

## 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, religious organizations, 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 13 percent between 1977 and 1987. Between 1987 and 1997, enrollment increased at about the same rate, from 12.8 million to 14.3 million. There was a slight decline in enrollment from 1992 to 1995, but it was overshadowed by large increases in the late 1980s. Much of this growth was in female enrollment (table 175). Between 1987 and 1997, the number of men enrolled rose 7 percent, while the number of women

increased by 17 percent. Part-time enrollment rose by 9 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 398,000 students attended non degree-granting, Title IV eligible,\* postsecondary institutions in fall 1997 (table 173).

The number of older students had been growing more rapidly than the number of younger students, but this pattern is beginning to change. Between 1990 and 1997, 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 1997 to 2000, NCES projects a rise of 6 percent in enrollments of persons under 25 and an increase of 3 percent in the number 25 and over (table 177).

Enrollment trends have differed at the undergraduate, graduate, and first-professional levels. Undergraduate enrollment generally increased during the 1970s, but dipped slightly between 1983 and 1985. From 1985 to 1992, undergraduate enrollment increased each year, rising 18 percent before declining slightly and stabilizing between 1993 and 1997 (table 190). Graduate enrollment had been steady at about 1.3 million in the late 1970s and early 1980s, but rose about 27 percent between 1985 and 1997 (table 191). After rising very rapidly during the 1970s, enrollment in first-professional programs stabilized in the 1980s. There was an 8 percent increase in first-professional enrollment between 1985 and 1997 (table 192).

Since 1984, the number of women in graduate schools has exceeded the number of men. Between 1987 and 1997, the number of male full-time graduate students increased by 22 percent, compared to 68 percent for full-time women. Among part-time graduate students, the number of men decreased by 1 percent compared to a 15 percent increase for women (table 191).

The proportion of American students in higher education who are minorities has been increasing. In 1976, 16 percent were minorities, compared with 27 percent in 1997. Much of the change can be attrib-

\* Title IV programs, which are administered by the U.S. Department of Education, provide financial aid to postsecondary students.

uted 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 9 percent during that time period. The proportion of black students fluctuated during most of the early part of the period, before rising slightly to 11 percent in 1997. These percentages exclude foreign students enrolled in U.S. colleges and universities (table 209).

Despite the sizable numbers of small degree-granting colleges, most students attend the larger colleges and universities. In fall 1997, 40 percent of institutions had fewer than 1,000 students; however, these campuses enrolled 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 218).

### 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 non-teaching 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 226).

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 non-teaching professionals, and 34 percent were nonprofessional staff (table 228).

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 228).

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 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 232 and 233).

The proportion of time that full-time faculty spent teaching averaged 55 percent in 1992. For the re-

maining 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 non-teaching activities, 7 percent (table 232).

About 13 percent of U.S. faculty in colleges and universities were minorities in 1995 (based on a total excluding nonresident aliens and persons whose race/ethnicity was unknown). 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 (53 percent) were white males, 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 non-professional staff. The proportion of minority staff was about the same at public and private 4-year institutions, with both types of institutions having 20 percent minority staff (table 227).

The age distribution of full-time faculty was concentrated in the middle age brackets in 1992. Faculty under the age of thirty composed one 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 235).

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 1997–98, there was a slight increase in average faculty salaries, reaching approximately the same level as 1972–73. Average salaries for men in 1997–98 (\$56,115) were considerably higher than the average for women (\$45,775), but women's salaries have increased at a slightly faster rate since 1990–91 (table 240).

The proportion of faculty with tenure has remained relatively stable in recent years. About 65 percent of full-time faculty had tenure in 1997–98, 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 1997–98. About 67 percent of the faculty at public institutions had tenure, compared with 59 percent of faculty at private institutions (table 245).

### Degrees

During the 1997–98 academic year, 4,064 accredited institutions offered degrees at the associate degree level or above. These included 2,309 4-year colleges and universities, and 1,755 2-year colleges (table 247). Institutions awarding various higher education degrees in 1996–97 numbered 2,470 for associate degrees, 1,868 for bachelor's degrees, 1,391

for master's degrees, and 504 for doctor's degrees (table 262).

More people are completing college. Between 1986–87 and 1996–97, the number of associate, bachelor's, master's, and doctor's degrees rose. Associate degrees increased 31 percent, bachelor's degrees increased 18 percent, master's degrees increased 45 percent, and doctor's degrees increased 35 percent during this period. The number of first-professional degrees was 10 percent higher in 1996–97 than it was in 1986–87. The number of first-professional degrees declined in the mid 1980s before increasing in the first half of the 1990s (table 249).

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 1986–87 and 1996–97, the number of bachelor's degrees awarded to men increased by 8 percent, while those awarded to women rose by 28 percent (table 249).

Of the 1,173,000 bachelor's degrees conferred in 1996–97, the largest numbers of degrees were conferred in the fields of business (227,000), social sciences (125,000), and education (105,000) (table 255). At the master's degree level, the largest fields were education (110,000) and business (98,000) (table 256). The largest fields at the doctor's degree level were education (6,800), engineering (6,200), biological and life sciences (4,800) and physical sciences (4,500) (table 257).

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 16 percent between 1986–87 and 1991–92, and then posted a further 3 percent decline between 1991–92 and 1996–97. Computer and information sciences grew rapidly during the 1970s and mid 1980s, but dropped 37 percent between 1986–87 and 1996–97 (table 255). Other technical fields have been driven upwards in recent years, in part by increasing numbers of female graduates. For example, biological science degrees increased 13 percent between 1986–87 and 1991–92, and then rose 49 percent between 1991–92 and 1996–97. During the later period, the number of male graduates grew 42 percent, while the number of female graduates grew 56 percent (table 281). After declining by 20 percent between 1986–87 and 1991–92, the number of male

graduates in the physical sciences rose 7 percent between 1991–92 and 1996–97. The number of female graduates in the physical sciences fell by 3 percent in the first period and rose by 32 percent in the second half (table 296). Although the number of male graduates in agriculture and natural resources grew by 40 percent between 1991–92 and 1996–97, the number of female graduates grew 68 percent (table 281).

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 315).

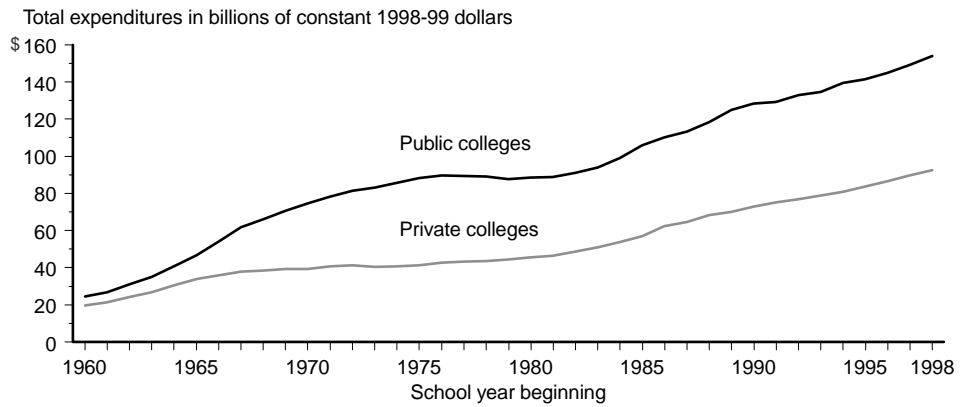
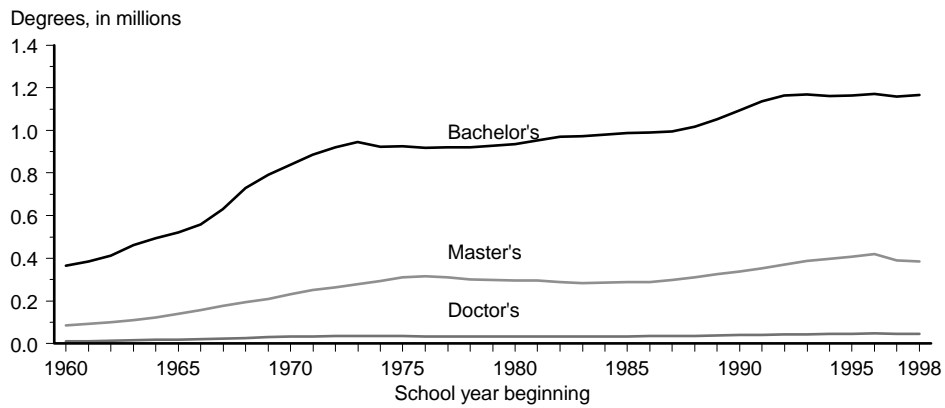
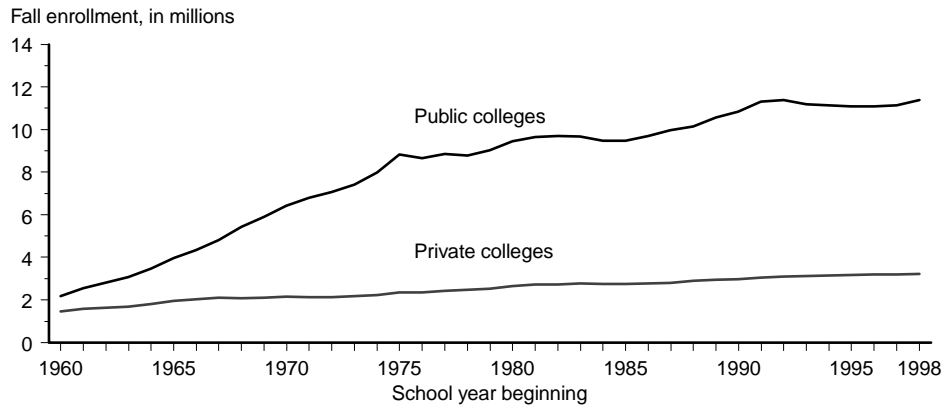
## Finances

For the 1998–99 academic year, annual prices for undergraduate tuition, room, and board were estimated to be \$7,093 at public colleges and \$19,410 at private colleges. Between 1988–89 and 1998–99, prices at public colleges have risen by 22 percent, and prices at private colleges have increased by 28 percent, after adjustment for inflation (tables 38 and 317).

Trend data show increases in the expenditures per student at institutions of higher education through the late 1980s and further increases after 1991–92. 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 342).

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 (table 349). At private universities during the same period, scholarships and fellowships costs per student rose 67 percent, and the instruction costs rose by 32 percent (table 352). 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 349 and 350).

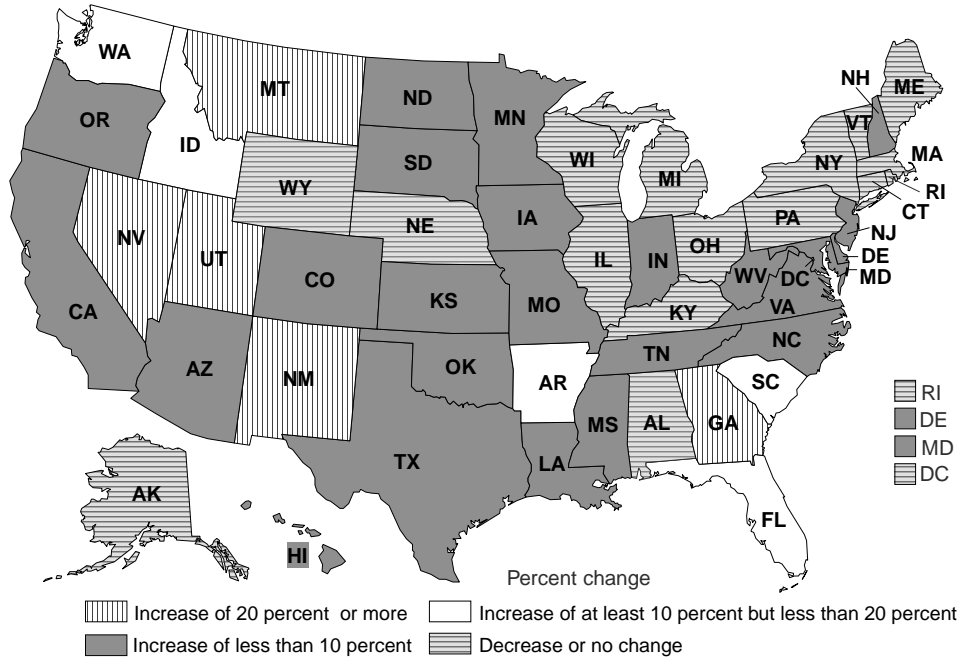
**Figure 13.-Enrollment, degrees conferred, and expenditures in institutions of higher education: 1960-61 to 1998-99**



NOTE.-Degree and finance data for 1997-98 and 1998-99 and enrollment data for fall 1998 are estimated.

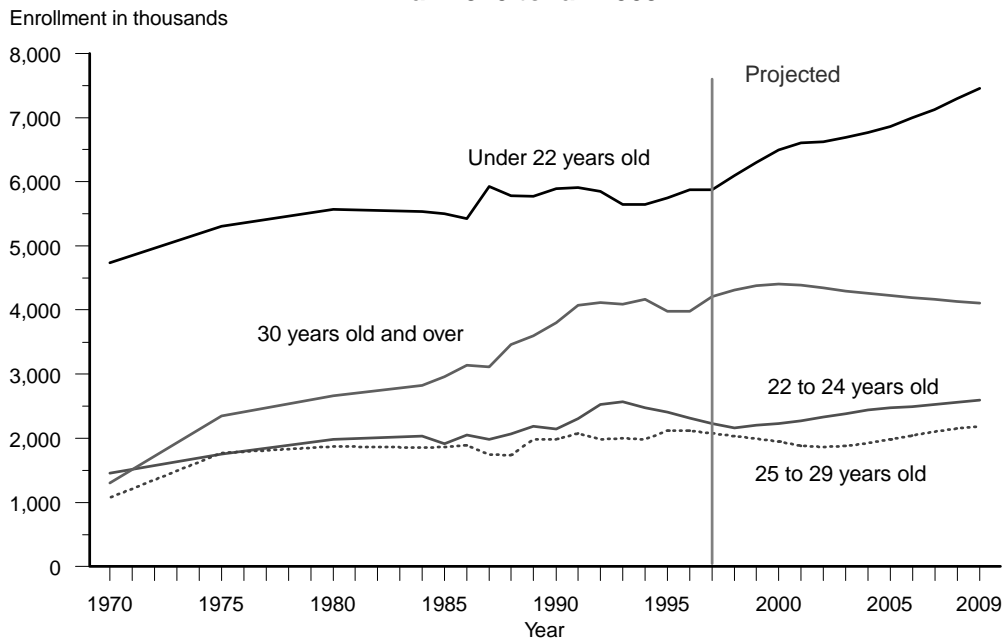
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education," "Degrees and Other Formal Awards Conferred," and "Financial Statistics of Institutions of Higher Education" surveys; 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 1997**



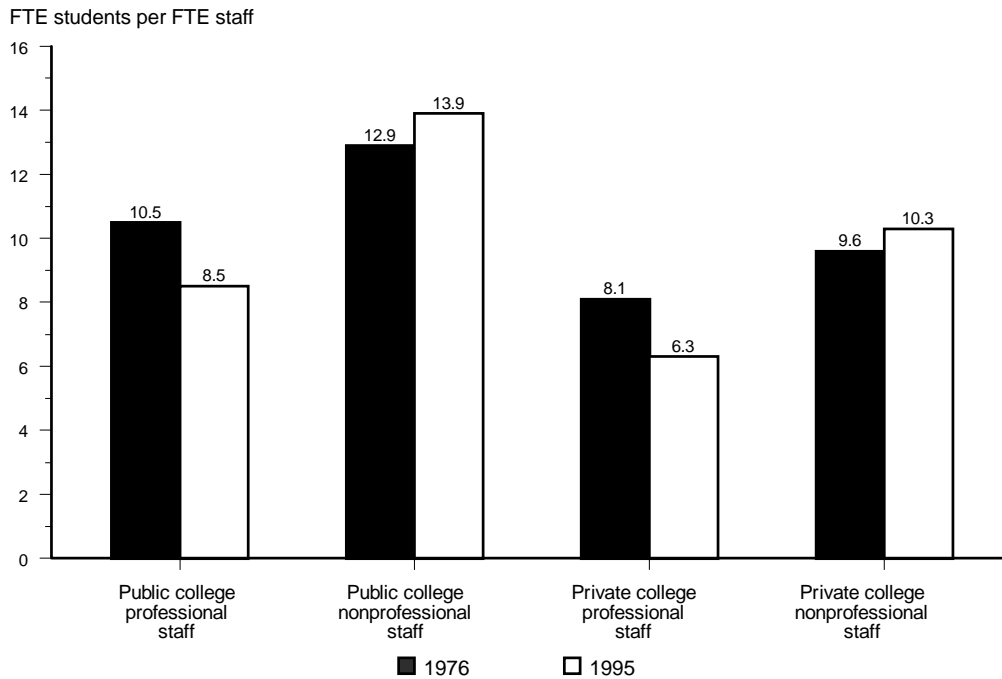
SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys.

**Figure 15.—Enrollment in institutions of higher education, by age: Fall 1970 to fall 2009**



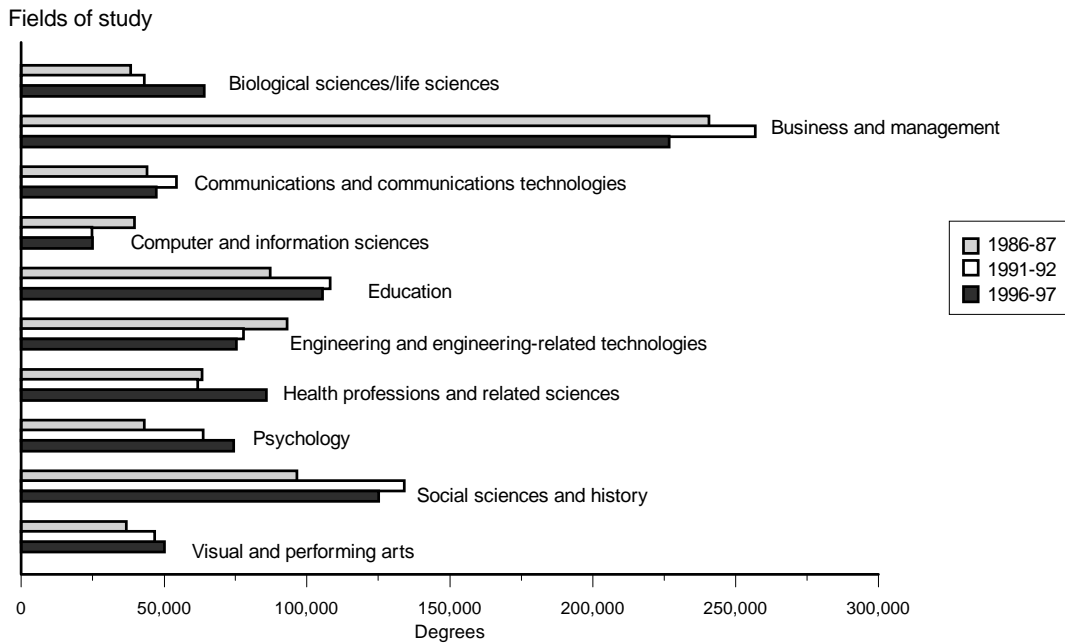
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Fall Enrollment in Institutions of Higher Education" surveys; Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys; *Projections of Education Statistics to 2009*; 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**



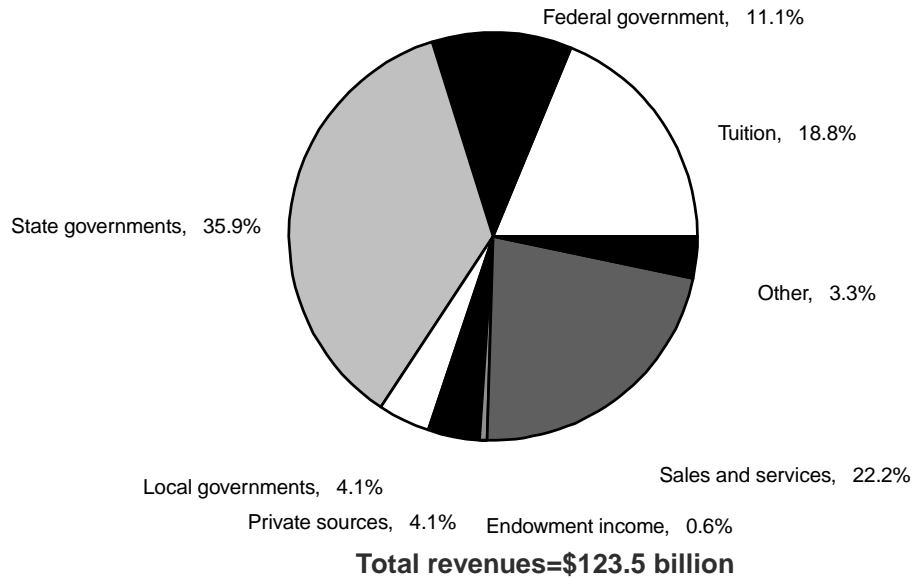
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Staff" and "Fall Enrollment in Higher Education" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Staff" and "Fall Enrollment" surveys.

**Figure 17.-Trends in bachelor's degrees conferred in selected fields of study: 1986-87, 1991-92, and 1996-97**



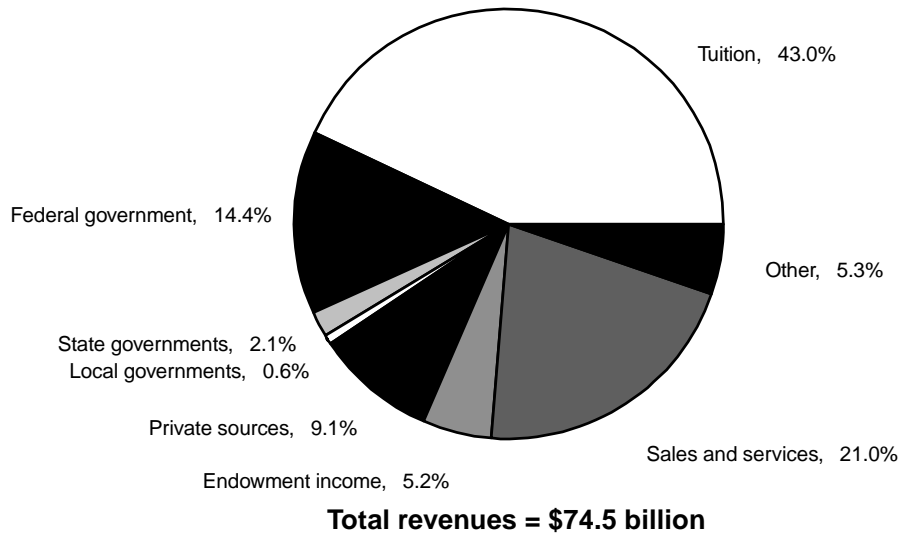
SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal Awards Conferred" survey, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys.

**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 173.—Enrollment and staff in, and degrees conferred by, degree-granting and non-degree-granting Title IV eligible institutions: Fall 1997 and 1995 and 1996–97**

Level of institution, type of degree, and sex of student	All post-secondary <sup>1</sup>	2-year and 4-year degree-granting institutions <sup>2</sup>					Non-degree-granting institutions <sup>3</sup>				
		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 1997											
Total .....	14,900,416	14,502,334	11,196,119	3,306,215	2,977,614	328,601	398,082	174,636	223,446	34,492	188,954
4-year institutions .....	8,898,653	8,896,765	5,835,433	3,061,332	2,905,820	155,512	1,888	84	1,804	1,386	418
Men .....	4,006,810	4,006,317	2,638,168	1,368,149	1,282,876	85,273	493	37	456	336	120
Women .....	4,891,843	4,890,448	3,197,265	1,693,183	1,622,944	70,239	1,395	47	1,348	1,050	298
2-year institutions .....	5,751,851	5,605,569	5,360,686	244,883	71,794	173,089	146,282	96,612	49,670	12,965	36,705
Men .....	2,453,763	2,389,711	2,286,019	103,692	29,542	74,150	64,052	47,008	17,044	3,516	13,528
Women .....	3,298,088	3,215,858	3,074,667	141,191	42,252	98,939	82,230	49,604	32,626	9,449	23,177
Less than 2-year .....	249,912	—	—	—	—	—	249,912	77,940	171,972	20,141	151,831
Men .....	83,294	—	—	—	—	—	83,294	36,355	46,939	8,353	38,586
Women .....	166,618	—	—	—	—	—	166,618	41,585	125,033	11,788	113,245
Staff, fall 1995 <sup>4</sup>											
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, 1996–97											
Less than 1-year awards and											
1- to 4-year awards .....	598,924	249,212	191,054	58,158	13,614	44,544	349,712	135,633	214,079	21,946	192,133
4-year institutions .....	24,082	23,457	11,708	11,749	8,751	2,998	625	23	602	602	—
Men .....	10,714	10,584	5,556	5,028	3,504	1,524	130	5	125	125	—
Women .....	13,368	12,873	6,152	6,721	5,247	1,474	495	18	477	477	—
2-year institutions .....	330,245	225,755	179,346	46,409	4,863	41,546	104,490	71,229	33,261	7,063	26,198
Men .....	140,202	95,467	78,353	17,114	2,036	15,078	44,735	33,711	11,024	1,980	9,044
Women .....	190,043	130,288	100,993	29,295	2,827	26,468	59,755	37,518	22,237	5,083	17,154
Less than 2-year .....	244,597	—	—	—	—	—	244,597	64,381	180,216	14,281	165,935
Men .....	84,484	—	—	—	—	—	84,484	30,210	54,274	6,061	48,213
Women .....	160,113	—	—	—	—	—	160,113	34,171	125,942	8,220	117,722
Associate .....	572,936	571,226	465,494	105,732	49,168	56,564	1,710	16	1,694	517	1,177
4-year .....	82,123	81,912	37,042	44,870	31,377	13,493	211	—	211	211	—
Men .....	34,744	34,665	14,921	19,744	11,431	8,313	79	—	79	79	—
Women .....	47,379	47,247	22,121	25,126	19,946	5,180	132	—	132	132	—
2-year .....	490,813	489,314	428,452	60,862	17,791	43,071	1,499	16	1,483	306	1,177
Men .....	189,992	189,283	163,785	25,498	6,797	18,701	709	16	693	166	527
Women .....	300,821	300,031	264,667	35,364	10,994	24,370	790	—	790	140	650
Less than 2-year .....	—	—	—	—	—	—	—	—	—	—	—
Men .....	—	—	—	—	—	—	—	—	—	—	—
Women .....	—	—	—	—	—	—	—	—	—	—	—
Bachelor's .....	1,173,697	1,172,879	776,677	396,202	384,086	12,116	818	3	815	815	—
Men .....	520,926	520,515	348,325	172,190	165,342	6,848	411	2	409	409	—
Women .....	652,771	652,364	428,352	224,012	218,744	5,268	407	1	406	406	—
Master's .....	419,625	419,401	233,237	186,164	181,104	5,060	224	—	224	181	43
Men .....	181,062	180,947	97,830	83,117	80,466	2,651	115	—	115	101	14
Women .....	238,563	238,454	135,407	103,047	100,638	2,409	109	—	109	80	29
Doctor's .....	45,953	45,876	29,838	16,038	15,694	344	77	—	77	14	63
Men .....	27,191	27,146	17,745	9,401	9,254	147	45	—	45	13	32
Women .....	18,762	18,730	12,093	6,637	6,440	197	32	—	32	1	31
First-professional .....	78,792	78,730	31,243	47,487	47,029	458	62	—	62	62	—
Men .....	45,617	45,564	17,216	28,348	28,090	258	53	—	53	53	—
Women .....	33,175	33,166	14,027	19,139	18,939	200	9	—	9	9	—

<sup>1</sup> Includes non-degree-granting institutions with non-accredited degree programs.

<sup>2</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>3</sup> Preliminary data are for institutions that did not offer accredited 4-year or 2-year degree programs, but were eligible to participate in Title IV federal financial aid programs. Includes some schools with non-accredited degree programs.

<sup>4</sup> Staff data for degree-granting institutions are for institutions of higher education. Data for 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 October 1999.)



**Table 174.—Historical summary of faculty, students, degrees, and finances in institutions of higher education: 1869–70 to 1996–97**

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	1995–96	1996–97
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total institutions</b> <sup>1</sup>	<b>563</b>	<b>811</b>	<b>998</b>	<b>977</b>	<b>951</b>	<b>1,041</b>	<b>1,409</b>	<b>1,708</b>	<b>1,851</b>	<b>2,004</b>	<b>2,525</b>	<b>3,152</b>	<b>3,535</b>	<b>3,706</b>	<b>4,009</b>
Total faculty <sup>2</sup>	<sup>3</sup> 5,553	<sup>3</sup> 11,522	<sup>3</sup> 15,809	23,868	36,480	48,615	82,386	146,929	246,722	380,554	<sup>4</sup> 450,000	<sup>4</sup> 675,000	<sup>5</sup> 824,220	<sup>5</sup> 931,706	—
Men	<sup>3</sup> 4,887	<sup>3</sup> 7,328	<sup>3</sup> 12,704	19,151	29,132	35,807	60,017	106,328	186,189	296,773	<sup>4</sup> 346,000	<sup>4</sup> 479,000	<sup>5</sup> 577,298	<sup>5</sup> 662,893	—
Women	<sup>3</sup> 666	<sup>3</sup> 4,194	<sup>3</sup> 3,105	4,717	7,348	12,808	22,369	40,601	60,533	83,781	<sup>4</sup> 104,000	<sup>4</sup> 196,000	<sup>5</sup> 246,922	<sup>5</sup> 368,813	—
Total fall enrollment <sup>6</sup>	<sup>3</sup> 52,286	<sup>3</sup> 115,817	<sup>3</sup> 156,756	237,592	<sup>3</sup> 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	14,261,781	14,367,520
Men	<sup>3</sup> 41,160	<sup>3</sup> 77,972	<sup>3</sup> 100,453	152,254	<sup>3</sup> 214,648	314,938	619,935	893,250	1,853,068	2,332,617	4,746,201	5,682,877	6,190,015	6,342,539	6,352,825
Women	<sup>3</sup> 11,126	<sup>3</sup> 37,845	<sup>3</sup> 56,303	85,338	<sup>3</sup> 140,565	282,942	480,802	600,953	805,953	1,307,230	3,258,459	5,887,022	7,348,545	7,919,242	8,014,695
Earned degrees conferred															
Associate, total	—	—	—	—	—	—	—	—	—	—	206,023	400,910	455,102	<sup>7</sup> 555,216	<sup>7</sup> 571,226
Men	—	—	—	—	—	—	—	—	—	—	117,432	183,737	191,195	<sup>7</sup> 219,514	<sup>7</sup> 223,948
Women	—	—	—	—	—	—	—	—	—	—	88,591	217,173	263,907	<sup>7</sup> 335,702	<sup>7</sup> 347,278
Bachelor's, total <sup>8</sup>	9,371	12,896	15,539	27,410	37,199	48,622	122,484	186,500	432,058	392,440	792,316	929,417	1,051,344	<sup>7</sup> 1,164,792	<sup>7</sup> 1,172,879
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	<sup>7</sup> 522,454	<sup>7</sup> 520,515
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	<sup>7</sup> 642,338	<sup>7</sup> 652,364
Master's, total <sup>9</sup>	0	879	1,015	1,583	2,113	4,279	14,969	26,731	58,183	74,435	208,291	298,081	324,301	<sup>7</sup> 406,301	<sup>7</sup> 419,401
Men	0	868	821	1,280	1,555	2,985	8,925	16,508	41,220	50,898	125,624	150,749	153,653	<sup>7</sup> 179,081	<sup>7</sup> 180,947
Women	0	11	194	303	558	1,294	6,044	10,223	16,963	23,537	82,667	147,332	170,648	<sup>7</sup> 227,220	<sup>7</sup> 238,454
First-professional, total <sup>8</sup>	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	34,918	70,131	70,988	<sup>7</sup> 76,734	<sup>7</sup> 78,730
Men	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	33,077	52,716	43,961	<sup>7</sup> 44,748	<sup>7</sup> 45,564
Women	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	1,841	17,415	27,027	<sup>7</sup> 31,986	<sup>7</sup> 33,166
Doctor's, total	1	54	149	382	443	615	2,299	3,290	6,420	9,829	29,866	32,615	38,371	<sup>7</sup> 44,652	<sup>7</sup> 45,876
Men	1	51	147	359	399	522	1,946	2,861	5,804	8,801	25,890	22,943	24,401	<sup>7</sup> 26,841	<sup>7</sup> 27,146
Women	0	3	2	23	44	93	353	429	616	1,028	3,976	9,672	13,970	<sup>7</sup> 17,811	<sup>7</sup> 18,730
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	<sup>7</sup> \$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	<sup>7</sup> 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	<sup>7</sup> 151,445,605	—
Value of physical property	—	—	95,426	253,599	457,594	747,333	2,065,049	<sup>10</sup> 2,753,780	4,799,964	13,548,548	42,093,580	83,733,387	164,635,000	<sup>7</sup> 220,400,104	—
Market value of endowment funds	—	—	<sup>11</sup> 78,788	<sup>11</sup> 194,998	<sup>11</sup> 323,661	<sup>11</sup> 569,071	<sup>11</sup> 1,372,068	<sup>11</sup> 1,686,283	<sup>11</sup> 2,601,223	<sup>11</sup> 5,322,080	<sup>11</sup> 12,206,632	<sup>11</sup> 20,743,045	<sup>11</sup> 67,978,726	<sup>11</sup> 128,837,030	—

<sup>1</sup> Prior to 1979–80, excludes branch campuses. In 1996–97, includes degree-granting institutions.  
<sup>2</sup> Total number of different individuals (not reduced to full-time equivalent). Beginning in 1959–60, data are for the first term of the academic year. Beginning in 1969–70, data include only instructional faculty with the rank of instructor or above.  
<sup>3</sup> Estimated.  
<sup>4</sup> Estimated number of senior instructional staff. Excludes graduate assistants.  
<sup>5</sup> Because of revised survey procedures, data may not be directly comparable with figures prior to 1989–90.  
<sup>6</sup> Data for 1869–70 to 1949–50 are for resident degree-credit students who enrolled at any time during the academic year. In 1996–97, includes degree-granting institutions.  
<sup>7</sup> Data for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.  
<sup>8</sup> From 1869–70 to 1959–60, first-professional degrees included under bachelor's degrees.

