	7,357	1.6
Latin America	49,810	16.0	45,480	13.2	47,580	11.7	43,250	9.9	45,246	10.1	47,239	10.4	47,253	10.4	49,592	10.8
Caribbean	10,650	3.4	11,100	3.2	12,610	3.1	10,270	2.3	10,672	2.4	11,286	2.5	10,737	2.4	11,796	2.6
Central America	12,970	4.2	12,740	3.7	15,950	3.9	13,460	3.1	13,886	3.1	14,923	3.3	14,220	3.1	14,524	3.2
Mexico	6,730	2.2	5,460	1.6	6,740	1.7	7,580	1.7	8,021	1.8	9,003	2.0	8,687	1.9	8,975	2.0
South America	26,190	8.4	21,640	6.3	19,020	4.7	19,530	4.5	20,708	4.6	21,030	4.6	22,296	4.9	23,272	5.1
Brazil	—	—	2,840	0.8	3,900	1.0	4,540	1.0	4,977	1.1	5,017	1.1	5,497	1.2	6,168	1.3
Colombia	—	—	4,010	1.2	3,180	0.8	2,850	0.6	3,077	0.7	3,208	0.7	3,462	0.8	3,636	0.8
Venezuela	11,750	3.8	7,040	2.0	2,890	0.7	3,440	0.8	3,742	0.8	4,092	0.9	4,456	1.0	4,590	1.0
Middle East	84,710	27.2	52,720	15.3	33,420	8.2	30,240	6.9	29,509	6.6	30,246	6.7	30,563	6.7	29,841	6.5
Iran	47,550	15.2	14,210	4.1	6,260	1.5	4,090	0.9	3,621	0.8	2,896	0.6	2,628	0.6	2,129	0.5
Jordan	6,140	2.0	6,590	1.9	4,320	1.1	3,260	0.7	2,826	0.6	2,431	0.5	2,222	0.5	2,094	0.5
Lebanon	6,770	2.2	7,090	2.1	3,900	1.0	2,540	0.6	2,165	0.5	1,835	0.4	1,554	0.3	1,370	0.3
Saudi Arabia	10,440	3.3	6,900	2.0	3,590	0.9	3,750	0.9	3,721	0.8	4,075	0.9	4,191	0.9	4,264	0.9
Turkey	—	—	2,460	0.7	4,080	1.0	4,980	1.1	5,474	1.2	6,716	1.5	7,678	1.7	8,194	1.8
North America²	14,790	4.7	16,030	4.7	18,950	4.6	21,550	4.9	23,288	5.2	23,394	5.2	23,644	5.2	23,611	5.2
Canada	14,320	4.6	15,410	4.5	18,350	4.5	20,970	4.8	22,655	5.0	22,747	5.0	23,005	5.1	22,984	5.0
Oceania	4,180	1.3	4,030	1.2	4,230	1.0	4,300	1.0	3,857	0.9	4,327	1.0	4,202	0.9	3,690	0.8
South and East Asia	94,640	30.3	156,830	45.6	229,830	56.4	260,670	59.4	264,693	58.9	261,789	57.8	259,893	57.3	260,743	56.9
East Asia	51,650	16.6	80,720	23.5	146,020	35.8	168,410	38.4	171,279	38.1	168,190	37.2	166,717	36.7	167,935	36.7
China	2,770	0.9	13,980	4.1	39,600	9.7	45,130	10.3	44,381	9.9	39,403	8.7	39,613	8.7	42,503	9.3
Hong Kong	9,660	3.1	10,710	3.1	12,630	3.1	14,020	3.2	13,752	3.1	12,935	2.9	12,018	2.6	10,942	2.4
Japan	13,500	4.3	13,360	3.9	36,610	9.0	42,840	9.8	43,770	9.7	45,276	10.0	45,531	10.0	46,292	10.1
Korea, Republic of	6,150	2.0	18,660	5.4	23,360	5.7	28,520	6.5	31,076	6.9	33,599	7.4	36,231	8.0	37,130	8.1
Taiwan	19,460	6.2	23,770	6.9	33,530	8.2	37,430	8.5	37,581	8.4	36,407	8.0	32,702	7.2	30,487	6.7
South Central Asia	14,540	4.7	25,800	7.5	42,370	10.4	50,430	11.5	48,941	10.9	47,836	10.6	45,401	10.0	44,256	9.7
India	9,250	3.0	16,070	4.7	28,860	7.1	35,950	8.2	34,796	7.7	33,537	7.4	31,743	7.0	30,641	6.7
Pakistan	2,990	1.0	5,440	1.6	7,730	1.9	8,020	1.8	7,299	1.6	6,989	1.5	6,427	1.4	6,095	1.3
South East Asia	28,450	9.1	50,310	14.6	41,440	10.2	41,830	9.5	44,461	9.9	45,763	10.1	47,774	10.5	48,550	10.6
Indonesia	3,250	1.0	8,210	2.4	9,520	2.3	10,920	2.5	11,744	2.6	11,872	2.6	12,820	2.8	12,461	2.7
Malaysia	6,010	1.9	23,020	6.7	13,610	3.3	12,660	2.9	13,718	3.1	13,617	3.0	14,015	3.1	14,527	3.2
Philippines	—	—	3,920	1.1	4,270	1.0	3,700	0.8	3,528	0.8	3,472	0.8	3,127	0.7	2,796	0.6
Singapore	—	—	3,930	1.1	4,500	1.1	4,860	1.1	4,823	1.1	4,473	1.0	4,098	0.9	3,727	0.8
Thailand	6,550	2.1	6,940	2.0	7,090	1.7	8,630	2.0	9,537	2.1	10,889	2.4	12,165	2.7	13,481	2.9
Stateless³	240	0.1	190	0.1	80	(⁴)	80	(⁴)	100	(⁴)	105	(⁴)	30	(⁴)	109	(⁴)

¹1990–91 and later years data are for Germany, which includes the former Federal Republic of Germany and the former Democratic Republic of Germany.

²Excludes Mexico and Central America, which are included with Latin America.

³Home country unknown or undeclared.

⁴Less than .05 percent.

—Data not available.

NOTE.—Data are for “nonimmigrants,” i.e., students who have not migrated to this country. Because of rounding, details may not add to totals.

SOURCE: Institute of International Education, “Open Doors,” various years; and unpublished data. (Latest edition copyright © 1997 by the Institute of International Education. All rights reserved.) (This table was prepared July 1998.)

CHAPTER 7

Learning Resources and Technology

This chapter contains statistics on libraries and on the use of information technologies. These data show the extent of America's access to information technologies outside of formal classroom activities. The data also provide a capsule description of the magnitude and availability of library resources. Access to information has been widely cited as the key to success in a growing number of endeavors. Thus, how information is made available and to whom are matters of concern.

The first section of the chapter deals with public libraries, public and private school libraries, and college and university libraries. It contains data on collections, population served, staff, and expenditures. Two tables provide institutional-level information for the largest public libraries and the largest college libraries in the country.

The second half of the chapter provides information on the availability and use of technology. For example, the proportion of children using computers at school is shown over time. Also included are data on the use of home computers by adults and school children, with comparisons among various demographic groups.

Related data may be found in various sections of this report. For example, statistics on the number of degrees conferred in computer and information sciences and library sciences are in chapter 3. Further information on survey methodologies is in the "Guide to Sources" and in the publications cited in the source notes.

Resources

In 1993–94, there were 83 school library visits each week per 100 public school students. Elementary school students were more likely to visit their school libraries (89 visits per 100 students each week) than secondary school students (69 per 100). Private school students were slightly less likely to visit their libraries (77 per 100). The average number of library staff per school was 1.8 at public schools, and 1.2 at private schools. Public school libraries generally had smaller numbers of books on a per student basis than private school libraries. In 1993–94, public school libraries held an average of 2,585 books per 100 students compared to an average of 3,716 per 100 students at private schools. Although

public elementary school libraries had slightly smaller holdings than public secondary schools on a per student basis, the elementary school students checked out twice as many books on a per student basis (1.5 per week compared to .7 per week) (table 415).

In 1995, there were 8,981 public libraries in the United States with 695 million books and serial volumes. The annual attendance per capita was 3.9 and the reference transactions per capita was 1.1 (table 423).

The increase in college library resources kept pace with increases in enrollment between 1984–85 and 1994–95. The library staff to student ratio decreased slightly from 153 students per staff member to 150 students per staff member. The library operating expenditure per student average rose 9 percent in constant dollars to \$417 in 1994–95. However, other college expenditures rose faster than library expenditures and the proportion of college education budgets spent on libraries fell from 3.4 percent in 1984–85 to 2.9 percent in 1994–95 (table 420).

Technology

There has been widespread introduction of computers into the schools in recent years. In 1997, the average public school contained 75 computers. One important technological advance that has come to schools following the introduction of computers has been connections to the Internet. The proportion of schools with Internet access has increased rapidly from 35 percent in 1994 to 89 percent in 1998. Although some access is now widespread, most schools are not extensively connected. About 51 percent of instructional rooms had access to the Internet in 1998 (table 419).

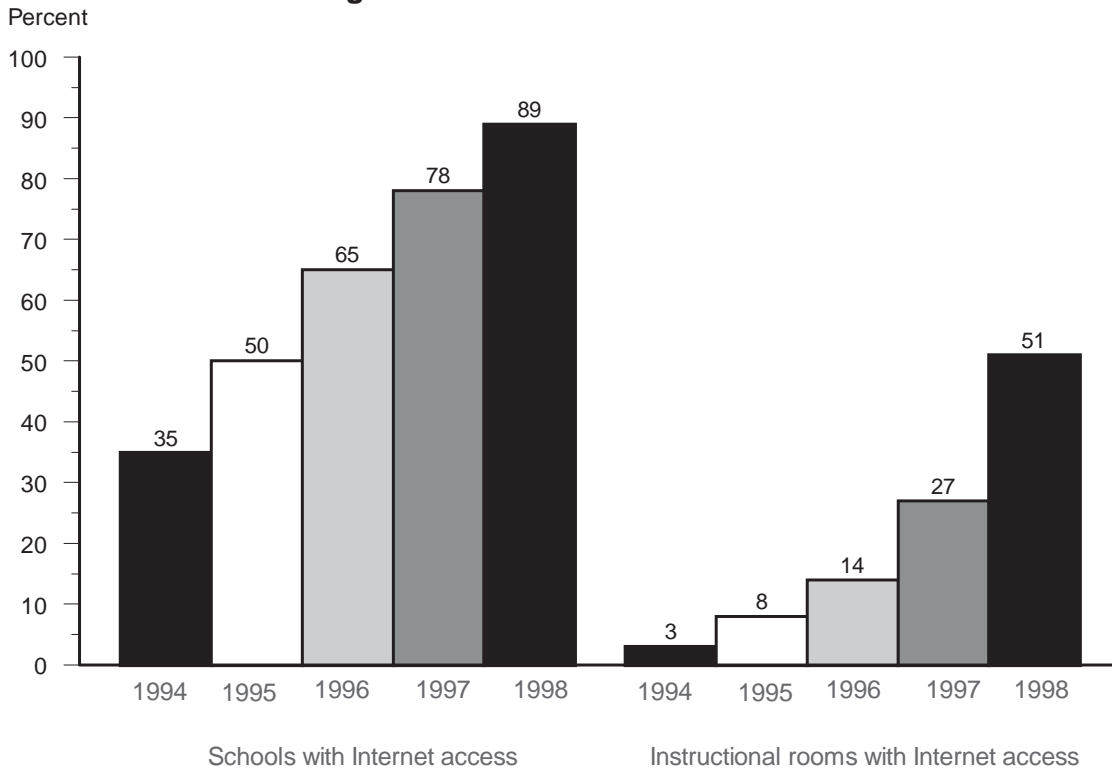
The total computer usage rate of students at school increased from 59 percent in 1993, to 69 percent in October 1997. The rate for grades 1 to 8 increased from 69 percent in 1989 to 79 percent in 1997. The computer usage rate in 1997 was 70 percent for students in high school and 55 percent for students in college. Sizable percentages of students used computers at home, though fewer actually used them for schoolwork. About 43 percent of elementary school children used computers at home and about 24 percent used them for schoolwork. Students at the high school and undergraduate level were much

more likely than elementary school children to use home computers for schoolwork. In general, students in higher income families were more likely to use computers at home and use them for schoolwork than students from lower income families. About 13 percent of the high school students in the \$25,000 to \$29,999 household income group used computers at home for school work compared to 45 percent in the \$75,000 and over income group (table 428).

The use of computers has become widespread in the workplace. In October 1997, 50 percent of all workers used computers on the job. More frequent use of computers was associated with higher levels of education and higher incomes. Only 36 percent of the high school graduates and 12 percent of the high school dropouts used computers compared to 79

percent of those with master's degrees. Among those who did use computers, the master's degree recipients were more likely to use the computers for a wider variety of applications than high school graduates. Among the most common applications for all employees using computers on the job were: book-keeping/invoicing (66 percent), word processing (57 percent), communications (47 percent), analysis/spreadsheets (41 percent), and calendar/schedule (38 percent). Workers in the 25- to 59-year-old age range were more likely to use computers than younger or older workers. Elementary and secondary teachers were less likely to use computers than persons employed in other managerial or professional fields (table 424).

Figure 33.- Percent of all public schools and instructional rooms having Internet access: Fall 1994 to fall 1998



SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Advanced Telecommunications in U.S. Elementary and Secondary Public Schools*, Fall 1996, and *Internet Access in Public Schools and Classrooms: 1994-98*.

Table 415.—Percentage of school library/media centers that offered selected services and equipment, and library/media center expenditures, by control and level of school: 1993–94

Selected statistics	Public				Private			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
1	2	3	4	5	6	7	8	9
Number of schools with libraries	72,286 —	53,059 —	17,356 —	1,871 —	19,301 —	10,880 —	4,178 —	4,243 —
Average number of staff per library								
Total	1.81 (0.02)	1.69 (0.03)	2.12 (0.03)	1.71 (0.07)	1.23 (0.03)	1.09 (0.03)	1.58 (0.06)	1.25 (0.07)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	1.03 (0.02)	0.79 (0.05)	0.28 (0.01)	0.20 (0.02)	0.47 (0.03)	0.30 (0.02)
Full-time	0.61 (0.01)	0.51 (0.01)	0.84 (0.02)	0.51 (0.03)	0.17 (0.01)	0.07 (0.01)	0.35 (0.03)	0.21 (0.02)
Part-time	0.25 (0.01)	0.28 (0.02)	0.19 (0.01)	0.28 (0.04)	0.11 (0.01)	0.12 (0.02)	0.11 (0.01)	0.09 (0.02)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.26 (0.02)	0.29 (0.03)	0.66 (0.02)	0.65 (0.02)	0.65 (0.04)	0.70 (0.06)
Full-time	0.13 (0.01)	0.13 (0.01)	0.14 (0.01)	0.13 (0.03)	0.23 (0.02)	0.19 (0.01)	0.26 (0.03)	0.32 (0.04)
Part-time	0.13 (0.01)	0.14 (0.01)	0.13 (0.01)	0.16 (0.02)	0.43 (0.01)	0.47 (0.02)	0.39 (0.03)	0.39 (0.04)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.83 (0.02)	0.62 (0.04)	0.29 (0.02)	0.24 (0.02)	0.46 (0.03)	0.25 (0.03)
Full-time	0.34 (0.01)	0.28 (0.01)	0.49 (0.02)	0.29 (0.03)	0.07 (0.01)	0.05 (0.01)	0.12 (0.02)	0.07 (0.01)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.02)	0.33 (0.03)	0.22 (0.01)	0.19 (0.02)	0.34 (0.02)	0.18 (0.03)
Percentage of schools' library media centers with the following equipment								
Telephone	61.2 (1.3)	55.8 (1.8)	74.7 (1.6)	51.6 (3.3)	40.8 (1.3)	30.7 (1.6)	52.8 (2.5)	54.6 (4.2)
Fax machine	7.8 (0.5)	4.7 (0.6)	15.1 (0.8)	8.8 (1.4)	5.1 (0.5)	3.1 (0.6)	7.9 (1.1)	7.4 (1.2)
Computer with modem	34.3 (1.0)	28.3 (1.2)	48.2 (1.5)	38.1 (3.0)	19.5 (1.0)	12.2 (1.5)	30.2 (1.9)	27.9 (2.7)
Automated catalog	24.0 (0.9)	20.3 (1.1)	32.8 (1.1)	20.5 (1.9)	9.7 (0.7)	5.5 (0.5)	15.8 (1.9)	14.4 (2.3)
Automated circulation system	37.9 (1.1)	34.1 (1.6)	47.7 (1.3)	27.8 (2.6)	9.5 (0.7)	5.4 (0.6)	16.0 (1.8)	13.8 (1.8)
Database searching with CD-ROM	31.2 (0.8)	23.9 (1.2)	48.1 (1.3)	31.4 (3.1)	13.9 (0.8)	6.3 (0.8)	25.7 (1.6)	21.6 (2.2)
On-line database searching	9.4 (0.5)	5.4 (0.5)	18.9 (0.9)	8.8 (1.5)	5.5 (0.5)	0.7 (0.3)	12.2 (1.2)	11.0 (1.7)
Compact disc for periodical indices, etc.	46.7 (1.1)	39.6 (1.5)	63.5 (1.3)	46.6 (3.7)	19.6 (1.0)	12.3 (1.1)	33.5 (2.2)	24.6 (2.2)
Video laser disc	31.9 (1.0)	30.3 (1.3)	36.1 (1.3)	26.1 (2.8)	6.3 (0.6)	4.8 (0.7)	9.9 (1.2)	6.9 (1.1)
Connection to Internet	12.0 (0.6)	9.5 (0.8)	17.5 (0.8)	15.0 (1.9)	5.3 (0.5)	2.8 (0.8)	9.2 (1.1)	7.5 (1.2)
Cable television	76.2 (0.8)	75.0 (1.1)	80.6 (0.9)	57.7 (3.6)	39.9 (1.3)	42.6 (2.0)	43.1 (2.8)	30.1 (2.7)
Broadcast television	48.6 (1.0)	48.0 (1.4)	49.9 (1.3)	48.1 (3.1)	39.9 (1.6)	42.9 (1.9)	39.7 (2.5)	32.2 (3.9)
Closed circuit television	25.5 (0.7)	22.0 (1.0)	34.0 (1.0)	20.9 (2.2)	8.8 (0.7)	5.7 (1.0)	19.2 (1.6)	6.3 (1.5)
Satellite dish	22.9 (0.6)	14.4 (0.7)	41.1 (1.1)	45.2 (3.0)	8.7 (0.9)	5.6 (0.9)	15.6 (1.2)	9.8 (2.5)
Total students using library per 100 students each week ¹	83.4 (0.4)	88.9 (0.5)	68.6 (0.9)	66.4 (1.8)	76.5 (0.9)	84.9 (1.0)	64.6 (1.7)	60.0 (2.6)
Books checked out per 100 students each week ¹	128 (2)	150 (3)	67 (4)	85 (8)	116 (18)	146 (28)	47 (8)	68 (5)
Percentage of schools offering—								
Microcomputers	90.1 (0.7)	88.5 (1.0)	94.0 (1.0)	87.4 (1.5)	75.8 (1.6)	72.8 (2.1)	80.6 (2.9)	78.5 (3.5)
Long distance learning	19.0 (0.8)	15.9 (1.1)	24.8 (1.0)	36.4 (2.6)	8.8 (0.9)	8.3 (0.9)	8.2 (1.6)	10.9 (2.9)
Average holdings per 100 students at the end of the 1992–93 school year								
Books (number of volumes)	2,585 (57)	2,467 (81)	2,891 (101)	3,085 (262)	3,716 (252)	3,455 (349)	5,383 (726)	3,677 (286)
Current serial subscriptions (print/microfilm)	9 (2)	7 (2)	14 (1)	15 (3)	8 (1)	7 (1)	16 (1)	8 (1)
Video materials (tape and disc)	38 (2)	35 (2)	46 (2)	70 (11)	47 (5)	44 (5)	50 (6)	54 (10)
Other audiovisual materials	116 (4)	114 (6)	117 (7)	187 (24)	76 (6)	74 (5)	120 (16)	63 (16)
Microcomputer software	18 (1)	20 (1)	12 (1)	21 (2)	26 (4)	28 (5)	11 (4)	26 (9)
CD-ROM titles	1 (2)	1 (2)	2 (2)	3 (2)	1 (2)	— (2)	2 (1)	2 (1)
Locally budgeted expenditures ³ per student, 1992–93								
Books	\$8.52 (0.23)	\$7.80 (0.25)	\$10.06 (0.42)	\$14.40 (2.06)	\$7.86 (0.45)	\$6.94 (0.52)	\$12.86 (1.26)	\$8.09 (0.97)
Current serial subscriptions (print/microfilm)	2.18 (0.05)	1.49 (0.06)	4.15 (0.14)	3.33 (0.30)	1.57 (0.09)	0.95 (0.10)	4.83 (0.36)	1.78 (0.20)
Video materials (tape and disc)	1.24 (0.04)	1.04 (0.05)	1.77 (0.10)	1.74 (0.35)	1.07 (0.09)	0.87 (0.08)	1.49 (0.15)	1.40 (0.27)
Other audiovisual materials	0.82 (0.04)	0.77 (0.06)	0.87 (0.07)	1.54 (0.30)	0.55 (0.05)	0.55 (0.06)	0.72 (0.10)	0.45 (0.11)
Microcomputer software	1.09 (0.09)	0.89 (0.07)	1.50 (0.35)	2.84 (0.90)	1.41 (0.19)	1.25 (0.20)	1.86 (0.59)	1.63 (0.36)
CD-ROM titles	0.63 (0.05)	0.38 (0.06)	1.24 (0.09)	2.09 (0.53)	0.69 (0.17)	0.59 (0.25)	1.69 (0.18)	0.53 (0.11)
Expenditures (all sources) per student, 1992–93								
Total, library/media materials	17.18 (0.35)	14.86 (0.45)	22.71 (0.82)	31.11 (3.02)	15.96 (0.80)	13.68 (0.92)	27.29 (2.29)	16.99 (1.53)
Microcomputer hardware	3.84 (0.25)	3.43 (0.33)	4.73 (0.46)	7.15 (1.42)	3.60 (0.59)	2.62 (0.55)	8.68 (1.87)	3.98 (1.27)
Audiovisual equipment	2.24 (0.15)	2.00 (0.17)	2.98 (0.46)	2.25 (0.30)	1.57 (0.19)	1.39 (0.25)	3.12 (0.60)	1.37 (0.32)
On-line database searching/electronic communications	0.30 (0.04)	0.25 (0.06)	0.43 (0.05)	0.55 (0.26)	0.31 (0.13)	0.29 (0.19)	0.60 (0.16)	0.24 (0.06)