<sup>9</sup> Figures for years prior to 1969–70 are not precisely comparable with later data.  
<sup>10</sup> Includes unexpended plant funds.  
<sup>11</sup> 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 October 1999.)

**Table 175.—Total fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1947 to 1997**

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 <sup>1</sup>	2,338,226	—	—	1,659,249	678,977	1,152,377	1,185,849	—	—
1948 <sup>1</sup>	2,403,396	—	—	1,709,367	694,029	1,185,588	1,217,808	—	—
1949 <sup>1</sup>	2,444,900	—	—	1,721,572	723,328	1,207,151	1,237,749	—	—
1950 <sup>1</sup>	2,281,298	—	—	1,560,392	720,906	1,139,699	1,141,599	—	—
1951 <sup>1</sup>	2,101,962	—	—	1,390,740	711,222	1,037,938	1,064,024	—	—
1952 <sup>1</sup>	2,134,242	—	—	1,380,357	753,885	1,101,240	1,033,002	—	—
1953 <sup>1</sup>	2,231,054	—	—	1,422,598	808,456	1,185,876	1,045,178	—	—
1954 <sup>1</sup>	2,446,693	—	—	1,563,382	883,311	1,353,531	1,093,162	—	—
1955 <sup>1</sup>	2,653,034	—	—	1,733,184	919,850	1,476,282	1,176,752	—	—
1956 <sup>1</sup>	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	<sup>2</sup> 1,218,831	2,332,617	1,307,230	2,180,982	1,458,865	—	—
1961	4,145,065	2,785,133	<sup>2</sup> 1,359,932	2,585,821	1,559,244	2,561,447	1,583,618	—	—
1963	4,779,609	3,183,833	<sup>2</sup> 1,595,776	2,961,540	1,818,069	3,081,279	1,698,330	—	—
1964	5,280,020	3,573,238	<sup>2</sup> 1,706,782	3,248,713	2,031,307	3,467,708	1,812,312	—	—
1965	5,920,864	4,095,728	<sup>2</sup> 1,825,136	3,630,020	2,290,844	3,969,596	1,951,268	—	—
1966	6,389,872	4,438,606	<sup>2</sup> 1,951,266	3,856,216	2,533,656	4,348,917	2,040,955	—	—
1967	6,911,748	4,793,128	<sup>2</sup> 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	<sup>3</sup> 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	<sup>3</sup> 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	<sup>3</sup> 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	<sup>4</sup> 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	<sup>4</sup> 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	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
1997	14,345,416	8,322,362	6,023,054	6,329,960	8,015,456	11,146,155	3,199,261	2,961,714	237,547
Degree-granting institutions <sup>5</sup>									
1996	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
1997	14,502,334	8,438,062	6,064,272	6,396,028	8,106,306	11,196,119	3,306,215	2,977,614	328,601

<sup>1</sup> Degree-credit enrollment only.  
<sup>2</sup> Includes part-time resident students and all extension students.  
<sup>3</sup> Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.  
<sup>4</sup> Because of imputation techniques, data are not consistent with figures for other years.  
<sup>5</sup> 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 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 July 1999.)

**Table 176.—Total fall enrollment in institutions of higher education and degree-granting institutions, by control and type of institution: 1965 to 1997**

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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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 <sup>1</sup>	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	2,099,525	2,880,487	4,056,810	2,533,077	2,373,221	2,470,057	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	<sup>2</sup> 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	1,740,267	<sup>2</sup> 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	<sup>3</sup> 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	<sup>3</sup> 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	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
1997	14,345,416	8,874,676	2,995,886	5,878,790	5,470,740	11,146,155	5,834,525	2,231,273	3,603,252	5,311,630	3,199,261	3,040,151	764,613	2,275,538	159,110
Degree-granting institutions <sup>4</sup>															
1996	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
1997	14,502,334	8,896,765	2,995,886	5,900,879	5,605,569	11,196,119	5,835,433	2,231,273	3,604,160	5,360,686	3,306,215	3,061,332	764,613	2,296,719	244,883

<sup>1</sup>Data for 2-year branch campuses of 4-year institutions are included with the 4-year institutions.

<sup>2</sup>Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

<sup>3</sup>Because of imputation techniques, data are not consistent with figures for other years.

<sup>4</sup>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 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 July 1999.)





**Table 179.—Total fall enrollment in degree-granting institutions, by type and control of institution, and age and attendance status of student: 1997**

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
<b>All students</b> .....	<b>14,502,334</b>	<b>8,896,765</b>	<b>5,605,569</b>	<b>11,196,119</b>	<b>5,835,433</b>	<b>5,360,686</b>	<b>3,306,215</b>	<b>3,061,332</b>	<b>244,883</b>
Under 18 .....	353,268	138,047	215,221	294,059	82,988	211,071	59,209	55,059	4,150
18 and 19 .....	2,968,640	1,869,739	1,098,901	2,277,450	1,235,466	1,041,984	691,190	634,273	56,917
20 and 21 .....	2,726,647	1,868,764	857,883	2,086,331	1,266,069	820,262	640,316	602,695	37,621
22 to 24 .....	2,304,819	1,581,792	723,027	1,836,038	1,147,656	688,382	468,781	434,136	34,645
25 to 29 .....	2,126,410	1,343,961	782,449	1,625,437	879,500	745,937	500,973	464,461	36,512
30 to 34 .....	1,208,253	675,868	532,385	926,926	415,131	511,795	281,327	260,737	20,590
35 to 39 .....	936,204	486,654	449,550	719,612	284,596	435,016	216,592	202,058	14,534
40 to 49 .....	1,228,921	642,424	586,497	954,086	382,058	572,028	274,835	260,366	14,469
50 to 64 .....	407,371	185,344	222,027	326,040	107,770	218,270	81,331	77,574	3,757
65 and over .....	79,412	18,684	60,728	72,341	11,851	60,490	7,071	6,833	238
Age unknown .....	162,389	85,488	76,901	77,799	22,348	55,451	84,590	63,140	21,450
<b>Full-time</b> .....	<b>8,438,062</b>	<b>6,342,891</b>	<b>2,095,171</b>	<b>6,055,786</b>	<b>4,164,759</b>	<b>1,891,027</b>	<b>2,382,276</b>	<b>2,178,132</b>	<b>204,144</b>
Under 18 .....	127,485	82,730	44,755	87,806	46,414	41,392	39,679	36,316	3,363
18 and 19 .....	2,551,664	1,793,193	758,471	1,878,584	1,174,583	704,001	673,080	618,610	54,470
20 and 21 .....	2,190,032	1,733,144	456,888	1,581,899	1,158,388	423,511	608,133	574,756	33,377
22 to 24 .....	1,494,599	1,232,299	262,300	1,120,638	887,187	233,451	373,961	345,112	28,849
25 to 29 .....	981,619	764,932	216,687	679,231	491,129	188,102	302,388	273,803	28,585
30 to 34 .....	408,490	290,673	117,817	278,458	175,784	102,674	130,032	114,889	15,143
35 to 39 .....	263,974	177,977	85,997	173,760	97,915	75,845	90,214	80,062	10,152
40 to 49 .....	282,149	187,734	94,415	187,441	102,666	84,775	94,708	85,068	9,640
50 to 64 .....	68,571	44,300	24,271	43,303	21,432	21,871	25,268	22,868	2,400
65 and over .....	6,226	3,524	2,702	3,775	1,215	2,560	2,451	2,309	142
Age unknown .....	63,253	32,385	30,868	20,891	8,046	12,845	42,362	24,339	18,023
<b>Part-time</b> .....	<b>6,064,272</b>	<b>2,553,874</b>	<b>3,510,398</b>	<b>5,140,333</b>	<b>1,670,674</b>	<b>3,469,659</b>	<b>923,939</b>	<b>883,200</b>	<b>40,739</b>
Under 18 .....	225,783	55,317	170,466	206,253	36,574	169,679	19,530	18,743	787
18 and 19 .....	416,976	76,546	340,430	398,866	60,883	337,983	18,110	15,663	2,447
20 and 21 .....	536,615	135,620	400,995	504,432	107,681	396,751	32,183	27,939	4,244
22 to 24 .....	810,220	349,493	460,727	715,400	260,469	454,931	94,820	89,024	5,796
25 to 29 .....	1,144,791	579,029	565,762	946,206	388,371	557,835	198,585	190,658	7,927
30 to 34 .....	799,763	385,195	414,568	648,468	239,347	409,121	151,295	145,848	5,447
35 to 39 .....	672,230	308,677	363,553	545,852	186,681	359,171	126,378	121,996	4,382
40 to 49 .....	946,772	454,690	492,082	766,645	279,392	487,253	180,127	175,298	4,829
50 to 64 .....	338,800	141,044	197,756	282,737	86,338	196,399	56,063	54,706	1,357
65 and over .....	73,186	15,160	58,026	68,566	10,636	57,930	4,620	4,524	96
Age unknown .....	99,136	53,103	46,033	56,908	14,302	42,606	42,228	38,801	3,427
Percentage distribution									
<b>All students</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	2.4	1.6	3.8	2.6	1.4	3.9	1.8	1.8	1.7
18 and 19 .....	20.5	21.0	19.6	20.3	21.2	19.4	20.9	20.7	23.2
20 and 21 .....	18.8	21.0	15.3	18.6	21.7	15.3	19.4	19.7	15.4
22 to 24 .....	15.9	17.8	12.9	16.4	19.7	12.8	14.2	14.2	14.1
25 to 29 .....	14.7	15.1	14.0	14.5	15.1	13.9	15.2	15.2	14.9
30 to 34 .....	8.3	7.6	9.5	8.3	7.1	9.5	8.5	8.5	8.4
35 to 39 .....	6.5	5.5	8.0	6.4	4.9	8.1	6.6	6.6	5.9
40 to 49 .....	8.5	7.2	10.5	8.5	6.5	10.7	8.3	8.5	5.9
50 to 64 .....	2.8	2.1	4.0	2.9	1.8	4.1	2.5	2.5	1.5
65 and over .....	0.5	0.2	1.1	0.6	0.2	1.1	0.2	0.2	0.1
Age unknown .....	1.1	1.0	1.4	0.7	0.4	1.0	2.6	2.1	8.8
<b>Full-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	1.5	1.3	2.1	1.4	1.1	2.2	1.7	1.7	1.6
18 and 19 .....	30.2	28.3	36.2	31.0	28.2	37.2	28.3	28.4	26.7
20 and 21 .....	26.0	27.3	21.8	26.1	27.8	22.4	25.5	26.4	16.3
22 to 24 .....	17.7	19.4	12.5	18.5	21.3	12.3	15.7	15.8	14.1
25 to 29 .....	11.6	12.1	10.3	11.2	11.8	9.9	12.7	12.6	14.0
30 to 34 .....	4.8	4.6	5.6	4.6	4.2	5.4	5.5	5.3	7.4
35 to 39 .....	3.1	2.8	4.1	2.9	2.4	4.0	3.8	3.7	5.0
40 to 49 .....	3.3	3.0	4.5	3.1	2.5	4.5	4.0	3.9	4.7
50 to 64 .....	0.8	0.7	1.2	0.7	0.5	1.2	1.1	1.0	1.2
65 and over .....	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.2
Age unknown .....	0.7	0.5	1.5	0.3	0.2	0.7	1.8	1.1	8.8
<b>Part-time</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 18 .....	3.7	2.2	4.9	4.0	2.2	4.9	2.1	2.1	1.9
18 and 19 .....	6.9	3.0	9.7	7.8	3.6	9.7	2.0	1.8	6.0
20 and 21 .....	8.8	5.3	11.4	9.8	6.4	11.4	3.5	3.2	10.4
22 to 24 .....	13.4	13.7	13.1	13.9	15.6	13.1	10.3	10.1	14.2
25 to 29 .....	18.9	22.7	16.1	18.4	23.2	16.1	21.5	21.6	19.5
30 to 34 .....	13.2	15.1	11.8	12.6	14.3	11.8	16.4	16.5	13.4
35 to 39 .....	11.1	12.1	10.4	10.6	11.2	10.4	13.7	13.8	10.8
40 to 49 .....	15.6	17.8	14.0	14.9	16.7	14.0	19.5	19.8	11.9
50 to 64 .....	5.6	5.5	5.6	5.5	5.2	5.7	6.1	6.2	3.3
65 and over .....	1.2	0.6	1.7	1.3	0.6	1.7	0.5	0.5	0.2
Age unknown .....	1.6	2.1	1.3	1.1	0.9	1.2	4.6	4.4	8.4

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. 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, 1997" survey. (This table was prepared July 1999.)

**Table 180.—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: 1997**

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												
<b>Total</b> .....	<b>14,345,416</b>	<b>6,329,960</b>	<b>8,015,456</b>	<b>12,298,256</b>	<b>5,405,394</b>	<b>6,892,862</b>	<b>296,532</b>	<b>168,432</b>	<b>128,100</b>	<b>1,750,628</b>	<b>756,134</b>	<b>994,494</b>
Full-time .....	8,322,362	3,839,015	4,483,347	7,306,021	3,329,914	3,976,107	265,982	150,520	115,462	750,359	358,581	391,778
Part-time .....	6,023,054	2,490,945	3,532,109	4,992,235	2,075,480	2,916,755	30,550	17,912	12,638	1,000,269	397,553	602,716
Total 4-year .....	8,874,676	3,994,216	4,880,460	6,827,516	3,069,650	3,757,866	296,532	168,432	128,100	1,750,628	756,134	994,494
Full-time .....	6,326,650	2,950,083	3,376,567	5,310,309	2,440,982	2,869,327	265,982	150,520	115,462	750,359	358,581	391,778
Part-time .....	2,548,026	1,044,133	1,503,893	1,517,207	628,668	888,539	30,550	17,912	12,638	1,000,269	397,553	602,716
Total 2-year .....	5,470,740	2,335,744	3,134,996	5,470,740	2,335,744	3,134,996	—	—	—	—	—	—
Full-time .....	1,995,712	888,932	1,106,780	1,995,712	888,932	1,106,780	—	—	—	—	—	—
Part-time .....	3,475,028	1,446,812	2,028,216	3,475,028	1,446,812	2,028,216	—	—	—	—	—	—
Public, total .....	11,146,155	4,900,230	6,245,925	9,958,423	4,384,800	5,573,623	118,077	63,586	54,491	1,069,655	451,844	617,811
Full-time .....	6,035,300	2,782,653	3,252,647	5,475,928	2,506,885	2,969,043	113,094	60,969	52,125	446,278	214,799	231,479
Part-time .....	5,110,855	2,117,577	2,993,278	4,482,495	1,877,915	2,604,580	4,983	2,617	2,366	623,377	237,045	386,332
Public 4-year .....	5,834,525	2,637,775	3,196,750	4,646,793	2,122,345	2,524,448	118,077	63,586	54,491	1,069,655	451,844	617,811
Full-time .....	4,164,180	1,950,899	2,213,281	3,604,808	1,675,131	1,929,677	113,094	60,969	52,125	446,278	214,799	231,479
Part-time .....	1,670,345	686,876	983,469	1,041,985	447,214	594,771	4,983	2,617	2,366	623,377	237,045	386,332
Public 2-year .....	5,311,630	2,262,455	3,049,175	5,311,630	2,262,455	3,049,175	—	—	—	—	—	—
Full-time .....	1,871,120	831,754	1,039,366	1,871,120	831,754	1,039,366	—	—	—	—	—	—
Part-time .....	3,440,510	1,430,701	2,009,809	3,440,510	1,430,701	2,009,809	—	—	—	—	—	—
Private, total .....	3,199,261	1,429,730	1,769,531	2,339,833	1,020,594	1,319,239	178,455	104,846	73,609	680,973	304,290	376,683
Full-time .....	2,287,062	1,056,362	1,230,700	1,830,093	823,029	1,007,064	152,888	89,551	63,337	304,081	143,782	160,299
Part-time .....	912,199	373,368	538,831	509,740	197,565	312,175	25,567	15,295	10,272	376,892	160,508	216,384
Private 4-year .....	3,040,151	1,356,441	1,683,710	2,180,723	947,305	1,233,418	178,455	104,846	73,609	680,973	304,290	376,683
Full-time .....	2,162,470	999,184	1,163,286	1,705,501	765,851	939,650	152,888	89,551	63,337	304,081	143,782	160,299
Part-time .....	877,681	357,257	520,424	475,222	181,454	293,768	25,567	15,295	10,272	376,892	160,508	216,384
Private 2-year .....	159,110	73,289	85,821	159,110	73,289	85,821	—	—	—	—	—	—
Full-time .....	124,592	57,178	67,414	124,592	57,178	67,414	—	—	—	—	—	—
Part-time .....	34,518	16,111	18,407	34,518	16,111	18,407	—	—	—	—	—	—
Degree-granting institutions <sup>1</sup>												
<b>Total</b> .....	<b>14,502,334</b>	<b>6,396,028</b>	<b>8,106,306</b>	<b>12,450,587</b>	<b>5,468,532</b>	<b>6,982,055</b>	<b>298,258</b>	<b>169,627</b>	<b>128,631</b>	<b>1,753,489</b>	<b>757,869</b>	<b>995,620</b>
Full-time .....	8,438,062	3,890,442	4,547,620	7,418,598	3,379,597	4,039,001	267,218	151,325	115,893	752,246	359,520	392,726
Part-time .....	6,064,272	2,505,586	3,558,686	5,031,989	2,088,935	2,943,054	31,040	18,302	12,738	1,001,243	398,349	602,894
Total 4-year .....	8,896,765	4,006,317	4,890,448	6,845,018	3,078,821	3,766,197	298,258	169,627	128,631	1,753,489	757,869	995,620
Full-time .....	6,342,891	2,959,048	3,383,843	5,323,427	2,448,203	2,875,224	267,218	151,325	115,893	752,246	359,520	392,726
Part-time .....	2,553,874	1,047,269	1,506,605	1,521,591	630,618	890,973	31,040	18,302	12,738	1,001,243	398,349	602,894
Total 2-year .....	5,605,569	2,389,711	3,215,858	5,605,569	2,389,711	3,215,858	—	—	—	—	—	—
Full-time .....	2,095,171	931,394	1,163,777	2,095,171	931,394	1,163,777	—	—	—	—	—	—
Part-time .....	3,510,398	1,458,317	2,052,081	3,510,398	1,458,317	2,052,081	—	—	—	—	—	—
Public, total .....	11,196,119	4,924,187	6,271,932	10,007,479	4,408,364	5,599,115	118,249	63,667	54,582	1,070,391	452,156	618,235
Full-time .....	6,055,786	2,793,253	3,262,533	5,495,835	2,517,213	2,978,622	113,266	61,050	52,216	446,685	214,990	231,695
Part-time .....	5,140,333	2,130,934	3,009,399	4,511,644	1,891,151	2,620,493	4,983	2,617	2,366	623,706	237,166	386,540
Public 4-year .....	5,835,433	2,638,168	3,197,265	4,646,793	2,122,345	2,524,448	118,249	63,667	54,582	1,070,391	452,156	618,235
Full-time .....	4,164,759	1,951,171	2,213,588	3,604,808	1,675,131	1,929,677	113,266	61,050	52,216	446,685	214,990	231,695
Part-time .....	1,670,674	686,997	983,677	1,041,985	447,214	594,771	4,983	2,617	2,366	623,706	237,166	386,540
Public 2-year .....	5,360,686	2,286,019	3,074,667	5,360,686	2,286,019	3,074,667	—	—	—	—	—	—
Full-time .....	1,891,027	842,082	1,048,945	1,891,027	842,082	1,048,945	—	—	—	—	—	—
Part-time .....	3,469,659	1,443,937	2,025,722	3,469,659	1,443,937	2,025,722	—	—	—	—	—	—
Private, total .....	3,306,215	1,471,841	1,834,374	2,443,108	1,060,168	1,382,940	180,009	105,960	74,049	683,098	305,713	377,385
Full-time .....	2,382,276	1,097,189	1,285,087	1,922,763	862,384	1,060,379	153,952	90,275	63,677	305,561	144,530	161,031
Part-time .....	923,939	374,652	549,287	520,345	197,784	322,561	26,057	15,685	10,372	377,537	161,183	216,354
Private 4-year .....	3,061,332	1,368,149	1,693,183	2,198,225	956,476	1,241,749	180,009	105,960	74,049	683,098	305,713	377,385
Full-time .....	2,178,132	1,007,877	1,170,255	1,718,619	773,072	945,547	153,952	90,275	63,677	305,561	144,530	161,031
Part-time .....	883,200	360,272	522,928	479,606	183,404	296,202	26,057	15,685	10,372	377,537	161,183	216,354
Private 2-year .....	244,883	103,692	141,191	244,883	103,692	141,191	—	—	—	—	—	—
Full-time .....	204,144	89,312	114,832	204,144	89,312	114,832	—	—	—	—	—	—
Part-time .....	40,739	14,380	26,359	40,739	14,380	26,359	—	—	—	—	—	—

<sup>1</sup> 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 include those 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" surveys. (This table was prepared June 1999.)





**Table 182.—Fall enrollment and number of institutions of higher education and degree-granting institutions, by affiliation<sup>1</sup> of institution: 1980 to 1997**

Affiliation	Enrollment in institutions of higher education						Enrollment in degree-granting institutions <sup>2</sup>					Number of higher education institutions <sup>3</sup>			Number of degree-granting institutions, fall 1997 <sup>2,3</sup>
	Total, fall 1980	Total, fall 1990	Total, fall 1994	Total, fall 1995	Total, fall 1996	Total, fall 1997	Fall 1997					Fall 1980	Fall 1990	Fall 1997	
							Total	Full-time		Part-time					
								Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>All institutions</b>	<b>12,096,895</b>	<b>13,818,637</b>	<b>14,278,790</b>	<b>14,261,781</b>	<b>14,300,255</b>	<b>14,345,416</b>	<b>14,502,334</b>	<b>3,890,442</b>	<b>4,547,620</b>	<b>2,505,586</b>	<b>3,558,686</b>	<b>3,226</b>	<b>3,501</b>	<b>3,458</b>	<b>3,885</b>
Public institutions	9,457,394	10,844,717	11,133,680	11,092,374	11,090,171	11,146,155	11,196,119	2,793,253	3,262,533	2,130,934	3,009,399	1,493	1,548	1,591	1,657
Federal	50,989	50,669	53,548	80,046	83,230	86,263	86,263	17,915	4,280	53,348	10,720	12	17	14	18
State	(4)	7,181,380	7,869,965	7,842,782	7,905,241	7,958,854	7,990,306	2,293,782	2,662,981	1,239,747	1,793,796	(4)	978	1,130	1,171
Local	(4)	3,508,941	3,064,925	3,023,723	2,980,820	2,980,416	2,994,980	451,753	559,272	815,018	1,168,937	(4)	523	409	426
Other public	9,406,405	103,727	145,242	135,823	120,880	122,977	124,570	29,803	36,000	22,821	35,946	1,481	30	38	42
Private institutions	2,639,501	2,973,920	3,145,110	3,169,407	3,210,084	3,199,261	3,306,215	1,097,189	1,285,087	374,652	549,287	1,733	1,953	1,867	2,228
Independent nonprofit	1,521,614	1,474,818	1,506,994	1,511,151	1,515,330	1,524,671	1,535,481	520,216	570,801	187,987	256,477	795	709	685	721
Proprietary	111,714	213,693	235,003	240,363	269,527	237,547	328,601	133,290	137,814	26,133	31,364	164	322	298	603
Religiously affiliated	1,006,173	1,285,409	1,403,113	1,417,893	1,425,227	1,437,043	1,442,133	443,683	576,472	160,532	261,446	774	922	884	904
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	5,581	5,637	2,326	2,937	145	229	6	5	7	8
American Baptist	6,131	10,800	12,221	11,394	11,532	12,558	12,673	3,030	4,350	1,542	3,751	11	15	12	13
American Evangelical Lutheran Church	—	—	814	779	822	770	770	383	265	55	67	—	—	1	1
American Lutheran and Lutheran Church in America	3,092	—	1,335	1,304	1,234	1,344	1,344	427	592	147	178	3	—	1	1
American Lutheran	21,608	—	10,163	10,459	10,153	10,267	10,267	3,794	4,532	501	1,440	13	—	9	9
Assemblies of God Church	7,814	8,307	9,493	9,652	9,860	10,053	10,053	4,154	4,737	574	588	10	11	13	12
Baptist	38,231	99,510	100,991	105,802	105,251	105,826	108,654	38,090	47,514	10,260	12,790	33	69	58	68
Brethren Church	3,925	958	1,447	1,456	1,414	1,678	1,678	708	703	166	101	3	3	3	3
Brethren in Christ Church	1,301	2,239	2,344	2,416	2,517	2,616	2,616	994	1,533	20	69	1	1	1	1
Christian and Missionary Alliance Church	1,705	2,519	3,386	3,723	3,953	4,376	4,376	1,574	2,106	294	402	3	4	4	4
Christian Church (Disciples of Christ)	14,913	30,397	32,629	33,029	33,492	35,405	35,837	7,444	10,867	6,680	10,846	12	18	16	18
Christian Churches and Churches of Christ	1,342	2,263	3,394	3,494	4,616	4,759	4,759	1,901	1,914	559	385	7	8	13	13
Christian Methodist Episcopal	2,486	2,174	2,456	2,598	1,881	2,013	2,013	893	934	74	112	4	4	2	2
Christian Reformed Church	5,408	4,488	4,075	4,205	4,308	4,337	4,337	1,829	2,188	152	168	3	2	2	2
Church of Christ (Scientist)	2,773	2,557	4,222	4,320	4,407	4,529	4,529	1,719	2,028	508	274	6	8	5	5
Church of God of Prophecy	—	249	—	—	—	—	—	—	—	—	—	—	1	—	—
Church of God	6,082	5,627	4,534	4,410	6,913	7,258	7,258	2,764	3,475	485	534	9	9	7	7
Church of New Jerusalem	170	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Church of the Brethren	8,482	4,463	2,870	2,812	2,856	2,845	2,845	1,025	1,573	98	149	6	5	3	3
Church of the Nazarene	11,716	10,779	14,450	14,466	14,502	14,955	14,982	5,316	6,917	1,014	1,735	10	9	10	11
Churches of Christ	9,343	14,611	22,495	22,807	23,035	23,660	23,660	8,040	9,158	3,019	3,443	9	19	15	15
Cumberland Presbyterian	594	746	715	799	823	843	843	360	278	77	128	2	2	2	2
Evangelical Congregational Church	80	88	95	65	95	112	112	11	2	74	25	1	1	1	1
Evangelical Convent Church of America	1,401	1,035	1,650	1,745	1,815	2,010	2,010	547	750	221	492	1	1	1	1
Evangelical Free Church of America	833	2,355	3,840	3,778	3,937	4,005	4,005	1,320	1,070	1,066	549	1	2	3	3
Evangelical Lutheran Church	743	49,210	38,218	39,089	38,666	38,750	38,750	14,071	19,324	1,946	3,409	3	33	26	26
Free Methodist	5,543	5,902	8,375	8,696	8,713	8,973	8,973	2,889	4,588	569	927	5	3	5	5
Free Will Baptist Church	1,132	1,177	1,312	1,467	1,681	1,723	1,935	817	845	144	129	4	3	2	4
Friends United Meeting	1,109	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Friends	5,157	5,844	6,586	6,600	9,711	9,940	9,754	3,458	4,775	616	905	5	6	7	6
General Conference Mennonite Church	820	1,243	899	1,046	1,095	1,053	1,053	349	520	121	63	2	2	1	1
Greek Orthodox	204	148	197	168	179	171	171	137	28	3	3	1	1	1	1
Interdenominational	1,254	11,103	6,342	5,571	5,510	3,934	3,934	1,715	1,659	401	159	4	17	5	5
Jewish	5,738	12,217	13,038	11,481	12,273	11,800	12,492	10,532	984	487	489	24	63	56	59
Latter-Day Saints	39,172	42,274	40,296	40,086	42,371	43,556	43,556	17,221	20,042	3,013	3,280	4	4	4	4
Lutheran Church—Missouri Synod	11,727	13,827	10,614	11,315	12,145	12,858	12,858	4,101	5,535	1,143	2,079	15	14	9	9
Lutheran Church in America	23,877	5,796	4,338	4,321	4,291	4,511	4,511	1,591	2,342	224	354	20	5	3	3

**Table 182.—Fall enrollment and number of institutions of higher education and degree-granting institutions, by affiliation<sup>1</sup> of institution: 1980 to 1997—Continued**

Affiliation	Enrollment in institutions of higher education						Enrollment in degree-granting institutions <sup>2</sup>					Number of higher education institutions <sup>3</sup>			Number of degree-granting institutions, fall 1997 <sup>2,3</sup>
	Total, fall 1980	Total, fall 1990	Total, fall 1994	Total, fall 1995	Total, fall 1996	Total, fall 1997	Fall 1997					Fall 1980	Fall 1990	Fall 1997	
							Total	Full-time		Part-time					
								Men	Women	Men	Women				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Mennonite Brethren Church .....	1,344	1,864	2,161	2,269	2,225	2,190	2,190	501	672	330	687	3	3	3	3
Mennonite Church .....	4,008	2,859	3,462	3,502	3,427	3,473	3,473	1,280	1,688	172	333	6	5	5	5
Missionary Church Inc. ....	487	699	1,201	1,352	1,467	1,526	1,526	348	569	191	418	1	1	1	1
Moravian Church .....	2,434	2,511	2,741	2,804	2,861	2,915	2,915	601	1,411	260	643	2	2	2	2
Multiple Protestant Denominations .....	5,526	211	167	164	7,580	7,527	7,527	1,993	3,236	1,159	1,139	8	1	8	8
North American Baptist .....	155	—	170	186	179	153	153	76	36	27	14	1	—	1	1
Pentecostal Holiness Church .....	767	566	968	1,002	1,237	1,463	1,463	527	627	137	172	3	3	4	4
Presbyterian U.S. and United Presbyterian .....	47,144	77,700	69,790	70,357	71,034	70,693	70,693	26,832	33,905	3,903	6,053	57	70	60	60
Presbyterian Church in America .....	—	1,877	3,745	3,809	2,183	2,138	2,138	854	800	318	166	—	1	2	2
Protestant Episcopal .....	5,396	4,559	4,514	4,603	4,593	4,810	4,810	1,856	2,504	200	250	12	9	11	11
Protestant, other .....	4,072	38,136	59,870	60,386	54,427	53,716	53,773	17,044	22,819	5,596	8,314	11	44	57	56
Reformed Church in America .....	2,713	5,525	5,419	5,582	5,327	5,357	5,357	2,109	2,935	143	170	4	4	4	4
Reformed Episcopal Church .....	67	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Reformed Presbyterian Church .....	2,014	1,556	1,767	1,771	1,819	2,024	2,024	810	885	155	174	4	2	2	2
Reorganized Latter-Day Saints Church .....	4,274	4,793	10,508	11,063	11,746	12,280	12,280	795	1,152	4,453	5,880	2	1	2	2
Roman Catholic .....	422,842	530,585	592,119	594,464	594,537	594,295	594,926	153,343	218,963	77,192	145,428	229	239	235	237
Russian Orthodox .....	47	38	24	32	36	—	—	—	—	—	—	1	1	—	—
Seventh-Day Adventists .....	19,168	15,771	17,110	17,519	17,744	18,111	18,584	6,439	7,747	1,612	2,786	11	11	11	12
Southern Baptist .....	85,281	49,493	45,165	46,042	47,704	48,919	48,919	14,399	16,530	8,867	9,123	54	29	29	29
Nondenominational .....	—	6,758	17,330	18,729	15,166	16,191	16,191	4,817	6,168	2,620	2,586	—	14	11	11
Unitarian Universalist .....	87	82	106	126	131	127	127	39	68	7	13	2	2	2	2
United Brethren Church .....	545	601	635	721	740	811	811	294	395	74	48	1	1	1	1
United Church of Christ .....	14,169	20,175	24,305	24,013	22,612	23,083	23,083	6,514	9,902	2,111	4,556	16	18	20	20
United Methodist .....	127,099	148,851	146,935	148,091	148,926	149,743	149,757	50,730	64,834	13,398	20,795	91	96	90	91
Wesleyan Church .....	3,583	5,311	7,497	7,734	8,336	8,805	8,805	3,078	4,992	265	470	5	4	3	3
Wisconsin Evangelical Lutheran Synod .....	808	931	1,142	1,165	1,218	1,251	1,251	583	625	13	30	1	3	2	2
Other religiously affiliated .....	462	5,743	10,629	11,551	6,741	6,363	6,112	2,291	1,944	931	946	1	9	10	9

<sup>1</sup> Religious affiliation as reported by institutions of higher education.

<sup>2</sup> 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.

<sup>3</sup> Because data are derived from the "Fall Enrollment" survey, counts of institutions may differ from counts in other tables.

<sup>4</sup> Included under "Other public."

—Data not applicable or not reported.

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 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 July 1999.)