¹ During the most recent full week of school.² Standard error less than .5.³ Locally budgeted expenditures exclude federal gifts and grants.

—Data not available.

NOTE.—Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library/media centers. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared August 1997.)

Table 416.—Selected statistics on public school library/media centers, by level and enrollment size of school: 1993–94

Selected statistics	Public elementary, secondary, and combined	Elementary libraries, by enrollment size of school					Secondary libraries, by enrollment size of school				
		Total	Less than 150	150 to 499	500 to 749	750 or more	Total	Less than 150	150 to 499	500 to 749	750 or more
1	2	3	4	5	6	7	8	9	10	11	12
Number of schools with libraries	72,286 —	53,059 —	4,068 —	27,288 —	15,587 —	6,116 —	17,536 —	1,991 —	5,431 —	3,610 —	6,503 —
Average number of staff per library											
Total	1.81 (0.02)	1.69 (0.03)	1.39 (0.09)	1.61 (0.04)	1.76 (0.05)	2.03 (0.07)	2.12 (0.03)	1.66 (0.09)	1.73 (0.04)	1.80 (0.05)	2.90 (0.04)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	0.65 (0.07)	0.75 (0.03)	0.85 (0.04)	0.90 (0.04)	1.03 (0.02)	0.80 (0.06)	0.93 (0.03)	0.98 (0.03)	1.36 (0.03)
Full-time	0.61 (0.01)	0.51 (0.01)	0.13 (0.04)	0.42 (0.02)	0.66 (0.02)	0.82 (0.04)	0.84 (0.02)	0.28 (0.04)	0.68 (0.02)	0.92 (0.02)	1.27 (0.02)
Part-time	0.25 (0.01)	0.28 (0.02)	0.52 (0.06)	0.33 (0.02)	0.19 (0.03)	0.08 (0.02)	0.19 (0.01)	0.52 (0.05)	0.24 (0.02)	0.06 (0.01)	0.09 (0.01)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.30 (0.05)	0.27 (0.02)	0.25 (0.02)	0.31 (0.04)	0.26 (0.02)	0.33 (0.05)	0.23 (0.03)	0.17 (0.02)	0.25 (0.02)
Full-time	0.13 (0.01)	0.13 (0.01)	0.09 (0.02)	0.13 (0.01)	0.12 (0.02)	0.22 (0.03)	0.14 (0.01)	0.13 (0.04)	0.11 (0.02)	0.08 (0.02)	0.17 (0.02)
Part-time	0.13 (0.01)	0.14 (0.01)	0.21 (0.04)	0.14 (0.02)	0.13 (0.02)	0.09 (0.03)	0.13 (0.01)	0.19 (0.03)	0.11 (0.02)	0.09 (0.02)	0.08 (0.01)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.44 (0.06)	0.59 (0.03)	0.66 (0.04)	0.82 (0.06)	0.83 (0.02)	0.54 (0.06)	0.57 (0.04)	0.66 (0.05)	1.29 (0.04)
Full-time	0.34 (0.01)	0.28 (0.01)	0.10 (0.03)	0.22 (0.02)	0.34 (0.03)	0.51 (0.04)	0.49 (0.02)	0.28 (0.04)	0.27 (0.03)	0.39 (0.03)	0.86 (0.03)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.05)	0.37 (0.03)	0.32 (0.03)	0.31 (0.04)	0.34 (0.02)	0.26 (0.04)	0.31 (0.02)	0.27 (0.04)	0.43 (0.02)
Percentage of schools' library media centers with the following equipment											
Telephone	61.2 (1.3)	55.8 (1.8)	40.1 (5.0)	49.4 (2.3)	64.0 (2.8)	73.8 (4.0)	74.7 (1.6)	42.7 (4.9)	68.0 (2.6)	85.5 (1.9)	92.9 (1.0)
Fax machine	7.8 (0.5)	4.7 (0.6)	8.2 (2.6)	3.4 (0.7)	5.7 (1.3)	5.1 (1.4)	15.1 (0.8)	11.5 (2.3)	16.4 (1.5)	18.7 (2.3)	18.5 (1.3)
Computer with modem	34.3 (1.0)	28.3 (1.2)	21.9 (4.5)	24.9 (1.7)	33.4 (2.8)	34.6 (3.1)	48.2 (1.5)	46.4 (4.1)	47.3 (2.6)	51.3 (2.9)	59.0 (2.0)
Automated catalog system	24.0 (0.9)	20.3 (1.1)	14.2 (3.8)	17.5 (1.4)	24.9 (2.1)	25.4 (2.2)	32.8 (1.1)	21.6 (3.5)	25.9 (2.1)	32.2 (2.7)	43.6 (1.7)
Database searching with CD-ROM	37.9 (1.1)	34.1 (1.6)	16.0 (3.8)	28.5 (1.9)	40.4 (2.7)	55.0 (3.3)	47.7 (1.3)	22.4 (3.9)	41.6 (2.5)	48.0 (3.1)	64.7 (1.8)
On-line database searching	31.2 (0.8)	23.9 (1.2)	23.3 (3.3)	21.9 (1.7)	25.3 (2.6)	30.1 (2.8)	48.1 (1.3)	35.5 (4.1)	48.6 (2.3)	53.1 (3.1)	63.0 (2.1)
Compact disc for periodical indices, etc.	9.4 (0.5)	5.4 (0.5)	6.0 (1.3)	4.1 (0.7)	7.1 (1.3)	6.8 (1.3)	18.9 (0.9)	14.6 (2.2)	19.9 (2.0)	20.5 (2.6)	26.3 (1.4)
Video laser disc	46.7 (1.1)	39.6 (1.5)	27.0 (3.5)	37.5 (2.1)	42.6 (2.7)	49.5 (3.4)	63.5 (1.3)	50.4 (3.9)	62.4 (2.3)	69.8 (2.7)	76.9 (1.5)
Connection to Internet	31.9 (1.0)	30.3 (1.3)	19.6 (4.8)	24.8 (1.7)	37.2 (2.3)	44.3 (3.1)	36.1 (1.3)	20.0 (4.3)	27.5 (2.1)	41.1 (2.1)	43.5 (1.7)
Cable television	12.0 (0.6)	9.5 (0.8)	5.0 (1.3)	8.7 (1.4)	11.9 (1.8)	10.0 (1.5)	17.5 (0.8)	12.3 (2.8)	18.5 (1.7)	18.9 (2.5)	23.8 (1.6)
Broadcast television	76.2 (0.8)	75.0 (1.1)	59.8 (4.9)	78.0 (1.6)	74.7 (2.3)	73.0 (3.0)	80.6 (0.9)	65.5 (4.5)	80.3 (1.9)	81.9 (2.5)	83.9 (1.1)
Closed circuit television ..	48.6 (1.0)	48.0 (1.4)	47.0 (4.8)	45.2 (1.6)	51.5 (2.5)	52.3 (4.1)	49.9 (1.3)	36.4 (4.3)	46.0 (2.7)	52.0 (3.1)	59.4 (1.5)
Satellite dish	25.5 (0.7)	22.0 (1.0)	7.0 (2.1)	19.2 (1.4)	23.1 (2.0)	41.4 (2.9)	34.0 (1.0)	14.3 (3.4)	26.8 (2.0)	46.1 (3.1)	44.5 (1.5)
Satellite dish	22.9 (0.6)	14.4 (0.7)	15.4 (2.8)	13.6 (1.2)	12.7 (1.4)	21.3 (3.1)	41.1 (1.1)	48.1 (4.9)	53.3 (2.2)	54.5 (2.7)	42.4 (1.8)
Total students using library per 100 students each week ¹	83.4 (0.4)	88.9 (0.5)	93.6 (1.0)	91.7 (0.7)	88.0 (1.0)	75.1 (2.0)	68.6 (0.9)	87.9 (2.5)	74.2 (1.4)	67.0 (1.8)	58.9 (1.1)
Books checked out per 100 students each week ¹	128 (2)	150 (3)	222 (11.5)	161 (5.2)	134 (4.6)	93 (4.7)	67 (4.0)	227 (21.3)	66 (4.2)	46 (3.6)	31 (1.1)
Percentage of schools offering—											
Microcomputers	90.1 (0.7)	88.5 (1.0)	79.2 (3.4)	89.1 (1.6)	88.4 (2.0)	92.1 (2.2)	94.0 (1.0)	88.4 (2.7)	96.4 (1.1)	96.4 (0.9)	96.5 (0.8)
Long distance learning	19.0 (0.8)	15.9 (1.1)	16.7 (2.7)	16.3 (1.6)	14.4 (1.7)	17.5 (2.6)	24.8 (1.0)	33.0 (3.0)	26.6 (1.6)	25.6 (2.0)	25.3 (1.4)
Average holdings per 100 students at the end of the 1992–93 school year											
Books (number of volumes)	2,585 (57)	2,467 (81)	5,774 (355)	2,721 (124)	1,600 (46)	1,340 (37)	2,891 (101)	10,071 (815)	2,809 (79)	1,822 (50)	1,354 (22)
Current serial subscriptions (print/microfilm)	9 (2)	7 (2)	25 (3)	7 (2)	4 (2)	3 (2)	14 (1)	55 (4)	14 (2)	8 (2)	5 (0)
Video materials (tape and disc)	38 (2)	35 (2)	91 (12)	36 (4)	24 (2)	20 (2)	46 (2)	129 (15)	49 (3)	35 (2)	23 (1)
Other audiovisual materials	116 (4)	114 (6)	183 (37)	122 (8)	96 (9)	73 (8)	117 (7)	267 (34)	123 (17)	102 (10)	74 (4)
Microcomputer software ..	18 (1)	20 (1)	60 (13)	22 (2)	11 (1)	10 (1)	12 (1)	47 (11)	8 (1)	8 (1)	6 (0)
CD-ROM titles	1 (2)	1 (2)	2 (2)	1 (2)	1 (2)	0 (2)	2 (2)	9 (1)	1 (2)	1 (2)	1 (2)
Locally budgeted expenditures ³ per student, 1992–93											
Books	\$8.52 (0.23)	\$7.80 (0.25)	\$17.30 (1.3)	\$7.95 (0.3)	\$6.36 (0.4)	\$4.49 (0.3)	\$10.06 (0.4)	\$28.34 (2.3)	\$11.20 (0.7)	\$6.84 (0.4)	\$5.30 (0.2)
Current serial subscriptions (print/microfilm)	2.18 (0.05)	1.49 (0.06)	4.66 (0.47)	1.53 (0.08)	0.89 (0.05)	0.76 (0.06)	4.15 (0.14)	13.59 (1.05)	4.11 (0.22)	2.84 (0.15)	2.02 (0.06)
Video materials (tape and disc)	1.24 (0.04)	1.04 (0.05)	2.58 (0.37)	0.97 (0.05)	0.91 (0.07)	0.67 (0.07)	1.77 (0.10)	5.67 (0.67)	1.75 (0.15)	1.26 (0.11)	0.89 (0.05)
Other audiovisual materials	0.82 (0.04)	0.77 (0.06)	1.30 (0.49)	0.79 (0.07)	0.70 (0.06)	0.53 (0.07)	0.87 (0.07)	2.63 (0.53)	0.89 (0.09)	0.64 (0.08)	0.45 (0.03)
Microcomputer software ..	1.09 (0.09)	0.89 (0.07)	1.95 (0.47)	0.92 (0.09)	0.77 (0.13)	0.41 (0.06)	1.50 (0.35)	7.52 (3.10)	1.07 (0.13)	0.69 (0.10)	0.46 (0.03)
CD-ROM titles	0.63 (0.05)	0.38 (0.06)	0.92 (0.28)	0.33 (0.04)	0.42 (0.16)	0.16 (0.02)	1.24 (0.09)	3.76 (0.55)	1.24 (0.13)	0.84 (0.10)	0.69 (0.04)
Expenditures (all sources) per student, 1992–93											
Total, library/media materials	17.18 (0.35)	14.86 (0.45)	35.43 (2.38)	15.31 (0.58)	11.19 (0.55)	8.51 (0.43)	22.71 (0.82)	69.98 (5.56)	23.74 (0.98)	14.91 (0.71)	11.72 (0.35)
Microcomputer hardware	3.84 (0.25)	3.43 (0.33)	10.82 (3.37)	2.91 (0.30)	3.10 (0.49)	1.72 (0.26)	4.73 (0.46)	7.81 (2.43)	5.68 (1.15)	4.06 (0.71)	3.36 (0.39)
Audiovisual equipment	2.24 (0.15)	2.00 (0.17)	5.21 (1.73)	1.71 (0.13)	1.88 (0.24)	1.45 (0.26)	2.98 (0.46)	10.44 (4.10)	2.75 (0.24)	1.70 (0.15)	1.59 (0.10)
On-line database searching/ searching electronic communications	0.30 (0.04)	0.25 (0.06)	0.30 (0.13)	0.27 (0.08)	0.26 (0.15)	0.11 (0.03)	0.43 (0.05)	0.79 (0.31)	0.62 (0.14)	0.27 (0.05)	0.26 (0.04)

¹ During the most recent full week of school.

² Standard error less than .5.

³ Locally budgeted expenditures exclude federal gifts and grants.

—Data not available.

NOTE.—Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library/media centers. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared August 1997.)

Table 417.—Selected statistics on public school library/media centers, by state: 1993–94

State or other area	Percent of centers offering selected services/equipment						Books held per 100 students	Total students using library per 100 students each week ¹	Total expenditures for materials per student	Expenditure for micro-computers for library per student	Expenditure for audio-visual materials for library per student
	Computer with modem	Automated catalog	Database searching with CD-ROM	On-line database searching	Compact disc for indices, etc.	Connection to the Internet					
1	2	3	4	5	6	7	8	9	10	11	12
United States	34.3 (1.0)	24.0 (0.9)	31.2 (0.8)	9.4 (0.5)	46.7 (1.1)	12.0 (0.6)	2,585 (57)	83.4 (0.4)	\$17.18 (0.35)	\$3.84 (0.25)	\$2.24 (0.15)
Alabama	33.0 (4.2)	37.6 (5.9)	29.3 (4.0)	5.7 (2.0)	44.1 (4.6)	3.2 (1.5)	1,510 (61)	76.3 (2.2)	11.22 (0.62)	1.91 (0.39)	0.91 (0.22)
Alaska	34.7 (3.6)	34.3 (4.0)	39.7 (4.7)	6.8 (1.9)	44.6 (4.5)	15.1 (2.3)	4,167 (260)	85.0 (2.0)	47.38 (5.86)	9.76 (2.55)	1.94 (0.30)
Arizona	28.1 (3.5)	38.3 (5.3)	28.0 (4.0)	5.6 (2.2)	43.0 (4.4)	6.0 (1.9)	2,552 (211)	81.0 (3.3)	17.55 (3.05)	4.66 (1.37)	1.56 (0.31)
Arkansas	19.0 (4.0)	18.7 (4.0)	20.5 (4.1)	5.6 (2.4)	29.7 (4.6)	8.5 (2.5)	2,377 (355)	78.3 (2.8)	15.03 (1.45)	1.92 (0.53)	1.56 (0.29)
California	19.9 (4.3)	14.0 (3.4)	23.4 (3.7)	3.1 (1.0)	38.0 (5.7)	6.2 (2.3)	1,751 (193)	77.9 (2.7)	7.26 (1.00)	3.13 (0.87)	0.59 (0.17)
Colorado	47.0 (4.7)	43.6 (5.7)	43.3 (5.5)	30.7 (4.7)	60.7 (5.5)	16.3 (3.5)	2,190 (177)	80.6 (2.5)	16.42 (1.81)	3.01 (0.57)	1.63 (0.25)
Connecticut	43.8 (6.5)	12.8 (2.7)	45.4 (5.3)	17.9 (3.8)	54.4 (6.0)	6.5 (2.6)	2,289 (129)	88.0 (2.2)	15.71 (2.06)	2.84 (1.01)	1.21 (0.21)
Delaware	41.8 (3.6)	22.5 (3.0)	34.7 (3.5)	14.4 (2.5)	48.2 (3.5)	5.7 (2.0)	1,587 (84)	80.5 (2.3)	8.68 (0.87)	1.63 (0.24)	0.64 (0.23)
District of Columbia	23.5 (4.0)	4.4 (2.2)	25.4 (2.8)	10.4 (3.3)	31.2 (3.2)	1.7 (1.1)	1,578 (74)	65.6 (2.9)	8.06 (0.69)	0.49 (0.13)	1.46 (0.30)
Florida	45.3 (3.8)	29.8 (3.3)	39.9 (3.6)	11.8 (2.8)	71.0 (4.0)	21.1 (3.4)	1,855 430	76.6 (2.6)	13.61 (1.98)	1.85 (0.29)	2.30 (0.33)
Georgia	29.8 (4.7)	48.2 (4.4)	34.5 (4.6)	13.6 (2.6)	46.6 (4.7)	10.8 (2.7)	1,535 (72)	83.9 (1.6)	13.02 (0.65)	2.99 (0.71)	2.21 (0.38)
Hawaii	75.3 (5.3)	27.1 (4.4)	47.7 (5.7)	24.3 (4.9)	64.8 (4.9)	29.4 (5.0)	1,592 (100)	83.3 (2.6)	10.90 (1.01)	2.77 (0.46)	1.59 (0.42)
Idaho	29.9 (4.2)	15.4 (4.0)	21.6 (4.4)	6.2 (2.3)	32.1 (5.1)	8.6 (3.1)	2,457 (289)	86.6 (1.9)	12.20 (1.24)	2.50 (0.63)	1.12 (0.24)
Illinois	32.2 (3.5)	17.7 (3.8)	23.0 (3.4)	7.9 (1.7)	36.6 (4.2)	7.1 (2.2)	2,517 (264)	85.7 (1.8)	13.40 (1.34)	4.09 (1.48)	1.59 (0.19)
Indiana	29.9 (6.7)	31.0 (4.9)	32.0 (5.9)	2.4 (0.7)	66.1 (6.3)	5.5 (1.2)	2,518 (387)	86.2 (2.4)	14.40 (1.12)	12.45 (3.24)	2.20 (0.45)
Iowa	38.8 (6.4)	17.4 (5.0)	44.2 (5.7)	14.6 (3.6)	71.2 (5.7)	8.6 (3.1)	4,549 (698)	91.0 (1.8)	23.04 (2.23)	5.14 (2.03)	2.78 (0.61)
Kansas	24.9 (3.0)	31.5 (4.9)	20.9 (3.1)	9.7 (2.0)	46.6 (4.5)	10.6 (2.5)	3,797 (218)	89.1 (1.8)	30.85 (2.76)	11.16 (2.26)	2.93 (0.49)
Kentucky	30.1 (6.2)	33.1 (7.0)	32.3 (5.5)	4.3 (2.2)	60.3 (6.3)	5.3 (2.4)	1,732 (110)	84.8 (2.3)	15.16 (1.08)	2.32 (0.51)	2.40 (0.31)
Louisiana	24.2 (3.9)	13.9 (3.5)	21.9 (3.4)	2.3 (0.8)	28.1 (3.8)	6.2 (2.4)	1,784 (74)	64.8 (3.9)	16.18 (3.82)	1.43 (0.42)	0.50 (0.08)
Maine	33.3 (5.4)	18.9 (4.4)	25.5 (3.8)	5.4 (2.0)	38.9 (6.7)	5.4 (1.6)	2,331 (169)	89.4 (2.7)	17.83 (2.74)	2.21 (0.58)	0.64 (0.16)
Maryland	41.0 (3.9)	15.4 (3.4)	31.8 (4.5)	22.3 (3.1)	46.2 (4.7)	32.6 (3.5)	1,510 (70)	87.0 (1.8)	11.70 (0.73)	0.25 (0.06)	1.65 (0.45)
Massachusetts	38.2 (4.0)	9.1 (1.6)	45.3 (4.8)	8.9 (1.6)	46.3 (4.8)	24.1 (3.8)	2,523 (224)	74.8 (3.9)	10.14 (1.22)	1.50 (0.29)	1.77 (0.52)
Michigan	42.2 (7.6)	12.1 (3.9)	38.1 (6.3)	10.2 (3.8)	57.9 (6.1)	15.1 (5.3)	1,820 (100)	83.5 (4.1)	13.36 (2.13)	1.62 (0.55)	1.35 (0.39)
Minnesota	35.6 (4.8)	53.4 (6.1)	52.9 (6.1)	13.8 (3.0)	69.0 (5.6)	17.3 (3.6)	3,114 (253)	86.5 (2.8)	22.39 (3.60)	6.01 (0.96)	4.93 (1.70)
Mississippi	9.4 (2.0)	5.2 (2.1)	14.2 (3.9)	3.0 (1.4)	23.2 (3.6)	3.1 (1.3)	1,593 (69)	74.6 (2.5)	16.26 (4.13)	1.58 (0.62)	1.30 (0.30)
Missouri	31.3 (4.3)	39.4 (6.7)	31.4 (5.0)	17.8 (3.9)	46.0 (5.9)	15.7 (4.2)	2,681 (232)	81.4 (2.6)	16.95 (1.64)	2.80 (0.90)	1.23 (0.20)
Montana	50.8 (4.3)	20.6 (3.1)	43.7 (4.1)	17.4 (3.3)	58.2 (3.6)	6.2 (2.0)	9,562 (1,005)	89.5 (2.3)	67.92 (8.98)	15.79 (6.03)	5.61 (1.22)
Nebraska	31.6 (5.0)	29.0 (4.9)	36.3 (5.7)	12.1 (2.5)	58.8 (6.0)	15.8 (3.0)	7,103 (817)	90.3 (2.7)	41.70 (4.30)	23.16 (10.55)	13.52 (6.68)
Nevada	18.4 (4.0)	48.2 (5.5)	32.2 (4.5)	3.0 (1.3)	37.1 (4.2)	9.4 (2.9)	1,827 (168)	87.0 (1.7)	11.15 (1.00)	1.46 (0.38)	0.77 (0.14)
New Hampshire	43.9 (6.6)	21.4 (4.8)	39.8 (6.6)	8.2 (2.6)	51.2 (5.9)	17.4 (4.4)	2,221 (182)	87.1 (1.8)	18.97 (1.75)	2.83 (0.86)	1.41 (0.24)
New Jersey	39.1 (6.8)	28.5 (6.5)	30.2 (6.4)	7.2 (1.4)	46.2 (7.2)	5.2 (1.3)	2,954 (400)	84.2 (3.0)	22.91 (3.96)	3.52 (1.37)	2.05 (0.88)
New Mexico	32.8 (6.1)	21.9 (5.3)	32.0 (4.3)	3.9 (1.5)	43.1 (5.5)	7.8 (2.4)	2,533 (223)	82.9 (2.8)	16.80 (3.05)	1.55 (0.44)	1.73 (0.32)
New York	39.5 (5.5)	14.3 (3.9)	25.2 (3.4)	12.5 (2.4)	44.8 (5.1)	16.0 (3.6)	2,207 (213)	82.0 (3.4)	13.67 (1.21)	1.56 (0.46)	1.15 (0.35)
North Carolina	40.4 (4.6)	29.4 (4.0)	42.0 (4.3)	10.8 (1.7)	65.0 (4.1)	7.9 (2.3)	1,630 (50)	80.8 (2.4)	14.19 (0.94)	4.39 (0.53)	2.10 (0.28)
North Dakota	65.8 (5.3)	18.0 (3.6)	27.3 (5.1)	39.1 (5.7)	41.1 (6.5)	36.8 (5.5)	6,607 (689)	93.0 (1.3)	29.45 (2.25)	3.77 (0.84)	5.02 (1.77)
Ohio	33.1 (7.1)	12.9 (5.0)	16.9 (3.9)	3.3 (1.1)	31.9 (6.7)	7.1 (2.3)	3,796 (762)	86.5 (2.3)	11.03 (1.48)	0.75 (0.25)	1.53 (0.75)
Oklahoma	20.1 (2.7)	32.7 (3.8)	32.5 (3.5)	6.7 (1.7)	44.1 (4.2)	4.0 (1.7)	2,851 (163)	84.2 (1.5)	36.26 (4.69)	3.46 (0.60)	7.51 (4.23)
Oregon	38.6 (5.8)	39.2 (5.2)	51.5 (6.7)	18.9 (4.7)	49.5 (6.5)	11.7 (4.2)	3,154 (362)	84.3 (3.2)	21.32 (2.14)	7.59 (2.49)	2.75 (0.86)
Pennsylvania	33.9 (6.9)	17.3 (4.0)	32.6 (5.5)	2.5 (1.1)	39.2 (6.4)	6.4 (3.1)	2,562 (203)	89.6 (2.6)	15.33 (2.09)	2.23 (0.60)	1.97 (0.67)
Rhode Island	25.0 (4.9)	11.8 (3.2)	13.0 (3.5)	1.0 (0.6)	21.7 (4.8)	18.6 (4.2)	1,835 (232)	84.0 (2.5)	8.58 (1.51)	0.23 (0.10)	0.34 (0.14)
South Carolina	44.0 (5.4)	46.4 (5.0)	39.4 (5.7)	6.9 (1.7)	55.4 (7.1)	13.5 (4.1)	1,655 (133)	80.3 (3.2)	11.01 (0.71)	2.39 (0.55)	1.03 (0.19)
South Dakota	56.2 (6.8)	12.6 (3.4)	37.7 (6.2)	23.1 (4.2)	60.2 (5.5)	9.0 (2.7)	5,049 (542)	89.8 (2.0)	45.53 (5.37)	8.26 (1.61)	3.73 (1.41)
Tennessee	15.1 (4.3)	18.9 (5.1)	16.6 (4.5)	2.5 (2.3)	34.9 (6.5)	3.6 (1.9)	1,677 (102)	85.4 (2.2)	8.60 (0.68)	2.65 (1.04)	0.91 (0.20)
Texas	39.4 (4.6)	20.5 (4.2)	27.2 (3.1)	9.9 (2.8)	33.9 (3.8)	24.7 (4.2)	1,885 (123)	83.3 (2.0)	18.94 (1.79)	3.75 (1.18)	2.95 (0.40)
Utah	22.2 (3.6)	37.4 (4.1)	28.6 (3.6)	5.1 (2.3)	39.1 (3.6)	6.7 (1.9)	1,557 (105)	79.5 (2.2)	9.08 (0.95)	1.62 (0.26)	1.82 (0.32)
Vermont	47.0 (4.9)	27.2 (5.6)	35.3 (4.2)	14.5 (3.3)	51.9 (4.8)	32.2 (3.4)	3,155 179	87.5 (1.8)	34.53 (4.95)	6.18 (1.57)	2.90 (0.52)
Virginia	61.7 (8.3)	35.5 (6.1)	38.6 (5.8)	10.6 (2.9)	72.4 (7.0)	31.4 (5.6)	1,974 (108)	88.2 (2.2)	15.20 (1.09)	3.48 (0.66)	3.71 (1.01)
Washington	40.2 (5.2)	35.7 (5.6)	43.1 (3.6)	11.7 (2.9)	53.1 (4.9)	13.0 (2.6)	2,004 (84)	89.7 (1.3)	14.70 (1.27)	3.34 (0.69)	1.52 (0.29)
West Virginia	24.7 (6.0)	16.7 (4.2)	18.0 (4.0)	8.3 (3.5)	31.0 (5.5)	6.4 (3.2)	2,039 (201)	76.0 (4.7)	7.37 (1.41)	0.77 (0.25)	0.17 (2)
Wisconsin	34.2 (6.5)	27.2 (4.7)	36.1 (5.0)	14.8 (3.8)	57.1 (6.1)	9.0 (2.6)	2,895 (157)	86.5 (2.8)	23.99 (1.18)	5.40 (1.55)	4.10 (0.74)
Wyoming	39.0 (3.4)	28.0 (4.2)	32.1 (5.7)	8.1 (2.5)	41.7 (4.5)	6.6 (2.3)	10,729 (1,185)	83.5 (3.4)	46.04 (5.36)	3.23 (0.59)	3.92 (0.85)

¹ During the most recent full week of school.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared August 1997.)

NOTE.—Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library media centers. Standard errors appear in parentheses.

Table 418.—Percent of public and private schools having access to selected telecommunication capabilities, by location of access site and control of school: 1995

Telecommunications capabilities	Percent of schools having access	Percent of schools with telecommunications access, by location ¹				
		Administrative offices	Teacher workrooms	Classrooms	Computer labs	Library/media centers
1	2	3	4	5	6	7
All public schools						
Computer with any telecommunication capabilities via local area network	77	73	20	45	71	64
Computer with any telecommunication capabilities via modem	76	61	10	30	41	64
Computer with any telecommunication capabilities via wide area network	61	58	14	35	41	68
Broadcast television	71	35	28	82	47	88
Cable television	76	33	25	72	42	91
Closed circuit television	28	50	32	91	60	89
Two-way video with two-way audio	13	24	17	57	37	69
One-way video with two-way audio or computer link	7	26	15	63	41	54
All private schools						
Computer with any telecommunication capabilities via local area network	43	71	18	33	58	35
Computer with any telecommunication capabilities via modem	48	70	14	24	38	33
Computer with any telecommunication capabilities via wide area network	29	59	15	26	41	40
Broadcast television	52	24	23	81	27	59
Cable television	37	21	21	75	29	60
Closed circuit television	5	32	29	99	51	71
Two-way video with two-way audio	5	9	13	50	54	44
One-way video with two-way audio or computer link	2	32	21	66	39	46

¹ Location estimates are based on those schools having access to each type of telecommunication capability. Percents of schools reporting telecommunication locations do not sum to 100 because many schools have access in more than one location.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Advanced Telecommunications in U.S. Public Elementary and Secondary Schools, 1995*; and *Advanced Telecommunications in U.S. Private Schools, K-12, Fall 1995*. (This table was prepared September 1997.)

NOTE.—Data are derived from a sample survey and are subject to sampling error.

Table 419.—Percent of public schools and school classrooms having access to the Internet, by school characteristics: 1994 to 1998

Schools, computers, instruction rooms, and access	All public schools	Instructional level ¹		Size of school enrollment			Metropolitan status				Percent of students eligible for free or reduced-price lunch			
		Elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 11 percent	11 to 30 percent	31 to 70 percent	71 percent or more
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Estimated number of schools														
1995	77,853	57,705	18,083	20,673	50,044	7,136	17,906	18,464	19,539	21,944	13,192	21,876	28,017	14,651
1997	79,125	59,695	19,430	20,540	51,169	7,416	21,071	23,419	12,637	21,998	10,677	21,686	32,666	14,097
Percent of schools having access to the Internet														
1994	35	30	49	30	35	58	40	38	29	35	—	—	—	—
1995	50	46	65	39	52	69	47	59	47	48	62	59	47	31
1996	65	61	77	57	66	80	64	75	61	60	78	72	58	53
1997	78	75	89	75	78	89	74	78	84	79	88	83	78	63
1998	89	88	94	87	89	95	92	85	90	92	87	94	91	80
Number of computers, in thousands														
1995 ²	5,621	3,453	2,021	850	3,600	1,171	1,497	1,526	1,404	1,195	1,017	1,712	1,919	951
1997	5,959	3,701	2,258	839	3,767	1,353	1,727	2,084	934	1,214	1,008	1,782	2,211	959
Mean number of computers per school														
1995	72	60	112	41	72	164	84	83	72	54	77	78	68	65
1997	75	62	116	41	74	183	82	89	74	55	94	82	68	68
Number of computers with Internet access, in thousands														
1995	448	232	187	59	315	73	96	131	126	94.279	111	163	123	39
Percent of all computers with access to the Internet 1995	8	7	9	7	9	6	6	9	9	8	11	10	6	4
Number of instructional rooms, ³ in thousands.														
1997	2,625	1,720	906	335	1,725	566	830	902	388	505	412	758	976	480
Percent of instructional rooms ³ with access to the Internet														
1994	3	3	4	3	3	3	4	4	3	3	—	—	—	—
1995	8	8	8	9	8	4	6	8	8	8	9	10	7	3
1996	14	13	16	15	13	16	12	16	14	14	18	16	14	7
1997	27	24	32	27	28	25	20	29	34	30	36	32	27	14
1998	51	51	52	54	53	45	47	50	55	57	62	53	52	39

¹ Excludes combined elementary/secondary schools because of small sample size.