**Table 184.—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 1997**

[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 <sup>1</sup>	670	—	—	416	—	—	254	—	—	<sup>2</sup> 283	<sup>2</sup> 247	<sup>2</sup> 117	<sup>2</sup> 23
1956 <sup>1</sup>	718	—	—	443	—	—	275	—	—	<sup>2</sup> 293	<sup>2</sup> 262	<sup>2</sup> 137	<sup>2</sup> 25
1957 <sup>1</sup>	724	—	—	442	—	—	282	—	—	<sup>2</sup> 294	<sup>2</sup> 263	<sup>2</sup> 141	<sup>2</sup> 27
1958 <sup>1</sup>	775	—	—	465	—	—	310	—	—	<sup>2</sup> 328	<sup>2</sup> 272	<sup>2</sup> 146	<sup>2</sup> 29
1959 <sup>1</sup>	822	—	—	488	—	—	334	—	—	<sup>2</sup> 348	<sup>2</sup> 292	<sup>2</sup> 153	<sup>2</sup> 28
1960 <sup>1</sup>	923	—	—	540	—	—	384	—	—	<sup>2</sup> 396	<sup>2</sup> 313	<sup>2</sup> 182	<sup>2</sup> 32
1961 <sup>1</sup>	1,018	—	—	592	—	—	426	—	—	<sup>2</sup> 438	<sup>2</sup> 336	<sup>2</sup> 210	<sup>2</sup> 34
1962 <sup>1</sup>	1,031	—	—	598	—	—	432	—	—	<sup>2</sup> 445	<sup>2</sup> 325	<sup>2</sup> 225	<sup>2</sup> 36
1963 <sup>1</sup>	1,046	—	—	604	—	—	442	—	—	—	—	—	—
1964 <sup>1</sup>	1,225	—	—	702	—	—	523	—	—	<sup>2</sup> 539	<sup>2</sup> 363	<sup>2</sup> 275	<sup>2</sup> 47
1965 <sup>1</sup>	1,442	—	—	829	—	—	613	—	—	<sup>2</sup> 642	<sup>2</sup> 399	<sup>2</sup> 348	<sup>2</sup> 53
1966	1,554	—	—	890	—	—	665	—	—	<sup>2</sup> 626	<sup>2</sup> 383	<sup>2</sup> 478	<sup>2</sup> 67
1967	1,641	1,336	305	931	761	170	710	574	136	<sup>2</sup> 645	<sup>2</sup> 368	<sup>2</sup> 561	<sup>2</sup> 67
1968	1,893	1,471	422	1,082	847	235	810	624	187	<sup>2</sup> 725	<sup>2</sup> 378	<sup>2</sup> 718	<sup>2</sup> 72
1969	1,967	1,525	442	1,118	876	242	849	649	200	<sup>2</sup> 737	<sup>2</sup> 393	<sup>2</sup> 776	<sup>2</sup> 61
1970	2,063	1,587	476	1,152	896	256	911	691	221	<sup>2</sup> 754	<sup>2</sup> 397	<sup>2</sup> 854	<sup>2</sup> 58
1971	2,119	1,606	513	1,171	896	275	949	710	238	<sup>2</sup> 738	<sup>2</sup> 386	<sup>2</sup> 937	<sup>2</sup> 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	<sup>3</sup> 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	<sup>3</sup> 116
1990	2,257	1,617	640	1,045	771	274	1,211	846	366	727	400	1,041	<sup>4</sup> 88
1991	2,278	1,653	625	1,068	798	270	1,209	855	355	718	393	1,070	<sup>4</sup> 97
1992	2,184	1,604	580	1,013	760	253	1,171	843	328	697	408	993	<sup>4</sup> 85
1993	2,161	1,608	552	1,008	762	245	1,153	846	307	702	411	974	<sup>4</sup> 74
1994	2,133	1,603	530	985	751	233	1,149	852	297	709	406	952	<sup>4</sup> 66
1995	2,169	1,647	522	1,001	767	234	1,168	880	288	732	419	955	<sup>4</sup> 63
1996	2,193	1,674	519	1,014	779	234	1,180	895	285	741	426	968	<sup>4</sup> 58
1997	2,147	1,681	466	992	781	311	1,155	900	255	755	438	897	<sup>4</sup> 57
Degree-granting institutions <sup>5</sup>													
1996	2,274	1,740	534	1,047	806	241	1,228	934	294	741	427	990	<sup>4</sup> 116
1997	2,219	1,734	486	1,026	806	220	1,193	927	266	755	442	924	<sup>4</sup> 98

<sup>1</sup> Excludes first-time freshmen in occupational programs not creditable towards a bachelor's degree.

<sup>2</sup> Data for 2-year branches of 4-year college systems are aggregated with the 4-year institutions.

<sup>3</sup> Because of imputation techniques, data are not consistent with figures for other years.

<sup>4</sup> Data not comparable with pre-1990 figures because of a change in reporting procedures.

<sup>5</sup> 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 September 1999.)



**Table 186.—College enrollment rates of high school graduates, by race/ethnicity: 1960 to 1998**

[Numbers in thousands]

Year	High school graduates <sup>1</sup>				Enrolled in college <sup>2</sup>								
	Total	White <sup>3</sup>	Black <sup>3,4</sup>	Hispanic <sup>4</sup>	Total		White <sup>3</sup>		Black <sup>3,4</sup>		Number	Hispanic <sup>4</sup>	
					Number	Percent	Number	Percent	Number	Percent		Percent	
											Annual	3-year moving average	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
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	54.6
1998	2,810	2,227	393	314	1,844	65.6	1,499	65.8	244	62.1	149	47.5	—

<sup>1</sup> Individuals age 16 to 24 who graduated from high school during the preceding 12 months.

<sup>2</sup> 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.

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

<sup>4</sup> 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 August 1999.)

**Table 187.—College enrollment rates of high school graduates, by sex: 1960 to 1998**  
[Numbers in thousands]

Year	Total high school graduates <sup>1</sup>			Enrolled in college <sup>2</sup>					
	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
1998	2,810	1,452	1,358	1,844	65.6	906	62.4	938	69.1

<sup>1</sup> Individuals age 16 to 24 who graduated from high school during the preceding 12 months.

<sup>2</sup> 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 vary-

ing survey procedures and coverage. Because of rounding, details may not add to totals. 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 August 1999.)

**Table 188.—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
<b>Total</b>	<b>17,838</b>	<b>92.6</b>	<b>57.4</b>	<b>7,875</b>	<b>98.2</b>	<b>87.5</b>
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 189.—Enrollment rates of 18- to 24-year-olds in institutions of higher education, by race/ethnicity: 1967 to 1998**

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 <sup>1</sup>	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates <sup>1</sup>	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates <sup>1</sup>	Enrollment as a percent of 18- to 24-year-olds	Enrollment as a percent of high school graduates <sup>1</sup>
1	2	3	4	5	6	7	8	9
1967 <sup>2</sup>	25.5	33.7	26.9	34.5	13.0	23.3	—	—
1968 <sup>2</sup>	26.0	34.2	27.5	34.9	14.5	25.2	—	—
1969 <sup>2</sup>	27.3	35.0	28.7	35.6	16.0	27.2	—	—
1970 <sup>2</sup>	25.7	32.7	27.1	33.2	15.5	26.0	—	—
1971 <sup>2</sup>	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	36.8	45.2	40.6	46.6	29.8	39.5	22.4	36.0
1998	36.5	45.2	40.6	46.9	29.8	40.0	20.4	33.9

<sup>1</sup> Includes students who were enrolled in college, but did not report high school completion.

<sup>2</sup> 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 1999.)

**Table 190.—Total undergraduate fall enrollment<sup>1</sup> in institutions of higher education, by sex of student, attendance status, and control of institution: 1969 to 1997**

[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	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
1997	12,298	7,306	4,992	5,405	6,893	3,330	2,075	3,976	2,917	4,385	1,021	5,574	1,319

<sup>1</sup> Includes unclassified undergraduate students.

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 July 1999.)



**Table 191.—Total graduate fall enrollment<sup>1</sup> in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1997**

[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	1,743	736	1,007	760	983	358	403	378	604	456	305	613	370
1997	1,751	750	1,000	756	994	359	398	392	603	452	304	618	377

<sup>1</sup> Includes unclassified postbaccalaureate students.

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 July 1999.)

**Table 192.—Total first-professional fall enrollment in institutions of higher education, by attendance status, sex of student, and control of institution: 1969 to 1997**

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	175,514	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	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
1997	296,532	265,982	30,550	168,432	128,100	150,520	17,912	115,462	12,638	63,586	104,846	54,491	73,609

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 July 1999.)

**Table 193.—Total fall enrollment in institutions of higher education and degree-granting institutions, by state: 1970 to 1997**

State or other area	Institutions of higher education									Degree-granting institutions <sup>1</sup>	
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Percent change, 1990 to 1997	Fall 1996	Fall 1997
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>8,580,887</b>	<b>11,184,859</b>	<b>12,096,895</b>	<b>12,247,055</b>	<b>13,818,637</b>	<b>14,261,781</b>	<b>14,300,255</b>	<b>14,345,416</b>	<b>3.8</b>	<b>14,367,520</b>	<b>14,502,334</b>
Alabama .....	103,936	164,700	164,306	179,343	218,589	225,612	219,499	217,349	-0.6	220,711	218,785
Alaska .....	9,471	13,998	21,296	27,479	29,833	29,348	28,846	27,915	-6.4	28,806	27,915
Arizona .....	109,619	173,542	202,716	216,854	264,148	273,981	276,832	279,362	5.8	288,036	292,730
Arkansas .....	52,039	65,547	77,607	77,958	90,425	98,180	100,688	103,498	14.5	108,636	112,342
California .....	1,257,245	1,787,932	1,790,993	1,650,439	1,808,740	1,817,042	1,882,634	1,926,808	6.5	1,900,099	1,958,200
Colorado .....	123,395	149,814	162,916	161,314	227,131	242,739	242,949	248,652	9.5	245,112	252,245
Connecticut .....	124,700	148,491	159,632	159,348	168,604	157,695	155,361	153,062	-9.2	154,139	153,128
Delaware .....	25,260	32,389	32,939	31,883	42,004	44,307	44,838	44,890	6.9	44,838	44,890
District of Columbia ..	77,158	84,190	86,675	78,201	79,551	77,277	74,239	72,258	-9.2	74,460	72,397
Florida .....	235,525	344,267	411,891	451,392	588,086	637,303	641,173	651,509	10.8	645,832	658,259
Georgia .....	126,511	173,585	184,159	196,826	251,786	314,712	317,999	321,742	27.8	300,795	306,238
Hawaii .....	36,562	46,671	47,181	49,937	56,436	63,198	61,383	59,856	6.1	62,844	61,514
Idaho .....	34,567	39,075	43,018	42,668	51,881	59,566	59,904	60,981	17.5	60,411	61,641
Illinois .....	452,146	584,089	644,245	678,689	729,246	717,854	720,987	723,034	-0.9	721,133	726,199
Indiana .....	192,668	213,820	247,253	250,567	284,832	289,615	286,326	291,743	2.4	290,184	295,517
Iowa .....	108,902	121,678	140,449	152,897	170,515	173,835	177,021	179,662	5.4	178,860	180,967
Kansas .....	102,485	120,833	136,605	141,359	163,733	177,643	172,350	175,740	7.3	173,865	177,544
Kentucky .....	98,591	125,253	143,066	141,724	177,852	178,858	177,749	177,230	-0.3	178,904	178,924
Louisiana .....	120,728	153,213	160,058	177,176	186,840	203,935	203,517	203,173	8.7	213,993	219,196
Maine .....	34,134	40,443	43,264	52,201	57,186	56,547	55,645	55,868	-2.3	56,017	56,368
Maryland .....	149,607	205,570	225,526	231,649	259,700	266,310	260,757	261,262	0.6	260,757	261,262
Massachusetts .....	303,809	384,485	418,415	421,175	417,833	413,794	410,327	410,585	-1.7	411,676	412,620
Michigan .....	392,726	496,405	520,131	507,293	569,803	548,339	546,974	550,287	-3.4	547,629	549,742
Minnesota .....	160,788	184,756	206,691	221,162	253,789	280,816	275,262	264,231	4.1	284,964	269,887
Mississippi .....	73,967	99,962	102,364	101,180	122,883	122,690	126,234	130,447	6.2	126,027	130,561
Missouri .....	183,930	223,115	234,421	241,146	289,899	291,536	290,533	299,064	3.2	293,584	302,896
Montana .....	30,062	30,843	35,177	35,958	35,876	42,674	43,145	43,734	21.9	43,550	44,141
Nebraska .....	66,915	74,705	89,488	97,769	112,831	115,718	119,300	109,812	-2.7	120,689	111,542
Nevada .....	13,669	30,187	40,455	43,656	61,728	67,826	73,467	75,280	22.0	73,970	76,417
New Hampshire .....	29,400	41,030	46,794	52,283	59,510	64,327	64,463	63,811	7.2	64,396	63,811
New Jersey .....	216,121	297,114	321,610	297,658	324,286	333,831	328,188	325,770	0.5	328,143	325,754
New Mexico .....	44,461	51,944	58,283	68,295	85,500	102,405	103,546	105,214	23.1	106,662	108,560
New York .....	806,479	1,005,063	992,237	1,000,098	1,048,286	1,041,566	1,027,870	1,020,294	-2.7	1,028,351	1,024,498
North Carolina .....	171,925	251,786	287,537	327,288	352,138	372,030	373,168	373,613	6.1	372,993	373,717
North Dakota .....	31,495	29,743	34,069	37,939	37,878	40,399	40,554	38,922	2.8	41,142	38,937
Ohio .....	376,267	436,052	489,145	514,745	557,690	540,275	537,535	535,876	-3.9	544,371	537,169
Oklahoma .....	110,155	146,613	160,295	169,173	173,221	180,676	177,255	176,555	1.9	177,166	177,157
Oregon .....	122,177	145,281	157,458	137,967	165,741	167,145	165,168	166,883	0.7	166,662	169,852
Pennsylvania .....	411,044	470,536	507,716	533,198	604,060	617,759	621,994	577,406	-4.4	587,447	588,185
Rhode Island .....	45,898	64,479	66,869	69,927	78,273	74,100	72,432	72,078	-7.9	72,432	72,078
South Carolina .....	69,518	133,023	132,476	131,902	159,302	174,125	174,303	175,978	10.5	174,303	176,278
South Dakota .....	30,639	30,260	32,761	32,772	34,208	36,695	35,373	34,315	0.3	39,820	39,042
Tennessee .....	135,103	181,435	204,581	194,845	226,238	245,962	247,043	247,026	9.2	247,637	249,805
Texas .....	442,225	624,390	701,391	769,692	901,437	952,525	955,439	963,325	6.9	959,698	969,283
Utah .....	81,687	87,323	93,987	103,994	121,303	147,324	151,637	157,077	29.5	152,262	157,891
Vermont .....	22,209	29,095	30,628	31,416	36,398	35,065	35,090	35,742	-1.8	35,779	36,482
Virginia .....	151,915	244,671	280,504	292,416	353,442	355,919	353,788	362,876	2.7	355,190	364,904
Washington .....	183,544	227,168	303,603	231,553	263,384	285,819	292,180	296,352	12.5	303,450	315,281
West Virginia .....	63,153	78,619	81,973	76,659	84,790	86,034	85,689	87,169	2.8	87,099	87,965
Wisconsin .....	202,058	240,701	269,086	275,069	299,774	300,223	299,127	297,446	-0.8	299,522	298,248
Wyoming .....	15,220	18,078	21,147	24,204	31,326	30,176	30,805	30,280	-3.3	30,805	30,280
U.S. Service Schools	17,079	36,897	49,808	54,719	48,692	88,451	81,669	82,374	69.2	81,669	83,090
Outlying areas .....	67,237	104,270	137,749	164,890	164,618	183,657	181,660	176,578	7.3	182,536	178,154
American Samoa .....	—	689	976	758	1,219	1,232	1,239	1,248	2.4	1,239	1,248
Federated States of Micronesia .....	—	—	—	—	975	1,296	1,396	1,372	40.7	1,396	1,372
Guam .....	2,719	3,800	3,217	4,601	4,741	6,010	5,335	5,533	16.7	5,335	5,533
Marshall Islands .....	—	—	—	—	—	418	431	459	—	431	459
Northern Marianas ...	—	—	—	318	661	959	1,096	1,136	71.9	1,096	1,136
Palau .....	—	—	—	—	491	351	332	330	-32.8	332	330
Puerto Rico .....	63,073	97,517	131,184	155,917	154,065	170,337	168,933	163,890	6.4	169,809	165,466
Trust Territory of the Pacific .....	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands .....	1,445	2,079	2,148	2,572	2,466	3,054	2,898	2,610	5.8	2,898	2,610

<sup>1</sup> 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 June 1999.)

**Table 194.—Total fall enrollment in public institutions of higher education and degree-granting institutions, by state: 1970 to 1997**

State or other area	Institutions of higher education									Degree-granting institutions <sup>1</sup>	
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Percent change, 1990 to 1997	Fall 1996	Fall 1997
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>6,428,134</b>	<b>8,834,508</b>	<b>9,457,394</b>	<b>9,479,273</b>	<b>10,844,717</b>	<b>11,092,374</b>	<b>11,090,171</b>	<b>11,146,155</b>	<b>2.8</b>	<b>11,120,499</b>	<b>11,196,119</b>
Alabama .....	87,884	145,698	143,674	158,688	195,939	203,165	196,531	193,974	-1.0	196,531	193,974
Alaska .....	8,563	13,218	20,561	26,510	27,792	28,368	27,828	26,717	-3.9	27,828	26,717
Arizona .....	107,315	168,666	194,034	202,036	248,213	254,530	253,469	254,837	2.7	259,163	260,832
Arkansas .....	43,599	56,127	66,068	66,123	78,645	87,067	89,457	92,215	17.3	97,405	100,855
California .....	1,123,529	1,617,558	1,599,838	1,444,207	1,594,710	1,564,230	1,624,907	1,658,906	4.0	1,625,021	1,664,478
Colorado .....	108,562	136,370	145,598	142,031	200,653	210,312	209,183	213,475	6.4	209,183	213,475
Connecticut .....	73,391	93,567	97,788	98,616	109,556	100,539	97,588	95,041	-13.2	96,336	95,041
Delaware .....	21,151	27,082	28,325	27,933	34,252	36,204	36,579	36,495	6.5	36,579	36,495
District of Columbia .....	12,194	15,159	13,900	12,080	11,990	9,663	7,456	4,715	-60.7	7,736	4,887
Florida .....	189,450	287,745	334,349	362,241	489,081	530,607	531,030	536,111	9.6	529,422	534,721
Georgia .....	101,900	142,593	140,158	148,956	196,413	248,682	249,284	252,197	28.4	230,204	235,011
Hawaii .....	32,963	43,278	43,269	43,246	45,728	50,198	47,370	45,542	-0.4	47,370	45,542
Idaho .....	27,072	31,298	34,491	33,666	41,315	48,986	49,392	49,695	20.3	49,806	50,233
Illinois .....	315,634	444,458	491,274	520,224	551,333	530,248	532,470	536,578	-2.7	532,470	536,578
Indiana .....	136,739	159,453	189,224	193,833	223,953	224,795	220,967	224,522	0.3	220,967	224,522
Iowa .....	68,390	83,572	97,454	109,765	117,834	122,396	125,923	128,073	8.7	125,923	128,073
Kansas .....	88,215	107,761	121,987	127,220	149,117	160,449	155,429	158,862	6.5	156,446	159,955
Kentucky .....	77,240	105,265	114,884	110,836	147,095	148,808	147,423	146,295	-0.5	147,423	146,295
Louisiana .....	101,127	132,054	136,703	153,173	158,290	174,873	174,589	174,867	10.5	185,223	189,179
Maine .....	25,405	31,092	31,878	33,188	41,500	38,195	37,888	37,510	-9.6	38,260	38,010
Maryland .....	118,988	176,544	195,051	198,992	220,783	222,857	217,277	217,250	-1.6	217,277	217,250
Massachusetts .....	116,127	173,564	183,765	185,602	186,035	176,777	173,416	174,280	-6.3	173,854	174,694
Michigan .....	339,625	436,655	454,147	434,270	487,359	462,390	458,989	458,561	-5.9	458,989	458,561
Minnesota .....	130,567	148,630	162,379	173,984	199,211	217,249	208,540	202,384	1.6	213,284	203,088
Mississippi .....	64,968	89,919	90,661	90,704	109,038	110,600	114,905	118,847	9.0	114,905	118,847
Missouri .....	132,540	158,196	165,179	168,829	200,093	189,993	189,269	189,851	-5.1	189,851	190,608
Montana .....	27,287	27,798	31,178	32,032	31,865	37,435	38,000	38,702	21.5	38,000	38,702
Nebraska .....	51,454	61,240	73,509	81,202	94,614	95,599	99,717	89,414	-5.5	99,717	89,414
Nevada .....	13,576	30,010	40,280	43,368	61,242	66,683	71,925	73,309	19.7	71,925	73,309
New Hampshire .....	15,979	24,205	24,119	26,669	32,163	36,069	36,365	35,259	9.6	36,365	35,259
New Jersey .....	145,373	227,764	247,028	237,297	261,601	271,069	264,596	261,365	-0.1	264,596	261,365
New Mexico .....	40,795	47,605	55,077	66,059	83,403	97,220	97,630	98,860	18.5	99,918	100,708
New York .....	449,437	613,842	563,251	563,251	616,884	588,491	572,482	567,893	-7.9	572,482	567,893
North Carolina .....	123,761	201,288	228,154	267,044	285,405	303,099	302,939	302,033	5.8	302,939	302,033
North Dakota .....	30,192	27,954	31,709	34,802	34,690	36,810	36,765	35,037	1.0	36,765	35,037
Ohio .....	281,099	336,931	381,765	379,164	427,613	409,818	405,339	402,901	-5.8	407,108	404,694
Oklahoma .....	91,438	124,372	137,188	146,827	151,073	158,026	154,381	154,132	2.0	154,381	154,572
Oregon .....	108,483	129,785	140,102	119,612	144,427	143,617	141,429	143,093	-0.9	141,429	144,342
Pennsylvania .....	232,982	287,436	292,499	300,523	343,478	339,928	335,181	334,901	-2.5	335,181	334,901
Rhode Island .....	25,527	32,311	35,052	35,389	42,350	38,653	37,487	37,251	-12.0	37,487	37,251
South Carolina .....	47,101	107,690	107,683	105,854	131,134	148,706	148,363	148,694	13.4	148,363	148,694
South Dakota .....	23,936	21,925	24,328	23,339	26,596	29,693	28,564	28,126	5.8	32,861	32,863
Tennessee .....	98,897	139,526	156,835	147,951	175,049	193,136	194,097	193,516	10.5	194,138	193,516
Texas .....	365,522	542,212	613,552	677,192	802,314	836,851	838,091	844,738	5.3	838,943	845,686
Utah .....	49,588	56,536	59,598	69,426	86,108	110,560	114,195	119,185	38.4	113,696	118,619
Vermont .....	12,536	17,145	17,984	18,844	20,910	20,470	20,139	20,540	-1.8	20,139	20,540
Virginia .....	123,279	215,253	246,500	250,754	291,286	293,127	292,412	301,594	3.5	292,412	301,594
Washington .....	162,718	202,531	276,028	201,532	227,632	246,635	251,869	256,868	12.8	262,359	274,705
West Virginia .....	51,363	68,117	71,228	66,531	74,108	74,857	74,755	75,955	2.5	75,116	76,078
Wisconsin .....	170,374	210,535	235,179	238,735	253,529	245,770	244,628	243,140	-4.1	245,060	243,858
Wyoming .....	15,220	18,078	21,121	24,204	30,623	29,420	29,994	29,475	-3.7	29,994	29,475
U.S. Service Schools .....	17,079	36,897	49,808	54,719	48,692	88,451	81,669	82,374	69.2	81,669	83,090
Outlying areas .....	46,680	59,923	60,692	65,411	66,244	77,050	79,861	80,715	21.8	79,083	80,715
American Samoa .....	—	689	976	758	1,219	1,232	1,239	1,248	2.4	1,239	1,248
Federated States of Micronesia .....	—	—	—	—	975	1,296	1,396	1,372	40.7	1,396	1,372
Guam .....	2,719	3,800	3,217	4,601	4,741	6,010	5,335	5,533	16.7	5,335	5,533
Marshall Islands .....	—	—	—	—	—	418	431	459	—	431	459
Northern Marianas .....	—	—	—	318	661	959	1,096	1,136	71.9	1,096	1,136
Palau .....	—	—	—	—	491	351	332	330	-32.8	332	330
Puerto Rico .....	42,516	53,170	54,127	56,438	55,691	63,730	67,134	68,027	22.2	66,356	68,027
Trust Territory of the Pacific ..	—	185	224	724	—	—	—	—	—	—	—
Virgin Islands .....	1,445	2,079	2,148	2,572	2,466	3,054	2,898	2,610	5.8	2,898	2,610

<sup>1</sup> 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 June 1999).

**Table 195.—Total fall enrollment in private institutions of higher education and degree-granting institutions, by state: 1970 to 1997**

State or other area	Institutions of higher education									Degree-granting institutions <sup>1</sup>	
	Fall 1970	Fall 1975	Fall 1980	Fall 1985	Fall 1990	Fall 1995	Fall 1996	Fall 1997	Percent change, 1990 to 1997	Fall 1996	Fall 1997
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>2,152,753</b>	<b>2,350,351</b>	<b>2,639,501</b>	<b>2,767,782</b>	<b>2,973,920</b>	<b>3,169,407</b>	<b>3,210,084</b>	<b>3,199,261</b>	<b>7.6</b>	<b>3,247,021</b>	<b>3,306,215</b>
Alabama .....	16,052	19,002	20,632	20,655	22,650	22,447	22,968	23,375	3.2	24,180	24,811
Alaska .....	908	780	735	969	2,041	980	1,018	1,198	-41.3	978	1,198
Arizona .....	2,304	4,876	8,682	14,818	15,935	19,451	23,363	24,525	53.9	28,873	31,898
Arkansas .....	8,440	9,420	11,539	11,835	11,780	11,113	11,231	11,283	-4.2	11,231	11,487
California .....	133,716	170,374	191,155	206,232	214,030	252,812	257,727	267,902	25.2	275,078	293,722
Colorado .....	14,833	13,444	17,318	19,283	26,478	32,427	33,766	35,177	32.9	35,929	38,770
Connecticut .....	51,309	54,924	61,844	60,732	59,048	57,156	57,773	58,021	-1.7	57,803	58,087
Delaware .....	4,109	5,307	4,614	3,950	7,752	8,103	8,259	8,395	8.3	8,259	8,395
District of Columbia .....	64,964	69,031	72,775	66,121	67,561	67,614	66,783	67,543	—	66,724	67,510
Florida .....	46,075	56,522	77,542	89,151	99,005	106,696	110,143	115,398	16.6	116,410	123,538
Georgia .....	24,611	30,992	44,001	47,870	55,373	66,030	68,715	69,545	25.6	70,591	71,227
Hawaii .....	3,599	3,393	3,912	6,691	10,708	13,000	14,013	14,314	33.7	15,474	15,972
Idaho .....	7,495	7,777	8,527	9,002	10,566	10,580	10,512	11,286	6.8	10,605	11,408
Illinois .....	136,512	139,631	152,971	158,465	177,913	187,606	188,517	186,456	4.8	188,663	189,621
Indiana .....	55,929	54,367	58,029	56,734	60,879	64,820	65,359	67,221	10.4	69,217	70,995
Iowa .....	40,512	38,106	42,995	43,132	52,681	51,439	51,098	51,589	-2.1	52,937	52,894
Kansas .....	14,270	13,072	14,618	14,139	14,616	17,194	16,921	16,878	15.5	17,419	17,589
Kentucky .....	21,351	19,988	28,182	30,888	30,757	30,050	30,326	30,935	0.6	31,481	32,629
Louisiana .....	19,601	21,159	23,355	24,003	28,550	29,062	28,928	28,306	-0.9	28,770	30,017
Maine .....	8,729	9,351	11,386	19,013	15,686	18,352	17,757	18,358	17.0	17,757	18,358
Maryland .....	30,619	29,026	30,475	32,657	38,917	43,453	43,480	44,012	13.1	43,480	44,012
Massachusetts .....	187,682	210,921	234,650	235,573	231,798	237,017	236,911	236,305	1.9	237,822	237,926
Michigan .....	53,101	59,750	65,984	73,023	82,444	85,949	87,985	91,726	11.3	88,640	91,181
Minnesota .....	30,221	36,126	44,312	47,178	54,578	63,567	66,722	61,847	13.3	71,680	66,799
Mississippi .....	8,999	10,043	11,703	10,476	13,845	12,090	11,329	11,600	-16.2	11,122	11,714
Missouri .....	51,390	64,919	69,242	72,317	89,806	101,543	101,264	109,213	21.6	103,733	112,288
Montana .....	2,775	3,045	3,999	3,926	4,011	5,239	5,145	5,032	25.5	5,550	5,439
Nebraska .....	15,461	13,465	15,979	16,567	18,217	20,119	19,583	20,398	12.0	20,972	22,128
Nevada .....	93	177	175	288	486	1,143	1,542	1,971	305.6	2,045	3,108
New Hampshire .....	13,421	16,825	22,675	25,614	27,347	28,258	28,098	28,552	4.4	28,031	28,552
New Jersey .....	70,748	69,350	74,582	60,361	62,685	62,762	63,592	64,405	2.7	63,547	64,389
New Mexico .....	3,666	4,339	3,206	2,236	2,097	5,185	5,916	6,354	203.0	6,744	7,852
New York .....	357,042	391,221	428,986	436,847	431,402	453,075	455,388	452,401	4.9	455,869	456,605
North Carolina .....	48,164	50,498	59,383	60,244	66,733	68,931	70,229	71,580	7.3	70,054	71,684
North Dakota .....	1,303	1,789	2,360	3,137	3,188	3,589	3,789	3,885	21.9	4,377	3,900
Ohio .....	95,168	99,121	107,380	135,581	130,077	130,457	132,196	132,975	2.2	137,263	132,475
Oklahoma .....	18,717	22,241	23,107	22,346	22,148	22,650	22,874	22,423	1.2	22,785	22,585
Oregon .....	13,694	15,496	17,356	18,355	21,314	23,528	23,739	23,790	11.6	25,233	25,510
Pennsylvania .....	178,062	183,100	215,217	232,675	260,582	277,831	286,813	242,505	-6.9	252,266	253,284
Rhode Island .....	20,371	32,168	31,817	34,538	35,923	35,447	34,945	34,827	-3.1	34,945	34,827
South Carolina .....	22,417	25,333	24,793	26,048	28,168	25,419	25,940	27,284	-3.1	25,940	27,584
South Dakota .....	6,703	8,335	8,433	9,433	7,612	7,002	6,809	6,189	-18.7	6,959	6,179
Tennessee .....	36,206	41,909	47,746	46,894	51,189	52,826	52,946	53,510	4.5	53,499	56,289
Texas .....	76,703	82,178	87,839	92,500	99,123	115,674	117,348	118,587	19.6	120,755	123,597
Utah .....	32,099	30,787	34,389	34,568	35,195	36,764	37,442	37,892	7.7	38,566	39,272
Vermont .....	9,673	11,950	12,644	12,572	15,488	14,595	14,951	15,202	-1.8	15,640	15,942
Virginia .....	28,636	29,418	34,004	41,662	62,156	62,792	61,376	61,282	-1.4	62,778	63,310
Washington .....	20,826	24,637	27,575	30,021	35,752	39,184	40,311	39,484	10.4	41,091	40,576
West Virginia .....	11,790	10,502	10,745	10,128	10,682	11,177	10,934	11,214	5.0	11,983	11,887
Wisconsin .....	31,684	30,166	33,907	36,334	46,245	54,453	54,499	54,306	17.4	54,462	54,390
Wyoming .....	—	—	26	—	703	756	811	805	14.5	811	805
Outlying areas ...	20,557	44,347	77,057	99,479	98,374	106,607	101,799	95,863	-2.6	103,453	97,439
American Samoa ...	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia .....	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—	—
Marshall Islands .....	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—
Palau .....	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	20,557	44,347	77,057	99,479	98,374	106,607	101,799	95,863	-2.6	103,453	97,439
Trust Territory of the Pacific .....	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands .....	—	—	—	—	—	—	—	—	—	—	—

<sup>1</sup>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 June 1999.)

**Table 196.—Total fall enrollment in all degree-granting institutions, by attendance status, sex, and state: 1996 and 1997**

State or other area	Fall 1996					Fall 1997				
	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
<b>United States</b> .....	<b>14,367,520</b>	<b>3,851,208</b>	<b>4,451,745</b>	<b>2,501,617</b>	<b>3,562,950</b>	<b>14,502,334</b>	<b>3,890,442</b>	<b>4,547,620</b>	<b>2,505,586</b>	<b>3,558,686</b>
Alabama .....	220,711	67,326	84,163	28,966	40,256	218,785	67,573	84,724	27,915	38,573
Alaska .....	28,806	5,331	6,521	6,222	10,732	27,915	5,168	6,527	5,934	10,286
Arizona .....	288,036	65,624	72,398	62,679	87,335	292,730	67,679	74,040	63,225	87,786
Arkansas .....	108,636	31,524	39,971	14,124	23,017	112,342	31,733	40,828	15,217	24,564
California .....	1,900,099	421,369	482,230	427,756	568,744	1,958,200	430,723	505,903	434,267	587,307
Colorado .....	245,112	65,157	69,464	45,982	64,509	252,245	65,796	71,712	48,209	66,528
Connecticut .....	154,139	39,208	43,726	27,758	43,447	153,128	38,906	44,144	27,753	42,325
Delaware .....	44,838	11,408	14,786	7,280	11,364	44,890	11,484	14,726	7,044	11,636
District of Columbia .....	74,460	22,144	27,416	10,970	13,930	72,397	22,092	27,684	9,815	12,806
Florida .....	645,832	144,153	169,208	134,826	197,645	658,259	148,713	176,531	136,127	196,888
Georgia .....	300,795	91,713	113,269	37,718	58,095	306,238	92,600	116,235	38,545	58,858
Hawaii .....	62,844	16,439	20,211	11,477	14,717	61,514	15,935	19,950	11,537	14,092
Idaho .....	60,411	19,302	21,890	7,644	11,575	61,641	19,606	22,412	7,604	12,019
Illinois .....	721,133	174,032	196,004	141,466	209,631	726,199	177,091	202,210	139,601	207,297
Indiana .....	290,184	92,390	101,806	39,588	56,400	295,517	93,968	105,072	39,961	56,516
Iowa .....	178,860	59,333	63,703	21,681	34,143	180,967	59,742	65,527	21,257	34,441
Kansas .....	173,865	47,024	49,906	31,125	45,810	177,544	47,255	49,982	33,477	46,830
Kentucky .....	178,904	52,389	66,430	21,821	38,264	178,924	52,458	67,841	21,089	37,536
Louisiana .....	213,993	67,897	85,632	22,306	38,158	219,196	68,114	88,449	23,551	39,082
Maine .....	56,017	14,644	17,212	7,842	16,319	56,368	17,407	17,407	7,895	16,505
Maryland .....	260,757	57,867	70,351	50,585	81,954	261,262	58,748	71,769	50,265	80,480
Massachusetts .....	411,676	120,995	141,451	58,753	90,477	412,620	121,377	143,673	58,598	88,972
Michigan .....	547,629	128,327	150,520	111,545	157,237	549,742	130,151	155,075	108,969	155,547
Minnesota .....	284,964	79,075	90,435	46,226	69,228	269,887	78,879	90,897	40,864	59,247
Mississippi .....	126,027	41,518	51,811	12,203	20,495	130,561	42,346	54,288	12,410	21,517
Missouri .....	293,584	80,565	91,771	47,518	73,730	302,896	81,086	94,037	51,378	76,395
Montana .....	43,550	16,063	17,285	4,080	6,122	44,141	16,223	17,573	4,116	6,229
Nebraska .....	120,689	32,779	36,760	21,193	29,957	111,542	32,838	36,393	17,634	24,677
Nevada .....	73,970	11,340	12,997	21,412	28,221	76,417	12,518	14,600	21,460	27,839
New Hampshire .....	64,396	18,085	21,312	9,218	15,781	63,811	18,076	21,414	8,985	15,336
New Jersey .....	328,143	82,416	94,540	60,099	91,088	325,754	83,089	95,950	58,737	87,978
New Mexico .....	106,662	23,874	29,405	20,781	32,602	108,560	25,003	30,838	20,501	32,218
New York .....	1,028,351	299,040	366,485	137,398	225,428	1,024,498	300,286	369,316	134,601	220,295
North Carolina .....	372,993	105,791	134,976	53,927	78,299	373,717	104,215	131,427	55,924	82,151
North Dakota .....	41,142	16,570	16,286	3,605	4,681	38,937	16,112	15,509	3,157	4,159
Ohio .....	544,371	157,664	184,579	84,233	117,895	537,169	156,348	184,691	79,638	116,492
Oklahoma .....	177,166	51,653	55,598	29,198	40,717	177,157	51,625	56,103	28,742	40,687
Oregon .....	166,662	44,335	48,508	32,194	41,625	169,852	44,543	49,629	33,070	42,610
Pennsylvania .....	557,447	190,051	212,163	72,248	112,985	588,185	192,194	214,645	70,813	110,533
Rhode Island .....	72,432	22,163	24,208	10,170	15,891	72,078	22,208	24,562	9,769	15,539
South Carolina .....	174,303	49,412	61,860	22,680	40,351	176,278	50,063	63,695	22,908	39,612
South Dakota .....	39,820	13,942	15,179	3,949	6,750	39,042	13,807	15,168	3,704	6,363
Tennessee .....	247,637	72,857	89,507	35,027	50,246	249,805	75,316	92,230	33,162	49,097
Texas .....	959,698	250,314	275,046	188,091	246,247	969,283	251,726	281,922	190,323	245,312
Utah .....	152,262	47,922	48,774	27,893	27,673	157,891	48,249	49,634	29,933	30,075
Vermont .....	35,779	11,663	13,143	3,511	7,462	36,482	12,181	13,538	3,515	7,248
Virginia .....	355,190	93,090	110,409	61,487	90,204	364,904	95,013	112,887	63,631	93,373
Washington .....	303,450	84,804	98,578	48,876	71,192	315,281	85,885	101,082	53,716	74,598
West Virginia .....	87,099	28,955	32,045	9,418	16,681	87,965	29,361	32,424	9,382	16,798
Wisconsin .....	299,522	84,582	97,812	47,959	69,169	298,248	84,609	98,878	48,008	66,753
Wyoming .....	30,805	8,440	9,123	4,690	8,552	30,280	8,353	8,671	4,731	8,525
U.S. Service Schools .....	81,669	16,649	2,882	52,219	9,919	83,090	16,817	3,198	52,919	10,156
Outlying areas .....	182,536	52,885	85,787	18,008	25,856	178,154	52,716	84,362	16,312	24,764
American Samoa .....	1,239	435	442	215	147	1,248	447	452	210	139
Federated States of Micronesia .....	1,396	471	476	184	265	1,372	505	504	151	212
Guam .....	5,335	944	1,549	1,270	1,572	5,533	971	1,596	1,277	1,689
Marshall Islands .....	431	125	109	115	82	459	131	147	92	89
Northern Marianas .....	1,096	223	267	221	385	1,136	202	281	234	419
Palau .....	332	143	112	28	49	330	158	111	26	35
Puerto Rico .....	169,809	50,228	81,819	15,592	22,170	165,466	50,001	80,360	13,979	21,126
Virgin Islands .....	2,898	316	1,013	383	1,186	2,610	301	911	343	1,055

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.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared July 1999.)

**Table 197.—Total fall enrollment in public degree-granting institutions, by attendance status, sex, and state: 1996 and 1997**

State or other area	Fall 1996					Fall 1997				
	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
<b>United States</b> .....	<b>11,120,499</b>	<b>2,776,098</b>	<b>3,202,369</b>	<b>2,126,355</b>	<b>3,015,677</b>	<b>11,196,119</b>	<b>2,793,253</b>	<b>3,262,533</b>	<b>2,130,934</b>	<b>3,009,399</b>
Alabama .....	196,531	58,741	72,625	27,430	37,735	193,974	58,766	72,905	26,270	36,033
Alaska .....	27,828	5,069	6,114	6,105	10,540	26,717	4,864	6,073	5,776	10,004
Arizona .....	259,163	53,463	59,030	61,134	85,536	260,832	53,352	60,334	61,484	85,662
Arkansas .....	97,405	26,919	34,477	13,679	22,330	100,855	26,999	35,302	14,720	23,834
California .....	1,625,021	323,307	373,982	396,394	531,338	1,664,478	325,507	390,163	401,261	547,547
Colorado .....	209,183	52,670	56,526	41,417	58,570	213,475	52,947	57,749	42,850	59,929
Connecticut .....	96,336	20,828	23,509	19,743	32,256	95,041	20,342	23,278	19,763	31,658
Delaware .....	36,579	9,902	12,914	5,642	8,121	36,495	10,034	12,820	5,461	8,180
District of Columbia .....	7,736	1,232	1,636	2,034	2,834	4,887	819	1,091	1,133	1,844
Florida .....	529,422	104,494	128,636	117,770	178,522	534,721	106,527	132,926	118,143	177,125
Georgia .....	230,204	65,372	81,656	32,199	50,977	235,011	67,107	84,374	32,347	51,183
Hawaii .....	47,370	11,830	14,261	8,973	12,306	45,542	11,716	13,931	8,392	11,503
Idaho .....	49,806	15,069	16,307	7,390	11,040	50,233	15,053	16,706	7,224	11,250
Illinois .....	532,470	115,679	130,360	114,651	171,780	536,578	118,523	135,358	113,148	169,549
Indiana .....	220,967	65,790	72,309	35,575	47,293	224,522	66,974	74,037	36,067	47,444
Iowa .....	125,923	42,482	43,120	16,122	24,199	128,073	42,865	44,475	16,476	24,257
Kansas .....	156,446	41,212	42,670	29,533	43,031	159,955	41,402	42,803	32,046	43,704
Kentucky .....	147,423	41,903	53,328	19,031	33,161	146,295	41,682	54,036	18,293	32,284
Louisiana .....	185,223	58,498	73,297	19,342	34,086	189,179	58,636	75,222	20,517	34,804
Maine .....	38,260	9,905	10,443	6,575	11,337	38,010	9,849	10,586	6,494	11,081
Maryland .....	217,277	46,829	57,343	43,239	69,866	217,250	47,594	58,262	42,784	68,610
Massachusetts .....	173,854	42,672	49,555	31,741	49,886	174,694	42,046	49,674	32,152	50,822
Michigan .....	458,989	106,972	121,283	96,597	134,137	458,561	108,435	124,293	94,227	131,606
Minnesota .....	213,284	58,019	62,559	38,702	54,004	203,088	58,160	63,132	33,888	47,908
Mississippi .....	114,905	38,142	47,113	11,122	18,528	118,847	38,748	49,122	11,460	19,517
Missouri .....	189,851	49,086	57,071	31,340	52,354	190,608	49,252	58,216	31,793	51,347
Montana .....	38,000	14,585	14,835	3,440	5,140	38,702	14,789	15,181	3,491	5,241
Nebraska .....	99,717	25,969	27,281	19,711	26,756	89,414	25,408	26,546	16,053	21,407
Nevada .....	71,925	10,695	11,944	21,299	27,987	73,309	11,538	12,899	21,361	27,511
New Hampshire .....	36,365	9,852	11,757	5,625	9,131	35,259	9,594	11,586	5,375	8,704
New Jersey .....	264,596	62,969	74,721	50,532	76,374	261,365	63,128	75,515	49,218	73,504
New Mexico .....	99,918	21,480	26,096	20,476	31,866	100,708	22,264	27,034	20,076	31,334
New York .....	572,482	156,287	196,219	83,524	136,452	567,893	156,173	196,595	82,140	132,985
North Carolina .....	302,939	79,171	103,283	49,258	71,227	302,033	76,873	98,671	51,351	75,138
North Dakota .....	36,765	15,056	13,913	3,468	4,328	35,037	14,711	13,425	3,033	3,868
Ohio .....	407,108	113,305	134,153	64,811	94,839	404,694	112,230	133,453	65,544	93,467
Oklahoma .....	154,381	42,636	47,018	26,458	38,269	154,572	42,538	47,373	26,222	38,439
Oregon .....	141,429	35,501	37,787	29,666	38,475	144,342	35,809	38,505	30,623	39,405
Pennsylvania .....	335,181	104,176	114,027	45,999	70,979	334,901	105,450	115,508	44,918	69,025
Rhode Island .....	37,487	7,922	10,883	6,660	12,022	37,251	7,927	10,999	6,472	11,853
South Carolina .....	148,363	39,825	49,454	21,248	37,836	148,694	39,832	50,502	21,401	36,959
South Dakota .....	32,861	12,033	12,188	3,287	5,353	32,863	12,151	12,404	3,118	5,190
Tennessee .....	194,138	51,550	64,971	32,008	45,609	193,516	52,486	66,888	29,875	44,267
Texas .....	838,943	206,480	230,123	172,319	230,021	845,686	207,540	235,877	174,020	228,249
Utah .....	113,696	31,654	31,319	25,295	25,428	118,619	32,765	32,712	26,586	26,556
Vermont .....	20,139	6,177	6,738	2,359	4,865	20,540	6,365	6,915	2,422	4,838
Virginia .....	292,412	73,540	84,570	54,098	80,204	301,594	74,516	86,378	56,595	84,105
Washington .....	262,359	71,193	81,292	44,621	65,253	274,705	72,455	83,627	49,608	69,015
West Virginia .....	75,116	25,028	26,041	8,770	15,277	76,078	25,291	26,659	8,730	15,398
Wisconsin .....	245,060	68,638	77,640	41,034	57,748	243,858	68,847	78,553	40,883	55,575
Wyoming .....	29,994	7,642	9,110	4,690	8,552	29,475	7,557	8,662	4,731	8,525
U.S. Service Schools .....	81,669	16,649	2,882	52,219	9,919	83,090	16,817	3,198	52,919	10,156
Outlying areas .....	79,083	23,014	38,725	6,573	10,771	80,715	23,464	39,402	6,636	11,213
American Samoa .....	1,239	435	442	215	147	1,248	447	452	210	139
Federated States of Micronesia .....	1,396	471	476	184	265	1,372	505	504	151	212
Guam .....	5,335	944	1,549	1,270	1,572	5,533	971	1,596	1,277	1,689
Marshall Islands .....	431	125	109	115	82	459	131	147	92	89
Northern Marianas .....	1,096	223	267	221	385	1,136	202	281	234	419
Palau .....	332	143	112	28	49	330	158	111	26	35
Puerto Rico .....	66,356	20,357	34,757	4,157	7,085	68,027	20,749	35,400	4,303	7,575
Virgin Islands .....	2,898	316	1,013	383	1,186	2,610	301	911	343	1,055

NOTE.—Data are for 4-year and 2-year degree-granting 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 July 1999.)

**Table 198.—Total fall enrollment in private degree-granting institutions, by attendance status, sex, and state: 1996 and 1997**

State or other area	Fall 1996					Fall 1997				
	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
<b>United States</b> .....	<b>3,247,021</b>	<b>1,075,110</b>	<b>1,249,376</b>	<b>375,262</b>	<b>547,273</b>	<b>3,306,215</b>	<b>1,097,189</b>	<b>1,285,087</b>	<b>374,652</b>	<b>549,287</b>
Alabama .....	24,180	8,585	11,538	1,536	2,521	24,811	8,807	11,819	1,645	2,540
Alaska .....	978	262	407	117	192	1,198	304	454	158	282
Arizona .....	28,873	12,161	13,368	1,545	1,799	31,898	14,327	13,706	1,741	2,124
Arkansas .....	11,231	4,605	5,494	445	687	11,487	4,734	5,526	497	730
California .....	275,078	98,062	108,248	31,362	37,406	293,722	105,216	115,740	33,006	39,760
Colorado .....	35,929	12,487	12,938	4,565	5,939	38,770	12,849	13,963	5,359	6,599
Connecticut .....	57,803	18,380	20,217	8,015	11,191	58,087	18,564	20,866	7,990	10,667
Delaware .....	8,259	1,506	1,872	1,638	3,243	8,395	1,450	1,906	1,583	3,456
District of Columbia .....	66,724	20,912	25,780	8,936	11,096	67,510	21,273	26,593	8,682	10,962
Florida .....	116,410	39,659	40,572	17,056	19,123	123,538	42,186	43,605	17,984	19,763
Georgia .....	70,591	26,341	31,613	5,519	7,118	71,227	25,493	31,861	6,198	7,675
Hawaii .....	15,474	4,609	5,950	2,504	2,411	15,972	4,219	6,019	3,145	2,589
Idaho .....	10,605	4,233	5,583	254	535	11,408	4,553	5,706	380	769
Illinois .....	188,663	58,353	65,644	26,815	37,851	189,621	58,568	66,852	26,453	37,748
Indiana .....	69,217	26,600	29,497	4,013	9,107	70,995	26,994	31,035	3,894	9,072
Iowa .....	52,937	16,851	20,583	5,559	9,944	52,894	16,877	21,052	4,781	10,184
Kansas .....	17,419	5,812	7,236	1,592	2,779	17,589	5,853	7,179	1,431	3,126
Kentucky .....	31,481	10,486	13,102	2,790	5,103	32,629	10,776	13,805	2,796	5,252
Louisiana .....	28,770	9,399	12,335	2,964	4,072	30,017	9,478	13,227	3,034	4,278
Maine .....	17,757	4,739	6,769	1,267	4,982	18,358	4,712	6,821	1,401	5,424
Maryland .....	43,480	11,038	13,008	7,346	12,088	44,012	11,154	13,507	7,481	11,870
Massachusetts .....	237,822	78,323	91,896	27,012	40,591	237,926	79,331	93,999	26,446	38,150
Michigan .....	88,640	21,355	29,237	14,948	23,100	91,181	21,716	30,782	14,742	23,941
Minnesota .....	71,680	21,056	27,876	7,524	15,224	66,799	20,719	27,765	6,976	11,339
Mississippi .....	11,122	3,376	4,698	1,081	1,967	11,714	3,598	5,166	950	2,000
Missouri .....	103,733	31,479	34,700	16,178	21,376	112,288	31,834	35,821	19,585	25,048
Montana .....	5,550	1,478	2,450	640	982	5,439	1,434	2,392	625	988
Nebraska .....	20,972	6,810	9,479	1,482	3,201	22,128	7,430	9,847	1,581	3,270
Nevada .....	2,045	645	1,053	113	234	3,108	980	1,701	99	328
New Hampshire .....	28,031	8,233	9,555	3,593	6,650	28,552	8,482	9,828	3,610	6,632
New Jersey .....	63,547	19,447	19,819	9,567	14,714	64,389	19,961	20,435	9,519	14,474
New Mexico .....	6,744	2,394	3,309	305	736	7,852	2,739	3,804	425	884
New York .....	455,869	142,753	170,266	53,874	88,976	456,605	144,113	172,721	52,461	87,310
North Carolina .....	70,054	26,620	31,693	4,669	7,072	71,684	27,342	32,756	4,573	7,013
North Dakota .....	4,377	1,514	2,373	137	353	3,900	1,401	2,084	124	291
Ohio .....	137,263	44,359	50,426	19,422	23,056	132,475	44,118	51,238	14,094	23,025
Oklahoma .....	22,785	9,017	8,580	2,740	2,448	22,585	9,087	8,730	2,520	2,248
Oregon .....	25,233	8,834	10,721	2,528	3,150	25,510	8,734	11,124	2,447	3,205
Pennsylvania .....	252,266	85,875	98,136	26,249	42,006	253,284	86,744	99,137	25,895	41,508
Rhode Island .....	34,945	14,241	13,325	3,510	3,869	34,827	14,281	13,563	3,297	3,686
South Carolina .....	25,940	9,587	12,406	1,432	2,515	27,584	10,231	13,193	1,507	2,653
South Dakota .....	6,959	1,909	2,991	662	1,397	6,179	1,656	2,764	586	1,173
Tennessee .....	53,499	21,307	24,536	3,019	4,637	56,289	22,830	25,342	3,287	4,830
Texas .....	120,755	43,834	44,923	15,772	16,226	123,597	44,186	46,045	16,303	17,063
Utah .....	38,566	16,268	17,455	2,598	2,245	39,272	15,484	16,922	3,347	3,519
Vermont .....	15,640	5,486	6,405	1,152	2,597	15,942	5,816	6,623	1,093	2,410
Virginia .....	62,778	19,550	25,839	7,389	10,000	63,310	20,497	26,509	7,036	9,268
Washington .....	41,091	13,611	17,286	4,255	5,939	40,576	13,430	17,455	4,108	5,583
West Virginia .....	11,983	3,927	6,004	648	1,404	11,887	4,070	5,765	652	1,400
Wisconsin .....	54,462	15,944	20,172	6,925	11,421	54,390	15,762	20,325	7,125	11,178
Wyoming .....	811	798	13	—	—	805	796	9	—	—
<b>Outlying areas</b> .....	<b>103,453</b>	<b>29,871</b>	<b>47,062</b>	<b>11,435</b>	<b>15,085</b>	<b>97,439</b>	<b>29,252</b>	<b>44,960</b>	<b>9,676</b>	<b>13,551</b>
American Samoa .....	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia .....	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	—	—	—	—	—	—	—
Marshall Islands .....	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—
Palau .....	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	103,453	29,871	47,062	11,435	15,085	97,439	29,252	44,960	9,676	13,551
Virgin Islands .....	—	—	—	—	—	—	—	—	—	—

—Data not reported or not applicable.

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in 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 July 1999).

**Table 199.—Total fall enrollment in degree-granting institutions, by control, type of institution, and state: 1996 and 1997**

State or other area	Fall 1996						Fall 1997					
	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
<b>United States .....</b>	<b>5,806,036</b>	<b>5,314,463</b>	<b>2,998,157</b>	<b>2,867,181</b>	<b>248,864</b>	<b>75,375</b>	<b>5,835,433</b>	<b>5,360,686</b>	<b>3,061,332</b>	<b>2,905,820</b>	<b>244,883</b>	<b>71,794</b>
Alabama .....	122,796	73,735	22,420	21,803	1,760	274	122,105	71,869	23,721	21,995	1,090	270
Alaska .....	27,077	751	652	652	326	—	25,967	750	755	755	443	—
Arizona .....	102,501	156,662	22,400	7,834	6,833	1,348	103,434	157,398	24,426	8,962	7,472	1,436
Arkansas .....	62,094	35,311	10,825	10,825	406	406	61,858	38,997	10,946	10,946	541	337
California .....	504,803	1,120,218	247,929	216,314	27,149	8,895	514,774	1,149,704	263,845	222,294	29,877	9,595
Colorado .....	132,293	76,890	31,372	21,550	4,557	633	135,251	78,224	34,226	22,637	4,544	502
Connecticut .....	55,296	41,040	56,217	55,963	1,586	983	54,715	40,326	56,620	56,359	1,467	826
Delaware .....	24,708	11,871	8,259	8,259	—	—	24,486	12,009	8,395	8,395	—	—
District of Columbia .....	7,736	—	66,724	64,247	—	—	4,887	—	67,510	64,654	—	—
Florida .....	211,178	318,244	104,265	94,244	12,145	1,722	214,011	320,710	109,916	98,193	13,622	1,274
Georgia .....	159,013	71,191	65,913	59,248	4,678	3,251	163,514	71,497	67,185	60,520	4,042	2,872
Hawaii .....	21,691	25,679	14,013	13,338	1,461	1,171	20,643	24,899	14,314	13,366	1,658	1,377
Idaho .....	41,344	8,462	2,390	2,390	8,215	7,755	41,327	8,906	3,009	2,626	8,399	8,277
Illinois .....	192,319	340,151	182,555	170,628	6,108	3,507	192,022	344,556	183,176	170,254	6,445	3,323
Indiana .....	182,946	38,021	61,849	60,664	7,368	2,203	184,433	40,089	63,293	61,533	7,702	2,272
Iowa .....	66,539	59,384	50,589	50,302	2,348	1,012	67,296	60,777	50,578	50,280	2,316	1,024
Kansas .....	85,934	70,512	16,048	16,048	1,371	873	86,223	73,732	16,079	16,079	1,510	799
Kentucky .....	104,317	43,106	27,453	25,161	4,028	346	104,796	41,499	28,053	25,578	4,576	343
Louisiana .....	147,238	37,985	26,144	25,930	2,626	1,421	148,215	40,964	27,800	27,226	2,217	506
Maine .....	30,979	7,281	15,946	15,946	1,811	88	30,362	7,648	16,614	16,614	1,744	88
Maryland .....	113,159	104,118	42,299	42,299	1,181	660	113,196	104,054	42,874	42,874	1,138	674
Massachusetts .....	101,824	72,030	230,608	230,547	7,214	6,195	102,136	72,558	231,125	231,062	6,801	5,528
Michigan .....	259,414	199,575	86,512	85,902	2,128	1,687	263,169	195,392	89,140	87,478	2,041	1,606
Minnesota .....	117,846	95,438	61,835	60,159	9,845	2,968	110,885	92,203	58,493	56,623	8,306	1,812
Mississippi .....	60,560	54,345	10,407	10,407	715	715	62,020	56,827	10,841	10,841	873	759
Missouri .....	117,242	72,609	97,523	94,002	6,210	2,329	116,621	73,987	105,493	101,955	6,795	2,492
Montana .....	31,697	6,303	4,314	4,314	1,236	1,036	32,187	6,515	4,113	4,113	1,326	1,111
Nebraska .....	57,266	42,451	19,599	19,599	1,373	151	54,865	34,549	20,412	20,412	1,716	161
Nevada .....	30,988	40,937	1,518	583	527	24	31,691	41,618	1,971	616	1,137	—
New Hampshire .....	26,547	9,818	24,162	24,162	3,869	392	25,987	9,272	27,438	24,778	1,114	228
New Jersey .....	137,493	127,103	58,402	58,402	5,145	86	138,777	122,588	58,570	58,570	5,819	107
New Mexico .....	48,818	51,100	4,969	2,857	1,775	236	49,034	51,674	6,791	3,891	1,061	—
New York .....	328,666	243,816	430,129	420,839	25,740	6,358	326,391	241,502	429,786	420,518	26,819	7,717
North Carolina .....	156,539	146,400	68,850	68,850	1,204	893	159,027	143,006	70,822	70,822	862	756
North Dakota .....	28,052	8,713	3,514	3,514	863	275	26,560	8,477	3,622	3,622	278	263
Ohio .....	258,417	148,691	118,671	115,681	18,592	2,718	260,948	143,746	119,781	116,583	12,694	2,773
Oklahoma .....	93,778	60,603	20,954	20,954	1,831	755	93,670	60,902	21,139	21,139	1,446	292
Oregon .....	64,413	77,016	24,726	24,079	507	—	65,605	78,737	24,795	24,070	715	—
Pennsylvania .....	232,223	102,958	219,780	219,666	32,486	7,290	233,759	101,142	223,492	223,492	29,792	5,680
Rhode Island .....	22,251	15,236	34,945	34,945	—	—	22,201	15,220	34,827	34,827	—	—
South Carolina .....	87,344	61,019	24,626	24,626	1,314	765	86,446	62,248	25,761	25,761	1,823	699
South Dakota .....	28,367	4,494	6,605	4,906	354	204	27,927	4,936	5,961	4,959	218	218
Tennessee .....	115,508	78,630	50,410	49,602	3,089	509	116,479	77,037	51,629	50,701	4,660	793
Texas .....	414,021	424,922	110,418	107,999	10,337	942	413,324	432,362	112,317	109,501	11,280	924
Utah .....	81,313	32,383	36,186	33,313	2,380	801	83,582	35,037	36,630	34,287	2,642	824
Vermont .....	15,578	4,561	15,230	14,717	410	410	16,047	4,493	15,313	14,980	629	373
Virginia .....	167,809	124,603	56,654	49,666	6,124	539	171,182	130,412	56,666	48,999	6,644	552
Washington .....	87,304	175,055	37,785	37,299	3,306	472	89,356	185,349	36,821	36,261	3,755	270
West Virginia .....	68,036	7,080	10,187	10,187	1,796	—	69,414	6,664	10,335	10,335	1,552	—
Wisconsin .....	140,964	104,096	52,736	52,359	1,726	77	142,331	101,527	53,913	52,484	477	61
Wyoming .....	11,251	18,743	—	—	811	—	11,094	18,381	—	—	805	—
U.S. Service Schools .....	18,546	63,123	—	—	—	—	19,373	63,717	—	—	—	—
Outlying areas .....	67,569	11,514	92,849	89,815	10,604	1,866	72,860	7,855	87,124	84,010	10,315	1,162
American Samoa .....	—	1,239	—	—	—	—	—	1,248	—	—	—	—
Federated States of Micronesia .....	—	1,396	—	—	—	—	—	1,372	—	—	—	—
Guam .....	3,383	1,952	—	—	—	—	3,553	1,980	—	—	—	—
Marshall Islands .....	—	431	—	—	—	—	—	459	—	—	—	—
Northern Marianas .....	—	1,096	—	—	—	—	—	1,136	—	—	—	—
Palau .....	—	332	—	—	—	—	—	330	—	—	—	—
Puerto Rico .....	61,288	5,068	92,849	89,815	10,604	1,866	66,697	1,330	87,124	84,010	10,315	1,162
Virgin Islands .....	2,898	—	—	—	—	—	2,610	—	—	—	—	—

—Data not reported or not applicable.

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in 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 July 1999.)



Table 200.—Total fall enrollment in degree-granting institutions, by level of enrollment and state: 1996 and 1997

State or other area	Fall 1996				Fall 1997			
	Total	Under-graduate	First-professional	Graduate	Total	Under-graduate	First-professional	Graduate
1	2	3	4	5	6	7	8	9
<b>United States</b> .....	<b>14,367,520</b>	<b>12,326,948</b>	<b>298,312</b>	<b>1,742,260</b>	<b>14,502,334</b>	<b>12,450,587</b>	<b>298,258</b>	<b>1,753,489</b>
Alabama .....	220,711	194,191	4,141	22,379	218,785	192,479	4,345	21,961
Alaska .....	28,806	27,251	—	1,555	27,915	26,350	—	1,565
Arizona .....	288,036	255,298	1,690	31,048	292,730	259,628	1,895	31,207
Arkansas .....	108,636	98,788	1,667	8,181	112,342	102,668	1,657	8,017
California .....	1,900,099	1,682,463	33,308	184,328	1,958,200	1,732,607	33,171	192,422
Colorado .....	245,112	206,013	3,173	35,926	252,245	210,856	3,172	38,217
Connecticut .....	154,139	120,609	3,407	30,123	153,128	119,848	3,418	29,862
Delaware .....	44,838	38,624	1,272	4,942	44,890	38,605	1,198	5,087
District of Columbia .....	74,460	41,003	9,199	24,258	72,397	39,253	8,913	24,231
Florida .....	645,832	571,203	9,691	64,938	658,259	584,357	10,062	63,840
Georgia .....	300,795	252,090	10,547	38,158	306,238	257,010	10,195	39,033
Hawaii .....	62,844	54,899	467	7,478	61,514	53,948	459	7,107
Idaho .....	60,411	53,101	546	6,764	61,641	54,129	562	6,950
Illinois .....	721,133	605,146	17,219	98,768	726,199	612,086	17,153	96,960
Indiana .....	290,184	250,710	5,432	34,042	295,517	255,782	5,657	34,078
Iowa .....	178,860	155,596	6,463	16,801	180,967	157,417	6,752	16,798
Kansas .....	173,865	151,530	2,101	20,234	177,544	155,309	2,159	20,076
Kentucky .....	178,904	154,036	4,783	20,085	178,924	153,436	4,810	20,678
Louisiana .....	213,993	182,493	6,058	25,442	219,196	187,536	5,773	25,887
Maine .....	56,017	49,481	713	5,823	56,368	49,730	746	5,892
Maryland .....	260,757	213,735	4,305	42,717	261,262	213,967	4,328	42,967
Massachusetts .....	411,676	316,578	13,494	81,604	412,620	316,299	13,983	82,338
Michigan .....	546,629	468,017	10,517	69,095	549,742	467,264	10,162	72,316
Minnesota .....	284,964	243,774	6,223	34,967	269,887	233,407	6,031	30,449
Mississippi .....	126,027	112,430	1,757	11,840	130,561	116,699	1,813	12,049
Missouri .....	293,584	243,452	9,665	40,467	302,896	252,032	9,821	41,043
Montana .....	43,550	40,033	227	3,290	44,141	40,521	252	3,368
Nebraska .....	120,689	105,172	3,116	12,401	111,542	96,679	3,083	11,780
Nevada .....	73,970	66,338	205	7,427	76,417	68,566	206	7,645
New Hampshire .....	64,396	54,361	710	9,325	63,811	53,645	713	9,453
New Jersey .....	328,143	279,386	6,586	42,171	325,754	276,737	5,503	43,514
New Mexico .....	106,662	92,476	871	13,315	108,560	94,104	840	13,616
New York .....	1,028,351	830,571	27,184	170,596	1,024,498	827,877	27,233	169,388
North Carolina .....	372,993	330,684	7,115	35,194	373,717	330,207	7,541	35,969
North Dakota .....	41,142	37,962	438	2,742	38,937	35,806	421	2,710
Ohio .....	544,371	465,660	12,452	66,259	537,169	458,575	12,489	66,105
Oklahoma .....	177,166	152,579	3,101	21,486	177,157	152,679	3,450	21,028
Oregon .....	166,662	145,560	3,873	17,229	169,852	148,540	3,890	17,422
Pennsylvania .....	587,447	491,389	15,983	80,075	588,185	491,773	15,589	80,823
Rhode Island .....	72,432	62,259	869	9,304	72,078	62,328	864	8,886
South Carolina .....	174,303	149,508	2,738	22,057	176,278	151,851	2,933	21,494
South Dakota .....	39,820	35,356	672	3,792	39,042	34,750	718	3,574
Tennessee .....	247,637	215,022	5,532	27,083	249,805	216,836	5,591	27,378
Texas .....	959,698	837,394	19,864	102,440	969,283	846,521	19,109	103,653
Utah .....	152,262	138,744	1,254	12,264	157,891	144,665	1,253	11,973
Vermont .....	35,779	30,974	896	3,909	36,482	31,816	926	3,740
Virginia .....	355,190	299,714	7,075	48,401	364,904	308,972	7,242	48,690
Washington .....	303,450	276,955	3,758	22,737	315,281	288,641	3,969	22,671
West Virginia .....	87,099	74,689	1,420	10,990	87,965	75,503	1,447	11,015
Wisconsin .....	299,522	266,230	3,653	29,639	298,248	264,832	3,775	29,641
Wyoming .....	30,805	28,374	209	2,222	30,280	27,753	320	2,207
U.S. Service Schools .....	81,669	77,047	673	3,949	83,090	77,708	666	4,716
Outlying areas .....	182,536	166,029	3,132	13,375	178,154	161,888	3,050	13,216
American Samoa .....	1,239	1,239	—	—	1,248	1,248	—	—
Federated States of Micronesia .....	1,396	1,396	—	—	1,372	1,372	—	—
Guam .....	5,335	4,986	—	349	5,533	5,145	—	388
Marshall Islands .....	431	431	—	—	459	459	—	—
Northern Marianas .....	1,096	1,096	—	—	1,136	1,136	—	—
Palau .....	332	332	—	—	330	330	—	—
Puerto Rico .....	169,809	153,883	3,132	12,794	165,466	149,799	3,050	12,617
Virgin Islands .....	2,898	2,666	—	232	2,610	2,399	—	211

—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 July 1999.)

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in federal financial aid programs.