² Includes computers used for instructional or administrative purposes.

³ Includes all classrooms, computer labs, and library/media centers.

—Data not available.

NOTE.—Data are derived from sample surveys and are subject to sampling error. Details may not add to totals because of rounding of weighted estimates.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in Public Schools and Classrooms: 1994–98*; *Internet Access in U.S. Public Elementary and Secondary Schools, and Classrooms: 1994–98*; and *Advanced Telecommunications in U.S. Public Elementary and Secondary Schools, 1995*; and unpublished data. (This table was prepared March 1999.)

Table 420.—General statistics of college and university libraries: 1974–75 to 1994–95

Item	1974–75 ¹	1975–76 ¹	1976–77 ¹	1978–79 ¹	1981–82	1984–85	1987–88	1991–92	1994–95
1	2	3	4	5	6	7	8	9	10
Number of libraries	2,972	2,987	3,058	3,122	3,104	3,322	3,438	3,274	3,639
Transactions, general collection	—	—	—	—	—	—	—	—	186,092
Transactions, reserve collection	—	—	—	—	—	—	—	—	49,567
Total enrollment, in thousands ²	10,322	11,291	11,121	11,392	12,372	12,242	12,767	14,359	14,279
Full-time-equivalent enrollment, in thousands ²	7,805	8,480	8,313	8,348	9,015	8,952	9,230	10,361	10,348
Collections, thousands of units									
Number of volumes at end of year	447,059	468,033	481,442	519,895	567,826	631,727	718,504	749,429	792,707
Number of volumes added during year	23,242	22,977	22,367	21,608	19,507	20,658	21,907	20,982	22,460
Number of serial subscriptions ³	4,434	4,618	4,670	4,775	4,890	6,317	6,416	6,966	6,780
Microform titles at end of year	—	—	—	—	—	—	—	—	160,188
Computer files at end of year	—	—	—	—	—	—	—	—	480
Library staff, in full-time equivalents									
Total staff in regular positions ⁴	56,836	56,852	57,087	58,416	58,476	58,476	67,251	67,166	68,920
FTE enrollment per FTE staff	137.3	149.2	145.6	142.9	154.2	153.1	137.2	154.3	150.1
Librarians and professional staff	23,530	23,104	23,308	23,676	23,816	21,822	25,115	26,341	27,376
Other paid staff	33,306	33,748	33,779	34,740	34,660	38,026	40,733	40,421	41,227
Contributed services	—	—	—	—	—	—	1,403	404	317
Student assistants	—	—	—	—	—	—	33,821	29,075	29,077
Hours of student and other assistance, in thousands	34,687	36,725	39,950	39,552	40,068	28,360	—	—	—
Library operating expenditures (excluding capital outlay)									
Operating expenditures, total, in thousands	\$1,091,784	\$1,180,128	\$1,259,637	\$1,502,158	\$1,943,769	\$2,404,524	\$2,770,075	\$3,648,654	\$4,317,847
Salaries ⁵	592,568	649,374	698,090	824,438	1,081,894	1,156,138	1,451,551	1,889,368	2,058,375
Hourly wages	61,474	66,175	68,683	79,535	100,847	—	—	—	—
Fringe benefits	—	—	—	—	—	231,209	—	—	238,984
Preservation	22,206	22,375	22,521	25,274	30,351	32,939	34,144	43,126	47,296
Furniture/equipment	—	—	—	—	—	—	—	—	56,432
Computer hardware/software	—	—	—	—	—	—	—	—	126,936
Utilities/networks/consortia	—	—	—	—	—	—	—	—	81,686
Collections	327,904	357,544	373,699	450,180	561,199	750,282	891,281	1,197,293	1,374,407
Print materials	—	—	—	—	—	—	—	—	451,988
Serial subscriptions	—	—	—	—	—	—	—	—	703,463
Microforms	—	—	—	—	—	—	—	—	61,702
Audiovisual materials	—	—	—	—	—	—	—	—	29,375
Machine readable materials	—	—	—	—	—	—	—	—	72,735
Collections, loans	—	—	—	—	—	—	—	—	12,440
Other collection expenditures	—	—	—	—	—	—	—	—	42,704
Other library operating expenditures	87,632	84,660	96,643	122,731	169,478	233,957	393,099	518,867	333,732
Operating expenditures per FTE student	140	139	152	180	216	269	300	352	417
Operating expenditures per FTE student in constant 1994–95 dollars	406	377	388	395	345	382	390	383	417
Operating expenditures, total, in percents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries ⁵	54.3	55.0	55.4	54.9	55.7	48.1	52.4	51.8	47.7
Hourly wages	5.6	5.6	5.5	5.3	5.2	—	—	—	—
Fringe benefits	—	—	—	—	—	9.6	—	—	5.5
Preservation	2.0	1.9	1.8	1.7	1.6	1.4	1.2	1.2	1.1
Collections	30.0	30.3	29.7	30.0	28.9	31.2	32.2	32.8	31.8
Other library operating expenditures	8.0	7.2	7.7	8.2	8.7	9.7	14.2	14.2	13.9
Library operating expenditures as percent of total institutional expenditures for educational and general purposes	3.9	3.8	3.8	3.7	3.5	3.4	3.2	3.0	2.9

¹ Includes data for U.S. territories.² Fall enrollment for the academic year specified.³ Data are for end of year.⁴ Excludes student assistants.⁵ Includes expenditures for fringe benefits (except for 1984–85 and 1987–88) and salary equivalents of contributed services staff.

—Data not available.

NOTE.—Because of rounding, details may not add to totals.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities*, various years; and Integrated Postsecondary Education Data System, "Academic Library Survey." (This table was prepared July 1997.)

Table 421.—Selected statistics on the collections, staff, and operating expenditures of 60 large college and university libraries: 1994

Institution	Rank order, by number of volumes	Number of volumes at end of year, in thousands	Full-time-equivalent staff		Operating expenditures, in thousands		Public service hours per week	Gate count per week	Reference transactions per week
			Total	Professional	Total	Salaries and wages			
1	2	3	4	5	6	7	8	9	10
Harvard University (Mass.) ¹	1	12,395	1,096	363	\$54,451	\$29,467	95	(²)	(²)
Yale University (Conn.)	2	10,503	623	191	38,333	16,254	90	(²)	(²)
University of Illinois, Urbana Campus	3	8,475	513	152	21,535	10,704	94	(²)	13,516
University of Texas, Austin	4	7,020	643	144	22,387	12,517	107	170,346	13,664
University of Michigan, Ann Arbor	5	6,664	590	140	30,521	13,424	99	(²)	(²)
University of California, Berkeley	6	6,654	543	132	32,954	16,696	82	(²)	(²)
Columbia University, Main Division (N.Y.)	7	6,532	568	170	27,916	14,768	103	(²)	(²)
Stanford University (Calif.)	8	6,409	555	162	36,203	18,658	49	(²)	(²)
University of California, Los Angeles	9	6,306	560	126	27,313	13,141	87	79,871	12,996
University of Chicago (Ill.)	10	5,710	362	75	18,124	8,781	109	24,370	1,407
Indiana University, Bloomington	11	5,554	471	142	22,761	11,400	101	(²)	15,644
University of Wisconsin, Madison	12	5,536	533	150	25,320	13,245	131	129,254	10,314
University of Washington	13	5,355	485	130	23,846	12,704	104	(²)	(²)
Princeton University (N.J.)	14	5,186	400	121	23,608	11,556	120	(²)	(²)
University of Minnesota, Twin Cities	15	5,101	446	104	23,870	11,883	122	(²)	6,450
Ohio State University, Main Campus	16	4,786	409	103	19,772	9,304	168	50,616	18,926
Cornell University (N.Y.)	17	4,705	458	134	20,415	9,768	79	(²)	4,818
Duke University (N.C.)	18	4,330	330	104	20,929	8,619	113	(²)	3,734
University of Pennsylvania	19	4,210	376	108	21,498	10,200	137	51,923	8,433
University of North Carolina, Chapel Hill	20	4,155	430	122	20,668	10,006	110	(²)	6,401
University of Arizona	21	4,126	361	84	17,171	7,272	158	55,783	4,068
University of Virginia, Main Campus	22	4,059	353	92	17,011	8,157	111	(²)	3,400
Michigan State University	23	3,904	290	64	13,369	6,871	109	(²)	(²)
University of Iowa	24	3,567	304	94	15,095	7,250	107	(²)	(²)
New York University	25	3,335	440	140	24,418	11,889	115	50,000	6,000
University of Southern California	26	3,248	346	107	17,794	9,061	168	6,433	5,731
University of Georgia	27	3,216	317	83	14,455	6,534	114	26,398	2,775
University of Pittsburgh, Main Campus (Penn.)	28	3,201	379	95	18,671	7,689	121	42,017	6,203
University of Kansas, Main Campus	29	3,117	282	88	11,760	5,420	100	(²)	(²)
University of Florida	30	3,092	400	110	15,780	8,553	74	187,737	15,000
University of Hawaii, Manoa	31	2,942	258	74	13,203	7,277	106	55,620	3,165
Northwestern University (Ill.)	32	2,932	315	84	12,663	6,422	119	22,401	2,727
Johns Hopkins University (Md.)	33	2,874	281	81	16,853	6,771	123	15,219	1,579
State U. of New York, Buffalo, Main Campus	34	2,864	257	91	12,681	6,554	90	69,700	6,215
University of Rochester (N.Y.)	35	2,843	218	69	9,841	4,377	97	17,385	635
Wayne State University (Mich.)	36	2,834	261	79	12,938	6,023	97	46,709	9,649
Syracuse University, Main Campus (N.Y.)	37	2,779	251	70	9,435	4,910	105	23,318	2,193
Louisiana State U. & A&M & Hebert Laws Center	38	2,778	201	48	9,444	4,466	99	(²)	3,400
Arizona State University	39	2,777	314	86	14,053	6,892	97	6,000	5,260
Brown University (R.I.)	40	2,710	264	79	13,028	5,746	111	25,329	2,019
University of Missouri, Columbia	41	2,684	248	58	10,166	4,444	105	42,000	2,503
Southern Illinois University, Carbondale	42	2,648	215	42	9,508	4,453	92	22,974	2,660
University of South Carolina at Columbia	43	2,639	236	69	10,549	5,008	111	39,392	5,110
University of Massachusetts at Amherst	44	2,604	189	51	10,432	5,493	95	28,892	3,137
University of Kentucky	45	2,557	325	78	11,652	5,950	146	47,034	8,876
Pennsylvania State University, Main Campus	46	2,541	419	84	18,067	9,558	168	65,231	8,426
University of Colorado, Boulder	47	2,504	249	62	13,512	5,841	107	74,629	5,029
Washington University (Missouri)	48	2,476	188	52	10,355	4,039	102	16,811	5,292
University of Maryland, College Park Campus	49	2,454	464	104	14,473	7,538	126	72,844	12,636
North Carolina State University at Raleigh	50	2,399	244	63	11,937	4,943	107	39,954	3,109
University of California, Davis	51	2,391	306	65	13,132	7,066	87	20,167	4,939
Massachusetts Institute of Technology	52	2,366	226	85	11,771	6,072	100	30,000	3,000
University of Utah	53	2,350	319	65	12,856	5,713	100	32,672	1,307
Brigham Young University (Utah)	54	2,326	291	100	12,421	5,877	101	73,668	13,231
University of Nebraska at Lincoln	55	2,324	221	56	9,445	4,339	108	18,556	1,243
University of California, San Diego	56	2,297	335	81	15,078	8,166	100	43,753	3,333
Southern Methodist University (Tex.)	57	2,240	159	50	7,752	3,737	116	(²)	2,500
Indiana University of Pennsylvania ¹	58	2,236	232	60	10,707	5,111	104	(²)	(²)
Auburn University, Main Campus (Ala.)	59	2,234	191	51	8,911	3,733	99	24,714	3,999
University of Oklahoma, Norman Campus	60	2,225	149	42	6,957	2,862	97	30,402	4,017

¹ Data estimated based on previous year's report.² Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, 1994 Academic Library Survey. (This table was prepared July 1997.)

Table 422.—General statistics of public libraries, by population of legal service area: 1995

Item	Population of legal service area						
	Total	Under 10,000	10,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 and over
1	2	3	4	5	6	7	8
Number of public library service outlets	16,972	5,795	4,110	1,793	2,085	1,138	2,051
Central libraries	8,937	5,465	2,504	493	324	81	70
Branch libraries	7,057	255	1,265	1,094	1,582	982	1,879
Bookmobiles	978	75	341	206	179	75	102
Collections, in thousands							
Books and serial volumes ¹	695,331	96,675	169,876	84,203	98,539	73,450	172,587
Audio and video materials and films	35,715	3,477	8,345	4,400	5,304	3,305	10,884
Serial subscriptions	1,837	272	482	225	237	169	450
Paid staff, in full-time equivalents							
Librarians	38,694	5,639	9,840	4,561	5,370	4,028	9,256
Librarians with ALA-MLS ²	26,636	1,069	6,067	3,448	4,296	3,248	8,508
Other staff	77,140	5,087	18,408	10,502	12,918	8,527	21,698
Income, in thousands							
Total operating income	\$5,594,069	\$377,585	\$1,281,141	\$705,908	\$884,573	\$658,645	\$1,686,216
Percentage distribution							
Source of operating income							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal ³	1.0	1.3	0.9	0.8	1.0	1.2	1.0
State	12.0	9.6	10.9	13.8	9.8	10.4	14.5
Local	78.3	73.1	79.2	78.3	82.8	82.4	74.6
Other	8.7	16.0	9.0	7.2	6.3	6.0	9.8

¹ Some data are different from other tables due to a different population base.

² ALA-MLS = A master's degree from a graduate library education program accredited by the American Library Association (ALA).

³ Excludes some federal funds received through state library agencies.

NOTE.—Because of rounding, details may not add to totals. Totals may be underestimated due to nonresponse on item or legal service area.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 1995*. (This table was prepared October 1998.)

Table 423.—Public libraries, books and serial volumes, library visits, and reference transactions, by state: 1995

State	Number of public libraries	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³	State	Number of public libraries	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³
1	2	3	4	5	6	7	1	2	3	4	5	6	7
United States	8,981	695,331	2.8	3.9	6.4	1.1							
Alabama	207	8,133	2.1	3.2	3.9	0.5	Missouri	148	20,137	4.1	4.3	7.9	0.9
Alaska	84	1,926	3.1	4.6	5.8	0.8	Montana	82	2,567	3.1	3.6	6.2	0.8
Arizona	39	7,946	2.0	4.5	6.3	1.2	Nebraska	269	5,159	4.0	4.7	8.0	1.1
Arkansas	35	4,883	2.2	2.6	4.0	0.4	Nevada	23	3,296	2.1	2.9	4.8	0.7
California	171	59,847	1.9	3.4	4.5	1.1	New Hampshire	229	5,004	4.5	4.9	7.6	0.7
Colorado	120	9,471	2.5	4.5	8.3	1.4	New Jersey	308	30,052	3.8	4.9	5.9	0.9
Connecticut	195	14,202	4.3	6.1	8.3	1.2	New Mexico	72	3,910	3.4	4.1	6.5	—
Delaware	30	1,320	2.0	3.4	4.4	0.5	New York	741	72,347	4.4	5.3	7.3	1.9
District of Columbia	1	2,662	4.4	3.4	3.0	2.2	North Carolina	74	13,956	2.0	3.2	5.7	0.8
Florida	97	23,673	1.8	—	5.3	2.1	North Dakota	79	1,950	3.6	5.1	7.5	0.7
Georgia	54	13,290	1.8	2.8	4.5	0.7	Ohio	250	41,974	3.8	4.8	12.0	1.5
Hawaii	1	3,502	3.0	2.7	6.4	1.8	Oklahoma	112	5,786	2.3	—	6.4	0.7
Idaho	106	3,145	3.3	4.9	7.8	0.9	Oregon	124	7,130	2.4	—	9.7	0.7
Illinois	613	36,803	3.6	5.3	7.7	1.4	Pennsylvania	455	25,053	2.2	3.1	4.6	0.7
Indiana	238	21,069	4.1	5.3	10.2	1.0	Rhode Island	51	4,228	4.2	5.3	6.6	0.9
Iowa	527	11,407	4.0	4.9	8.9	—	South Carolina	40	6,448	1.8	2.8	4.3	1.1
Kansas	324	9,276	4.5	5.1	9.3	1.3	South Dakota	112	2,431	4.6	4.5	8.7	—
Kentucky	116	7,384	2.0	2.8	5.3	0.4	Tennessee	140	7,931	1.6	2.6	4.1	1.0
Louisiana	65	9,951	2.3	2.5	4.3	0.7	Texas	499	32,206	2.0	2.9	4.3	1.0
Maine	266	5,472	5.3	—	7.8	—	Utah	69	4,969	2.6	—	9.0	—
Maryland	24	12,916	2.6	4.3	9.1	1.1	Vermont	200	2,626	5.0	4.4	7.0	—
Massachusetts	372	28,747	4.8	—	7.2	—	Virginia	90	16,248	2.5	4.2	7.4	1.1
Michigan	382	25,767	2.8	3.8	5.3	0.9	Washington	69	14,957	2.8	—	10.0	—
Minnesota	130	13,138	2.9	4.0	9.4	1.6	West Virginia	97	4,744	2.6	3.6	4.7	0.9
Mississippi	47	5,084	1.9	2.4	3.0	0.4	Wisconsin	381	16,864	3.3	5.3	8.9	1.2
							Wyoming	23	2,344	4.9	4.9	7.9	0.9

¹ Some data are different from other tables due to a different population base.

² The total number of persons entering the library for whatever purpose during the year.

³ A reference transaction is an information contact which involves the knowledge, use, recommendations, interpretation or instructions in the use of one or more information sources by a member of the library staff.

—Response rate less than 70 percent.

NOTE.—Totals may be underestimated due to nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 1995*. (This table was prepared October 1998.)

Table 424.—Percent of workers, 18 years old and over, using computers on the job, by selected characteristics and computer activities: October 1993 and October 1997

Selected characteristics	Percent using computers at work, 1993	1997											
		Percent using computers at work	Number using computers at work, in thousands	Percent of on-the-job computer workers using specific computer applications ¹									
				Analysis/spreadsheets	Book-keeping, invoicing, and inventory	Com-muni-ca-tions ²	Cal-endar/sched-ule	Data bases	Desktop publish-ing/graphics	Program-ming	Sales and tele-marketing	Word process-ing	Using 4 or more cat-egories
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total	45.8	49.8 (0.2)	63,885	40.9	66.4	47.0	37.5	34.1	26.1	15.0	22.1	57.0	44.0
Age													
18 to 24	34.4	37.1 (0.7)	6,007	28.2	70.3	35.3	28.0	23.4	18.4	11.0	23.5	43.1	30.5
25 to 29	48.3	52.5 (0.7)	7,984	41.7	69.8	46.6	38.3	35.0	25.8	16.3	23.4	58.3	45.7
30 to 39	50.7	53.3 (0.5)	18,864	44.0	67.0	49.1	39.6	35.4	28.3	16.7	24.0	58.5	46.8
40 to 49	51.3	54.9 (0.5)	18,182	43.6	65.8	48.6	39.5	36.9	27.1	15.7	20.6	58.9	46.4
50 to 59	43.9	50.7 (0.6)	10,092	39.1	62.8	49.0	37.2	33.5	26.1	13.5	19.6	58.8	43.1
60 or older	27.2	32.6 (0.9)	2,755	33.5	62.1	42.2	29.4	28.8	21.6	10.0	21.3	54.1	35.9
Educational attainment and sex													
Not high school graduate	10.0	11.9 (0.5)	1,645	18.6	68.9	23.4	22.1	17.3	10.7	8.7	19.7	30.7	20.2
High school graduate	34.2	36.4 (0.4)	15,395	28.7	72.0	34.1	29.0	23.1	16.6	10.1	21.0	41.5	30.7
Some college	50.4	53.6 (0.5)	14,172	36.5	71.6	42.6	36.0	31.3	24.1	13.7	24.0	52.7	40.6
Associate degree	58.2	60.7 (0.8)	6,580	38.9	69.8	43.7	36.0	33.0	25.5	15.1	19.7	52.7	41.2
Bachelor's degree	68.8	73.9 (0.5)	17,335	52.7	63.9	57.1	44.0	43.1	32.4	18.9	25.8	67.6	55.3
Master's degree	71.2	78.7 (0.8)	6,004	53.8	51.7	63.4	48.1	45.8	39.7	20.8	18.4	80.1	59.8
Doctor's or professional de-gree	66.9	74.6 (1.2)	2,754	46.6	47.5	64.9	42.0	39.0	30.3	16.2	10.5	75.2	50.2
Male													
Not high school graduate ..	8.5	9.8 (0.5)	854	20.9	70.1	25.6	22.6	15.6	11.8	9.3	24.6	53.9	47.2
High school graduate	24.2	27.1 (0.5)	6,096	29.5	67.4	33.1	25.3	22.9	17.8	11.8	20.5	29.4	27.7
Some college	42.8	46.0 (0.7)	6,188	39.3	69.4	44.4	35.5	31.3	27.0	19.6	27.1	46.4	41.4
Associate degree	52.6	55.2 (1.2)	2,790	42.8	64.2	45.5	34.9	34.9	28.7	20.4	20.6	45.3	41.8
Bachelor's degree	69.8	74.3 (0.7)	9,258	60.0	64.0	62.1	47.4	46.9	35.7	24.1	30.5	66.6	60.0
Master's degree	75.4	79.8 (1.1)	3,201	63.3	56.6	70.6	54.6	50.8	41.9	27.8	23.8	80.5	67.4
Doctor's or professional de-gree	66.5	73.4 (1.4)	1,949	47.9	50.3	67.3	43.7	38.6	31.9	18.2	11.6	74.6	52.0
Female													
Not high school graduate ..	12.5	15.4 (0.8)	791	16.0	67.7	20.9	21.6	19.1	9.4	8.0	19.9	59.8	41.0
High school graduate	45.2	46.9 (0.6)	9,299	28.3	75.0	34.7	31.5	23.3	15.9	8.9	21.4	49.4	32.6
Some college	58.6	61.5 (0.7)	7,984	34.4	73.2	41.1	36.4	31.3	21.8	9.1	21.7	57.5	40.1
Associate degree	63.7	65.4 (1.0)	3,790	36.0	73.9	42.4	36.8	31.7	23.2	11.2	19.0	58.1	40.7
Bachelor's degree	67.6	73.5 (0.7)	8,077	44.4	63.8	51.4	40.1	38.8	28.7	12.9	20.4	68.8	50.0
Master's degree	66.5	77.5 (1.1)	2,804	43.0	46.0	55.2	40.7	40.1	37.3	12.8	12.2	79.7	51.0
Doctor's or professional de-gree	68.2	77.6 (2.1)	805	43.7	41.0	59.1	37.8	39.9	26.4	11.4	7.9	76.8	45.9
Race/ethnicity													
White, non-Hispanic	48.7	53.8 (0.3)	51,904	42.1	67.1	47.7	38.0	34.9	27.1	15.2	23.2	57.9	45.3
Black, non-Hispanic	36.2	40.0 (0.7)	5,462	33.1	64.3	43.7	36.1	29.6	21.2	14.1	17.1	52.0	37.2
Hispanic	29.3	30.2 (0.8)	3,843	32.2	67.0	40.5	29.3	27.0	20.2	10.6	19.0	50.0	35.1
Other	43.9	49.2 (1.3)	2,675	45.8	57.4	49.5	35.8	37.8	25.0	19.3	16.2	59.4	44.7
Occupational group													
Managerial and professional specialty	67.7	74.6 (0.4)	28,427	52.4	61.0	58.6	45.2	42.6	36.3	19.1	20.6	71.7	56.0
Executive, administrative, and managerial	72.3	77.5 (0.5)	14,528	60.1	76.3	61.4	49.7	47.2	32.6	17.6	30.9	74.5	63.7
Professional specialty oc-cupations	68.3	71.7 (0.6)	13,900	44.4	45.1	55.8	40.4	37.8	40.3	20.8	9.8	68.7	47.8
Teachers, except college and university	49.1	60.3 (1.2)	2,961	33.1	31.9	39.7	38.4	27.5	42.3	10.8	4.6	73.6	39.8
Teachers, college and university	72.5	79.9 (2.2)	759	51.5	27.1	74.6	37.3	40.2	41.3	23.9	5.4	83.5	48.9
Technical, sales, and admin-istrative support	65.5	79.1 (0.4)	25,739	35.1	74.6	41.8	33.9	30.4	19.4	11.9	28.1	52.1	39.5
Technicians and related support	69.9	75.1 (1.1)	3,226	42.9	51.8	49.4	35.5	36.9	26.1	31.2	7.7	49.6	41.4
Sales occupations	48.8	54.8 (0.7)	8,277	38.4	83.0	43.0	34.3	31.3	21.0	10.5	57.2	46.1	44.8
Administrative support, in-cluding clerical	76.7	77.6 (0.5)	14,235	31.4	75.0	39.4	33.3	28.3	17.0	8.3	15.9	56.2	36.0
Service occupations	14.7	16.4 (0.5)	2,752	15.7	52.3	27.6	27.9	17.4	9.6	6.6	11.0	34.4	17.9
Precision production, craft, and repair	23.2	25.0 (0.6)	3,501	29.6	62.8	31.6	27.0	22.5	18.2	16.3	11.1	29.0	26.2
Operators, fabricators, and la-borers	14.9	17.3 (0.5)	3,154	19.1	63.1	21.3	19.0	14.6	12.6	9.7	9.2	17.4	15.4
Farming, forestry, and fishing	8.5	9.3 (0.9)	311	40.2	79.3	22.8	27.3	33.0	11.2	10.2	19.1	33.7	33.0
Family income³													
Less than \$20,000	25.1	26.7 (0.5)	5,915	27.6	67.8	34.0	28.7	24.0	19.4	11.7	22.2	44.9	31.4
\$20,000 to \$29,999	38.4	38.4 (0.6)	7,310	30.3	69.4	36.9	30.2	26.1	21.8	10.5	20.0	48.0	34.3
\$30,000 to \$39,999	45.7	45.8 (0.6)	8,915	35.7	67.4	42.2	33.7	29.4	23.8	12.8	20.8	50.8	38.0
\$40,000 to \$49,999	51.9	52.3 (0.7)	7,737	40.0	69.0	43.6	36.9	31.8	25.4	15.0	21.0	53.8	42.5
\$50,000 to \$74,999	60.6	59.9 (0.5)	16,966	42.7	65.8	48.6	38.9	36.1	27.2	16.5	20.6	58.4	45.5
\$75,000 or more	65.9	69.7 (0.5)	17,042	51.4	63.6	58.4	44.6	42.3	30.6	17.8	25.7	68.4	54.7

¹ Individuals may be counted in more than one computer activity.² Includes bulletin boards and electronic mail.³ Excludes persons whose income data were not available.

NOTE.—Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared August 1998.)

**Table 425.—Access to and use of home computers, by selected characteristics of students and other users:
October 1997**