**Table 201.—Total fall enrollment in degree-granting institutions, by control, level of enrollment, and state: 1997**

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
<b>United States</b> .....	<b>10,007,479</b>	<b>4,646,793</b>	<b>5,360,686</b>	<b>118,249</b>	<b>1,070,391</b>	<b>2,443,108</b>	<b>2,198,225</b>	<b>244,883</b>	<b>180,009</b>	<b>683,098</b>
Alabama .....	171,121	99,252	71,869	2,360	20,493	21,358	20,268	1,090	1,985	1,468
Alaska .....	25,354	24,604	750	—	1,363	996	553	443	—	202
Arizona .....	234,883	77,485	157,398	1,532	24,417	24,745	17,273	7,472	363	6,790
Arkansas .....	91,440	52,443	38,997	1,657	7,758	11,228	10,687	541	—	259
California .....	1,554,447	404,743	1,149,704	7,744	102,287	178,160	148,283	29,877	25,427	90,135
Colorado .....	182,826	104,602	78,224	1,846	28,803	28,030	23,486	4,544	1,326	9,414
Connecticut .....	79,996	39,670	40,326	1,130	13,915	39,852	38,385	1,467	2,288	15,947
Delaware .....	32,982	20,973	12,009	—	3,513	5,623	5,623	—	1,198	1,574
District of Columbia .....	4,465	4,465	—	172	250	34,788	34,788	—	8,741	23,981
Florida .....	490,496	169,786	320,710	3,885	40,340	93,861	80,239	13,622	6,177	23,500
Georgia .....	203,703	132,206	71,497	3,072	28,236	53,307	49,265	4,042	7,123	10,797
Hawaii .....	40,038	15,139	24,899	448	5,056	13,910	12,252	1,658	11	2,051
Idaho .....	43,379	34,473	8,906	562	6,292	10,750	2,351	8,399	—	658
Illinois .....	488,169	143,613	344,556	4,315	44,094	123,917	117,472	6,445	12,838	52,866
Indiana .....	193,806	153,717	40,089	3,914	26,802	61,976	54,274	7,702	1,743	7,276
Iowa .....	112,174	51,397	60,777	3,289	12,610	45,243	42,927	2,316	3,463	4,188
Kansas .....	140,252	66,520	73,732	2,063	17,640	15,057	13,547	1,510	96	2,436
Kentucky .....	125,471	83,972	41,499	3,093	17,731	27,965	23,389	4,576	1,717	2,947
Louisiana .....	165,741	124,777	40,964	2,569	20,869	21,795	19,578	2,217	3,204	5,018
Maine .....	34,021	26,373	7,648	295	3,694	15,709	13,965	1,744	451	2,198
Maryland .....	189,373	85,319	104,054	3,577	24,300	24,594	23,456	1,138	751	18,667
Massachusetts .....	153,662	81,104	72,558	433	20,599	162,637	155,836	6,801	13,550	61,739
Michigan .....	392,356	196,964	195,392	6,398	59,807	74,908	72,867	2,041	3,764	12,509
Minnesota .....	184,128	91,925	92,203	2,669	16,291	49,279	40,973	8,306	3,362	14,158
Mississippi .....	106,963	50,136	56,827	1,340	10,544	9,736	8,863	873	473	1,505
Missouri .....	170,909	96,922	73,987	2,555	17,144	81,123	74,328	6,795	7,266	23,899
Montana .....	35,245	28,730	6,515	252	3,205	5,276	3,950	1,326	—	163
Nebraska .....	78,189	43,640	34,549	1,272	9,953	18,490	16,774	1,716	1,811	1,827
Nevada .....	66,102	24,484	41,618	206	7,001	2,464	1,327	1,137	—	644
New Hampshire .....	31,376	22,104	9,272	—	3,883	22,269	21,155	1,114	713	5,570
New Jersey .....	230,863	108,275	122,588	3,455	27,047	45,874	40,055	5,819	2,048	16,467
New Mexico .....	87,743	36,069	51,674	840	12,125	6,361	5,300	1,061	—	1,491
New York .....	505,395	263,893	241,502	4,670	57,828	322,482	295,663	26,819	22,563	111,560
North Carolina .....	271,104	128,098	143,006	3,166	27,763	59,103	58,241	862	4,375	8,206
North Dakota .....	32,120	23,643	8,477	421	2,496	3,686	3,408	278	—	214
Ohio .....	352,132	208,386	143,746	7,654	44,908	106,443	93,749	12,694	4,835	21,197
Oklahoma .....	134,872	60,902	73,970	2,083	17,617	17,807	16,361	1,446	1,367	3,411
Oregon .....	129,928	51,191	78,737	1,274	13,140	18,612	17,897	715	2,616	4,282
Pennsylvania .....	294,041	192,899	101,142	4,411	36,449	197,732	167,940	29,792	11,178	44,374
Rhode Island .....	32,265	17,045	15,220	93	4,893	30,063	30,063	—	771	3,993
South Carolina .....	126,982	64,734	62,248	2,033	19,679	24,869	23,046	1,823	900	1,815
South Dakota .....	29,033	24,097	4,936	621	3,209	5,717	5,499	218	97	365
Tennessee .....	170,901	93,864	77,037	2,855	19,760	45,935	41,275	4,660	2,736	7,618
Texas .....	753,529	321,167	432,362	9,792	82,365	92,992	81,712	11,280	9,317	21,288
Utah .....	109,584	74,547	35,037	785	8,250	35,081	32,439	2,642	468	3,723
Vermont .....	18,628	14,135	4,493	383	1,529	13,188	12,559	629	543	2,211
Virginia .....	255,913	125,501	130,412	4,560	41,121	53,059	46,415	6,644	2,682	7,569
Washington .....	259,080	73,731	185,349	2,168	13,457	29,561	25,806	3,755	1,801	9,214
West Virginia .....	64,171	57,507	6,664	1,447	10,460	11,332	9,780	1,552	—	555
Wisconsin .....	221,472	119,945	101,527	1,904	20,482	43,360	42,883	477	1,871	9,159
Wyoming .....	26,948	8,567	18,381	320	2,207	805	—	805	—	—
U.S. Service Schools .....	77,708	13,991	63,717	666	4,716	—	—	—	—	—
Outlying areas .....	74,040	66,185	7,855	1,194	5,481	87,848	77,533	10,315	1,856	7,735
American Samoa .....	1,248	—	1,248	—	—	—	—	—	—	—
Federated States of Micronesia .....	1,372	—	1,372	—	—	—	—	—	—	—
Guam .....	5,145	3,165	1,980	—	388	—	—	—	—	—
Marshall Islands .....	459	—	459	—	—	—	—	—	—	—
Northern Marianas .....	1,136	—	1,136	—	—	—	—	—	—	—
Palau .....	330	—	330	—	—	—	—	—	—	—
Puerto Rico .....	61,951	60,621	1,330	1,194	4,882	87,848	77,533	10,315	1,856	7,735
Virgin Islands .....	2,399	2,399	—	—	211	—	—	—	—	—

—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, 1997" survey. (This table was prepared July 1999.)

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in federal financial aid programs.

**Table 202.—Total fall enrollment in degree-granting institutions, by control, level of enrollment, and state: 1996**

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
<b>United States</b> .....	<b>9,935,283</b>	<b>4,621,245</b>	<b>5,314,038</b>	<b>116,665</b>	<b>1,068,551</b>	<b>2,391,665</b>	<b>2,142,923</b>	<b>248,742</b>	<b>181,647</b>	<b>673,709</b>
Alabama .....	173,387	99,652	73,735	2,236	20,908	20,804	19,044	1,760	1,905	1,471
Alaska .....	26,462	25,711	751	—	1,366	789	463	326	—	189
Arizona .....	233,126	76,464	156,662	1,553	24,484	22,172	15,339	6,833	137	6,564
Arkansas .....	87,826	52,515	35,311	1,667	7,912	10,962	10,556	406	—	269
California .....	1,518,917	398,699	1,120,218	7,910	98,194	163,546	136,397	27,149	25,398	86,134
Colorado .....	180,235	103,345	76,890	1,811	27,137	25,778	21,221	4,557	1,362	8,789
Connecticut .....	80,763	39,723	41,040	1,143	14,430	39,846	38,260	1,586	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	—	280	351	33,898	33,898	—	8,919	23,907
Florida .....	484,544	166,300	318,244	3,654	41,224	86,659	74,514	12,145	6,037	23,714
Georgia .....	199,279	128,088	71,191	3,070	27,855	52,811	48,133	4,678	7,477	10,303
Hawaii .....	41,436	15,757	25,679	456	5,478	13,463	12,002	1,461	11	2,000
Idaho .....	42,945	34,483	8,462	546	6,315	10,156	1,941	8,215	—	449
Illinois .....	482,623	142,472	340,151	4,368	45,479	122,523	116,415	6,108	12,851	53,289
Indiana .....	190,190	152,169	38,021	3,706	27,071	60,520	53,152	7,368	1,726	6,971
Iowa .....	110,374	50,990	59,384	2,830	12,719	45,222	42,874	2,348	3,633	4,082
Kansas .....	135,951	65,439	70,512	2,020	18,475	15,579	14,208	1,371	81	1,759
Kentucky .....	126,995	83,889	43,106	3,113	17,315	27,041	23,013	4,028	1,670	2,770
Louisiana .....	161,909	123,924	37,985	2,629	20,685	20,584	17,958	2,626	3,429	4,757
Maine .....	34,260	26,979	7,281	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 .....	154,063	82,033	72,030	433	19,358	162,515	155,301	7,214	13,061	62,246
Michigan .....	393,974	194,399	199,575	6,479	58,536	74,043	71,915	2,128	4,038	10,559
Minnesota .....	193,900	98,462	95,438	2,696	16,688	49,874	40,151	9,723	3,527	18,279
Mississippi .....	103,170	48,825	54,345	1,282	10,453	9,260	8,545	715	475	1,387
Missouri .....	169,443	96,834	72,609	2,503	17,905	74,009	67,799	6,210	7,162	22,562
Montana .....	34,627	28,324	6,303	227	3,146	5,406	4,170	1,236	—	144
Nebraska .....	87,688	45,237	42,451	1,304	10,725	17,484	16,111	1,373	1,812	1,676
Nevada .....	64,848	23,911	40,937	205	6,872	1,490	963	527	—	555
New Hampshire .....	32,514	22,696	9,818	—	3,851	21,847	17,978	3,869	710	5,474
New Jersey .....	234,198	107,095	127,103	3,615	26,783	45,188	40,043	5,145	2,971	15,388
New Mexico .....	86,955	35,855	51,100	717	12,246	5,521	3,746	1,775	154	1,069
New York .....	509,053	265,237	243,816	4,679	58,750	321,518	295,778	25,740	22,505	111,846
North Carolina .....	272,790	126,390	146,400	2,878	27,271	57,894	56,690	1,204	4,237	7,923
North Dakota .....	33,734	25,021	8,713	438	2,593	4,228	3,365	863	—	149
Ohio .....	353,857	205,591	148,266	7,656	45,595	111,803	93,211	18,592	4,796	20,664
Oklahoma .....	134,805	74,202	60,603	1,853	17,723	17,774	15,943	1,831	1,248	3,763
Oregon .....	127,098	50,082	77,016	1,262	13,069	18,462	17,955	507	2,611	4,160
Pennsylvania .....	293,891	190,933	102,958	4,449	36,841	197,498	165,012	32,486	11,534	43,234
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 .....	28,880	24,386	4,494	566	3,415	6,476	6,122	354	106	377
Tennessee .....	171,244	92,614	78,630	2,766	20,128	43,778	40,689	3,089	2,766	6,955
Texas .....	747,089	322,167	424,922	10,067	81,787	90,305	79,968	10,337	9,797	20,653
Utah .....	104,248	71,865	32,383	775	8,673	34,496	32,116	2,380	479	3,591
Vermont .....	18,255	13,694	4,561	373	1,511	12,719	12,309	410	523	2,398
Virginia .....	247,646	123,043	124,603	4,499	40,267	52,068	45,944	6,124	2,576	8,134
Washington .....	247,585	72,530	175,055	1,993	12,781	29,370	26,064	3,306	1,765	9,956
West Virginia .....	63,187	56,107	7,080	1,420	10,509	11,502	9,706	1,796	—	481
Wisconsin .....	222,484	118,388	104,096	1,839	20,737	43,746	42,020	1,726	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 .....	72,731	61,217	11,514	1,272	5,080	93,298	82,694	10,604	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 .....	60,585	55,517	5,068	1,272	4,499	93,298	82,694	10,604	1,860	8,295
Virgin Islands .....	2,666	2,666	—	—	232	—	—	—	—	—

—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 July 1999.)

NOTE.—Data are for 4-year and 2-year degree-granting higher education institutions that were eligible to participate in federal financial aid programs.

**Table 203.—Full-time-equivalent fall enrollment in institutions of higher education and degree-granting institutions, by control and type of institution: 1969 to 1997**

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	<sup>1</sup> 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	<sup>1</sup> 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	<sup>2</sup> 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 .....	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
1997 .....	10,484,726	7,320,206	3,164,520	7,839,374	4,813,152	3,026,222	2,645,352	2,507,054	138,298
Degree-granting institutions <sup>3</sup>									
1996 .....	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
1997 .....	10,615,028	7,338,794	3,276,234	7,869,764	4,813,849	3,055,915	2,745,264	2,524,945	220,319

<sup>1</sup> 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.

<sup>2</sup> Because of imputation techniques, data are not consistent with figures for other years.

<sup>3</sup> 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 July 1999.)

**Table 204.—Full-time-equivalent fall enrollment in institutions of higher education, by control, type of institution, and state: 1995 to 1997**

State or other area	Public 4-year			Public 2-year			Private 4-year			Private 2-year		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>United States</b> .....	<b>4,757,223</b>	<b>4,767,248</b>	<b>4,813,152</b>	<b>2,994,592</b>	<b>3,008,050</b>	<b>3,026,222</b>	<b>2,415,621</b>	<b>2,464,432</b>	<b>2,507,054</b>	<b>167,520</b>	<b>162,530</b>	<b>138,298</b>
Alabama .....	104,189	101,864	101,863	54,564	53,207	52,497	19,533	19,655	20,301	450	883	612
Alaska .....	17,823	17,508	16,925	326	322	311	588	555	575	167	270	356
Arizona .....	83,010	84,062	85,153	76,822	76,541	76,679	16,658	20,174	21,540	889	948	983
Arkansas .....	53,057	52,468	52,430	15,177	16,713	18,061	9,975	10,167	10,246	349	376	290
California .....	421,100	434,560	443,300	563,047	580,225	593,963	199,346	203,916	211,950	12,886	13,246	14,576
Colorado .....	104,521	104,977	106,894	40,332	39,996	40,555	21,702	24,957	26,295	3,442	1,554	1,600
Connecticut .....	43,441	42,967	42,028	21,322	20,374	19,888	43,831	44,901	45,548	1,157	1,160	1,097
Delaware .....	20,533	20,821	20,799	6,705	6,975	6,976	5,298	5,351	5,393	—	—	—
District of Columbia .....	5,950	4,559	2,933	—	—	—	55,068	54,654	55,661	—	—	—
Florida .....	160,046	163,504	167,565	176,817	174,897	176,564	80,301	82,796	86,936	5,123	5,524	5,330
Georgia .....	132,111	131,676	135,939	56,843	58,585	57,560	55,179	57,817	58,322	4,132	4,105	3,641
Hawaii .....	19,158	17,680	17,079	16,222	15,859	15,515	9,916	11,101	10,907	—	—	—
Idaho .....	32,161	32,375	32,539	5,265	5,693	5,873	1,998	2,042	2,510	8,122	7,986	8,073
Illinois .....	159,900	159,822	160,767	183,337	184,823	190,362	144,744	146,132	144,885	3,784	3,684	3,327
Indiana .....	146,709	147,182	149,174	23,310	22,165	23,233	54,658	55,213	56,500	2,866	2,878	3,345
Iowa .....	57,870	58,444	59,382	39,829	41,310	42,236	41,377	41,185	42,104	926	890	820
Kansas .....	71,592	70,500	71,007	39,813	38,116	39,012	13,756	13,544	13,444	735	721	659
Kentucky .....	86,774	86,022	86,461	28,227	28,346	27,844	22,965	23,316	23,706	2,361	2,403	2,491
Louisiana .....	125,563	125,650	126,344	17,057	17,320	17,291	23,442	23,060	23,516	754	943	506
Maine .....	22,812	22,656	22,449	4,369	4,361	4,456	12,366	12,357	12,668	1,655	1,594	1,535
Maryland .....	87,997	88,440	89,032	57,419	55,837	56,296	30,193	30,537	31,116	1,032	1,005	1,012
Massachusetts .....	78,616	78,570	78,707	44,938	42,703	42,505	189,336	190,839	192,652	5,997	5,093	4,708
Michigan .....	206,495	207,628	211,724	103,720	102,348	100,988	61,116	64,277	67,643	1,728	945	859
Minnesota .....	88,696	89,123	89,241	62,765	62,673	61,049	48,406	49,981	48,597	3,263	3,706	3,014
Mississippi .....	51,561	52,907	54,389	41,384	42,928	44,511	9,400	8,795	9,131	722	643	673
Missouri .....	94,930	94,552	94,466	40,677	41,119	42,139	73,005	74,840	78,664	3,939	3,818	3,758
Montana .....	27,724	27,942	28,442	4,607	4,708	4,812	3,597	3,606	3,455	600	556	599
Nebraska .....	47,537	47,036	45,492	19,711	22,656	19,810	16,627	16,833	17,594	403	—	—
Nevada .....	21,806	22,382	23,210	15,191	17,544	18,361	967	1,305	1,765	27	24	—
New Hampshire .....	21,960	21,763	21,317	5,136	5,214	4,988	18,845	18,952	21,447	3,122	2,904	857
New Jersey .....	103,590	104,618	106,129	81,176	78,580	76,578	44,052	44,668	45,128	3,851	4,154	4,673
New Mexico .....	39,186	38,147	38,582	25,717	26,415	27,494	3,671	4,230	4,959	954	1,051	722
New York .....	265,171	261,193	260,085	175,517	171,022	170,646	339,528	346,514	347,451	25,311	21,917	20,477
North Carolina .....	132,949	132,690	135,100	91,106	92,126	84,846	60,326	62,219	63,851	1,327	852	737
North Dakota .....	25,147	24,827	23,682	6,792	7,053	7,024	3,091	3,257	3,373	249	256	260
Ohio .....	219,518	216,875	218,092	87,324	86,890	83,881	96,059	98,040	98,733	8,909	8,891	8,918
Oklahoma .....	77,450	76,320	76,763	37,142	36,486	35,902	17,675	17,852	18,017	1,909	1,900	1,563
Oregon .....	53,445	54,255	55,201	42,866	42,781	42,952	20,115	20,519	20,549	158	—	—
Pennsylvania .....	200,590	200,854	203,498	61,233	59,234	58,214	179,812	181,249	184,500	32,634	36,386	17,454
Rhode Island .....	17,634	17,143	17,146	8,490	8,348	8,336	28,583	30,478	30,598	2,149	—	—
South Carolina .....	71,984	72,543	72,462	37,475	37,651	38,493	21,694	22,336	23,307	1,200	1,225	1,472
South Dakota .....	24,753	23,799	23,571	172	152	136	5,487	5,454	4,988	143	116	129
Tennessee .....	95,789	96,234	97,946	46,996	47,938	47,887	45,903	46,748	47,242	2,018	1,644	1,779
Texas .....	337,321	336,716	336,871	237,117	241,061	247,525	91,399	92,304	93,240	5,641	5,815	5,474
Utah .....	62,683	62,014	64,032	19,369	20,344	21,641	33,170	33,512	32,688	1,146	1,136	1,164
Vermont .....	13,715	13,588	13,990	1,885	1,937	1,916	12,301	12,504	12,922	178	188	173
Virginia .....	138,030	140,484	142,893	66,674	64,728	67,336	46,992	47,157	47,551	4,016	3,723	3,890
Washington .....	78,111	78,855	80,700	103,132	105,787	106,976	30,744	31,818	30,950	2,063	2,325	2,680
West Virginia .....	55,159	55,322	56,618	4,792	4,603	4,497	9,104	8,966	9,123	776	731	848
Wisconsin .....	121,755	123,130	124,851	58,958	57,638	56,002	41,724	41,748	42,813	1,501	1,550	359
Wyoming .....	9,752	9,635	9,435	11,430	11,684	11,358	—	—	—	756	811	805
U.S. Service Schools .....	17,849	18,366	18,455	24,297	22,034	22,247	—	—	—	—	—	—
Outlying areas .....	54,519	59,787	64,072	11,238	9,287	5,662	81,801	77,884	74,172	7,806	8,040	7,842
American Samoa .....	—	—	—	988	999	1,016	—	—	—	—	—	—
Federated States of Micronesia .....	—	—	—	1,076	1,098	1,131	—	—	—	—	—	—
Guam .....	2,787	2,610	2,707	1,032	912	937	—	—	—	—	—	—
Marshall Islands .....	—	—	—	249	300	339	—	—	—	—	—	—
Northern Marianas .....	—	—	—	625	693	702	—	—	—	—	—	—
Palau .....	—	—	—	296	281	289	—	—	—	—	—	—
Puerto Rico .....	49,679	55,224	59,597	6,972	5,004	1,248	81,801	77,884	74,172	7,806	8,040	7,842
Virgin Islands .....	2,053	1,953	1,768	—	—	—	—	—	—	—	—	—

—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 July 1999.)

**Table 205.—Full-time-equivalent fall enrollment in institutions of higher education, by control and state:  
1980 to 1997**

State or other area	Total					Public			Private		
	1980	1985	1990	1995	1997	1990	1995	1997	1990	1995	1997
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States .....</b>	<b>8,819,013</b>	<b>8,943,433</b>	<b>9,983,436</b>	<b>10,334,956</b>	<b>10,484,726</b>	<b>7,557,982</b>	<b>7,751,815</b>	<b>7,839,374</b>	<b>2,425,454</b>	<b>2,583,141</b>	<b>2,645,352</b>
Alabama .....	138,910	149,895	174,610	178,736	175,273	154,343	158,753	154,360	20,267	19,983	20,913
Alaska .....	10,073	14,098	18,496	18,904	18,167	17,087	18,149	17,236	1,409	755	931
Arizona .....	127,114	134,954	167,617	177,379	184,355	153,500	159,832	161,832	14,117	17,547	22,523
Arkansas .....	64,307	63,230	74,449	78,558	81,027	63,472	68,234	70,491	10,977	10,324	10,536
California .....	1,099,559	1,062,439	1,156,288	1,196,379	1,263,789	979,663	984,147	1,037,263	176,625	212,232	226,526
Colorado .....	123,589	121,804	159,032	169,997	175,344	138,350	144,853	147,449	20,682	25,144	27,895
Connecticut .....	112,612	107,803	115,791	109,751	108,561	70,870	64,763	61,916	44,921	44,988	46,645
Delaware .....	26,284	25,750	31,612	32,536	33,168	26,059	27,238	27,775	5,553	5,298	5,393
District of Columbia .....	62,126	58,945	61,549	61,018	58,594	7,294	5,950	2,933	54,255	55,068	55,661
Florida .....	290,647	308,315	383,385	422,287	436,395	302,579	336,863	344,129	80,806	85,424	92,266
Georgia .....	152,369	161,952	198,549	248,265	255,462	149,115	188,954	193,499	49,434	59,311	61,963
Hawaii .....	35,859	36,986	41,097	45,296	43,501	32,496	35,380	32,594	8,601	9,916	10,907
Idaho .....	33,938	32,649	41,275	47,546	48,995	31,408	37,426	38,412	9,867	10,120	10,583
Illinois .....	432,365	450,504	493,364	491,765	499,341	353,247	343,237	351,129	140,117	148,528	148,212
Indiana .....	193,445	195,630	222,835	227,543	232,252	168,984	170,019	172,407	53,851	57,524	59,845
Iowa .....	120,083	128,492	138,565	140,002	144,542	95,772	97,699	101,618	42,793	42,303	42,924
Kansas .....	101,147	100,807	118,969	125,896	124,122	106,570	111,405	110,019	12,399	14,491	14,103
Kentucky .....	113,709	110,539	137,651	140,327	140,502	111,858	115,001	114,305	25,793	25,326	26,197
Louisiana .....	132,780	148,983	154,132	166,816	167,656	129,357	142,620	143,634	24,775	24,196	24,022
Maine .....	34,471	37,993	42,021	41,200	41,108	29,876	27,181	26,905	12,145	14,019	14,203
Maryland .....	149,202	148,091	169,972	176,641	177,456	141,950	145,416	145,328	28,022	31,225	32,128
Massachusetts .....	315,937	321,022	320,299	318,887	318,572	130,962	123,554	121,212	189,337	195,333	197,360
Michigan .....	366,058	354,690	389,814	373,059	381,214	326,952	310,215	312,712	62,862	62,844	68,502
Minnesota .....	162,559	170,958	190,608	203,130	201,901	143,424	151,461	150,290	47,184	51,669	51,611
Mississippi .....	85,621	86,846	103,957	103,067	108,704	92,269	92,945	98,900	11,688	10,122	9,804
Missouri .....	180,156	178,090	210,104	212,551	219,027	142,953	135,607	136,605	67,151	76,944	82,422
Montana .....	29,428	29,992	29,905	36,528	37,308	26,835	32,331	33,254	3,070	4,197	4,054
Nebraska .....	68,505	70,778	80,989	84,278	82,896	65,739	67,248	65,302	15,250	17,030	17,594
Nevada .....	22,467	23,093	33,814	37,991	43,336	33,392	36,997	41,571	422	994	1,765
New Hampshire .....	39,456	41,733	45,762	49,063	48,609	24,948	27,096	26,305	20,814	21,967	22,304
New Jersey .....	218,838	201,270	221,468	232,669	232,508	174,324	184,766	182,707	47,144	47,903	49,801
New Mexico .....	43,722	47,169	59,517	69,528	71,757	57,870	64,903	66,076	1,647	4,625	5,681
New York .....	760,305	763,596	798,696	805,527	798,659	446,379	440,688	430,731	352,317	364,839	367,928
North Carolina .....	235,266	249,901	269,025	285,708	284,534	208,321	224,055	219,946	60,704	61,653	64,588
North Dakota .....	30,188	32,456	33,118	35,279	34,339	30,276	31,939	30,706	2,842	3,340	3,633
Ohio .....	369,342	383,898	420,499	411,810	409,624	317,837	306,842	301,973	102,662	104,968	107,651
Oklahoma .....	115,701	126,691	128,203	134,176	132,245	108,933	114,592	112,665	19,270	19,584	19,580
Oregon .....	110,649	102,247	120,176	116,584	118,702	101,424	96,311	98,153	18,752	20,273	20,549
Pennsylvania .....	404,192	422,349	464,179	474,269	463,666	261,305	261,823	261,712	202,874	212,446	201,954
Rhode Island .....	50,628	53,016	60,168	56,856	56,080	28,804	26,124	25,482	31,364	30,732	30,598
South Carolina .....	109,346	109,303	127,225	132,353	135,734	101,918	109,459	110,955	25,307	22,894	24,779
South Dakota .....	27,873	26,988	28,256	30,555	28,824	22,128	24,925	23,707	6,128	5,630	5,117
Tennessee .....	161,058	152,967	175,961	190,706	194,854	130,184	142,785	145,833	45,777	47,921	49,021
Texas .....	527,724	566,736	637,742	671,478	683,110	553,436	574,438	584,396	84,306	97,040	98,714
Utah .....	78,199	84,095	94,012	116,368	119,525	63,495	82,052	85,673	30,517	34,316	33,852
Vermont .....	25,572	25,649	29,072	28,079	29,001	16,048	15,600	15,906	13,024	12,479	13,095
Virginia .....	199,549	204,928	251,708	255,712	261,670	202,285	204,704	210,229	49,423	51,008	51,441
Washington .....	194,440	171,668	189,521	214,050	221,306	160,889	181,243	187,676	28,632	32,807	33,630
West Virginia .....	60,394	58,438	68,235	69,831	71,086	59,229	59,951	61,115	9,006	9,880	9,971
Wisconsin .....	206,790	211,749	229,975	223,938	224,025	192,107	180,713	180,853	37,868	43,225	43,172
Wyoming .....	14,725	17,037	21,888	21,938	21,598	21,185	21,182	20,793	703	756	805
U.S. Service Schools .....	49,736	54,221	48,281	42,146	40,702	48,281	42,146	40,702	—	—	—
Outlying areas .....	117,637	145,530	140,954	155,364	151,748	55,908	65,757	69,734	85,046	89,607	82,014
American Samoa .....	824	497	952	988	1,016	952	988	1,016	—	—	—
Federated States of Micronesia .....	—	—	549	1,076	1,131	549	1,076	1,131	—	—	—
Guam .....	2,115	3,049	2,956	3,819	3,644	2,956	3,819	3,644	—	—	—
Marshall Islands .....	—	—	—	249	339	—	249	339	—	—	—
Northern Marianas ..	—	183	376	625	702	376	625	702	—	—	—
Palau .....	—	—	423	296	289	423	296	289	—	—	—
Puerto Rico .....	113,285	139,627	134,193	146,258	142,859	49,147	56,651	60,845	85,046	89,607	82,014
Trust Territory of the Pacific .....	195	680	—	—	—	—	—	—	—	—	—
Virgin Islands .....	1,218	1,494	1,505	2,053	1,768	1,505	2,053	1,768	—	—	—

—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 July 1999.)

**Table 206.—Residence and migration of all freshmen students<sup>1</sup> in degree-granting institutions, by state: Fall 1996**

State or other area	Students enrolled in institutions located in the jurisdiction <sup>2</sup>	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction <sup>3</sup>	Attending college in home jurisdiction <sup>4</sup>	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
<b>United States</b> .....	<b>2,188,131</b>	<b>2,151,310</b>	<b>1,808,647</b>	<b>0.83</b>	<b>0.84</b>	<b>342,663</b>	<b>379,484</b>	<b><sup>5</sup> 36,821</b>
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 <sup>6</sup> .....	—	29,377	—	—	—	29,377	—	-29,377
<b>Outlying areas</b> .....	<b>35,633</b>	<b>39,197</b>	<b>35,485</b>	<b>1.00</b>	<b>0.91</b>	<b>3,712</b>	<b>148</b>	<b>-3,564</b>
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
<b>Foreign countries</b> .....	<b>—</b>	<b>33,257</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>33,257</b>	<b>—</b>	<b>-33,257</b>

<sup>1</sup> Students who are enrolled at the reporting institution for the first time.

<sup>2</sup> All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

<sup>3</sup> All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

<sup>4</sup> Students who attend institutions in their home state.

<sup>5</sup> Includes students coming to U.S. colleges from foreign countries and the outlying areas.

<sup>6</sup> 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 207.—Residence and migration of all freshmen students<sup>1</sup> 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 <sup>2</sup>	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction <sup>3</sup>	Attending college in home jurisdiction <sup>4</sup>	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
<b>United States</b> .....	<b>1,513,122</b>	<b>1,491,441</b>	<b>1,209,015</b>	<b>0.80</b>	<b>0.81</b>	<b>282,426</b>	<b>304,107</b>	<b><sup>5</sup>21,681</b>
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 <sup>6</sup> .....	—	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

<sup>1</sup> Students who are enrolled at the reporting institution for the first time ever enrolled anywhere.

<sup>2</sup> All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.

<sup>3</sup> All students living in a particular state when admitted to an institution in any state. Students may be enrolled in any state.

<sup>4</sup> Students who attend institutions in their home state.

<sup>5</sup> Includes students coming to U.S. colleges from foreign countries and the outlying areas.