Selected characteristics	Percent with computers at home	Percent using computers at home, in thousands	Percent using computers at home	Distribution of frequency of use per week for persons using computers in home				Percent of persons whose home computer has specific capabilities ¹			
				6 or 7 days	4 or 5 days	2 or 3 days	1 day or less	CD-ROM drive	Printer	Modem	Internet
1	2	3	4	5	6	7	8	9	10	11	12
Total, all persons ...	43.0 (0.2)	81,013	30.3 (0.2)	23.4 (0.2)	20.1 (0.2)	32.6 (0.2)	24.0 (0.2)	71.3 (0.2)	85.5 (0.2)	71.1 (0.2)	52.1 (0.3)
Sex											
Male	44.3 (0.2)	41,260	31.6 (0.2)	27.1 (0.2)	20.1 (0.2)	30.6 (0.2)	22.2 (0.2)	72.1 (0.3)	85.5 (0.2)	71.7 (0.3)	52.9 (0.3)
Female	41.7 (0.2)	39,753	29.1 (0.2)	19.6 (0.2)	20.0 (0.2)	34.6 (0.2)	25.8 (0.2)	70.6 (0.3)	85.6 (0.2)	70.5 (0.3)	51.2 (0.3)
Race/ethnicity											
White, non-Hispanic	49.2 (0.2)	68,026	35.5 (0.2)	23.5 (0.2)	20.2 (0.2)	32.1 (0.2)	24.3 (0.2)	72.4 (0.3)	87.1 (0.2)	72.8 (0.3)	53.7 (0.3)
Black, non-Hispanic	22.8 (0.4)	4,943	14.7 (0.3)	20.8 (0.7)	20.5 (0.7)	37.6 (0.8)	21.2 (0.7)	58.2 (1.0)	75.2 (0.9)	57.7 (1.0)	40.3 (1.0)
Hispanic	22.2 (0.5)	4,081	13.5 (0.4)	23.3 (0.8)	17.3 (0.7)	36.4 (0.9)	23.1 (0.8)	69.1 (1.1)	78.2 (1.0)	60.8 (1.2)	44.4 (1.2)
Age											
Under 5	39.0 (0.6)	1,675	8.5 (0.3)	12.2 (0.5)	16.3 (0.5)	38.1 (0.7)	33.5 (0.7)	71.9 (0.8)	83.3 (0.7)	74.5 (0.8)	53.8 (0.9)
5 to 9	46.4 (0.6)	7,599	37.1 (0.6)	11.8 (0.4)	17.6 (0.5)	44.2 (0.6)	26.4 (0.6)	74.7 (0.7)	83.8 (0.6)	71.5 (0.8)	50.5 (0.8)
10 to 14	55.1 (0.6)	9,500	48.7 (0.6)	21.1 (0.5)	21.8 (0.5)	38.0 (0.6)	19.1 (0.5)	75.5 (0.7)	87.9 (0.5)	70.6 (0.7)	50.3 (0.8)
15 to 19	53.0 (0.6)	8,395	43.1 (0.5)	24.7 (0.5)	22.4 (0.5)	32.4 (0.6)	20.5 (0.5)	73.7 (0.7)	88.0 (0.5)	69.9 (0.7)	52.3 (0.8)
20 to 24	41.2 (0.6)	4,975	28.5 (0.6)	28.3 (0.8)	20.2 (0.7)	28.9 (0.8)	22.6 (0.7)	69.5 (1.0)	83.4 (0.8)	69.8 (1.0)	53.0 (1.1)
25 to 29	39.3 (0.6)	5,963	31.7 (0.6)	26.1 (0.7)	22.3 (0.6)	30.0 (0.7)	21.7 (0.6)	70.1 (0.9)	80.4 (0.8)	75.8 (0.9)	58.4 (1.0)
30 to 39	47.0 (0.4)	15,393	35.8 (0.4)	24.2 (0.4)	20.6 (0.4)	32.0 (0.4)	23.2 (0.4)	71.9 (0.5)	84.5 (0.4)	72.8 (0.5)	53.5 (0.6)
40 to 49	54.0 (0.4)	15,346	38.3 (0.4)	24.3 (0.4)	18.8 (0.3)	30.3 (0.4)	26.6 (0.4)	73.9 (0.5)	87.4 (0.4)	73.0 (0.5)	54.4 (0.6)
50 to 59	44.2 (0.5)	7,679	28.5 (0.5)	26.6 (0.5)	19.8 (0.5)	28.0 (0.5)	25.7 (0.5)	66.5 (0.7)	86.2 (0.5)	67.6 (0.7)	50.7 (0.8)
60 to 69	27.5 (0.6)	3,162	16.2 (0.5)	29.7 (0.8)	17.5 (0.7)	24.1 (0.8)	28.6 (0.8)	61.0 (1.2)	86.8 (0.8)	63.5 (1.1)	42.3 (1.2)
70 or older	13.2 (0.4)	1,327	5.9 (0.3)	29.4 (1.1)	17.8 (1.0)	25.4 (1.1)	27.5 (1.1)	59.0 (1.6)	86.1 (1.1)	60.4 (1.5)	38.6 (1.5)
Family income											
Less than \$5,000	19.4 (0.6)	1,517	13.3 (0.5)	31.1 (1.3)	16.7 (1.1)	26.8 (1.3)	25.3 (1.3)	63.2 (1.8)	81.9 (1.4)	66.2 (1.8)	44.6 (1.8)
\$5,000 to \$9,999	12.1 (0.4)	1,575	8.1 (0.3)	24.8 (1.2)	19.6 (1.1)	29.4 (1.3)	26.1 (1.3)	59.6 (1.8)	81.0 (1.4)	56.7 (1.8)	40.5 (1.8)
\$10,000 to \$14,999	15.6 (0.4)	2,197	9.7 (0.3)	26.2 (1.1)	17.7 (0.9)	31.4 (1.1)	24.8 (1.0)	55.9 (1.5)	74.5 (1.3)	54.7 (1.5)	38.7 (1.4)
\$15,000 to \$19,999	18.4 (0.5)	2,084	12.0 (0.4)	25.9 (1.1)	20.4 (1.0)	29.9 (1.1)	23.8 (1.1)	60.5 (1.5)	77.8 (1.3)	60.0 (1.5)	42.7 (1.5)
\$20,000 to \$24,999	25.5 (0.5)	3,645	17.1 (0.4)	25.1 (0.8)	18.9 (0.7)	31.4 (0.9)	24.5 (0.8)	59.9 (1.2)	80.9 (0.9)	58.1 (1.2)	38.8 (1.2)
\$25,000 to \$29,999	31.4 (0.6)	4,174	21.0 (0.5)	23.3 (0.7)	19.3 (0.7)	33.3 (0.8)	24.1 (0.8)	62.2 (1.1)	77.6 (0.9)	61.0 (1.1)	42.0 (1.1)
\$30,000 to \$34,999	38.3 (0.6)	5,003	25.7 (0.5)	22.5 (0.7)	20.5 (0.6)	32.9 (0.7)	24.1 (0.7)	66.4 (1.0)	82.6 (0.8)	64.1 (1.0)	43.7 (1.0)
\$35,000 to \$39,999	43.6 (0.6)	5,367	29.1 (0.6)	22.7 (0.6)	18.5 (0.6)	34.1 (0.7)	24.7 (0.6)	65.9 (0.9)	84.3 (0.7)	66.3 (0.9)	46.1 (1.0)
\$40,000 to \$49,999	51.1 (0.5)	9,627	35.4 (0.5)	22.2 (0.5)	19.5 (0.4)	33.3 (0.5)	25.1 (0.5)	68.2 (0.7)	86.0 (0.5)	67.6 (0.7)	46.4 (0.7)
\$50,000 to \$74,999	62.3 (0.4)	21,685	44.6 (0.4)	22.1 (0.3)	20.2 (0.3)	32.5 (0.4)	25.1 (0.3)	73.9 (0.4)	87.2 (0.3)	74.3 (0.4)	53.9 (0.5)
\$75,000 or more	77.6 (0.4)	24,138	58.0 (0.4)	24.1 (0.3)	21.1 (0.3)	32.8 (0.3)	22.0 (0.3)	80.9 (0.4)	89.8 (0.3)	81.1 (0.4)	64.5 (0.5)
Total, all students	54.6 (0.3)	32,459	45.1 (0.3)	21.7 (0.2)	21.2 (0.2)	36.3 (0.3)	20.8 (0.2)	74.6 (0.3)	86.9 (0.3)	71.9 (0.4)	52.9 (0.4)
Sex											
Male	45.2 (0.9)	2,493	29.6 (0.8)	10.8 (0.6)	17.7 (0.8)	41.2 (1.0)	30.3 (0.9)	74.8 (1.2)	85.4 (0.9)	73.4 (1.2)	53.5 (1.3)
Female	50.7 (0.5)	14,056	43.4 (0.5)	16.5 (0.4)	19.9 (0.4)	41.5 (0.5)	22.1 (0.4)	75.2 (0.6)	86.0 (0.4)	71.0 (0.6)	50.3 (0.6)
Race/ethnicity											
White, non-Hispanic	55.7 (0.6)	7,699	48.8 (0.6)	23.9 (0.5)	22.8 (0.5)	33.6 (0.6)	19.6 (0.5)	74.6 (0.7)	88.6 (0.5)	70.2 (0.8)	51.5 (0.8)
Black, non-Hispanic	64.7 (0.7)	6,179	49.8 (0.7)	30.8 (0.7)	22.3 (0.6)	29.0 (0.7)	17.9 (0.6)	73.3 (0.9)	86.9 (0.7)	73.6 (0.9)	57.6 (1.0)
Hispanic	75.3 (1.2)	2,032	67.2 (1.3)	34.1 (1.2)	25.4 (1.1)	26.9 (1.1)	13.6 (0.9)	73.6 (1.5)	89.4 (1.0)	78.9 (1.4)	65.1 (1.6)
Age											
Under 5	54.8 (0.4)	16,213	45.2 (0.4)	24.4 (0.4)	21.1 (0.3)	35.1 (0.4)	19.4 (0.3)	75.5 (0.5)	86.5 (0.4)	72.3 (0.5)	53.4 (0.6)
5 to 9	46.5 (1.3)	1,308	30.3 (1.2)	13.4 (0.9)	20.1 (1.1)	37.1 (1.3)	29.4 (1.3)	74.3 (1.6)	83.3 (1.4)	72.3 (1.6)	53.6 (1.6)
10 to 14	50.9 (0.6)	7,257	43.6 (0.6)	18.0 (0.5)	20.8 (0.5)	41.2 (0.7)	20.1 (0.5)	75.1 (0.8)	85.6 (0.6)	70.8 (0.8)	50.2 (0.9)
15 to 19	56.1 (0.9)	3,971	49.3 (0.9)	27.3 (0.8)	21.8 (0.7)	31.4 (0.8)	19.6 (0.7)	76.4 (1.0)	88.7 (0.7)	71.9 (1.0)	53.0 (1.1)
20 to 24	66.6 (1.0)	2,841	51.3 (1.0)	36.9 (1.1)	20.4 (0.9)	26.9 (1.0)	15.8 (0.8)	76.9 (1.3)	87.2 (1.0)	76.1 (1.3)	60.8 (1.5)
25 to 29	73.8 (1.9)	834	64.1 (2.0)	40.3 (1.9)	24.5 (1.7)	25.4 (1.7)	9.8 (1.2)	74.2 (2.2)	88.3 (1.7)	77.8 (2.1)	63.7 (2.5)
Family income											
Less than \$5,000	54.4 (0.4)	16,246	44.9 (0.4)	19.0 (0.3)	21.3 (0.3)	37.4 (0.4)	22.3 (0.4)	73.7 (0.5)	87.3 (0.4)	71.6 (0.5)	52.4 (0.6)
\$5,000 to \$9,999	43.9 (1.3)	1,185	28.8 (1.2)	8.0 (0.8)	15.0 (1.0)	45.6 (1.4)	31.4 (1.3)	75.5 (1.7)	87.7 (1.3)	74.7 (1.7)	53.4 (1.9)
\$10,000 to \$14,999	50.5 (0.7)	6,799	43.3 (0.7)	15.0 (0.5)	18.9 (0.5)	41.7 (0.7)	24.3 (0.6)	75.3 (0.8)	86.4 (0.6)	71.3 (0.8)	50.4 (0.9)
\$15,000 to \$19,999	55.2 (0.9)	3,728	48.1 (0.9)	20.3 (0.7)	23.9 (0.8)	36.1 (0.8)	19.7 (0.7)	72.6 (1.1)	88.5 (0.8)	68.4 (1.1)	49.9 (1.2)
\$20,000 to \$24,999	63.1 (0.9)	3,337	48.6 (0.9)	25.7 (0.9)	23.9 (0.9)	30.7 (0.9)	19.7 (0.8)	70.4 (1.2)	86.7 (0.9)	71.7 (1.2)	55.0 (1.3)
\$25,000 to \$29,999	76.5 (1.6)	1,197	69.6 (1.7)	29.7 (1.5)	26.0 (1.4)	28.0 (1.5)	16.3 (1.2)	73.2 (1.9)	90.2 (1.3)	79.7 (1.7)	66.0 (2.1)
Race/ethnicity											
White, non-Hispanic	65.4 (0.3)	26,229	54.9 (0.4)	21.4 (0.3)	21.4 (0.3)	35.8 (0.3)	21.4 (0.3)	76.4 (0.4)	89.1 (0.3)	74.1 (0.4)	55.2 (0.4)
Black, non-Hispanic	56.9 (1.1)	2,080	38.4 (1.1)	11.2 (0.7)	17.4 (0.8)	41.8 (1.1)	29.6 (1.0)	77.1 (1.3)	87.3 (1.0)	74.9 (1.3)	54.9 (1.5)
Hispanic	62.0 (0.6)	11,340	54.4 (0.6)	16.0 (0.4)	20.3 (0.4)	41.1 (0.5)	22.6 (0.4)	77.2 (0.6)	88.5 (0.5)	74.0 (0.6)	53.2 (0.7)
Undergraduate	68.0 (0.7)	6,265	60.9 (0.7)	23.9 (0.6)	23.0 (0.6)	32.8 (0.6)	20.3 (0.5)	76.3 (0.8)	90.6 (0.5)	72.1 (0.8)	53.5 (0.9)
Graduate	71.3 (0.7)	4,927	55.1 (0.8)	31.1 (0.8)	22.1 (0.7)	27.9 (0.8)	18.9 (0.7)	74.6 (1.0)	89.0 (0.7)	75.4 (1.0)	59.9 (1.1)
Black, non-Hispanic	28.2 (0.7)	2,330	21.1 (0.6)	20.3 (1.0)	21.9 (1.0)	41.1 (1.2)	16.6 (0.9)	57.8 (1.5)	75.3 (1.3)	58.6 (1.5)	39.1 (1.5)
Undergraduate	17.8 (1.5)	139	9.8 (1.2)	11.3 (2.4)	19.8 (3.0)	31.0 (3.5)	37.8 (3.7)	55.5 (4.7)	80.5 (3.8)	62.0 (4.6)	43.0 (4.7)
Graduate	26.8 (0.9)	1,078	20.6 (0.8)	19.7 (1.3)	17.2 (1.3)	47.3 (1.7)	15.8 (1.2)	58.3 (2.0)	74.0 (1.8)	55.4 (2.0)	34.8 (1.9)
Hispanic	26.6 (1.4)	534	21.0 (1.3)	19.9 (2.1)	27.6 (2.4)	38.4 (2.6)	14.1 (1.8)	56.2 (3.1)	73.8 (2.8)	57.5 (3.1)	39.4 (3.1)
Undergraduate	37.8 (2.0)	394	25.6 (1.8)	19.2 (2.7)	26.4 (3.0)	38.4 (3.3)	16.0 (2.5)	56.2 (4.1)	73.1 (3.6)	61.3 (4.0)	40.3 (4.0)
Graduate	63.0 (4.4)	185	56.3 (4.5)	34.4 (4.3)	24.7 (3.9)	26.5 (4.0)	14.3 (3.2)	67.0 (5.5)	87.6 (3.8)	75.6 (5.0)	61.0 (5.7)
Hispanic	27.2 (0.8)	1,944	21.1 (0.7)	22.2 (1.1)	18.7 (1.1)	41.1 (1.4)	18.0 (1.1)	72.8 (1.6)	77.9 (1.5)	60.8 (1.7)	45.2 (1.8)
Undergraduate	21.2 (1.5)	134	11.2 (1.1)	9.6 (1.9)	17.3 (2.4)	43.3 (3.1)	29.9 (2.9)	65.8 (3.7)	74.7 (3.4)	67.4 (3.7)	46.0 (3.9)
Graduate	24.0 (0.8)	863	18.6 (0.7)	18.0 (1.1)	17.3 (1.1)	44.2 (1.5)	20.4 (1.2)	72.8 (1.7)	75.7 (1.6)	57.7 (1.9)	43.6 (1.9)
Black, non-Hispanic	25.8 (1.7)	458	21.6 (1.6)	25.0 (2.5)	19.3 (2.3)	37.1 (2.8)	18.6 (2.2)	73.2 (3.3)	81.0 (2.9)	58.0 (3.7)	41.0 (3.7)
Undergraduate	45.8 (2.6)	430	37.3 (2.5)	29.1 (2.9)	21.1 (2.6)	38.7 (3.1)	11.2 (2.0)	74.4 (3.6)	81.1 (3.2)	65.0 (3.9)	50.9 (4.1)
Graduate	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —	(2) —
Family income											
Less than \$5,000	29.5 (1.2)	812	22.6 (1.1)	30.7 (1.7)	16.7 (1.4)	31.2 (1.7)	21.4 (1.5)	66.8 (2.3)	86.1 (1.7)	69.3 (2.2)	49.5 (2.4)
\$5,000 to \$9,999	20.8 (0.9)	790	15.8 (0.8)	27.0 (1.7)	18.9 (1.5)	32.7 (1.8)	21.5 (1.6)	63.6 (2.3)	81.4 (1.9)	58.7 (2.4)	43.3 (2.4)
\$10,000 to \$14,999	23.7 (0.9)	1,004	18.4 (0.8)	26.2 (1.6)	17.0 (1.3)	37.0 (1.7)	19.7 (1.4)	58.6 (2.1)	74.0 (1.9)	54.2 (2.2)	39.5 (2.1)
\$15,000 to \$19,999	27.1 (1.1)	854	20.7 (1.0)	28.6 (1.7)	21.1 (1.5)	35.7 (1.8)	14.5 (1.3)	63.9 (2.2)	77.5 (1.9)	62.0 (2.3)	45.6 (2.3)
\$20,000 to \$24,999	36.8 (1.0)	1,541	30.5 (1.0)	26.3 (1.3)	19.8 (1.1)	33.0 (1.3)	20.8 (1.2)	61.8 (1.8)	82.4 (1.4)	60.2 (1.8)	39.9 (1.8)
\$2											

Table 426.—Percent of home computer users using specific applications, by selected characteristics: October 1997

Selected characteristics	Number of home computer users, in thousands	Percent of computer users using specific applications ¹										
		Home book-keeping ²	School assignments	Games	Job-related ²	Home connection to school or work	Word processing	Data bases ²	Graphics	Desktop publishing ²	Spreadsheets ²	Internet
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all persons ...	81,013 (600)	—	29.9	62.6	—	10.6 (0.2)	60.9	—	23.4	—	—	44.9 (0.3)
Total, all persons over 15	53,845 (461)	45.2 (0.4)	16.0	53.2	35.5	14.6 (0.3)	70.6	26.7	26.0	17.9	29.4	52.4 (0.4)
Sex												
Male	41,260 (413)	32.4 (0.4)	28.5	66.4	26.8	12.9 (0.3)	57.0	21.0	24.0	12.4	23.1	48.4 (0.4)
Female	39,753 (304)	28.8 (0.4)	31.3	58.5	21.8	8.3 (0.2)	64.9	16.4	22.8	13.2	17.8	41.3 (0.4)
Race/ethnicity												
White, non-Hispanic	68,026 (330)	31.5 (0.3)	28.9	62.9	24.8	10.9 (0.2)	61.7	19.3	24.0	13.2	21.1	46.1 (0.3)
Black, non-Hispanic	4,943 (108)	28.1 (1.1)	32.9	62.5	22.5	8.8 (0.7)	55.6	15.2	20.5	11.0	17.9	34.3 (1.2)
Hispanic	4,081 (93)	24.3 (1.3)	34.6	59.6	19.9	7.5 (0.8)	55.8	14.3	20.1	10.4	14.6	38.1 (1.5)
Other	3,963 —	24.3 (1.3)	38.3	59.1	22.4	11.7 (1.0)	59.1	17.7	21.3	10.0	19.4	44.2 (1.6)
Age												
Under 15	18,774 (222)	—	49.0	87.0	—	1.2 (0.1)	31.5	—	17.2	—	—	22.8 (0.5)
15 to 19	8,395 (153)	5.6 (0.4)	75.9	67.7	7.1	6.1 (0.5)	64.2	9.3	20.9	8.9	9.4	46.1 (0.9)
20 to 24	4,975 (119)	24.0 (1.0)	51.3	60.9	16.4	16.3 (0.9)	70.9	19.0	22.6	12.1	21.6	55.9 (1.2)
25 to 29	5,963 (130)	44.3 (1.1)	23.4	58.5	34.8	17.9 (0.9)	71.5	26.3	25.1	19.8	30.5	59.0 (1.1)
30 to 39	15,393 (203)	48.3 (0.7)	13.3	58.3	39.2	15.8 (0.5)	68.7	27.0	27.7	19.3	31.1	53.2 (0.7)
40 to 49	15,346 (203)	46.5 (0.7)	12.2	50.4	39.2	14.9 (0.5)	71.4	28.0	27.3	18.9	30.8	52.8 (0.7)
50 to 59	7,679 (147)	48.2 (1.0)	8.3	43.7	41.2	13.5 (0.7)	73.4	30.3	25.8	18.0	30.7	50.0 (1.0)
60 to 69	3,162 (96)	51.3 (1.5)	3.5	47.9	25.1	5.8 (0.7)	69.9	25.1	22.4	15.1	25.7	42.3 (1.5)
70 or older	1,327 (62)	44.5 (2.4)	2.1	43.0	17.3	4.4 (1.0)	63.8	22.4	17.1	9.2	20.2	35.3 (2.3)
Family income												
Under \$20,000	7,374 (144)	25.8 (0.9)	34.2	61.8	16.2	9.3 (0.6)	58.0	15.3	21.8	9.9	17.4	38.9 (1.0)
\$20,000 to \$29,999	7,819 (148)	29.3 (0.9)	30.8	66.4	18.7	6.7 (0.5)	57.2	15.6	22.4	12.4	16.6	37.6 (0.9)
\$30,000 to \$39,999	10,370 (169)	30.2 (0.8)	29.4	64.5	20.4	7.6 (0.5)	52.3	17.5	23.2	12.0	17.4	38.7 (0.8)
\$40,000 to \$49,999	9,627 (164)	29.3 (0.8)	28.3	66.3	20.4	8.1 (0.5)	55.5	16.6	23.9	12.1	18.0	38.6 (0.9)
\$50,000 to \$74,999	21,685 (236)	30.4 (0.5)	29.9	63.6	24.6	10.4 (0.4)	61.7	18.6	24.0	13.2	20.7	45.6 (0.6)
\$75,000 or more	24,138 (247)	33.4 (0.5)	29.1	58.2	31.7	14.9 (0.4)	66.8	22.2	23.7	14.1	25.0	53.6 (0.6)

¹ Individuals may be counted in more than one computer activity.² Data are for persons 15 years old and over.

—Data not available or not applicable.

NOTE.—Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared October 1998.)

Table 427.—Percent of student home computer users using specific applications, by selected characteristics: October 1997

Selected characteristics	Number of home computer users, in thousands	Percent of computer users using specific applications ¹										
		Home book-keeping	School assignments	Games	Job-related	Home connection to school or work	Word processing	Data bases	Graphics	Desktop publishing	Spreadsheets	Internet
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, all students	32,459 (310)	—	65.9 (0.4)	78.0	—	7.4 (0.2)	52.5	—	21.4	—	—	36.3 (0.4)
Preprimary	2,493 (83)	—	5.2 (0.7)	89.5	—	0.4 (0.2)	4.6	0.0	10.8	—	—	4.4 (0.7)
1st to 8th grade	14,056 (205)	—	58.3 (0.7)	93.0	—	1.3 (0.2)	36.1	0.0	19.2	—	—	25.1 (0.6)
White, non-Hispanic	11,340 (182)	—	55.6 (0.8)	89.1	—	1.2 (0.2)	35.7	0.0	19.5	—	—	26.4 (0.7)
Black, non-Hispanic	1,078 (50)	—	49.8 (2.3)	84.1	—	1.0 (0.5)	23.6	0.0	9.5	—	—	16.0 (1.7)
Hispanic	863 (37)	—	51.0 (2.1)	77.5	—	2.0 (0.6)	28.2	0.0	14.3	—	—	19.4 (1.7)
9th to 12th grade	7,699 (139)	2.9	84.8 (0.6)	76.0	5.2	3.1 (0.3)	65.9	6.1	22.3	7.0	6.5	42.2 (0.9)
White, non-Hispanic	6,265 (125)	2.8	80.4 (0.8)	72.5	4.2	3.1 (0.3)	64.3	6.0	22.2	7.1	6.3	43.6 (1.0)
Black, non-Hispanic	534 (38)	1.7	74.3 (3.1)	69.7	9.9	1.4 (0.8)	47.2	2.4	15.3	4.0	2.2	27.6 (3.2)
Hispanic	458 (37)	3.1	73.0 (3.6)	64.2	4.4	2.2 (1.2)	55.2	4.1	13.4	3.9	4.5	37.3 (3.9)
Undergraduate	6,179 (124)	22.5	82.0 (0.8)	54.3	17.8	20.3 (0.8)	79.7	0.0	25.4	14.3	24.6	57.9 (1.0)
Graduate	2,032 (70)	38.1	73.4 (1.5)	44.3	43.4	32.0 (1.6)	88.0	0.0	32.9	25.5	36.6	65.9 (1.6)
Males												
Preprimary	1,308 (60)	7.2	62.5 (0.6)	79.9	7.2	7.7 (0.3)	47.0	0.0	20.3	5.4	8.9	37.3 (0.6)
1st to 8th grade	7,257 (144)	—	5.5 (1.0)	90.3	—	0.8 (0.4)	3.8	0.0	11.2	—	—	5.9 (1.1)
9th to 12th grade	3,971 (98)	—	54.8 (1.0)	89.8	—	1.4 (0.2)	31.3	0.0	16.3	—	—	25.0 (0.8)
Undergraduate	2,841 (83)	3.0	78.6 (1.0)	78.8	5.5	3.4 (0.4)	58.9	0.0	21.9	6.6	6.7	44.5 (1.2)
Graduate	834 (45)	23.5	82.7 (1.1)	59.8	18.8	23.7 (1.2)	78.8	0.0	28.6	13.8	28.4	63.6 (1.4)
Females												
Preprimary	1,185 (57)	7.5	64.3 (0.6)	70.2	7.4	6.6 (0.3)	54.1	0.0	20.8	6.4	8.0	35.4 (0.6)
1st to 8th grade	6,799 (139)	—	4.9 (1.0)	88.6	—	0.0 (0.0)	5.3	0.0	10.4	—	—	2.7 (0.8)
9th to 12th grade	3,728 (95)	—	55.4 (1.0)	85.9	—	1.1 (0.2)	37.0	0.0	20.0	—	—	25.1 (0.9)
Undergraduate	3,337 (90)	2.5	81.3 (1.0)	64.0	4.1	2.5 (0.4)	65.5	0.0	20.0	6.5	5.5	39.7 (1.2)
Graduate	1,197 (54)	21.6	81.5 (1.0)	49.5	17.0	17.4 (1.0)	80.6	0.0	22.7	14.7	21.3	53.1 (1.3)

¹ Individuals may be counted in more than one computer activity.

—Data not available or not applicable.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997, unpublished data. (This table was prepared October 1998.)

NOTE.—Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

Table 428.—Student use of computers, by level of instruction and selected characteristics: 1984 to 1997

Student and school characteristics	October, 1984 total	October 1989 total	October 1993						October 1997					
			Total	Pre-kindergarten and kindergarten	Grades 1 to 8	Grades 9 to 12	1st to 4th year of college	5th or later year of college	Total	Pre-kindergarten and kindergarten	Grades 1 to 8	Grades 9 to 12	1st to 4th year of college	5th or later year of college
			4	5	6	7	8	9	10	11	12	13	14	15
Percent of students using computers at school														
Total	27.3	42.7	59.0	26.2	68.9	58.2	55.2	52.1	68.8	36.5	79.3 (0.4)	70.5 (0.6)	64.7	55.5
Sex														
Male	29.0	43.5	59.4	25.9	69.5	56.5	57.5	56.7	70.1	37.1	79.5 (0.5)	71.3 (0.8)	67.8	59.9
Female	25.5	41.9	58.7	26.5	68.4	60.0	53.3	47.8	67.6	35.7	79.0 (0.5)	69.6 (0.8)	62.2	52.1
Race/ethnicity														
White, non-Hispanic	30.0	45.7	61.6	29.4	73.7	59.9	54.9	49.8	71.1	38.7	84.0 (0.4)	71.9 (0.7)	64.3	53.8
Black, non-Hispanic	16.8	32.6	51.5	16.5	56.5	54.5	56.9	57.9	66.3	33.5	71.6 (0.9)	72.9 (1.4)	69.2	55.8
Hispanic	18.6	34.9	52.3	19.2	58.4	54.1	51.9	53.7	61.5	31.0	68.3 (0.9)	63.1 (1.8)	63.3	54.7
Other	28.6	42.7	59.0	23.5	65.7	57.3	60.9	69.4	65.3	32.7	74.9 (1.3)	63.6 (2.9)	63.1	68.9
Household income														
Less than \$5,000	18.7	36.7	51.2	19.6	55.0	50.6	61.7	66.7	62.1	25.4	69.6 (1.9)	67.9 (2.9)	61.1	74.1
\$5,000 to 9,999	21.0	36.1	53.3	24.4	60.3	51.9	53.9	56.2	63.5	35.1	70.1 (1.6)	61.6 (2.4)	69.8	74.8
\$10,000 to 14,999	22.4	38.4	56.4	20.1	64.7	56.7	50.7	76.1	66.2	33.3	74.1 (1.4)	68.2 (2.1)	64.1	70.5
\$15,000 to 19,999	25.9	41.5	58.1	23.8	67.5	57.4	51.2	58.5	65.9	33.0	74.9 (1.6)	66.7 (2.4)	62.1	69.4
\$20,000 to 24,999	26.7	42.4	56.4	23.7	64.3	53.0	57.4	52.4	66.9	34.2	74.9 (1.5)	69.2 (2.0)	64.0	65.8
\$25,000 to 29,999	30.5	46.1	60.0	28.0	70.1	60.3	51.5	58.0	68.5	38.9	77.7 (1.5)	72.0 (2.2)	63.1	53.7
\$30,000 to 34,999	30.5	44.2	59.1	23.7	69.6	59.7	51.7	45.3	67.6	34.6	79.9 (1.3)	70.4 (2.1)	55.2	47.7
\$35,000 to 39,999	32.3	45.2	60.7	27.1	72.1	61.7	49.2	47.9	69.0	34.6	79.9 (1.4)	70.1 (2.2)	61.5	55.2
\$40,000 to 49,999	32.8	44.7	59.3	28.5	70.3	57.2	53.9	48.6	70.5	34.7	81.6 (1.1)	74.1 (1.6)	63.3	52.0
\$50,000 to 74,999	35.5	47.0	62.6	28.6	76.6	61.5	57.4	44.2	71.7	39.3	84.0 (0.8)	72.8 (1.2)	67.2	48.5
\$75,000 or more	36.0	51.2	64.6	33.5	78.7	62.5	60.9	47.7	72.1	43.2	85.7 (0.8)	71.6 (1.3)	68.1	50.1
Control of school														
Public	27.4	43.3	60.2	30.1	68.6	58.1	53.9	54.1	41.2	40.1	79.0 (0.4)	70.5 (0.6)	63.4	56.7
Private	26.5	38.9	52.1	18.7	72.5	60.7	60.7	48.0	37.8	29.6	82.1 (1.1)	69.6 (2.1)	70.4	53.0
Percent of students using computers at home														
Total	11.5	18.8	27.0	15.6	24.7	28.7	32.8	52.6	45.1	29.6	43.4 (0.5)	48.8 (0.6)	49.8	67.2
Sex														
Male	14.0	20.7	27.4	15.1	24.8	28.2	36.6	56.1	45.2	30.3	43.6 (0.6)	49.3 (0.9)	51.3	64.1
Female	9.0	17.0	26.6	16.1	24.6	29.2	29.7	49.5	44.9	28.8	43.3 (0.7)	48.1 (0.9)	48.6	69.6
Race/ethnicity														
White, non-Hispanic	13.7	22.7	32.8	19.4	31.4	35.9	36.0	53.6	54.9	38.4	54.4 (0.6)	60.9 (0.7)	55.1	70.3
Black, non-Hispanic	4.9	7.3	10.9	4.2	9.0	10.4	19.4	48.1	21.1	9.8	20.6 (0.8)	21.0 (1.3)	25.6	56.3
Hispanic	3.6	7.5	10.4	5.7	7.5	9.8	22.0	52.2	21.1	11.2	18.6 (0.7)	21.6 (1.6)	37.3	56.1
Other	9.0	18.8	28.7	17.0	23.2	37.0	33.0	47.1	49.1	34.1	46.9 (1.5)	51.8 (3.0)	55.2	59.1
Household income														
Less than \$5,000	2.9	8.4	9.7	1.1	4.1	6.8	25.6	45.2	22.6	4.7	17.4 (1.6)	17.3 (2.3)	40.8	57.1
\$5,000 to 9,999	3.2	5.4	8.0	0.9	4.5	5.3	21.3	45.6	15.8	7.6	9.9 (1.0)	9.1 (1.4)	41.0	55.4
\$10,000 to 14,999	5.0	7.2	11.4	4.6	6.4	8.7	29.8	50.0	18.4	9.4	12.8 (1.1)	18.1 (1.8)	34.9	64.2
\$15,000 to 19,999	7.5	11.3	15.1	6.9	10.9	14.1	28.9	43.0	20.7	9.4	16.4 (1.4)	20.6 (2.1)	35.1	74.8
\$20,000 to 24,999	9.9	12.9	16.8	7.4	13.1	17.9	27.7	49.6	30.5	14.5	26.1 (1.5)	31.7 (2.0)	44.1	61.3
\$25,000 to 29,999	12.8	17.0	21.1	12.3	19.3	22.0	26.1	47.0	34.6	20.9	32.2 (1.6)	37.9 (2.3)	42.8	53.4
\$30,000 to 34,999	15.8	17.7	24.1	18.7	20.5	29.1	26.4	44.4	38.7	22.7	36.4 (1.6)	42.3 (2.3)	45.8	65.4
\$35,000 to 39,999	19.4	21.4	27.1	13.0	26.3	28.1	32.7	52.7	44.1	28.1	44.5 (1.7)	45.9 (2.4)	47.0	67.4
\$40,000 to 49,999	20.4	25.7	32.2	21.6	32.9	33.9	32.5	45.9	50.6	37.3	51.0 (1.4)	56.2 (1.9)	51.1	54.1
\$50,000 to 74,999	24.2	31.6	43.0	25.5	45.3	46.4	40.1	58.2	61.7	44.3	64.2 (1.0)	67.3 (1.3)	56.3	73.2
\$75,000 or more	22.1	43.8	56.1	38.2	62.3	61.0	47.0	64.7	74.2	58.5	80.3 (0.9)	80.7 (1.1)	62.8	76.1
Control of school														
Public	11.2	17.9	25.3	12.1	23.0	27.2	31.9	50.0	30.2	24.0	41.2 (0.5)	46.9 (0.6)	49.7	66.1
Private	13.8	24.4	37.4	22.4	41.5	47.2	36.9	57.7	35.9	40.2	65.0 (1.4)	72.8 (2.0)	50.3	69.5
Percent of students using computers at home for school work														
Total	4.6	8.9	14.9	0.6	10.8	20.9	23.1	36.6	28.6	1.5	23.9 (0.4)	39.0 (0.6)	40.8	49.3
Sex														
Male	5.9	9.5	14.8	0.9	10.1	20.5	26.3	40.3	28.3	1.7	23.8 (0.5)	38.8 (0.8)	42.4	47.2
Female	3.3	8.3	15.0	0.4	11.5	21.4	20.5	33.2	28.9	1.4	24.0 (0.6)	39.1 (0.9)	39.6	50.9
Race														
White, non-Hispanic	5.4	10.7	18.2	0.8	13.8	26.5	25.7	37.8	35.0	1.7	30.2 (0.5)	49.0 (0.8)	45.9	51.3
Black, non-Hispanic	2.3	3.4	5.7	—	4.0	6.9	11.5	30.1	12.5	1.5	10.3 (0.6)	15.6 (1.2)	19.2	39.8
Hispanic	1.4	3.6	5.6	—	2.9	6.7	15.9	36.8	12.5	0.7	9.5 (0.5)	15.8 (1.4)	27.6	46.2
Other	3.8	9.1	16.0	1.1	9.3	27.0	23.7	29.2	33.6	1.9	28.2 (1.4)	44.9 (3.0)	45.2	45.8
Household income														
Less than \$5,000	1.0	5.0	6.7	—	2.5	4.0	18.7	36.0	15.1	—	8.8 (1.2)	11.7 (2.0)	31.6	53.7
\$5,000 to 9,999	1.5	3.2	4.8	—	1.1	3.6	16.1	35.5	10.4	1.1	3.9 (0.7)	7.3 (1.3)	35.3	44.8
\$10,000 to 14,999	1.9	3.5	7.3	—	2.6	5.6	25.9	34.6	11.4	0.8	5.3 (0.7)	13.5 (1.6)	28.9	50.1
\$15,000 to 19,999	3.0	4.5	8.6	0.4	4.7	10.8	18.7	31.0	13.2	1.0	8.4 (1.0)	13.2 (1.7)	31.0	63.3
\$20,000 to 24,999	3.1	5.7	9.8	0.7	5.1	12.6	22.9	35.0	19.4	1.7	12.5 (1.2)	25.4 (1.9)	35.2	44.6
\$25,000 to 29,999	5.1	6.4	10.4	1.1	6.3	13.4	19.5	34.9	21.9	2.1	18.6 (1.4)	27.5 (2.2)	34.4	40.8
\$30,000 to 34,999	4.9	8.0	13.0	0.8	8.1	21.9	18.0	35.1	24.4	0.8	19.0 (1.3)	33.2 (2.2)	38.7	48.9
\$35,000 to 39,999	7.1	10.5	15.4	0.8	12.4	21.0	22.6	37.2	26.5	0.4	22.3 (1.4)	35.5 (2.3)	38.7	55.7
\$40,000 to 49,999	9.2	11.9	17.1	1.1	14.7	24.2	22.2	32.1	30.1	2.9	26.7 (1.2)	45.5 (1.9)	38.9	36.8
\$50,000 to 74,999	11.5	15.2	23.2	1.0	19.7	35.0	27.0	38.2	39.3	1.2	36.1 (1.0)	54.9 (1.4)	46.9	53.1
\$75,000 or more	9.8	22.0	30.4	0.8	29.4	45.2	30.6	41.5	48.3	2.8	48.5 (1.2)	66.4 (1.4)	51.5	50.4
Control of school														
Public	4.5	8.5	14.2	0.5	10.1	19.8	22.7	34.7	21.8	1.5	22.5 (0.4)	37.1 (0.6)	40.6	48.7
Private	5.4	11.4	18.8	1.0	17.8	35.4	24.8	40.1	24.6	1.6	37.7 (1.4)	62.0 (2.3)	42.0	50.6

—Data not available.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1984, 1989, 1993, and 1997, unpublished data. (This table was prepared September 1998.)

NOTE.—Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

Guide to Tabular Presentation

This section is intended to assist the reader in following the basic structure of the *Digest* tables and to provide a legend for some of the common symbols and indexes used throughout the book. Unless otherwise noted, all data are for the 50 states and the District of Columbia.

Table Components

Title Describes the table content concisely.

Unit Indicator Informs the reader of the measurement unit in the table—"In thousands," "In millions of dollars," etc. Noted below the title unless several units are used, in which case the unit indicators are generally given in the spanner or individual column heads.

Spanner Describes a group of two or more columns.

Column head Describes specific column.

Stub Describes a row or a group of rows. Each stub is followed by a number of dots (leaders) or by a semi-colon if no data appears in the data fields.

Field The area of the table which contains the data elements.

Rules in the field

Single horizontal rules indicate

- that the data below the line add to the figure immediately above the line, or
- in the case of derived figures (e.g., percents, medians) that the datum above the line represents a cumulative figure.

Double horizontal rules demarcate groups of related rows.

Single vertical rules delineate columns.

Double vertical rules divide the table into sections with unique stubs.

Example of Table Structure

**Table 0.—Total enrollment in institutions of higher education,
by type and control of institution:
Fall 1979 to fall 1985**

[In thousands]

Type and control of institution	Year					Percent change, 1979 to 1985
	1979	1981	1983	1985		
1	2	3	4	5	6	
All institutions	11,570	12,372	12,465	12,247	5.85	
Universities	2,840	2,901	2,889	2,871	1.10	
Other 4-year institutions	4,514	4,754	4,852	4,845	7.35	
2-year institutions	4,217	4,716	4,723	4,531	7.46	
Public institutions	9,037	9,647	9,683	9,479	4.90	
Universities	2,100	2,152	2,155	2,141	1.98	
Other 4-year institutions	2,880	3,014	3,069	3,068	6.52	
2-year institutions	4,057	4,481	4,459	4,270	5.25	
Private institutions	2,533	2,725	2,782	2,768	9.27	
Universities	740	749	734	730	-1.42	
Other 4-year institutions	1,633	1,740	1,784	1,777	8.80	
2-year institutions	160	236	264	261	163.49	

Footnote → *Large percentage increase is due primarily to the addition of colleges accredited by the National Association of Trade and Technical Schools in 1980 and 1981.

Note → NOTE.—Includes undergraduate, graduate, first-professional, and unclassified students.

Source → SOURCE: U.S. Department of Education, Center for Education Statistics, "Fall Enrollment in Colleges and Universities" surveys. (This table was prepared July 1986.)

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 1996) 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 2/3 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 19/20 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 105. For the 1997 estimate that 11.0 percent of 16- to 24-year-olds were high school dropouts, the table shows that the standard error is .3 percent. Therefore, we can create a 95 percent confidence interval which is approximately 10.4 to 11.6 (11.0 percent + 2 times .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 approxi-

mations 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 1996 are being used to project enrollment in institutions of higher education, the further beyond 1996 one projects, the more variability in the projection. One will be less sure of the 2008 enrollment projection than of the 2000 projection. A detailed discussion of the projections methodology is contained in *Projections of Education Statistics to 2008* (National Center for Education Statistics 1998).

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.

U.S. 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—information not available through follow-ups 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. New B&B cohorts will alternate with BPS in using NPSAS as their base.

For additional information about B&B contact:

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555 New Jersey Avenue NW
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Paula_Knepper@ed.gov

Beginning Postsecondary Student Longitudinal Study

The Beginning Postsecondary Student 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 non-traditional (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 the Beginning Postsecondary Student Longitudinal Study may be obtained from:

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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, and the outlying areas. Information about staff and students is collected annually at the school, LEA (local education agency or school district), 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 (July 1 through June 30) via survey instruments sent to the state education agencies during the subsequent school year. States have 1 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 57 education agencies compile and submit data for approximately 88,000 public schools and 16,000 local school districts, misreporting can occur. Typically, this results from varying interpretation of NCES definitions and differing recordkeeping systems. NCES attempts to minimize these errors by working closely with the Council of Chief State School Officers (CCSSO) and its Committee on Evaluation and Information Systems (CEIS).

The state education agencies report data to NCES from data collected and edited in their regular reporting cycles. NCES encourages the agencies to incor-

porate 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.

Questions concerning the Common Core of Data can be directed to:

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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 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 the U.S. Bureau of the Census, *Finances of Public School Systems*. The amount of state revenue-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.

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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-cooperating 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 follow-up activities took place in the spring of 1982. The sample design of the first follow-up 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 follow-up surveys (dropouts, transfer students, and early graduates) completed the first follow-up sophomore questionnaire.

As part of the first follow-up survey of HS&B, transcripts were requested in fall 1982 for an 18,152 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 as-

signed a six-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 senior years were eliminated from public/private analyses.

In designing the senior cohort first follow-up survey, one of the goals was to reduce the size of the retained sample, while still keeping sufficient numbers of 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 follow-up, which took place in spring 1984, consisted of about 12,000 members of the senior cohort and about 15,000 members of the sophomore cohort. The completion rate for the senior cohort was 91 percent, and the completion rate for the sophomore cohort was 92 percent.

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

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 follow-up 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 non-response, 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 follow-up 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 High School and Beyond survey may be obtained from:

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High School Transcript Study Tabulations

The two most recent transcript studies in 1990 and in 1994 were based on surveys conducted as part of the National Assessment of Educational Progress. The 1990 study involved analysis of transcripts of approximately 21,500 1990 high school graduates from 330 schools. The 1994 study involved about 25,000 graduates. Approximately 21,500 1990 graduates were selected for the National Assessment of Educational Progress (NAEP) transcript study in 1990. The study collected information such as course lists, graduation requirements, and the definition of units of credit and grades, on a school-level basis.

Similar studies were conducted of course-taking patterns of 1987 and 1982 graduates. 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 Project.