<sup>6</sup> 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 208.—Residence and migration of all freshmen students<sup>1</sup> 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 <sup>2</sup>	Student residents of state		Ratio of students remaining to—		Migration of students		
		Attending college in any jurisdiction <sup>3</sup>	Attending college in home jurisdiction <sup>4</sup>	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
<b>United States</b> .....	<b>1,015,534</b>	<b>996,330</b>	<b>737,654</b>	<b>0.73</b>	<b>0.74</b>	<b>258,676</b>	<b>277,880</b>	<b><sup>5</sup> 19,204</b>
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	—	231	—	—	-231	2,814	3,045
State unknown <sup>6</sup> .....	—	4,244	—	—	—	4,244	—	-4,244
<b>Outlying areas</b> .....	<b>28,358</b>	<b>29,614</b>	<b>28,308</b>	<b>1.00</b>	<b>0.96</b>	<b>1,306</b>	<b>50</b>	<b>-1,256</b>
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
<b>Foreign countries</b> .....	<b>—</b>	<b>17,948</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>17,948</b>	<b>—</b>	<b>-17,948</b>

<sup>1</sup> Students who are enrolled at the reporting institution for the first time.<sup>2</sup> All of the new students reported by the institutions in that state; i.e., all in-migrants and "remaining" students.<sup>3</sup> All students living in a particular state when first admitted to an institution in any state. Students may be enrolled in any state.<sup>4</sup> Students who attend institutions in their home state.<sup>5</sup> Includes students coming to U.S. colleges from foreign countries and the outlying areas.<sup>6</sup> 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 210.—Total fall enrollment in institutions of higher education and degree-granting institutions, by level of study, sex, and race/ethnicity of student: 1976 to 1997—Continued**

Level of study, sex, and race/ethnicity of student	Institutions of higher education, in thousands						Degree-granting institutions, in thousands <sup>1</sup>		Percentage distribution of students <sup>2</sup>							
	1976	1980	1990	1995	1996	1997	1996	1997	Institutions of higher education						Degree-granting institutions <sup>1</sup>	
									1976	1980	1990	1995	1996	1997	1996	1997
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Graduate</b>																
Total .....	1,322.5	1,340.9	1,586.2	1,732.5	1,743.1	1,750.6	1,742.3	1,753.5	100.0	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	1,282.3	1,273.9	1,260.2	1,272.6	1,261.8	89.2	88.5	86.6	82.6	81.7	80.7	81.6	80.7
Total minority .....	134.5	144.0	190.5	270.7	286.0	301.6	286.3	302.3	10.8	11.5	13.4	17.4	18.3	19.3	18.4	19.3
Black, non-Hispanic .....	78.5	75.1	83.9	118.6	125.5	131.7	125.5	131.6	6.3	6.0	5.9	7.6	8.0	8.4	8.0	8.4
Hispanic .....	26.4	32.1	47.2	68.0	72.7	78.4	72.8	78.7	2.1	2.6	3.3	4.4	4.7	5.0	4.7	5.0
Asian or Pacific Islander .....	24.5	31.6	53.2	75.6	79.0	82.1	79.1	82.6	2.0	2.5	3.8	4.9	5.1	5.3	5.1	5.3
American Indian/Alaskan .....																
Native .....	5.1	5.2	6.2	8.5	8.9	9.4	8.9	9.4	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien .....	72.4	92.2	167.3	179.5	183.2	188.8	183.3	189.4	—	—	—	—	—	—	—	—
Men .....	707.9	672.2	737.4	767.5	760.5	756.1	759.4	757.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic .....	589.1	538.5	538.8	541.6	530.2	519.5	529.0	520.4	90.2	89.2	86.8	83.1	82.3	81.5	82.3	81.4
Total minority .....	63.7	65.0	82.1	110.4	113.9	118.2	114.0	118.8	9.8	10.8	13.2	16.9	17.7	18.5	17.7	18.6
Black, non-Hispanic .....	32.0	28.2	29.3	39.8	41.2	42.8	41.2	42.8	4.9	4.7	4.7	6.1	6.4	6.7	6.4	6.7
Hispanic .....	14.6	15.7	20.6	28.2	29.5	31.3	29.6	31.5	2.2	2.6	3.3	4.3	4.6	4.9	4.6	4.9
Asian or Pacific Islander .....	14.4	18.6	29.7	39.0	39.7	40.4	39.7	40.7	2.2	3.1	4.8	6.0	6.2	6.3	6.2	6.4
American Indian/Alaskan .....																
Native .....	2.7	2.5	2.6	3.4	3.6	3.7	3.6	3.7	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6
Nonresident alien .....	55.1	68.7	116.4	115.6	116.3	118.4	116.4	118.7	—	—	—	—	—	—	—	—
Women .....	614.6	668.7	848.8	965.0	982.6	994.5	982.8	995.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic .....	526.5	566.2	689.5	740.7	743.7	740.7	743.6	741.4	88.1	87.8	86.4	82.2	81.2	80.2	81.2	80.2
Total minority .....	70.8	79.0	108.3	160.3	172.1	183.3	172.3	183.5	11.9	12.2	13.6	17.8	18.8	19.8	18.8	19.8
Black, non-Hispanic .....	46.5	46.9	54.6	78.8	84.3	88.8	84.3	88.8	7.8	7.3	6.8	8.7	9.2	9.6	9.2	9.6
Hispanic .....	11.8	16.4	26.6	39.9	43.1	47.1	43.2	47.2	2.0	2.5	3.3	4.4	4.7	5.1	4.7	5.1
Asian or Pacific Islander .....	10.1	13.0	23.6	36.6	39.3	41.7	39.4	41.8	1.7	2.0	3.0	4.1	4.3	4.5	4.3	4.5
American Indian/Alaskan .....																
Native .....	2.4	2.7	3.6	5.0	5.3	5.7	5.3	5.7	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6
Nonresident alien .....	17.3	23.5	50.9	63.9	66.9	70.4	66.9	70.7	—	—	—	—	—	—	—	—
<b>First-professional</b>																
Total .....	244.1	276.8	273.4	297.6	297.7	296.5	298.3	298.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic .....	220.0	247.7	221.5	223.3	221.2	218.9	221.7	220.4	91.3	90.4	82.6	76.9	76.2	75.7	76.3	75.8
Total minority .....	21.1	26.3	46.5	67.0	68.9	70.1	69.0	70.4	8.7	9.6	17.4	23.1	23.8	24.3	23.7	24.2
Black, non-Hispanic .....	11.2	12.8	15.9	21.4	21.4	21.2	21.5	21.4	4.6	4.7	5.9	7.4	7.4	7.3	7.4	7.3
Hispanic .....	4.5	6.5	10.7	13.8	14.0	13.9	13.9	13.9	1.9	2.4	4.0	4.8	4.8	4.8	4.8	4.8
Asian or Pacific Islander .....	4.1	6.1	18.7	29.6	31.4	32.8	31.4	32.9	1.7	2.2	7.0	10.2	10.8	11.4	10.8	11.3
American Indian/Alaskan .....																
Native .....	1.3	0.8	1.1	2.1	2.2	2.3	2.2	2.3	0.5	0.3	0.4	0.7	0.7	0.8	0.7	0.8
Nonresident alien .....	3.1	2.9	5.4	7.3	7.7	7.5	7.6	7.5	—	—	—	—	—	—	—	—
Men .....	189.6	198.5	166.8	173.9	172.5	168.4	172.7	169.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic .....	172.4	179.5	137.8	134.4	132.0	128.0	132.3	129.1	92.1	91.5	84.5	79.5	78.9	78.3	78.9	78.3
Total minority .....	14.7	16.7	25.3	34.6	35.3	35.5	35.4	35.7	7.9	8.5	15.5	20.5	21.1	21.7	21.1	21.7
Black, non-Hispanic .....	7.2	7.4	7.4	9.4	9.4	9.1	9.4	9.2	3.9	3.8	4.5	5.5	5.6	5.6	5.6	5.6
Hispanic .....	3.5	4.6	6.4	7.8	7.8	7.6	7.7	7.6	1.9	2.4	3.9	4.6	4.6	4.7	4.6	4.6
Asian or Pacific Islander .....	2.9	4.1	10.8	16.2	17.0	17.6	17.1	17.6	1.6	2.1	6.6	9.6	10.2	10.7	10.2	10.7
American Indian/Alaskan .....																
Native .....	1.0	0.5	0.6	1.2	1.2	1.2	1.2	1.2	0.6	0.3	0.4	0.7	0.7	0.7	0.7	0.7
Nonresident alien .....	2.5	2.3	3.8	4.9	5.1	4.9	5.1	4.9	—	—	—	—	—	—	—	—
Women .....	54.5	78.4	106.6	123.7	125.3	128.1	125.6	128.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White, non-Hispanic .....	47.6	68.1	83.7	88.9	89.1	90.9	89.4	91.3	88.2	87.6	79.7	73.3	72.6	72.4	72.7	72.5
Total minority .....	6.4	9.6	21.3	32.4	33.6	34.6	33.6	34.7	11.8	12.4	20.3	26.7	27.4	27.6	27.3	27.5
Black, non-Hispanic .....	3.9	5.5	8.5	12.1	12.0	12.0	12.1	12.1	7.3	7.0	8.1	10.0	9.8	9.6	9.8	9.6
Hispanic .....	1.0	1.9	4.3	6.0	6.2	6.2	6.2	6.2	1.9	2.4	4.1	5.0	5.1	5.0	5.0	4.9
Asian or Pacific Islander .....	1.1	2.0	7.9	13.4	14.4	15.3	14.4	15.3	2.1	2.6	7.6	11.0	11.7	12.2	11.7	12.1
American Indian/Alaskan .....																
Native .....	0.2	0.3	0.5	0.9	1.0	1.1	1.0	1.1	0.4	0.3	0.5	0.8	0.8	0.8	0.8	0.8
Nonresident alien .....	0.5	0.6	1.6	2.4	2.6	2.6	2.6	2.6	—	—	—	—	—	—	—	—

<sup>1</sup> Data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>2</sup> Distribution for U.S. citizens only.

—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 July 1999.)

**Table 211.—Total fall enrollment in degree-granting institutions, by level, attendance status, sex, and race/ethnicity of student: 1996 and 1997**

Level and enrollment status	1997											Percent minority, fall 1996 <sup>1</sup>
	Total	Enrollment, by sex		Enrollment, by race/ethnicity							Non-resident alien	
		Male	Female	White	Total, minority	Percent minority <sup>1</sup>	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native		
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>All students</b> .....	<b>14,502,334</b>	<b>6,396,028</b>	<b>8,106,306</b>	<b>10,266,122</b>	<b>3,771,210</b>	<b>26.9</b>	<b>1,551,044</b>	<b>1,218,493</b>	<b>859,206</b>	<b>142,467</b>	<b>465,002</b>	<b>26.2</b>
Undergraduate, full-time and part-time .....	12,450,587	5,468,532	6,982,055	8,783,903	3,398,505	27.9	1,398,058	1,125,924	743,706	130,817	268,179	27.2
Degree seeking .....	10,608,340	4,669,187	5,939,153	7,527,357	2,845,923	27.4	1,230,934	886,567	619,903	108,519	235,060	27.4
Percent of undergraduates seeking degrees .....	85.2	85.4	85.1	85.7	83.7	—	88.0	78.7	83.4	83.0	87.7	—
First-time freshmen .....	2,219,255	1,026,058	1,193,197	1,583,445	595,165	27.3	266,296	184,936	119,804	24,129	40,645	28.2
Other first-year .....	2,248,654	973,117	1,275,537	1,476,924	727,575	33.0	323,375	249,959	127,061	27,180	44,155	33.6
Second year .....	2,867,544	1,206,394	1,661,150	2,052,324	759,498	27.0	325,295	239,057	165,306	29,840	55,722	26.3
Third year .....	1,415,095	627,693	787,402	1,039,461	336,622	24.5	139,571	95,687	89,471	11,893	39,012	23.9
Fourth year and beyond .....	1,736,704	785,916	950,788	1,281,124	404,308	24.0	163,597	111,924	114,307	14,480	51,272	23.1
Unclassified by level .....	121,088	50,009	71,079	94,079	22,755	19.5	12,800	5,004	3,954	997	4,254	17.4
Others in credit courses .....	1,842,247	799,345	1,042,902	1,256,546	552,582	30.5	167,124	239,357	123,803	22,298	33,119	26.1
Full-time .....	7,418,598	3,379,597	4,039,001	5,284,553	1,924,059	26.7	826,756	568,855	453,365	75,083	209,986	26.2
Degree seeking .....	7,104,341	3,231,650	3,872,691	5,096,661	1,812,133	26.2	790,611	518,991	431,367	71,164	195,547	26.1
First-time freshmen .....	1,733,512	806,054	927,458	1,251,597	446,482	26.3	204,260	129,538	95,053	17,631	35,433	26.7
Other first-year .....	1,135,024	518,098	616,926	740,863	360,656	32.7	168,387	114,330	63,372	14,567	33,505	32.8
Second year .....	1,762,010	780,462	981,548	1,279,537	437,014	25.5	189,365	124,155	105,259	18,235	45,459	25.0
Third year .....	1,156,482	526,028	630,454	853,702	266,522	23.8	107,661	72,056	77,197	9,608	36,258	23.4
Fourth year and beyond .....	1,288,809	588,779	700,030	951,415	294,750	23.7	116,580	77,801	89,449	10,920	42,644	22.8
Unclassified by level .....	28,504	12,229	16,275	19,547	6,709	25.6	4,358	1,111	1,037	203	2,248	24.7
Others in credit courses .....	314,257	147,947	166,310	187,892	111,926	37.3	36,145	49,864	21,998	3,919	14,439	31.0
Part-time .....	5,031,989	2,088,935	2,943,054	3,499,350	1,474,446	29.6	571,302	557,069	290,341	55,734	58,193	28.7
Degree seeking .....	3,503,999	1,437,537	2,066,462	2,430,696	1,033,790	29.8	440,323	367,576	188,536	37,355	39,513	29.9
First-time freshmen .....	485,743	220,004	265,739	331,848	148,683	30.9	62,036	55,398	24,751	6,498	5,212	33.2
Other first-year .....	1,113,630	455,019	658,611	736,061	366,919	33.3	154,988	135,629	63,689	12,613	10,650	34.4
Second year .....	1,105,534	425,932	679,602	772,787	322,484	29.4	135,930	114,902	60,047	11,605	10,263	28.2
Third year .....	258,613	101,665	156,948	185,759	70,100	27.4	31,910	23,631	12,274	2,285	2,754	26.1
Fourth year and beyond .....	447,895	197,137	250,758	329,709	109,558	24.9	47,017	34,123	24,858	3,560	8,628	23.8
Unclassified by level .....	92,584	37,780	54,804	74,532	16,046	17.7	8,442	3,893	2,917	794	2,006	15.8
Others in credit courses .....	1,527,990	651,398	876,592	1,068,654	440,656	29.2	130,979	189,493	101,805	18,379	18,680	25.1
Postbaccalaureate .....	2,051,747	927,496	1,124,251	1,482,219	372,705	20.1	152,986	92,569	115,500	11,650	196,823	19.2
First-professional .....	298,258	169,627	128,631	220,386	70,414	24.2	21,364	13,865	32,903	2,282	7,458	23.7
First-time .....	87,914	48,725	39,189	64,648	21,214	24.7	6,498	4,299	9,734	683	2,052	24.2
Other .....	210,344	120,902	89,442	155,738	49,200	24.0	14,866	9,566	23,169	1,599	5,406	23.5
Full-time .....	267,218	151,325	115,893	196,499	63,840	24.5	18,120	12,533	31,108	2,079	6,879	24.1
First-time .....	78,337	43,272	35,065	57,487	18,953	24.8	5,397	3,823	9,113	620	1,897	24.4
Other .....	188,881	108,053	80,828	139,012	44,887	24.4	12,723	8,710	21,995	1,459	4,982	23.9
Part-time .....	31,040	18,302	12,738	23,887	6,574	21.6	3,244	1,332	1,795	203	579	21.0
First-time .....	9,577	5,453	4,124	7,161	2,261	24.0	1,101	476	621	63	155	22.6
Other .....	21,463	12,849	8,614	16,726	4,313	20.5	2,143	856	1,174	140	424	20.3
Graduate students .....	1,753,489	757,869	995,620	1,261,833	302,291	19.3	131,622	78,704	82,597	9,368	189,365	18.4
Degree seeking .....	1,477,955	659,855	818,100	1,050,051	247,000	19.0	108,620	61,507	69,225	7,648	180,904	18.2
Percent of graduate students seeking degrees .....	84.3	87.1	82.2	83.2	81.7	—	82.5	78.1	83.8	81.6	95.5	—
First-time .....	380,204	168,429	211,775	258,688	68,132	20.8	29,221	16,639	20,309	1,963	53,384	20.2
Other degree seeking .....	1,097,751	491,426	606,325	791,363	178,868	18.4	79,399	44,868	48,916	5,685	127,520	17.5
Others in credit courses .....	275,534	98,014	177,520	211,782	55,291	20.7	23,002	17,197	13,372	1,720	8,461	19.3
Full-time .....	752,246	359,520	392,726	479,093	130,804	21.4	51,695	32,605	42,161	4,343	142,349	20.6
Degree seeking .....	704,719	338,987	365,732	448,353	118,074	20.8	47,967	28,595	37,563	3,949	138,292	20.1
First-time .....	229,058	107,850	121,208	143,906	38,748	21.2	14,882	9,289	13,372	1,205	46,404	21.1
Other degree seeking .....	475,661	231,137	244,524	304,447	79,326	20.7	33,085	19,306	24,191	2,744	91,888	19.5
Others in credit courses .....	47,527	20,533	26,994	30,740	12,730	29.3	3,728	4,010	4,598	394	4,057	26.8
Part-time .....	1,001,243	398,349	602,894	782,740	171,487	18.0	79,927	46,099	40,436	5,025	47,016	17.0
Degree seeking .....	773,236	320,868	452,368	601,698	128,926	17.6	60,653	32,912	31,662	3,699	42,612	16.7
First-time .....	151,146	60,579	90,567	114,782	29,384	20.4	14,339	7,350	6,937	758	6,980	19.1
Other degree seeking .....	622,090	260,289	361,801	486,916	99,542	17.0	46,314	25,562	24,725	2,941	35,632	16.2
Others in credit courses .....	228,007	77,481	150,526	181,042	42,561	19.0	19,274	13,187	8,774	1,326	4,404	17.9

<sup>1</sup>Percentage based on U.S. citizens only.  
—Data not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" surveys. (This table was prepared July 1999.)

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.

**Table 212.—Total number of institutions and fall enrollment in degree-granting institutions, by percentage minority enrollment: 1997<sup>1</sup>**

Minority percentage of U.S. citizen enrollment	Total enrollment	Public institutions					Private nonprofit and proprietary institutions					Private nonprofit institutions only				
		Total	4-year institutions			2-year	Total	4-year institutions			2-year	Total	4-year institutions			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	17
<b>All institutions</b>																
Number of institutions .....	3,885	1,657	608	94	514	1,049	2,228	1,613	62	1,551	615	1,625	1,463	62	1,401	162
Total enrollment .....	14,502,334	11,196,119	5,835,433	2,231,273	3,604,160	5,360,686	3,306,215	3,061,332	764,613	2,296,719	244,883	2,977,614	2,905,820	764,613	2,141,207	71,794
U.S. citizens .....	14,037,332	10,898,786	5,615,064	2,110,309	3,504,755	5,283,722	3,138,546	2,897,437	693,988	2,203,449	241,109	2,818,651	2,748,305	693,988	2,054,317	70,346
Minority .....	3,771,210	3,040,940	1,365,473	395,173	970,300	1,675,467	730,270	650,942	176,979	473,963	79,328	615,133	596,451	176,979	419,472	18,682
<b>90.0 percent or more minority enrollment</b>																
Number of institutions .....	135	57	30	0	30	27	78	58	1	57	20	64	56	1	55	8
Total enrollment .....	352,486	268,856	144,752	0	144,752	124,104	83,630	75,692	10,438	65,254	7,938	75,940	72,024	10,438	61,586	3,916
U.S. citizens .....	343,968	263,599	142,232	0	142,232	121,367	80,369	72,503	9,305	63,198	7,866	72,929	69,067	9,305	59,762	3,862
Minority .....	328,250	249,437	133,681	0	133,681	115,756	78,813	71,339	9,152	62,187	7,474	71,682	68,026	9,152	58,874	3,656
<b>75.0 to 89.9 percent minority enrollment</b>																
Number of institutions .....	112	61	18	1	17	43	51	19	0	19	32	19	13	0	13	6
Total enrollment .....	492,797	458,798	135,214	17,356	117,858	323,584	33,999	18,065	0	18,065	15,934	13,440	11,299	0	11,299	2,141
U.S. citizens .....	476,506	443,504	128,432	15,891	112,541	315,072	33,002	17,298	0	17,298	15,704	13,081	10,994	0	10,994	2,087
Minority .....	391,790	364,408	104,809	12,117	92,692	259,599	27,382	14,460	0	14,460	12,922	11,117	9,419	0	9,419	1,698
<b>50.0 to 74.9 percent minority enrollment</b>																
Number of institutions .....	267	125	33	2	31	92	142	61	0	61	81	59	36	0	36	23
Total enrollment .....	1,234,308	1,087,508	444,980	65,848	379,132	642,528	146,800	112,878	0	112,878	33,922	96,043	89,387	0	89,387	6,656
U.S. citizens .....	1,191,172	1,052,581	424,477	61,677	362,800	628,104	138,591	105,714	0	105,714	32,877	90,092	83,543	0	83,543	6,549
Minority .....	724,957	639,204	255,230	35,507	219,723	383,974	85,753	65,157	0	65,157	20,596	55,475	51,294	0	51,294	4,181
<b>25.0 to 49.9 percent minority enrollment</b>																
Number of institutions .....	813	364	101	11	90	263	449	275	27	248	174	253	220	27	193	33
Total enrollment .....	3,648,317	2,773,545	1,133,664	340,058	793,606	1,639,881	874,772	804,288	362,222	442,066	70,484	754,999	741,692	362,222	379,470	13,307
U.S. citizens .....	3,505,892	2,697,385	1,086,734	319,912	766,822	1,610,651	808,507	738,728	324,250	414,478	69,779	692,194	679,190	324,250	354,940	13,004
Minority .....	1,213,139	939,709	371,262	108,463	262,799	568,447	273,430	247,736	106,285	141,451	25,694	230,016	225,185	106,285	118,900	4,831
<b>10.0 to 24.9 percent minority enrollment</b>																
Number of institutions .....	1,316	553	226	54	172	327	763	610	30	580	153	607	566	30	536	41
Total enrollment .....	5,735,515	4,399,170	2,636,297	1,355,049	1,281,248	1,762,873	1,336,345	1,271,294	335,079	936,215	65,051	1,241,590	1,222,157	335,079	887,078	19,433
U.S. citizens .....	5,540,555	4,271,707	2,526,867	1,279,208	1,247,659	1,744,840	1,268,848	1,204,854	306,164	898,690	63,994	1,175,927	1,156,825	306,164	850,661	19,102
Minority .....	930,890	715,707	417,655	208,767	208,888	298,052	215,183	205,095	58,116	146,979	10,088	198,951	196,002	58,116	137,886	2,949
<b>Less than 10.0 percent minority enrollment</b>																
Number of institutions .....	1,242	497	200	26	174	297	745	590	4	586	155	623	572	4	568	51
Total enrollment .....	3,038,911	2,208,242	1,340,526	452,962	887,564	867,716	830,669	779,115	56,874	722,241	51,554	795,602	769,261	56,874	712,387	26,341
U.S. citizens .....	2,979,239	2,170,010	1,306,322	433,621	872,701	863,688	809,229	758,340	54,269	704,071	50,889	774,428	748,686	54,269	694,417	25,742
Minority .....	182,184	132,475	82,836	30,319	52,517	49,639	49,709	47,155	3,426	43,729	2,554	47,892	46,525	3,426	43,099	1,367

<sup>1</sup> Minority includes black, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment" survey. (This table was prepared June 1999.)

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. Includes data for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.



**Table 214.—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 <sup>1</sup>		
	All students	Disabled students <sup>2</sup>	Nondisabled students	All students	Disabled students <sup>2</sup>	Nondisabled students
1	2	3	4	5	6	7
<b>Total (in thousands)</b> .....	<b>16,678</b>	<b>892</b>	<b>15,786</b>	<b>2,784</b>	<b>89</b>	<b>2,695</b>
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

<sup>1</sup> Includes chiropractic medicine, medicine, dentistry, optometry, osteopathic medicine, pharmacy, podiatry, and veterinary medicine.

<sup>2</sup> 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 215.—Enrollment of persons 14 to 34 years of age<sup>1</sup> in institutions of higher education, by race/ethnicity, sex, and year of college: October 1965 to October 1998**

Characteristic	1965	1970	1975	1980	1985 <sup>2</sup>	1988	1989	1990	1991	1992	1993	1994 <sup>3</sup>	1995	1996	1997	1998
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Numbers in thousands																
<b>All students</b> .....	<b>5,675</b>	<b>7,413</b>	<b>9,697</b>	<b>10,181</b>	<b>10,863</b>	<b>10,937</b>	<b>11,066</b>	<b>11,303</b>	<b>11,589</b>	<b>11,671</b>	<b>11,409</b>	<b>12,298</b>	<b>12,046</b>	<b>12,448</b>	<b>12,640</b>	<b>12,860</b>
White, non-Hispanic <sup>4</sup>																
Total .....	5,317	6,759	8,141	8,453	8,781	8,616	8,786	8,892	8,916	8,883	8,592	9,076	8,973	8,943	9,087	9,089
Men .....	3,326	4,066	4,566	4,225	4,361	4,155	4,220	4,298	4,323	4,207	4,168	4,313	4,319	4,222	4,353	4,346
Women .....	1,991	2,693	3,576	4,228	4,420	4,461	4,565	4,594	4,594	4,676	4,424	4,764	4,654	4,721	4,734	4,743
Black, non-Hispanic <sup>4</sup>																
Total .....	274	522	927	996	1,036	1,096	1,116	1,167	1,190	1,205	1,227	1,469	1,415	1,513	1,500	1,640
Men .....	126	253	433	431	458	423	425	508	523	467	515	641	579	633	595	649
Women .....	148	269	494	565	578	674	690	659	667	738	713	828	837	879	904	991
Hispanic origin																
Total .....	—	—	411	443	579	654	640	617	721	816	867	982	1,014	1,039	1,109	1,166
Men .....	—	—	219	222	280	313	311	297	310	349	391	443	495	440	495	485
Women .....	—	—	192	221	299	341	330	321	411	468	475	539	519	599	614	680
Year of college																
First .....	1,861	2,212	2,886	2,958	2,956	3,131	2,983	3,109	2,995	3,274	3,139	3,357	3,236	3,295	3,637	3,521
Second .....	1,256	1,739	2,376	2,411	2,585	2,598	2,680	2,798	2,959	3,002	2,964	3,075	3,068	3,060	2,764	3,148
Third .....	896	1,248	1,491	1,716	1,931	1,979	2,017	1,958	2,009	2,136	2,080	2,244	2,239	2,235	2,280	2,362
Fourth .....	803	1,074	1,354	1,403	1,642	1,631	1,676	1,817	1,877	1,681	1,692	1,902	1,772	2,033	2,010	1,863
Fifth or higher .....	859	1,140	1,590	1,692	1,749	1,598	1,711	1,620	1,749	1,578	1,535	1,719	1,731	1,823	1,948	1,966
Percentage distribution																
<b>All students</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
White, non-Hispanic <sup>4</sup>																
Total .....	93.7	91.2	84.0	83.0	80.8	78.8	79.4	78.7	76.9	76.1	75.3	73.8	74.5	71.8	71.9	70.7
Men .....	58.6	54.8	47.1	41.5	40.1	38.0	38.1	38.0	37.3	36.0	36.5	35.1	35.9	33.9	34.4	33.8
Women .....	35.1	36.3	36.9	41.5	40.7	40.8	41.3	40.6	39.6	40.1	38.8	38.7	38.6	37.9	37.5	36.9
Black, non-Hispanic <sup>4</sup>																
Total .....	4.8	7.0	9.6	9.8	9.5	10.0	10.1	10.3	10.3	10.3	10.8	11.9	11.7	12.2	11.9	12.8
Men .....	2.2	3.4	4.5	4.2	4.2	3.9	3.8	4.5	4.5	4.0	4.5	5.2	4.8	5.1	4.7	5.1
Women .....	2.6	3.6	5.1	5.5	5.3	6.2	6.2	5.8	5.8	6.3	6.2	6.7	6.9	7.1	7.2	7.7
Hispanic origin																
Total .....	—	—	4.2	4.4	5.3	6.0	5.8	5.5	6.2	7.0	7.6	8.0	8.4	8.3	8.8	9.1
Men .....	—	—	2.3	2.2	2.6	2.9	2.8	2.6	2.7	3.0	3.4	3.6	4.1	3.5	3.9	3.8
Women .....	—	—	2.0	2.2	2.8	3.1	3.0	2.8	3.5	4.0	4.2	4.4	4.3	4.8	4.9	5.3
Year of college																
First .....	32.8	29.8	29.8	29.1	27.2	28.6	27.0	27.5	25.8	28.1	27.5	27.3	26.9	26.5	28.8	27.4
Second .....	22.1	23.5	24.5	23.7	23.8	23.8	24.2	24.8	25.5	25.7	26.0	25.0	25.5	24.6	21.9	24.5
Third .....	15.8	16.8	15.4	16.9	17.8	18.1	18.2	17.3	17.3	18.3	18.2	18.3	18.6	18.0	18.0	18.4
Fourth .....	14.1	14.5	14.0	13.8	15.1	14.9	15.1	16.1	16.2	14.4	14.8	15.5	14.7	16.3	15.9	14.5
Fifth or higher .....	15.1	15.4	16.4	16.6	16.1	14.6	15.5	14.3	15.1	13.5	13.5	14.0	14.4	14.6	15.4	15.3

<sup>1</sup>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.

<sup>2</sup>Data for 1985 to 1993 are controlled to 1980 census base.

<sup>3</sup>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.

<sup>4</sup>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 October 1999.)

Table 216.—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 <sup>1</sup>				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
<b>Total</b> .....	<b>19,444</b>	<b>53.0</b>	<b>26.3</b>	<b>20.7</b>	<b>8,887</b>	<b>48.1</b>	<b>27.0</b>	<b>24.9</b>	<b>7,791</b>	<b>71.4</b>	<b>17.1</b>	<b>11.5</b>	<b>2,767</b>	<b>17.4</b>	<b>49.5</b>	<b>33.1</b>
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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	50	89.0	8.8	2.2	22	16.3	73.5	10.2
Area studies .....	—	—	—	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24	76.2	11.5	12.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
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 .....	—	—	—	—	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	55	78.2	16.1	5.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	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	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Philosophy and religion ..	90	44.6	33.9	21.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	46	71.5	15.0	13.5	42	12.5	56.1	31.4
Physical science .....	178	63.4	29.1	7.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	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 <sup>3</sup> .....	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

<sup>1</sup> Includes less-than-2-year schools.<sup>2</sup> Too few sample cases for a reliable estimate.<sup>3</sup> 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 217.—Graduate enrollment in science and engineering programs in institutions of higher education, by field of study: United States and outlying areas, fall 1985 to fall 1997

Table with 15 columns representing years from 1985 to 1997 and a final column for percent change. Rows include categories like 'Total, all sciences and engineering', 'Engineering, total', 'All sciences, total', and various sub-fields such as 'Physical sciences', 'Life sciences', 'Social sciences', and 'Other sciences'. Each row contains enrollment numbers for each year and a percentage change from 1990 to 1997.

1 Includes estimates for master's degree granting institutions which were surveyed on a sample basis from 1985 through 1987.

SOURCE: National Science Foundation, Division of Science Resources Studies, Survey of Graduate Students and Postdoctorates in Science and Engineering: Fall 1997. (This table was prepared August 1999.)

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

**Table 218.—Degree-granting 2-year and 4-year institutions, by type, control, and size of enrollment:  
Fall 1996 and Fall 1997**

Control of institution and size of total enrollment	All institutions		Universities		All other 4-year institutions		2-year institutions	
	Number <sup>1</sup>	Enrollment	Number <sup>1</sup>	Enrollment	Number <sup>1</sup>	Enrollment	Number <sup>1</sup>	Enrollment
1	2	3	4	5	6	7	8	9
Fall 1996								
<b>Total</b> .....	<b>3,842</b>	<b>14,367,520</b>	<b>156</b>	<b>2,984,965</b>	<b>2,044</b>	<b>5,819,228</b>	<b>1,642</b>	<b>5,563,327</b>
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
Fall 1997								
<b>Total</b> .....	<b>3,885</b>	<b>14,502,334</b>	<b>156</b>	<b>2,995,886</b>	<b>2,065</b>	<b>5,900,879</b>	<b>1,664</b>	<b>5,605,569</b>
Under 200 .....	478	55,602	0	0	244	26,916	234	28,686
200 to 499 .....	560	187,517	0	0	245	83,777	315	103,740
500 to 999 .....	522	373,262	0	0	339	247,619	183	125,643
1,000 to 2,499 .....	894	1,474,597	0	0	597	965,376	297	509,221
2,500 to 4,999 .....	576	1,997,271	4	16,211	296	1,017,603	276	963,457
5,000 to 9,999 .....	454	3,173,795	28	212,154	209	1,433,280	217	1,528,361
10,000 to 19,999 .....	277	3,820,769	54	751,252	114	1,584,104	109	1,485,413
20,000 to 29,999 .....	93	2,235,112	46	1,112,351	18	447,563	29	675,198
30,000 or more .....	31	1,184,409	24	903,918	3	94,641	4	185,850
<b>Public institutions</b> .....	<b>1,657</b>	<b>11,196,119</b>	<b>94</b>	<b>2,231,273</b>	<b>514</b>	<b>3,604,160</b>	<b>1,049</b>	<b>5,360,686</b>
Under 200 .....	27	4,025	0	0	2	192	25	3,833
200 to 499 .....	58	20,422	0	0	10	3,858	48	16,564
500 to 999 .....	109	80,055	0	0	29	22,427	80	57,628
1,000 to 2,499 .....	356	619,011	0	0	89	151,890	267	467,121
2,500 to 4,999 .....	386	1,362,913	0	0	115	413,918	271	948,995
5,000 to 9,999 .....	366	2,583,645	6	51,421	144	1,012,140	216	1,520,084
10,000 to 19,999 .....	239	3,323,688	26	380,744	104	1,457,531	109	1,485,413
20,000 to 29,999 .....	87	2,086,791	40	964,030	18	447,563	29	675,198
30,000 or more .....	29	1,115,569	22	835,078	3	94,641	4	185,850
<b>Private institutions</b> .....	<b>2,228</b>	<b>3,306,215</b>	<b>62</b>	<b>764,613</b>	<b>1,551</b>	<b>2,296,719</b>	<b>615</b>	<b>244,883</b>
Under 200 .....	451	51,577	0	0	242	26,724	209	24,853
200 to 499 .....	502	167,095	0	0	235	79,919	267	87,176
500 to 999 .....	413	293,207	0	0	310	225,192	103	68,015
1,000 to 2,499 .....	538	855,586	0	0	508	813,486	30	42,100
2,500 to 4,999 .....	190	634,358	4	16,211	181	603,685	5	14,462
5,000 to 9,999 .....	88	590,150	22	160,733	65	421,140	1	8,277
10,000 to 19,999 .....	38	497,081	28	370,508	10	126,573	0	0
20,000 to 29,999 .....	6	148,321	6	148,321	0	0	0	0
30,000 or more .....	2	68,840	2	68,840	0	0	0	0
<b>Nonprofit institutions</b> .....	<b>1,625</b>	<b>2,977,614</b>	<b>62</b>	<b>764,613</b>	<b>1,401</b>	<b>2,141,207</b>	<b>162</b>	<b>71,794</b>
Under 200 .....	286	31,435	0	0	225	25,039	61	6,396
200 to 499 .....	239	80,531	0	0	185	62,412	54	18,119
500 to 999 .....	307	222,387	0	0	270	197,145	37	25,242
1,000 to 2,499 .....	491	785,460	0	0	483	774,238	8	11,222
2,500 to 4,999 .....	172	578,233	4	16,211	167	559,484	1	2,538
5,000 to 9,999 .....	84	565,326	22	160,733	61	396,316	1	8,277
10,000 to 19,999 .....	38	497,081	28	370,508	10	126,573	0	0
20,000 to 29,999 .....	6	148,321	6	148,321	0	0	0	0
30,000 or more .....	2	68,840	2	68,840	0	0	0	0
<b>Proprietary institutions</b> .....	<b>603</b>	<b>328,601</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>155,512</b>	<b>453</b>	<b>173,089</b>
Under 200 .....	165	20,142	0	0	17	1,685	148	18,457
200 to 499 .....	263	86,564	0	0	50	17,507	213	69,057
500 to 999 .....	106	70,820	0	0	40	28,047	66	42,773
1,000 to 2,499 .....	47	70,126	0	0	25	39,248	22	30,878
2,500 to 4,999 .....	18	56,125	0	0	14	44,201	4	11,924
5,000 to 9,999 .....	4	24,824	0	0	4	24,824	0	0
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

<sup>1</sup> 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.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment surveys. (This table was prepared July 1999.)

NOTE.—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.

**Table 219.—Enrollment of the 120 largest college and university campuses: Fall 1997**

Institution	State	Rank	Control <sup>1</sup>	Type <sup>2</sup>	Total enrollment, fall 1997 <sup>3</sup>	Institution	State	Rank	Control <sup>1</sup>	Type <sup>2</sup>	Total enrollment, fall 1997 <sup>3</sup>
1	2	3	4	5	6	1	2	3	4	5	6
Community College of the Air Force <sup>4</sup>	Ala.	1	1	2	63,717	University of Kansas, Main Campus	Kans.	61	1	1	25,108
The University of Texas at Austin	Tex.	2	1	1	48,857	Texas Tech University	Tex.	62	1	1	25,022
Miami-Dade Community College	Fla.	3	1	2	48,449	University of North Texas	Tex.	63	1	1	25,013
Ohio State University, Main Campus	Ohio	4	1	1	48,278	University of Illinois at Chicago	Ill.	64	1	1	24,921
University of Minnesota, Twin Cities	Minn.	5	1	1	45,410	California State University, Fullerton	Calif.	65	1	1	24,906
Arizona State University, Main Campus	Ariz.	6	1	1	44,255	University of Massachusetts, Amherst	Mass.	66	1	1	24,884
Michigan State University	Mich.	7	1	1	42,603	Central Michigan University	Mich.	67	1	1	24,747
University of Florida	Fla.	8	1	1	41,713	Community College of Southern Nevada	Nev.	68	1	2	24,728
Texas A&M University	Tex.	9	1	1	41,461	University of California, Davis	Calif.	69	1	1	24,551
Pennsylvania State University, Main Campus	Pa.	10	1	1	40,538	Valencia Community College	Fla.	70	1	2	24,470
University of Wisconsin, Madison	Wisc.	11	1	1	39,699	University of North Carolina at Chapel Hill	N.C.	71	1	1	24,368
Houston Community College System	Tex.	12	1	2	38,463	Harvard University	Mass.	72	2	1	24,328
University of Illinois at Urbana	Ill.	13	1	1	38,070	Northeastern University	Mass.	73	2	1	24,325
Purdue University, Main Campus	Ind.	14	1	1	37,447	Georgia State University	Ga.	74	1	1	24,276
University of Michigan, Ann Arbor	Mich.	15	1	1	36,995	Oakland Community College	Mich.	75	1	2	24,223
New York University	N.Y.	16	2	1	36,679	University of New Mexico, Main Campus	N.Mex.	76	1	1	23,956
University of California, Los Angeles	Calif.	17	1	1	35,558	George Mason University	Va.	77	1	1	23,826
University of Washington	Wash.	18	1	1	35,367	Mt. San Antonio College	Calif.	78	1	2	23,803
Northern Virginia Community College	Va.	19	1	2	35,221	Portland Community College	Oreg.	79	1	2	23,782
Indiana University, Bloomington	Ind.	20	1	1	34,937	Salt Lake Community College	Utah	80	1	2	23,590
Rutgers University, New Brunswick	N.J.	21	1	1	34,420	Macomb Community College	Mich.	81	1	2	23,574
University of South Florida	Fla.	22	1	1	34,036	University of Kentucky	Ky.	82	1	1	23,540
University of Arizona	Ariz.	23	1	1	33,737	California State University, Sacramento	Calif.	83	1	1	23,478
University of Maryland, College Park Campus	Md.	24	1	1	32,711	SUNY at Buffalo	N.Y.	84	1	1	23,429
Brigham Young University	Utah	25	2	1	32,161	De Anza College	Calif.	85	1	2	23,420
University of Houston, University Park	Tex.	26	1	1	31,602	University of Oklahoma, Norman Campus	Okla.	86	1	1	23,024
Wayne State University	Mich.	27	1	1	30,729	Pasadena City College	Calif.	87	1	2	22,990
San Diego State University	Calif.	28	1	1	30,593	Santa Rosa Junior College	Calif.	88	1	2	22,922
Florida State University	Fla.	29	1	1	30,401	El Camino College	Calif.	89	1	2	22,856
University of California, Berkeley	Calif.	30	1	1	30,290	University of Nebraska at Lincoln	Nebr.	90	1	1	22,827
Florida International University	Fla.	31	1	1	30,012	Eastern Michigan University	Mich.	91	1	1	22,730
University of Georgia	Ga.	32	1	1	29,693	Santa Monica College	Calif.	92	1	2	22,725
Boston University	Mass.	33	2	1	29,387	Virginia Commonwealth University	Va.	93	1	1	22,702
College of Du Page	Ill.	34	1	2	28,989	University of Missouri, Columbia	Mo.	94	1	1	22,552
Louisiana State U. & A&M & Hebert Laws Center	La.	35	1	1	28,686	West Virginia University	W.Va.	95	1	1	22,238
University of Central Florida	Fla.	36	1	1	28,685	University of Akron, Main Campus	Ohio	96	1	1	22,153
University of Iowa	Iowa	37	1	1	28,409	Northern Illinois University	Ill.	97	1	1	22,082
University of Southern California	Calif.	38	2	1	28,382	University of Wisconsin, Milwaukee	Wisc.	98	1	1	21,951
North Carolina State University at Raleigh	N.C.	39	1	1	28,281	University of Virginia, Main Campus	Va.	99	1	1	21,942
University of Colorado at Boulder	Colo.	40	1	1	28,209	Southern Illinois University, Carbondale	Ill.	100	1	1	21,908
City College of San Francisco	Calif.	41	1	2	28,185	Mesa Community College	Ariz.	101	1	2	21,814
University of Cincinnati, Main Campus	Ohio	42	1	1	28,161	University of Pennsylvania	Pa.	102	2	1	21,643
California State University, Long Beach	Calif.	43	1	1	27,809	Auburn University, Main Campus	Ala.	103	1	1	21,505
Pima Community College	Ariz.	44	1	2	27,761	Orange Coast College	Calif.	104	1	2	21,376
California State University, Northridge	Calif.	45	1	1	27,653	Riverside Community College	Calif.	105	1	2	21,306
Temple University	Pa.	46	1	1	27,652	University of Connecticut	Conn.	106	1	1	21,249
Virginia Polytechnic Institute and State U.	Va.	47	1	1	27,208	Utah State University	Utah	107	1	1	21,234
Indiana U.-Purdue U. at Indianapolis	Ind.	48	1	1	27,036	University of Delaware	Del.	108	1	1	21,166
San Francisco State University	Calif.	49	1	1	26,982	Palomar College	Calif.	109	1	2	21,072
San Jose State University	Calif.	50	1	1	26,897	North Harris-Montgomery Community College	Tex.	110	1	2	21,044
Broward Community College	Fla.	51	1	2	26,472	Kent State University, Main Campus	Ohio	111	1	1	20,743
Colorado State University	Colo.	52	1	1	26,365	Saint Petersburg Junior College	Fla.	112	1	2	20,696
Western Michigan University	Mich.	53	1	1	26,132	Southwest Texas State University	Tex.	113	1	1	20,652
University of Utah	Utah	54	1	1	25,889	Nassau Community College	N.Y.	114	1	2	20,620
Tarrant County Junior College	Tex.	55	1	2	25,856	Florida Community College at Jacksonville	Fla.	115	1	2	20,530
Austin Community College	Tex.	56	1	2	25,850	Illinois State University	Ill.	116	1	1	20,331
University of Pittsburgh, Main Campus	Pa.	57	1	1	25,461	University of Toledo	Ohio	117	1	1	20,307
University of South Carolina at Columbia	S.C.	58	1	1	25,447	Kansas State U. of Ag. and App. Science	Kans.	118	1	1	20,306
University of Tennessee, Knoxville	Tenn.	59	1	1	25,401	University of Louisville	Ky.	119	1	1	20,283
Iowa State University	Iowa	60	1	1	25,384	Columbia University in the City of New York	N.Y.	120	2	1	20,256

<sup>1</sup> Publicly controlled institutions are identified by a "1," and private, nonprofit, by a "2."

<sup>2</sup> The types of institutions are identified as follows: "1" for 4-year institutions; and "2" for 2-year institutions.

<sup>3</sup> College and university campuses ranked by fall 1997 enrollment data.

<sup>4</sup> Estimated.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Fall Enrollment, 1997" survey. (This table was prepared August 1999.)

















**Table 221.—Enrollment and degrees conferred in Hispanic serving institutions, <sup>1</sup> by institution: Fall 1997 and 1996–97—  
Continued**

Institution	Type and control <sup>2</sup>	Total enrollment	Hispanic enrollment	Hispanic proportion of enrollment	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees, to Hispanics, 1996–97	Bachelor's degrees, to Hispanics, 1996–97	Master's degrees, to Hispanics, 1996–97	Doctor's degrees, to Hispanics, 1996–97	First-professional degrees, to Hispanics, 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
South Coast College of Court Reporting .....	6	547	156	28.5	156	—	11	—	—	—	—
The National Hispanic University .....	3	135	115	88.5	75	40	3	14	—	—	—
University of Laverne .....	3	6,026	1,121	18.6	780	341	—	125	68	5	6
Ventura College .....	2	11,424	3,448	30.5	3,448	—	163	—	—	—	—
West Hills Community College .....	2	3,191	1,247	39.2	1,247	—	49	—	—	—	—
Whittier College .....	3	2,104	534	26.1	379	155	—	90	—	—	21
Woodbury University .....	3	1,049	252	28.5	245	7	—	41	5	—	—
<b>Colorado</b>											
Adams State College .....	1	7,074	876	12.4	570	306	3	70	16	—	—
Aims Community College .....	2	6,579	1,188	18.1	1,188	—	55	—	—	—	—
Commonwealth International University .....	4	456	124	27.2	124	—	44	—	—	—	—
Community College of Denver .....	2	6,198	1,887	31.4	1,887	—	44	—	—	—	—
Otero Junior College .....	2	1,305	408	31.3	408	—	33	—	—	—	—
Pima Medical Institute .....	6	308	78	25.3	78	—	2	—	—	—	—
Pueblo Community College .....	2	4,624	1,336	29.0	1,336	—	108	—	—	—	—
Trinidad State Junior College .....	2	2,543	1,017	40.4	1,017	—	72	—	—	—	—
<b>Florida</b>											
American Flyers College .....	6	27	7	30.4	7	—	1	—	—	—	—
Barry University .....	3	6,899	2,040	31.6	1,590	450	—	301	149	2	6
Caribbean Center for Adv. Studies, Miami Inst. Psych. ...	3	656	317	49.5	31	286	—	9	47	13	—
Florida College of Natural Health .....	6	270	184	68.4	184	—	—	—	—	—	—
Florida International University .....	1	30,012	15,024	53.9	12,845	2,179	—	1,973	368	7	—
Florida National College .....	6	481	463	96.3	463	—	25	—	—	—	—
Florida National College, Bird Road Campus .....	6	274	254	92.7	254	—	7	—	—	—	—
Florida National College, Flagler Campus .....	6	370	363	98.1	363	—	6	—	—	—	—
Herzing Institute .....	6	59	19	32.2	19	—	—	—	—	—	—
International Fine Arts College .....	6	779	376	54.6	376	—	94	—	—	—	—
Miami-Dade Community College .....	2	48,449	30,577	64.7	30,577	—	2,993	—	—	—	—
National School of Technology, Hialeah .....	6	396	279	70.5	279	—	—	—	—	—	—
National School of Technology, Miami .....	6	567	306	54.5	306	—	—	—	—	—	—
Saint Thomas University .....	3	2,203	914	45.8	567	347	—	142	63	—	33
Southern College .....	6	408	106	26.0	106	—	25	—	—	—	—
Trinity International University .....	3	401	172	43.5	163	9	—	11	—	—	—
University of Miami .....	3	13,651	3,386	27.7	2,473	913	—	492	216	19	105
<b>Illinois</b>											
City Colleges of Chicago, Harry S Truman College .....	2	16,009	6,445	40.3	6,445	—	48	—	—	—	—
City Colleges of Chicago, Malcolm X College .....	2	9,348	2,436	26.1	2,436	—	29	—	—	—	—
City Colleges of Chicago, Richard J. Daley College .....	2	10,067	5,851	58.1	5,851	—	99	—	—	—	—
City Colleges of Chicago, Wilbur Wright College .....	2	12,276	5,164	42.1	5,164	—	116	—	—	—	—
Lexington College .....	3	40	18	50.0	18	—	3	—	—	—	—
Morton College .....	2	4,222	2,264	54.7	2,264	—	54	—	—	—	—
Northeastern Illinois University .....	1	10,224	2,069	20.4	1,861	208	—	156	18	—	—
Northwestern Business College .....	6	563	226	40.1	226	—	51	—	—	—	—
Saint Augustine College .....	4	1,135	1,045	92.1	1,045	—	163	—	—	—	—
The College of Office Technology .....	6	457	263	57.5	263	—	3	—	—	—	—
<b>Kansas</b>											
Dodge City Community College .....	2	4,580	2,159	47.3	2,159	—	12	—	—	—	—
<b>New Jersey</b>											
Berkeley College .....	6	1,980	446	22.5	446	—	101	—	—	—	—
Hudson County Community College .....	2	4,161	2,123	52.2	2,123	—	84	—	—	—	—
Jersey City State College .....	1	8,503	1,864	22.5	1,583	281	—	215	24	—	—
Passaic County Community College .....	2	3,712	1,933	53.2	1,933	—	78	—	—	—	—
Saint Peter's College .....	3	3,698	841	23.1	807	34	10	63	2	—	—
<b>New Mexico</b>											
Albuquerque Technical Vocational Institute .....	2	16,069	6,423	40.0	6,423	—	203	—	—	—	—
Clovis Community College .....	2	3,841	816	21.3	816	—	40	—	—	—	—
Eastern New Mexico University, Roswell Campus .....	2	2,839	1,111	39.2	1,111	—	85	—	—	—	—
ITT Technical Institute .....	5	290	136	47.6	136	—	48	—	—	—	—
Luna Vocational Technical Institute .....	2	1,192	1,015	85.6	1,015	—	54	—	—	—	—
Metropolitan College of Court Reporting .....	5	66	36	54.5	36	—	1	—	—	—	—
National American University, Albuquerque .....	5	289	97	33.6	97	—	1	5	—	—	—
New Mexico Highlands University .....	1	2,544	1,531	60.8	1,211	320	—	170	56	—	—
New Mexico Junior College .....	2	2,763	761	27.7	761	—	60	—	—	—	—
New Mexico State University, Alamogordo .....	2	2,009	430	21.6	430	—	36	—	—	—	—
New Mexico State University, Carlsbad .....	2	1,144	338	29.6	338	—	14	—	—	—	—
New Mexico State University, Dona Ana .....	2	4,196	2,356	56.5	2,356	—	120	—	—	—	—
New Mexico State University, Grants .....	2	593	204	34.4	204	—	11	—	—	—	—
New Mexico State University, Main Campus .....	1	15,067	5,439	37.6	4,870	569	—	537	116	14	—
Northern New Mexico Community College .....	2	2,134	1,527	71.6	1,527	—	90	—	—	—	—
Parks College .....	6	722	472	65.4	472	—	5	—	—	—	—
Pima Medical Institute .....	6	218	103	47.2	103	—	9	—	—	—	—
Santa Fe Community College .....	2	3,497	1,691	48.4	1,691	—	63	—	—	—	—
The Art Center .....	6	121	43	35.5	43	—	26	—	—	—	—
University of New Mexico, Los Alamos Campus .....	2	843	282	33.9	282	—	11	—	—	—	—
University of New Mexico, Main Campus .....	1	23,956	6,004	25.7	4,663	1,341	—	670	166	15	38
University of New Mexico, Taos Education Center .....	2	848	532	62.9	532	—	3	—	—	—	—
University of New Mexico, Valencia County Branch .....	2	1,481	758	51.3	758	—	56	—	—	—	—
University of Phoenix, Albuquerque Norman Campus .....	5	2,106	983	46.7	719	264	10	105	41	—	—
Western New Mexico University .....	1	2,579	1,036	41.1	901	135	30	88	22	—	—
<b>New York</b>											
Berkeley College of New York City .....	6	1,252	426	34.0	426	—	84	—	—	—	—

**Table 221.—Enrollment and degrees conferred in Hispanic serving institutions, <sup>1</sup> by institution: Fall 1997 and 1996–97—  
Continued**

Institution	Type and control <sup>2</sup>	Total enrollment	Hispanic enrollment	Hispanic proportion of enrollment	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees, to Hispanics, 1996–97	Bachelor's degrees, to Hispanics, 1996–97	Master's degrees, to Hispanics, 1996–97	Doctor's degrees, to Hispanics, 1996–97	First-professional degrees, to Hispanics, 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
Boricua College .....	3	1,166	1,030	88.3	1,019	11	182	159	—	—	—
College of Aeronautics .....	3	1,102	441	42.2	441	—	16	19	—	—	—
College of Mount Saint Vincent .....	3	1,597	321	20.4	297	24	1	24	5	—	—
CUNY Borough of Manhattan Community College .....	2	16,141	5,076	34.0	5,076	—	452	—	—	—	—
CUNY Bronx Community College .....	2	7,600	3,976	53.5	3,976	—	383	—	—	—	—
CUNY City College .....	1	12,083	3,889	36.0	2,961	928	—	373	215	—	—
CUNY Hostos Community College .....	2	4,177	3,250	78.1	3,250	—	307	—	—	—	—
CUNY John Jay College Criminal Justice .....	1	10,834	3,873	36.0	3,735	138	627	348	17	—	—
CUNY La Guardia Community College .....	2	10,925	4,299	44.1	4,299	—	493	—	—	—	—
CUNY Lehman College .....	1	9,283	3,920	42.7	3,434	486	—	477	91	—	—
CUNY New York City Technical College .....	1	11,124	2,797	25.5	2,797	—	246	37	—	—	—
Katharine Gibbs School, New York City .....	6	1,239	348	28.1	348	—	53	—	—	—	—
Monroe College, Main Campus .....	5	2,664	1,309	51.3	1,309	—	348	—	—	—	—
Plaza Business Institute .....	6	673	201	30.2	201	—	65	—	—	—	—
Technical Career Institutes .....	6	3,533	1,363	38.8	1,363	—	227	—	—	—	—
Wood Tobe, Coburn School .....	6	469	224	47.9	224	—	42	—	—	—	—
<b>Oregon</b>											
Mount Angel Seminary .....	3	192	53	30.5	36	17	—	4	—	—	2
<b>Pennsylvania</b>											
Allentown Business School .....	6	889	229	25.8	229	—	15	—	—	—	—
Newport Business Institute .....	6	136	57	41.9	57	—	—	—	—	—	—
<b>Texas</b>											
American Commercial College .....	6	190	104	54.7	104	—	—	—	—	—	—
Art Institute of Houston .....	6	1,437	339	23.9	339	—	69	—	—	—	—
Austin Business College .....	6	154	73	47.4	73	—	—	—	—	—	—
Bee County College .....	2	2,888	1,614	56.0	1,614	—	93	—	—	—	—
Del Mar College .....	2	10,424	5,399	52.6	5,399	—	292	—	—	—	—
El Paso Community College .....	2	19,674	16,065	83.1	16,065	—	506	—	—	—	—
Executive Secretarial School of Texas .....	6	539	202	37.5	202	—	43	—	—	—	—
Hallmark Institute of Technology .....	6	452	201	44.7	201	—	84	—	—	—	—
ITT Technical Institute, Austin .....	6	536	156	30.5	156	—	47	—	—	—	—
ITT Technical Institute, San Antonio .....	6	602	306	52.9	306	—	—	—	—	—	—
Laredo Community College .....	2	7,446	7,104	96.5	7,104	—	399	—	—	—	—
Microcomputer Technology Institute, Houston .....	6	278	97	34.9	97	—	45	—	—	—	—
Microcomputer Technology Institute, Friendswood .....	6	226	72	31.9	72	—	80	—	—	—	—
Mountain View College .....	2	5,340	1,554	29.3	1,554	—	66	—	—	—	—
Oblate School of Theology .....	3	119	28	31.1	6	22	—	—	1	—	3
Odessa College .....	2	5,071	1,602	31.6	1,602	—	61	—	—	—	—
Our Lady of the Lake University, San Antonio .....	3	3,666	1,877	51.5	1,516	361	—	229	97	—	—
Palo Alto College .....	2	6,685	4,292	64.2	4,292	—	106	—	—	—	—
Saint Edward's University .....	3	3,101	832	28.1	763	69	—	139	12	—	—
San Antonio College .....	2	19,594	9,633	49.6	9,633	—	238	—	—	—	—
South Texas Community College .....	2	6,868	6,465	94.2	6,465	—	44	—	—	—	—
Southwest College Institute for the Deaf .....	2	96	32	33.3	32	—	0	—	—	—	—
Southwest Institute of Merchandising And Design .....	6	248	177	72.0	177	—	49	—	—	—	—
Southwest Texas Junior College .....	2	3,415	2,590	76.0	2,590	—	163	—	—	—	—
St. Mary's University .....	3	4,203	2,165	53.7	1,682	483	—	315	54	1	53
St. Philip's College .....	2	7,577	3,566	47.1	3,566	—	198	—	—	—	—
Sul Ross State University .....	1	3,296	1,603	49.0	1,170	433	3	158	69	—	—
Texas A & M International University .....	1	2,842	2,522	93.1	1,877	645	—	286	112	—	—
Texas A & M University, Corpus Christi .....	1	6,024	2,170	36.4	1,621	549	—	302	120	1	—
Texas A & M University, Kingsville .....	1	6,050	3,799	65.5	3,245	554	—	434	108	5	—
Texas Southmost College .....	2	6,859	6,421	94.5	6,421	—	344	—	—	—	—
Texas State Technical College, Harlingen .....	2	3,190	2,751	86.5	2,751	—	176	—	—	—	—
The University of Texas at Brownsville .....	1	2,616	2,155	84.6	1,680	475	—	381	76	—	—
The University of Texas at El Paso .....	1	15,176	10,038	73.8	8,998	1,040	—	1,141	176	1	—
The University of Texas at San Antonio .....	1	17,494	7,089	41.2	6,341	748	—	912	112	1	—
The University of Texas of the Permian Basin .....	1	2,130	491	23.1	410	81	—	65	6	—	—
The University of Texas, Pan American .....	1	12,501	10,936	89.0	10,064	872	35	1,020	165	—	—
University of Houston, Downtown .....	1	8,194	2,626	33.4	2,626	—	—	153	—	—	—
University of the Incarnate Word .....	3	3,312	1,652	51.6	1,436	216	—	218	46	—	—
Victoria College .....	2	3,822	1,034	27.1	1,034	—	50	—	—	—	—
Western Technical Institute, El Paso .....	6	437	349	79.9	349	—	76	—	—	—	—
Western Technical Institute, Texas Street, El Paso .....	6	266	236	88.7	236	—	127	—	—	—	—
<b>Utah</b>											
Mountain West College, Salt Lake City .....	6	391	173	45.3	173	—	7	—	—	—	—
<b>Washington</b>											
Heritage College .....	3	1,152	233	20.2	167	66	3	26	13	—	—
<b>West Virginia</b>											
National Institute of Technology, A Corinthian School .....	6	356	350	98.3	350	—	—	—	—	—	—
<b>Puerto Rico</b>											
American University of Puerto Rico, Manata .....	3	1,540	1,540	100.0	1,540	—	52	113	—	—	—
American University of Puerto Rico, Bayamon .....	3	1,467	1,466	99.9	1,466	—	27	133	—	—	—
Atlantic College .....	3	318	318	100.0	318	—	47	25	—	—	—
Bayamon Central University .....	3	2,961	2,961	100.0	2,868	93	14	279	40	—	—
Caribbean Center For Advanced Studies .....	3	554	554	100.0	51	503	—	4	33	41	—
Caribbean University, Bayamon .....	3	1,303	1,303	100.0	1,272	31	52	148	6	—	—
Caribbean University, Carolina .....	3	291	291	100.0	291	—	2	44	—	—	—
Caribbean University, Ponce .....	3	574	574	100.0	528	46	2	34	—	—	—
Caribbean University, Vega Baja .....	3	312	312	100.0	312	—	—	25	—	—	—

**Table 221.—Enrollment and degrees conferred in Hispanic serving institutions, <sup>1</sup> by institution: Fall 1997 and 1996–97—Continued**

Institution	Type and control <sup>2</sup>	Total enrollment	Hispanic enrollment	Hispanic proportion of enrollment	Hispanic undergraduate	Hispanic post-baccalaureate	Associate degrees, to Hispanics, 1996–97	Bachelor's degrees, to Hispanics, 1996–97	Master's degrees, to Hispanics, 1996–97	Doctor's degrees, to Hispanics, 1996–97	First-professional degrees, to Hispanics, 1996–97
1	2	3	4	5	6	7	8	9	10	11	12
Colegio Biblico Pentecostal De Puerto Rico .....	3	156	156	100.0	156	—	—	13	—	—	—
Colegio Universitario Del Este .....	3	5,939	5,939	100.0	5,939	—	261	212	—	—	—
Columbia College, Yauco .....	6	337	337	100.0	337	—	6	—	—	—	—
Columbia College, Carr .....	5	1,151	1,151	100.0	1,151	—	159	108	—	—	—
Conservatory of Music of Puerto Rico .....	1	242	242	100.0	242	—	—	27	—	—	—
Electronic Data Processing College of Puerto Rico Inc. ....	5	805	805	100.0	748	57	49	22	2	—	—
Escuela De Artes Plasticas De Puerto Rico .....	1	277	277	100.0	277	—	—	18	—	—	—
Humacao Community College .....	4	426	426	100.0	426	—	87	—	—	—	—
ICPR Junior College, Arecibo .....	6	513	513	100.0	513	—	71	—	—	—	—
ICPR Junior College, General Institutional .....	6	519	519	100.0	519	—	137	—	—	—	—
ICPR Junior College, Mayaguez .....	6	784	784	100.0	784	—	123	—	—	—	—
Inter American Univ. of Puerto Rico, Aguadilla .....	3	2,600	2,600	100.0	2,600	—	40	222	—	—	—
Inter American Univ. of Puerto Rico, Arecibo .....	3	3,515	3,515	100.0	3,511	4	77	456	—	—	—
Inter American Univ. of Puerto Rico, Barranquitas .....	3	1,503	1,503	100.0	1,503	—	39	146	—	—	—
Inter American Univ. of Puerto Rico, Bayamon .....	3	3,926	3,926	100.0	3,926	—	26	357	—	—	—
Inter American Univ. of Puerto Rico, Fajardo .....	3	1,547	1,547	100.0	1,547	—	19	137	—	—	—
Inter American Univ. of Puerto Rico, Guayama .....	3	1,596	1,596	100.0	1,596	—	79	163	—	—	—
Inter American Univ. of Puerto Rico, Metro .....	3	10,390	10,390	100.0	8,119	2,271	20	1,090	201	7	—
Inter American Univ. of Puerto Rico, Ponce .....	3	3,443	3,443	100.0	3,443	—	69	297	—	—	—
Inter American Univ. of Puerto Rico, San German .....	3	5,107	5,107	100.0	4,299	808	38	585	187	—	—
Inter American Univ. of Puerto Rico, School of Law .....	3	683	683	100.0	—	683	—	—	—	—	141
Inter American University School of Optometry .....	3	145	145	100.0	—	145	—	—	—	—	31
National College of Business and Tech., Arecibo .....	6	745	745	100.0	745	—	83	—	—	—	—
National College of Business and Tech., Bayamon .....	6	1,665	1,665	100.0	1,665	—	160	—	—	—	—
Ponce School of Medicine .....	3	275	248	91.5	—	248	—	—	—	1	60
Pontifical Catholic Univ. of Puerto Rico, Arecibo .....	3	688	688	100.0	688	—	—	—	—	—	—
Pontifical Catholic Univ. of Puerto Rico, Guayama .....	3	642	642	100.0	642	—	—	—	—	—	—
Pontifical Catholic Univ. of Puerto Rico, Mayaguez .....	3	1,882	1,882	100.0	1,882	—	—	—	—	—	—
Pontifical Catholic Univ. of Puerto Rico, Ponce .....	3	7,514	7,514	100.0	6,174	1,340	38	1,112	139	—	136
Ramirez College of Business and Technology .....	6	605	605	100.0	605	—	80	—	—	—	—
Universidad Adventista De Las Antillas .....	3	769	719	98.1	719	—	46	72	—	—	—
Universidad Central Del Caribe .....	3	359	340	94.7	76	264	23	—	—	—	61
Universidad Del Turabo .....	3	7,526	7,526	100.0	6,576	950	56	565	134	—	—
Universidad Metropolitana .....	3	4,948	4,948	100.0	4,573	375	90	411	57	—	—
Universidad Politecnica De Puerto Rico .....	3	4,622	4,622	100.0	4,413	209	—	491	33	—	—
University of Phoenix, Puerto Rico Campus .....	5	1,158	1,129	97.5	—	1,129	—	—	287	—	—
University of Puerto Rico, Aguadilla Regional College ...	1	3,351	3,351	100.0	3,351	—	152	116	—	—	—
University of Puerto Rico, Arecibo Campus .....	1	4,665	4,665	100.0	4,665	—	224	420	—	—	—
University of Puerto Rico, Bayamon Tech Univ College .....	1	5,826	5,826	100.0	5,826	—	104	397	—	—	—
University of Puerto Rico, Cayey University College .....	1	3,944	3,944	100.0	3,944	—	15	425	—	—	—
University of Puerto Rico, Humacao University College .....	1	4,325	4,324	100.0	4,324	—	158	460	—	—	—
University of Puerto Rico, La Montana Regional College .....	2	1,330	1,330	100.0	1,330	—	90	—	—	—	—
University of Puerto Rico, Medical Sciences Campus ...	1	2,786	2,786	100.0	1,154	1,632	48	288	142	2	118
University of Puerto Rico, Ponce Tech Univ College .....	1	4,345	4,345	100.0	4,345	—	114	217	—	—	—
University of Puerto Rico, Rio Piedras Campus .....	1	21,164	21,164	100.0	17,462	3,702	—	2,037	342	44	120
University of Sacred Heart .....	3	4,915	4,915	100.0	4,555	360	15	530	29	—	—

<sup>1</sup> Hispanic-serving institutions pursuant to 302(d) of Public Law 102–325 (20 U.S.C. 1059c), most recently amended December 20, 1993, in 2(a)(7) of public law 103–208, where Hispanic serving institutions are defined as those with full-time undergraduate enrollment of Hispanic students at 25 percent or more of total enrollment.

<sup>2</sup> 1=public, 4-year; 2=public, 2-year; 3=private nonprofit, 4-year; 4=private nonprofit, 2-year; 5=private proprietary, 4-year; and 6=private proprietary, 2-year.

—Data not available or not applicable.

NOTE.—Enrollment data are for fall 1997 and degree data are for 1996–97.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions, 1996–97" and "Fall Enrollment, 1997" surveys. (This table was prepared October 1999.)

**Table 222.—Enrollment and degrees conferred in tribally controlled institutions,<sup>1</sup> by institution:  
Fall 1997 and 1996–97**

Institution	Type and control <sup>2</sup>	Total enrollment	American Indian/Alaska Native enrollment	American Indian/Alaska Native proportion of enrollment	American Indian/Alaska Native undergraduate	American Indian/Alaska Native post-baccalaureate	Associate degrees, to American Indian/Alaska Native, 1996–97	Bachelor's degrees, to American Indian/Alaska Native, 1996–97	Master's degrees, to American Indian/Alaska Native, 1996–97
1	2	3	4	5	6	7	8	9	10
<b>Tribally controlled institutions</b> .....	—	<b>12,182</b>	<b>9,888</b>	<b>77.0</b>	<b>9,820</b>	<b>68</b>	<b>882</b>	<b>67</b>	<b>4</b>
<b>Arizona</b>									
Dine College .....	2	1,732	1,597	92.2	1,597	—	162	—	—
<b>California</b>									
D-Q University .....	4	314	139	44.6	139	—	14	—	—
<b>Kansas</b>									
Haskell Indian Nations University .....	1	846	846	100.0	846	—	112	6	—
<b>Michigan</b>									
Bay Mills Community College .....	2	453	311	68.7	311	—	14	—	—
<b>Minnesota</b>									
Fond Du Lac Tribal and Community College .....	2	704	110	15.6	110	—	2	—	—
<b>Montana</b>									
Blackfeet Community College .....	4	411	376	91.5	376	—	75	—	—
Dull Knife Memorial College .....	4	508	384	75.6	384	—	14	—	—
Fort Belknap College .....	2	218	178	81.7	178	—	23	—	—
Fort Peck Community College .....	2	360	285	79.2	285	—	22	—	—
Little Big Horn College .....	2	243	224	92.2	224	—	18	—	—
Salish Kootenai College .....	3	967	644	66.6	644	—	39	13	—
Stone Child College .....	2	166	156	95.7	156	—	27	—	—
<b>Nebraska</b>									
Nebraska Indian Community College .....	2	223	195	87.4	195	—	5	—	—
<b>New Mexico</b>									
Institute of American Indian Arts .....	2	109	105	97.2	105	—	31	—	—
Southwestern Indian Polytechnic Institute .....	2	656	656	100.0	656	—	35	—	—
<b>North Dakota</b>									
Fort Berthold Community College .....	2	223	188	84.3	188	—	25	—	—
Little Hoop Community College .....	2	142	137	96.5	137	—	8	—	—
Sitting Bull College .....	2	217	201	92.6	201	—	27	—	—
Turtle Mountain Community College .....	2	579	537	92.7	537	—	13	—	—
United Tribes Technical College .....	4	263	237	90.1	237	—	38	—	—
<b>South Dakota</b>									
Cheyenne River Community College .....	2	171	147	86.0	147	—	28	—	—
Oglala Lakota College .....	1	1,219	1,129	92.7	1,077	52	82	31	2
Sinte Gleska University .....	1	766	593	77.4	577	16	35	17	2
Sisseton-Wahpeton Community College .....	2	199	129	64.8	129	—	26	—	—
<b>Washington</b>									
Northwest Indian College .....	2	—	—	—	—	—	—	—	—
<b>Wisconsin</b>									
Lac Courte Oreilles Ojibwa Community College .....	2	493	384	77.9	384	—	7	—	—

<sup>1</sup> These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.