Because the 1982 High School and Beyond study 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 higher education portion of this survey is a census of accredited 2- and 4-year colleges. 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.

Recently the definition of institutions to be counted under the higher education category has been modified. The older standard for higher education included those institutions that had courses leading to an associate degree or higher, or were accepted for credit toward those degrees. Tables that use this standard are labeled "higher education" in the *Digest*. The newer category includes institutions which award associate or higher level degrees that are eligible to participate in Title IV federal financial aid programs. These tables or columns are labeled as "degree-granting" institutions. 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 0.5 or 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*.

Most trend tables presented in this report draw on HEGIS surveys which 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 universe comprises institutions that met certain accreditation criteria and offered at least a 1-year program of college-level studies leading toward a degree. All of these institutions were certified as eligible by the U.S. Department of Education’s Division of Eligibility and Agency Evaluation. The survey collects basic information necessary to classify the institutions including control, level, and kinds of programs; information on tuition, fees, and room and board charges; and unduplicated full-year enrollment counts and instructional activity.

Fall Enrollment

This survey has been part of the HEGIS and IPEDS series since 1966. The enrollment survey response rate is relatively high; the 1996 response rate was 96 percent for degree-granting institutions, or 95 percent overall. 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 the Integrated Postsecondary Education Data System (IPEDS) (see above). The IPEDS system comprises all postsecondary institutions, but also maintains comparability with earlier surveys by allowing HEGIS institutions

to be tabulated separately. The survey allows (in alternating years) for the collection of age and residence data.

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 1996-97 survey was 92 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.

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 1995-96. 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 1995-96 survey at 98 percent. The overall response rate including the noncollegiate institutions was 88 percent in 1994-95. Because of the high return rate for the institutions of higher education, 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).

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 reported. The response rate for the FY 1996 survey was 94 percent for higher education institutions, or 83 percent overall.

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 HEGIS institutions to be tabulated separately. Unless specified otherwise, the finance data tabulated for this publication reflect totals for the HEGIS or higher education institutions only. 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 survey system. The vast majority of the data were tabulated from Form 1, which was used to collect information from public and private nonprofit 2- and 4-year colleges. Form 2, a condensed form, was used to gather data for the 2-year proprietary 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 institutions of higher education 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.

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 higher education institutions. The NCES collects staff data biennially in odd numbered years in institutions of postsecondary education.

The IPEDS "Fall Staff" questionnaires were mailed out by NCES; the respondents reported the number of employees in their institutions as of January 15, 1996. The "Fall Staff" questionnaires were mailed out by NCES between October and November 1995; the respondents reported the employment statistics in their institution that cover the payroll period closest to October 1 of the survey year.

The "Fall Staff, 1995" survey had an overall response rate of 87 percent. The response rate for higher education institutions was 94 percent. Further information on the "Fall Staff" survey 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 statistics 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, interlibrary loans, circulation, and library visits. In FSCS, respondents supply the information electronically, and data are edited and tabulated in machine-readable form.

The respondents are 8,921 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 which 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 will be 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. The survey collects data on the libraries in the entire universe of accredited higher education institutions and on the libraries in nonaccredited institutions with a program of 4 years or more. 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.

Additional information on these academic and school library studies is available from:

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National Adult Literacy Survey

The National Adult Literacy Survey was created as a new measure of literacy and funded by the Depart-

ment 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 over-sampled 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. The NAEP long-term trend assessments are separate from a series of newer NAEP assessments (called "main assessments") that involve more recently developed instruments. Long-term trend assessments use the same sets of questions and tasks to measure trends across time, while main

assessments reflect current educational content and assessment methodology.

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 1995–96 NAEP long-term trends study were: 5,019 for the 9-year-olds, 5,493 for the 13-year-olds, and 4,669 for the 17-year-olds. Response rates were 96 percent, 92 percent, and 84 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 1995–96 long-term trends were: 5,414 9-year-olds, 5,658 13-year-olds, and 3,539 17-year-olds. Response rates were 95, 93, and 84 percent, respectively.

Assessments focusing on particular subject areas are conducted separately from long term assessments. The 1993–94 U.S. history data in this report are based on a nationally representative sample of 5,499 4th-graders, 8,767 8th-graders, and 7,818 12th-graders. The response rates were: 90 percent for 4th-graders, 90 percent for 8th-graders, and 89 percent for 12th-graders.

The 1991–92 writing assessment was administered to 7,166 4th-graders, 11,112 8th-graders, and 11,532 12th-graders. Student response rates for the 1992–93 writing assessment were 93 percent for the 4th-graders, 89 percent for the 8th-graders, and 81 percent for the 12th-graders. Sample sizes varied depending on the test items and the scoring method used.

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 per-

cent 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 1996, state-level assessments were conducted in 4th- and 8th-grade mathematics and 8th-grade 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 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. Follow-ups 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 follow-up is planned for the year 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 included 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 follow-up. In 1992, when the students were in 12th grade, the second follow-up conducted surveys of students, dropouts, parents, teachers, and school principals. Also, information on the students' transcripts, the schools' course offerings, and enrollments were collected, and there was a school effects survey. Tables A3 and A4 present the respondent counts and design effects of NELS:88 and the 1990 and 1992 follow-ups.

Further information about the NELS:88 survey can be obtained from:

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National Household Education Survey

The National Household Education Survey (NHES) is a data collection system that is designed to address a wide range of education-related issues. Surveys were conducted in 1991, 1993, 1995, and 1996.

The 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 the NHES:91 were early childhood education and adult education. About 60,000 households were screened for the 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 the 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 the 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.

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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 follow-up surveys of these students were conducted in 1973, 1974, 1976, 1979, and 1986. The 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.

The sample design for the NLS-72 was a stratified, two-stage probability sample of students from all schools, public and private, in the 50 states and the District of Columbia with a 12th-grade enrollment 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 follow-up survey. Beginning with the first follow-up and continuing through the fourth follow-up, about 1,300 schools participated in the survey and slightly 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 follow-up questionnaires were about 94, 93, 89, and 83 percent, respectively.

Further information may be obtained from:

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

As a part of the 1992–93 NPSAS, 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. The 1996 NPSAS 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 may be obtained from:

Andrew G. Malizio
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555 New Jersey Avenue NW
Washington, DC 20208–5652
Andrew__Malizio@ed.gov

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.

Further information may be obtained from:

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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.

For further information about projection methodology and accuracy, contact:

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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 one 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.

The 1991 RCG study 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 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 grad-

uates 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*. Further information on the RCG survey may be obtained from:

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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).

For more information about this survey contact:

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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 chil-

dren's readiness and on the teacher's classroom practices.

For more information about this survey contact:

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***Advanced Telecommunications in U.S. Public
Elementary and Secondary Schools, 1997***

Current information regarding the availability and use of telecommunications, and in particular, access to the Internet, was requested by this sample survey. The data were gathered from a nationally representative sample of public elementary and secondary schools in fall 1997. The survey was commissioned in response to the National Information Infrastructure (NII) set forth by the President to encourage an acceleration of the goal to connect all of the nation's school classrooms, as well as libraries, hospitals, and law enforcement agencies, to the "Information Superhighway."

For more information about this survey contact:

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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 U.S. Bureau of the Census during the 1987-88 school year. SASS subsequently was conducted in 1990-91 and in 1993-94. The next SASS is scheduled for school year 1999-2000. SASS is a mailed questionnaire with telephone follow-up that 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 and 1993-94 SASS also collected data on Bureau of Indian Affairs (BIA) schools. The SASS data are collected through a sample survey of schools, the school districts associated with sampled schools, school principals, and teachers. The 1993-94 SASS expanded as well to cover school libraries

and librarians, and field tested an administrative student records questionnaire.

The 1993-94 SASS estimates are based upon a sample consisting of approximately 9,900 public schools, 3,300 private schools, and 5,500 public school districts associated with the public schools in the sample. From these schools, about 57,000 public school teachers and 11,500 private school teachers were selected for the 1993-94 SASS teacher survey.

The public school sample for the 1993-94 SASS was based upon the 1991-92 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 nonregular 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 the 1993-94 SASS was selected from the 1991-92 Private School Universe Survey (PSS), 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 Teacher Demand and Shortage (school district) 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. 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 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.

Public-use and restricted-use microdata files are available on CD-ROM. Summary data from the 1993–94 SASS can be found in *Schools and Staffing in the United States: Selected Data for Public and Private Schools, 1993–94* (NCES 95–191). More detailed results from the 1993–94 SASS are published in *Schools and Staffing in the United States: A Statistical Profile, 1993–94* (NCES 96–124). Data by state are available in *SASS by State—1993–94 Schools and Staffing Survey Selected State Results* (NCES 96–312). Further information about the sample may be obtained from *1993–94 Schools and Staffing Survey: Sample Design and Estimation* (NCES 96–086). Data from previous SASS collections are published in the 1987–88 and 1990–91 *Profile* reports (NCES 92–127 and 93–146, respectively), as well as the 1987–88 and 1990–91 versions of the sample design report (NCES 91–127 and 93–449, respectively).

For more information about this survey or to order reports, contact:

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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 41 nations at 5 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.

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 (CSTEETP) 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. To contact the TIMSS International Study Center:

Dr. Albert Beaton
TIMSS International Study Director
CSTEETP, Campion Hall 323
Boston College
Chestnut Hill, MA 02167

Office for Civil Rights

Civil Rights Survey of Elementary and Secondary Schools

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 is available from:

Peter McCabe
Office for Civil Rights
U.S. Department of Education
330 C Street SW
Washington, DC 20202

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 handicapped children. The annual report contains information on children served by the public schools under the provi-

sions 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 handicapped children receiving special education and related services on December 1st of each year.

Since each participant in programs for the handicapped 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 handicapping condition because EHA-B requires it. In those states that do categorize their handicapped 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

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 categories. 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 dis-

tricts. 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.

For further information about this study, contact:

Office of Special Education Programs
Office of Special Education and Rehabilitative Services
330 C Street SW
Washington, DC 20202

Other Governmental Agencies

U.S. 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 60,000 households. The monthly Current Population Survey (CPS) sample consists of 729 areas comprising 1,973 counties, 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 the 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 is available in the Current Population Reports, Series P-20, or by contacting:

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

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 1997 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 1997 basic CPS, the nonresponse rate was 6.3 percent and for the school enrollment supplement the nonresponse rate was an additional 4.7 percent for a total supplement nonresponse rate of 10.7 percent. Examples of sampling variability in the estimates of school enrollment rates are given in table A6. Further information on the CPS survey may be obtained from:

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

Questions concerning the CPS "School Enrollment" survey may be directed to:

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

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 U.S. Bureau of the Census using March CPS results. The latest report is *Educational Attainment in the United States, March 1994 and 1993*, Series P-20, No. 476, which is available from the Government Printing Office.

In addition to the general constraints of the 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 1997 basic CPS, the nonresponse rate was 7.2 percent and for the supplement the nonresponse rate was an additional 9.2 percent for a total supplement nonresponse rate of 15.7 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 pre-

sented 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>

Questions concerning "Educational Attainment in the United States" may be directed to:

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

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 *Governmental 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 com-

plete census had been conducted under the same conditions as the sample.

Further information can be obtained from:

Governments Division
Bureau of the Census
U.S. Department of Commerce
Washington, DC 20233

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 1-in-6 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 can be obtained from:

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

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 Life-

styles 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. Approximately 125 to 135 schools have participated each year. With the exception of 1975 when about 9,400 students participated in the survey, the annual senior samples are comprised of roughly 17,000 students. 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 15,000 students in 125 schools each year, while the 8th-grade samples have approximately 18,000 students in 160 schools. 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 on this survey may be obtained from:

National Institute of Drug Abuse
Division of Epidemiology and Statistical Analysis
5600 Fishers Lane
Rockville, MD 20857

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 United States 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 approximately 40,000 persons eligible for the survey, approximately 95 percent respond. 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.

For further information contact:

Science and Engineering Education and Human Resources Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230

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 this survey may be obtained from Federal Support to Universities, Colleges, and Nonprofit Institutions, published by the National Science Foundation, or by contacting:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230

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 459 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 459 institutions sampled for FY 1991 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 assembled from the most recently completed survey and represent the latest totals available.

Further information on this survey may be obtained from *Academic Science/Engineering, R&D Funds*, published by the National Science Foundation, or by contacting:

Science and Engineering Activities Program
Division of Science Resources Studies
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230

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.

For further information, contact:

The American College Testing Program
2201 North Dodge Street
P.O. Box 168
Iowa City, IA 52243

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 this survey can be obtained from:

American Federation of Teachers
555 New Jersey Avenue NW
Washington, DC 20001

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

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 1991–92 study, survey forms were sent to approximately 2,900 colleges and universities and 1,280 responded. The response rates were much higher for the 4-year colleges than for the 2-year colleges. For example, 89 percent of the doctoral-level institutions and 55 percent of the comprehensive and general baccalaureate colleges participated in the survey, but only 12 percent of the 2-year colleges responded. CFAE estimates that about 84 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 "Financial Statistics of Institutions of Higher Education" 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 is available from:

Director of Research
Council for Aid to Education, Inc.
51 Madison Avenue
Suite 2200
New York, NY 10010

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 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, 1993* is the principal report of the Assessment Center's program of indicators on education. Most of the data are obtained from a member questionnaire; the remainder of the data are obtained from federal government agencies. Information on mathematics education was taken from *CCSSO, State Policies on Science and Mathematics Evaluation, 1992*.

For additional information, contact:

Edward Roeber
State Education Assessment Center
Council of Chief State School Officers
One Massachusetts Avenue NW
7th Floor
Washington, DC 20001

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 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 is available from:

Shawni Arora
Education Commission of the States
707 17th Street, Suite 2700
Denver, CO 80202-3427

Gallup Poll

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 27th annual survey was made up of a total of 1,311 respondents and is described as a modified probability sample of the nation. Personal, in-home interviewing was conducted in representative communities.

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 has 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 this survey can be obtained from:

Neville Robertson
Phi Delta Kappa
P.O. Box 789
Bloomington, IN 47402-0789

Independent Sector

The Independent Sector has 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 that will be conducted every 2 years. The 1991 information was obtained from in-home personal interviews conducted from April 3 to May 17, 1992, with a representative national sample of 2,671 adult Americans 18 or more years old. The sampling procedure did not include those with incomes above \$200,000 because they constitute such a small percentage of the population.

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

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 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 two sessions totaling 75 minutes at the 9-year-old level and two 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.

For more information, contact:

Marilyn Binkley, NRC USA
National Center for Education Statistics
555 New Jersey Avenue NW
Washington, DC 20208-5650

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 1994–95 survey, 2,684 out of 2,758 (97.3 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

Metropolitan Life Insurance Company

The Metropolitan Life Survey of the American Teacher for the Metropolitan Life Insurance Company was conducted by Louis Harris and Associates. This survey was designed to measure the experiences of new public school teachers who began their first year of teaching in the 1990–91 school year. It includes questions on their experiences with students, administrators, other teachers, and parents. There were three surveys of this cohort of new teachers. The first survey was conducted during the summer of 1990 to measure the expectations of new graduates from teaching schools immediately prior to their first year of teaching in public schools. The second survey compared how these new teachers' experiences in their first year of teaching affected their attitudes, and how the actual experience of teaching compared with their prior expectations. The current survey focuses on these teachers' experience two years into their teaching career. It includes questions which allow comparisons on their attitudes toward teaching now versus one and two years ago.

A total of 1,000 teachers who began their first year of teaching in the public schools in the 1990–91 school year were surveyed. The sample was designed to be representative of all new teachers in the public schools who graduated from teaching colleges in 1990 and taught for the first time in a public school in the 1990–91 school year.

The sample was drawn from lists of 1990 graduates from a probability sample of colleges listed by the *American Association of Colleges for Teacher Education*. Graduates who did not teach full time in public schools in 1990–91 were excluded from the sample.

The priority for fielding the sample was as follows: first, any respondents from the second phase of the study (after the first year of teaching); second, any respondents from the first phase (before teaching) who were not also included in the second phase; finally, any remaining teachers from the original sample group who were not used in the first phase.

All interviews were conducted by telephone in May and June 1992.

For more information contact:

Metropolitan Life Survey of the American Teacher
Louis Harris and Associates
111 Fifth Avenue
New York, NY 10003

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 *26th Annual Survey Report: 1994–95 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.

For more information on this survey, contact:

Charles Treadwell
New York State Higher Education Services Corporation
99 Washington Avenue, Room 1438
Albany, NY 12255
Attention: NASSGAP

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 2,400,000 public school teachers. With an initial and four follow-up 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.

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 procedure 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 (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 + 2.8 percent).

Questions concerning the "Status of the American Public School Teacher" survey may be directed to:

Brooke E. Whiting
National Education Association—Research
1201 16th Street NW
Washington, DC 20036

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 more than 20 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, Tur-

key, 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 series is *Education at a Glance, OECD Indicators, 1998*.

More complete information on INES may be obtained from:

Andreas Schleicher
INES/OECD
2, rue Andre-Pascal
75775 Paris CEDEX 16
France

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 the HEPI.

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

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.

For more information, contact:

Research Associates
Kent Halstead
1200 North Nash St.,
#225
Arlington, VA 22209

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 (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.

More complete information may be obtained from the *Statistical Yearbook* published by UNESCO or from:

Office of Statistics
UNESCO
7, Place de Fontenoy
75700 Paris
France

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

Classification variable and subgroup	Follow-up survey of 1980 sophomores in 1982	Follow-up survey of 1980 seniors in 1982	Follow-up survey of 1980 sophomores in 1984	Follow-up survey of 1980 seniors in 1984	Follow-up survey of 1980 sophomores in 1986	Follow-up 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

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.

—Data not available or not applicable.

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	Follow-up survey of 1980 sophomores in 1984	Follow-up survey of 1980 seniors in 1984	Follow-up survey of 1980 sophomores in 1986	Follow-up 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)				
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.

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 follow-up (1982) survey is 3.59(1.89) and the average design effect for the 1980 senior first follow-up (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 follow-up, 1990	Second follow-up, 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)			
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	—	1,043	2,725
Missing	—	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

—Not 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 follow-up, 1990		Second follow-up, 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)						
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

—Data not available.

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

¹ Includes 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 independ-

ent 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 that 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 postbaccalaureate 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.

Non-degree-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 including 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 including 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-Altaic 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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