<sup>2</sup> 1=public, 4-year; 2=public, 2-year; 3=private nonprofit, 4-year; and 4=private nonprofit, 2-year.

—Data not available or not applicable.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions, 1996–97" and "Fall Enrollment, 1997" surveys. (This table was prepared October 1999.)



**Table 223.—Selected statistics on historically black colleges and universities:<sup>1</sup> 1980, 1990, 1996, and 1997**

Item	Total	Public		Private	
		4-year	2-year	4-year	2-year
1	2	3	4	5	6
<b>Number of institutions, fall 1997</b>	<b>101</b>	<b>41</b>	<b>10</b>	<b>47</b>	<b>3</b>
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 1997	269,167	175,297	19,377	73,563	930
Men	106,865	69,338	7,921	29,286	320
Men, black	86,641	55,817	3,789	26,755	280
Women	162,302	105,959	11,456	44,277	610
Women, black	135,690	86,509	6,924	41,660	597
Full-time enrollment, fall 1997	209,301	132,231	10,205	66,196	669
Men	85,217	54,426	4,112	26,409	270
Women	124,084	77,805	6,093	39,787	399
Part-time enrollment, fall 1997	59,866	43,066	9,172	7,367	261
Men	21,648	14,912	3,809	2,877	50
Women	38,218	28,154	5,363	4,490	211
<b>Earned degrees conferred, 1996–97</b>					
Associate	3,222	1,275	1,751	96	100
Men	1,079	409	609	21	40
Men, black	511	159	299	16	37
Women	2,143	866	1,142	75	60
Women, black	1,267	370	768	69	60
Bachelor's	29,450	20,221	—	9,229	—
Men	10,713	7,506	—	3,207	—
Men, black	8,928	5,975	—	2,953	—
Women	18,737	12,715	—	6,022	—
Women, black	16,240	10,513	—	5,727	—
Master's	6,421	5,300	—	1,121	—
Men	1,946	1,637	—	309	—
Men, black	1,162	939	—	223	—
Women	4,475	3,663	—	812	—
Women, black	3,043	2,377	—	666	—
Doctor's	239	103	—	136	—
Men	111	39	—	72	—
Men, black	69	21	—	48	—
Women	128	64	—	64	—
Women, black	86	33	—	53	—
First-professional	1,336	504	—	832	—
Men	613	252	—	361	—
Men, black	368	116	—	252	—
Women	723	252	—	471	—
Women, black	517	170	—	347	—
<b>Financial statistics, 1995–96, in thousands of dollars</b>					
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 <sup>2</sup>	816,612	322,323	16,992	474,154	3,142
State governments <sup>2</sup>	942,577	844,659	49,045	48,406	466
Local governments <sup>2</sup>	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

<sup>1</sup>Historically 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.

<sup>2</sup>Includes 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 October 1999.)

**Table 224.—Fall enrollment, degrees conferred, and expenditures in historically black colleges and universities, by institution: 1997**

Institution	Type and control <sup>1</sup>	Enrollment, 1997		Degrees conferred, 1996–97					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
<b>Total</b> .....	—	<b>269,167</b>	<b>222,331</b>	<b>3,222</b>	<b>29,450</b>	<b>6,421</b>	<b>239</b>	<b>1,336</b>	<b>\$3,744,816</b>	<b>\$3,112,805</b>
**Alabama A&M University, AL .....	1	5,094	4,011	—	600	413	17	—	63,407	56,728
Alabama State University, AL .....	1	5,273	4,706	3	504	180	—	—	56,228	47,697
Bishop State Community College, AL <sup>2</sup> .....	2	3,733	2,189	407	—	—	—	—	21,972	20,562
C.A. Fredd State Technical College, AL <sup>3</sup> .....	2	188	88	—	—	—	—	—	—	—
Concordia College, AL .....	3	525	501	15	26	—	—	—	2,942	2,407
J.F. Drake Technical College, AL .....	2	657	328	37	—	—	—	—	4,693	4,549
Lawson State Community College, AL .....	2	1,589	1,554	172	—	—	—	—	11,303	10,620
Miles College, AL .....	3	1,340	1,334	—	143	—	—	—	9,950	8,808
Oakwood College, AL .....	3	1,756	1,490	35	202	—	—	—	23,276	18,593
Selma University, AL <sup>4</sup> .....	3	—	—	—	—	—	—	—	5,036	4,661
Stillman College, AL .....	3	1,035	1,035	—	143	—	—	—	12,497	10,646
Talladega College, AL .....	3	650	643	—	125	—	—	—	12,671	11,464
Trenholm State Technical College, AL .....	2	694	517	58	—	—	—	—	7,293	7,124
**Tuskegee University, AL .....	3	3,023	2,754	—	439	44	—	57	70,736	62,487
Arkansas Baptist College, AR .....	3	199	198	—	17	—	—	—	2,061	1,959
Philander Smith College, AR .....	3	851	822	—	110	—	—	—	6,656	6,200
Shorter College, AR .....	4	171	140	25	—	—	—	—	1,524	1,498
**University of Arkansas, Pine Bluff, AR .....	1	2,953	2,690	—	375	18	—	—	37,250	33,067
**Delaware State College, DE .....	1	3,320	2,373	—	381	82	—	—	45,652	38,872
Howard University, DC .....	3	10,438	8,810	—	1,249	469	93	347	553,976	297,794
**University of the District of Columbia, DC .....	1	4,715	3,808	233	583	134	—	—	98,632	97,399
University of the District of Columbia Law School, DC <sup>5</sup> .....	1	172	107	—	—	—	—	62	—	—
Bethune-Cookman College, FL .....	3	2,523	2,382	—	253	—	—	—	33,555	29,098
Edward Waters College, FL .....	3	482	417	—	71	—	—	—	6,276	5,987
**Florida A&M University, FL .....	1	10,991	9,909	56	1,423	279	4	35	141,996	129,052
Florida Memorial College, FL .....	3	1,643	1,472	—	230	—	—	—	16,402	15,111
Albany State College, GA .....	1	3,232	2,914	—	331	105	—	—	31,345	26,639
Clark Atlanta University, GA .....	3	5,912	5,769	—	596	369	23	—	122,416	116,080
**Fort Valley State College, GA .....	1	2,847	2,613	5	265	142	—	—	34,196	30,163
Interdenominational Theological Center, GA <sup>6</sup> ..	3	395	366	—	—	10	5	80	6,462	6,414
Morehouse College, GA .....	3	3,000	2,992	—	473	—	—	—	51,068	43,304
Morehouse School of Medicine, GA .....	3	186	154	—	—	1	—	30	56,179	56,179
Morris Brown College, GA .....	3	2,091	2,002	—	184	—	—	—	25,661	22,414
Paine College, GA <sup>6</sup> .....	3	852	831	—	54	—	—	—	9,602	8,341
Savannah State College, GA .....	1	2,745	2,536	16	345	1	—	—	29,299	24,315
Spelman College, GA .....	3	1,937	1,887	—	402	—	—	—	42,709	35,654
**Kentucky State University, KY .....	1	2,288	1,187	73	183	21	—	—	36,561	33,374
Dillard University, LA .....	3	1,550	1,535	—	209	—	—	—	<sup>6</sup> 19,322	17,779
Grambling State University, LA .....	1	5,862	5,602	48	830	144	10	—	65,548	47,796
**Southern University and A&M College, Baton Rouge, LA .....	1	9,815	9,285	41	985	258	1	99	95,447	83,120
Southern University, New Orleans, LA .....	1	4,002	3,731	11	465	134	—	—	21,808	20,629
Southern University, Shreveport-Bossier City Campus, LA .....	2	1,345	1,215	102	—	—	—	—	7,392	7,303
Xavier University of Louisiana, LA .....	3	3,506	3,168	—	379	96	—	142	53,337	49,293
Bowie State University, MD .....	1	5,167	3,981	—	485	542	—	—	37,734	32,283
Coppin State College, MD .....	1	3,540	3,327	—	332	114	—	—	26,297	23,701
Morgan State University, MD .....	1	5,909	5,590	—	692	82	5	—	77,314	65,668
**University of Maryland, Eastern Shore, MD ....	1	3,209	2,301	—	341	67	—	—	39,790	32,672
Lewis College of Business, MI .....	4	247	246	15	—	—	—	—	2,020	2,016
**Alcorn State University, MS .....	1	2,847	2,719	30	389	102	—	—	40,535	36,265
Coahoma Community College, MS .....	2	1,141	1,098	86	—	—	—	—	8,518	7,923
Hinds Community College, Utica Campus, MS <sup>7</sup> .....	2	1,351	1,160	335	—	—	—	—	—	—
Jackson State University, MS .....	1	6,333	5,933	—	702	211	9	—	78,054	66,642
Mary Holmes College, MS .....	4	512	491	60	—	—	—	—	7,010	6,724
Mississippi Valley State University, MS .....	1	2,234	2,179	—	275	13	—	—	25,537	21,444
Rust College, MS .....	3	875	804	7	163	—	—	—	11,833	10,306
Tougaloo College, MS .....	3	916	914	—	157	—	—	—	14,109	13,425
Harris-Stowe State College, MO .....	1	1,699	1,267	—	174	—	—	—	12,157	12,157
**Lincoln University, MO .....	1	3,041	741	75	270	79	—	—	29,020	27,039
Barber-Scotia College, NC .....	3	500	498	—	59	—	—	—	4,851	4,385
Bennett College, NC .....	3	617	616	—	105	—	—	—	12,055	11,035

**Table 224.—Fall enrollment, degrees conferred, and expenditures in historically black colleges and universities, by institution: 1997—Continued**

Institution	Type and control <sup>1</sup>	Enrollment, 1997		Degrees conferred, 1996–97					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
Elizabeth City State University, NC .....	1	1,937	1,447	—	379	—	—	—	31,790	26,966
Fayetteville State University, NC .....	1	4,606	3,022	53	564	106	3	—	40,071	34,630
Johnson C. Smith University, NC .....	3	1,357	1,348	—	200	—	—	—	24,847	22,012
Livingstone College, NC .....	3	906	879	—	106	2	—	16	12,134	10,817
**North Carolina Agricultural and Technical State University, NC .....	1	7,585	6,662	—	1,039	196	—	—	108,827	93,633
North Carolina Central University, NC .....	1	5,904	4,850	—	739	246	—	85	63,836	52,968
St. Augustine's College, NC .....	3	1,639	1,488	—	205	—	—	—	27,021	23,463
Shaw University, NC .....	3	2,327	2,240	6	362	—	—	—	26,277	23,758
Winston-Salem State University, NC .....	1	2,957	2,302	—	529	—	—	—	34,652	28,451
Central State University, OH .....	1	1,051	958	—	301	4	—	—	37,644	35,405
Wilberforce University, OH .....	3	932	897	—	154	—	—	—	14,410	11,593
**Langston University, OK .....	1	3,376	2,053	—	558	9	—	—	25,169	21,522
Cheyney University of Pennsylvania, PA .....	1	1,432	1,330	—	146	113	—	—	25,528	22,603
Lincoln University, PA .....	1	2,020	1,888	—	219	109	—	—	27,494	23,825
Allen University, SC .....	3	358	343	—	24	—	—	—	3,008	2,749
Benedict College, SC <sup>6</sup> .....	3	2,203	2,198	—	183	—	—	—	21,983	19,315
Clafin College, SC .....	3	1,006	1,005	—	122	—	—	—	12,635	11,141
Clinton Junior College, SC <sup>4</sup> .....	4	—	—	—	—	—	—	—	—	—
Denmark Technical College, SC .....	2	1,102	1,046	82	—	—	—	—	6,610	5,992
Morris College, SC .....	3	971	970	—	105	—	—	—	10,803	9,513
**South Carolina State College, SC .....	1	4,657	4,299	—	616	160	7	—	54,599	42,937
Voorhees College, SC .....	3	924	905	—	153	—	—	—	9,369	7,859
Fisk University, TN .....	3	765	763	—	151	14	—	—	15,784	13,713
Knoxville College, TN <sup>4</sup> .....	3	—	—	—	—	—	—	—	8,295	7,259
Lane College, TN .....	3	673	670	—	79	—	—	—	8,693	6,815
Le Moyne-Owen College, TN .....	3	990	967	—	120	2	—	—	14,614	14,438
Meharry Medical College, TN .....	3	880	669	—	—	19	9	115	72,541	67,346
**Tennessee State University, TN .....	1	8,625	6,084	157	834	356	26	—	84,191	77,365
Huston-Tillotson College, TX .....	3	698	556	—	72	—	—	—	8,716	7,816
Jarvis Christian College, TX .....	3	472	454	—	63	—	—	—	10,414	9,260
Paul Quinn College, TX .....	3	641	587	—	95	—	—	—	11,231	10,801
**Prairie View A&M University, TX .....	1	6,004	5,167	—	666	344	—	—	73,293	60,085
St. Philip's College, TX .....	2	7,577	1,518	472	—	—	—	—	28,038	27,960
Southwestern Christian College, TX .....	3	190	163	33	4	—	—	—	3,574	3,230
Texas College, TX <sup>4</sup> .....	3	—	—	—	—	—	—	—	5,755	5,262
Texas Southern University, TX .....	1	7,282	6,361	—	658	198	19	223	76,078	70,748
Wiley College, TX .....	3	651	554	—	149	—	—	—	8,384	7,707
Hampton University, VA .....	3	5,705	4,960	—	805	95	—	—	88,680	79,334
Norfolk State University, VA .....	1	7,659	6,482	59	820	180	2	—	72,619	56,872
St. Paul's College, VA .....	3	658	631	—	133	—	—	—	10,752	9,625
**Virginia State University, VA .....	1	4,200	3,796	—	461	126	—	—	49,075	38,279
Virginia Union University, VA .....	3	1,815	1,774	—	155	—	6	45	19,250	17,309
Bluefield State College, WV .....	1	2,513	177	221	215	—	—	—	13,322	12,285
West Virginia State College, WV .....	1	4,603	646	154	397	—	—	—	25,892	21,258
**University of the Virgin Islands, St. Thomas Campus, VI .....	1	1,598	1,292	40	150	32	—	—	35,750	32,024

<sup>1</sup> 1=public 4-year; 2=public 2-year; 3=private 4-year; and 4=private 2-year.  
<sup>2</sup> In 1993 Carver State Technical College and Southwest State Technical College merged with Bishop State Community College.  
<sup>3</sup> School merged with Sheldon State Community College in 1995. Enrollment is for C.A. Fredd State Technical College only. School reported supplemental data.  
<sup>4</sup> School lost accreditation.  
<sup>5</sup> Was formerly included in the University of the District of Columbia. In 1997, it was reported separately.  
<sup>6</sup> Data imputed.

<sup>7</sup> 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, 1997," "Completions, 1996–97," and "Finance, 1995–96" surveys. (This table was prepared October 1999.)

**Table 225.—Fall enrollment in historically black colleges and universities, by type and control of institution: 1976 to 1997**

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
1997	269,167	248,860	20,307	194,674	175,297	19,377	74,493	73,563	930

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 October 1999.)

**Table 226.—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
<b>Total, all institutions</b>	<b>1,863,790</b>	<b>100.0</b>	<b>1,339,911</b>	<b>1,541,339</b>	<b>5.4</b>	<b>2,545,235</b>	<b>100.0</b>	<b>2,094,628</b>	<b>4.9</b>	<b>2,662,075</b>	<b>100.0</b>	<b>2,129,260</b>	<b>4.9</b>
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
<b>Public, total</b>	<b>1,329,122</b>	<b>100.0</b>	<b>946,354</b>	<b>1,092,558</b>	<b>5.8</b>	<b>1,783,328</b>	<b>100.0</b>	<b>1,449,398</b>	<b>5.4</b>	<b>1,865,930</b>	<b>100.0</b>	<b>1,469,140</b>	<b>5.3</b>
Professional staff	769,836	57.9	502,325	601,942	10.5	1,133,264	63.5	868,112	9.1	1,230,006	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
<b>Private, total</b>	<b>534,668</b>	<b>100.0</b>	<b>393,557</b>	<b>448,781</b>	<b>4.4</b>	<b>761,907</b>	<b>100.0</b>	<b>645,231</b>	<b>3.9</b>	<b>796,145</b>	<b>100.0</b>	<b>660,119</b>	<b>3.9</b>
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 227.—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
<b>Total, all institutions</b> .....	<b>2,662,075</b>	<b>2,043,257</b>	<b>273,450</b>	<b>109,972</b>	<b>101,818</b>	<b>13,491</b>	<b>77,758</b>	<b>42,329</b>
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
<b>Men, total</b> .....	<b>1,274,676</b>	<b>980,448</b>	<b>105,860</b>	<b>50,641</b>	<b>55,078</b>	<b>6,128</b>	<b>51,861</b>	<b>24,660</b>
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
<b>Women, total</b> .....	<b>1,387,399</b>	<b>1,062,809</b>	<b>167,590</b>	<b>59,331</b>	<b>46,740</b>	<b>7,363</b>	<b>25,897</b>	<b>17,669</b>
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
<b>Full-time, total</b> .....	<b>1,801,371</b>	<b>1,397,482</b>	<b>216,762</b>	<b>78,632</b>	<b>67,882</b>	<b>9,812</b>	<b>24,815</b>	<b>5,986</b>
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
<b>Part-time, total</b> .....	<b>860,704</b>	<b>645,775</b>	<b>56,688</b>	<b>31,340</b>	<b>33,936</b>	<b>3,679</b>	<b>52,943</b>	<b>36,343</b>
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
<b>Public 4-year</b> .....	<b>1,383,476</b>	<b>1,042,710</b>	<b>144,149</b>	<b>53,894</b>	<b>58,927</b>	<b>7,815</b>	<b>58,593</b>	<b>17,388</b>
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
<b>Private 4-year</b> .....	<b>770,004</b>	<b>591,777</b>	<b>83,314</b>	<b>28,828</b>	<b>31,191</b>	<b>1,882</b>	<b>18,011</b>	<b>15,001</b>
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
<b>Public 2-year</b> .....	<b>482,454</b>	<b>386,804</b>	<b>44,133</b>	<b>26,141</b>	<b>11,258</b>	<b>3,539</b>	<b>1,095</b>	<b>9,484</b>
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
<b>Private 2-year</b> .....	<b>26,141</b>	<b>21,966</b>	<b>1,854</b>	<b>1,109</b>	<b>442</b>	<b>255</b>	<b>59</b>	<b>456</b>
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 228.—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
<b>Total, all employees</b> .....	<b>2,662,075</b>	<b>100.0</b>	<b>1,274,676</b>	<b>1,387,399</b>	<b>52.1</b>	<b>1,801,371</b>	<b>67.7</b>	<b>856,289</b>	<b>945,082</b>	<b>860,704</b>	<b>418,387</b>	<b>442,317</b>
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
<b>Public 4-year, total</b> .....	<b>1,383,476</b>	<b>100.0</b>	<b>676,113</b>	<b>707,363</b>	<b>51.1</b>	<b>986,996</b>	<b>71.3</b>	<b>480,094</b>	<b>506,902</b>	<b>396,480</b>	<b>196,019</b>	<b>200,461</b>
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
<b>Public 2-year, total</b> .....	<b>482,454</b>	<b>100.0</b>	<b>219,665</b>	<b>262,789</b>	<b>54.5</b>	<b>240,511</b>	<b>49.9</b>	<b>107,007</b>	<b>133,504</b>	<b>241,943</b>	<b>112,658</b>	<b>129,285</b>
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
<b>Private 4-year, total</b> .....	<b>770,004</b>	<b>100.0</b>	<b>367,610</b>	<b>402,394</b>	<b>52.3</b>	<b>556,556</b>	<b>72.3</b>	<b>261,741</b>	<b>294,815</b>	<b>213,448</b>	<b>105,869</b>	<b>107,579</b>
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
<b>Private 2-year, total</b> .....	<b>26,141</b>	<b>100.0</b>	<b>11,288</b>	<b>14,853</b>	<b>56.8</b>	<b>17,308</b>	<b>66.2</b>	<b>7,447</b>	<b>9,861</b>	<b>8,833</b>	<b>3,841</b>	<b>4,992</b>
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 230.—Full-time and part-time senior instructional faculty<sup>1</sup> 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 <sup>2</sup>	492	379	113	333	159	—	—	387	105
1972	500	380	120	343	157	—	—	384	116
1973 <sup>2</sup>	527	389	138	365	162	—	—	401	126
1974 <sup>2</sup>	567	406	161	397	170	—	—	427	140
1975 <sup>2</sup>	628	440	188	443	185	—	—	467	161
1976	633	434	199	449	184	—	—	467	166
1977	678	448	230	492	186	—	—	485	193
1979 <sup>2</sup>	675	445	230	488	187	—	—	494	182
1980 <sup>2</sup>	686	450	236	495	191	—	—	494	192
1981	705	461	244	509	196	—	—	493	212
1982 <sup>2</sup>	710	462	248	506	204	—	—	493	217
1983	724	471	254	512	212	—	—	504	220
1984 <sup>2</sup>	717	462	255	505	212	—	—	504	213
1985 <sup>2</sup>	715	459	256	503	212	—	—	504	211
1986 <sup>2</sup>	722	459	263	510	212	—	—	506	216
1987 <sup>3</sup>	793	523	270	553	240	—	—	548	246
1989 <sup>3</sup>	824	524	300	577	247	—	—	584	241
1991 <sup>3</sup>	826	536	291	581	245	—	—	591	235
1993 <sup>3</sup>	915	546	370	650	265	254	11	626	290
1995 <sup>3</sup>	932	551	381	657	275	261	14	647	285

<sup>1</sup> 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.

<sup>2</sup> Estimated on the basis of enrollment.

<sup>3</sup> 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 231.—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 <sup>1</sup>						
1	2	3	4	5	6	7	8	9	10	11
<b>Men and women, all ranks</b>	<b>550,822</b>	<b>468,518</b>	<b>69,505</b>	<b>12.9</b>	<b>26,835</b>	<b>12,942</b>	<b>27,572</b>	<b>2,156</b>	<b>10,853</b>	<b>1,946</b>
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
<b>Men, all ranks</b>	<b>360,150</b>	<b>307,498</b>	<b>43,258</b>	<b>12.3</b>	<b>13,847</b>	<b>7,864</b>	<b>20,285</b>	<b>1,262</b>	<b>8,161</b>	<b>1,233</b>
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
<b>Women, all ranks</b>	<b>190,672</b>	<b>161,020</b>	<b>26,247</b>	<b>14.0</b>	<b>12,988</b>	<b>5,078</b>	<b>7,287</b>	<b>894</b>	<b>2,692</b>	<b>713</b>
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

<sup>1</sup> 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 232.—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
<b>Number of full-time instructional faculty and staff</b> (in thousands)	<b>528</b>	<b>107</b>	<b>32</b>	<b>53</b>	<b>29</b>	<b>94</b>	<b>39</b>	<b>38</b>	<b>110</b>	<b>26</b>
<b>Percentage distribution</b>	<b>100.0</b>	<b>20.3</b>	<b>6.1</b>	<b>10.0</b>	<b>5.4</b>	<b>17.9</b>	<b>7.3</b>	<b>7.2</b>	<b>20.8</b>	<b>5.0</b>
<b>Hours worked per week</b>										
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
<b>Work time distribution (percent)</b>										
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
<b>Preferred work time distribution (percent)</b>										
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
<b>Distribution of hours taught per week (percent)</b>										
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	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
<b>Distribution of number of students taught (percent)</b>										
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	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
<b>Distribution of student classroom contact hours per week<sup>1</sup> (percent)</b>										
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	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
<b>Distribution of total classroom credit hours (percent)</b>										
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	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
<b>Number of classes taught for credit</b>										
<b>Faculty with undergraduate classes only (percent)</b>										
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	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
<b>Faculty with graduate classes only (percent)</b>										
Total graduate credit courses	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
<b>Faculty with both undergraduate and graduate classes (percent)</b>										
Total undergraduate and graduate courses	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	—	—

<sup>1</sup> 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 233.—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
<b>Number of part-time instructional faculty and staff (in thousands)</b>	<b>377</b>	<b>25</b>	<b>17</b>	<b>21</b>	<b>18</b>	<b>47</b>	<b>37</b>	<b>21</b>	<b>166</b>	<b>24</b>
<b>Percentage distribution</b>	<b>100.0</b>	<b>6.7</b>	<b>4.6</b>	<b>5.5</b>	<b>4.8</b>	<b>12.5</b>	<b>9.7</b>	<b>5.6</b>	<b>44.2</b>	<b>6.5</b>
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
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 <sup>1</sup> (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	( <sup>2</sup> )	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	( <sup>2</sup> )	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	( <sup>2</sup> )	1.4	1.0	1.4	—	—	1.8
5 or more	1.2	2.7	( <sup>2</sup> )	0.2	1.0	( <sup>2</sup> )	2.1	—	—	2.2
Faculty with both undergraduate and graduate classes (percent)										
Total undergraduate and graduate courses	100.0	—	—	—	—	—	—	—	—	—
2	48.0	—	—	—	—	—	—	—	—	—
3	35.7	—	—	—	—	—	—	—	—	—
4	10.6	—	—	—	—	—	—	—	—	—
5 or more	5.7	—	—	—	—	—	—	—	—	—

<sup>1</sup> Hours that faculty and instructional staff spend each week with students during classroom instruction multiplied by the number of students taught.<sup>2</sup> 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 234.—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
<b>Full-time instructional faculty and staff</b>												
<b>Total</b> .....	<b>528,260</b>	<b>100.0</b>	<b>58.0</b>	<b>28.4</b>	<b>2.7</b>	<b>2.4</b>	<b>1.8</b>	<b>0.9</b>	<b>3.9</b>	<b>1.3</b>	<b>0.3</b>	<b>0.2</b>
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
<b>Part-time instructional faculty and staff</b>												
<b>Total</b> .....	<b>376,675</b>	<b>100.0</b>	<b>48.6</b>	<b>39.8</b>	<b>2.7</b>	<b>2.1</b>	<b>1.8</b>	<b>1.1</b>	<b>1.9</b>	<b>1.4</b>	<b>0.4</b>	<b>0.2</b>
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	( <sup>1</sup> )
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	—	—

<sup>1</sup> 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 235.—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
<b>Full-time instructional faculty</b>											
<b>Total (in thousands)</b> .....	<b>528</b>	<b>—</b>	<b>107</b>	<b>32</b>	<b>53</b>	<b>29</b>	<b>94</b>	<b>39</b>	<b>38</b>	<b>110</b>	<b>26</b>
<b>Percent</b> .....	<b>—</b>	<b>100.0</b>	<b>20.3</b>	<b>6.1</b>	<b>10.0</b>	<b>5.4</b>	<b>17.9</b>	<b>7.3</b>	<b>7.2</b>	<b>20.8</b>	<b>5.0</b>
Percentage distribution											
<b>Total</b> .....	<b>—</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Sex</b>											
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
<b>Race</b>											
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
<b>Age</b>											
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
<b>Highest degree</b>											
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	( <sup>1</sup> )	( <sup>1</sup> )	0.2	0.1	( <sup>1</sup> )	5.4	0.9
<b>Academic rank</b>											
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
<b>Base salary</b>											
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 235.—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
<b>Part-time instructional faculty</b>											
<b>Total (in thousands) .....</b>	<b>377</b>	<b>—</b>	<b>25</b>	<b>17</b>	<b>21</b>	<b>18</b>	<b>47</b>	<b>37</b>	<b>21</b>	<b>166</b>	<b>24</b>
<b>Percent .....</b>	<b>—</b>	<b>100.0</b>	<b>6.7</b>	<b>4.6</b>	<b>5.5</b>	<b>4.8</b>	<b>12.5</b>	<b>9.7</b>	<b>5.6</b>	<b>44.2</b>	<b>6.5</b>
<b>Percentage distribution</b>											
<b>Total .....</b>	<b>—</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Sex</b>											
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
<b>Race</b>											
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	( <sup>1</sup> )	0.4	0.4	0.2	0.7	0.5	0.1	0.8	1.1
<b>Age</b>											
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
<b>Highest degree</b>											
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	( <sup>1</sup> )	( <sup>1</sup> )	0.2	0.2	0.7	0.2	0.6	9.8	3.8
<b>Academic rank</b>											
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
<b>Base salary</b>											
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	( <sup>1</sup> )
\$70,000 to 84,999 .....	1	0.3	0.2	( <sup>1</sup> )	0.6	1.4	0.2	( <sup>1</sup> )	0.1	0.2	0.9
\$85,000 to 99,999 .....	1	0.3	1.7	1.6	0.1	0.2	( <sup>1</sup> )	( <sup>1</sup> )	0.1	0.1	( <sup>1</sup> )
\$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

<sup>1</sup> 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 236.—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
<b>Full-time instructional faculty and staff</b>												
<b>All institutions .....</b>	<b>528,260</b>	<b>—</b>	<b>306,477</b>	<b>150,265</b>	<b>14,457</b>	<b>12,941</b>	<b>9,289</b>	<b>4,564</b>	<b>20,858</b>	<b>6,851</b>	<b>1,638</b>	<b>920</b>
<b>Percentage distribution .....</b>	<b>—</b>	<b>100.0</b>	<b>58.0</b>	<b>28.4</b>	<b>2.7</b>	<b>2.4</b>	<b>1.8</b>	<b>0.9</b>	<b>3.9</b>	<b>1.3</b>	<b>0.3</b>	<b>0.2</b>
<b>Type and control</b>												
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	( <sup>1</sup> )	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
<b>Academic rank</b>												
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
<b>Age</b>												
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
<b>Base salary</b>												
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	( <sup>1</sup> )	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
<b>Total income</b>												
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	( <sup>1</sup> )
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 236.—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
<b>Part-time instructional faculty and staff</b>												
<b>All institutions</b> .....	<b>376,675</b>	<b>—</b>	<b>182,976</b>	<b>149,814</b>	<b>10,274</b>	<b>7,987</b>	<b>6,965</b>	<b>4,232</b>	<b>7,016</b>	<b>5,135</b>	<b>1,478</b>	<b>797</b>
<b>Percentage distribution</b> .....	<b>—</b>	<b>100.0</b>	<b>48.6</b>	<b>39.8</b>	<b>2.7</b>	<b>2.1</b>	<b>1.8</b>	<b>1.1</b>	<b>1.9</b>	<b>1.4</b>	<b>0.4</b>	<b>0.2</b>
<b>Type and control</b>												
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
<b>Academic rank</b>												
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	—
<b>Age</b>												
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	( <sup>1</sup> )	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	—	—
<b>Base salary</b>												
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	—	—
<b>Total income</b>												
Under \$10,000 .....	70,693	100.0	35.4	52.6	2.3	2.9	1.9	1.3	1.6	1.6	( <sup>1</sup> )	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	—

<sup>1</sup> 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 237.—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
<b>Full-time instructional faculty and staff</b>												
<b>Full-time, in thousands .....</b>	<b>528</b>	<b>—</b>	<b>11</b>	<b>40</b>	<b>37</b>	<b>24</b>	<b>32</b>	<b>79</b>	<b>74</b>	<b>102</b>	<b>58</b>	<b>62</b>
<b>Percent .....</b>	<b>—</b>	<b>100.0</b>	<b>2.2</b>	<b>7.7</b>	<b>7.1</b>	<b>4.7</b>	<b>6.1</b>	<b>15.3</b>	<b>14.2</b>	<b>19.5</b>	<b>11.2</b>	<b>11.9</b>
<b>Percentage distribution of full-time faculty</b>												
<b>Total .....</b>	<b>528</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Sex</b>												
Male .....	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
<b>Race/ethnicity</b>												
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
<b>Age</b>												
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
<b>Degree</b>												
Less than bachelor's .....	6	1.2	0.2	0.5	0.3	2.0	0.7	1.2	( <sup>1</sup> )	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
<b>Rank</b>												
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 237.—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
<b>Part-time instructional faculty and staff</b>												
<b>Part-time, in thousands .....</b>	<b>377</b>	<b>—</b>	<b>3</b>	<b>35</b>	<b>31</b>	<b>12</b>	<b>33</b>	<b>45</b>	<b>60</b>	<b>60</b>	<b>34</b>	<b>60</b>
<b>Percent .....</b>	<b>—</b>	<b>100.0</b>	<b>0.7</b>	<b>9.3</b>	<b>8.3</b>	<b>3.1</b>	<b>8.8</b>	<b>12.0</b>	<b>16.2</b>	<b>16.2</b>	<b>9.1</b>	<b>16.2</b>
Percentage distribution of part-time faculty												
<b>Total .....</b>	<b>377</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Sex</b>												
Male .....	209	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
<b>Race/ethnicity</b>												
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	( <sup>1</sup> )	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	( <sup>1</sup> )	0.6	0.9	1.9	0.6	0.5	0.8	0.7	0.5	0.1
<b>Age</b>												
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
<b>Degree</b>												
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	( <sup>1</sup> )	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
<b>Rank</b>												
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	( <sup>1</sup> )	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	( <sup>1</sup> )	2.8	3.6	0.8	3.9	0.9	3.0	3.5	1.4	1.5

<sup>1</sup> Less than 0.05 percent.

—Not applicable.

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, National Study of Postsecondary Faculty (NSOPF), 1993. (This table was prepared September 1996.)

**Table 238.—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												
<b>Instructional faculty, in thousands</b> .....	<b>515</b>	<b>356</b>	<b>159</b>	<b>102</b>	<b>42</b>	<b>56</b>	<b>25</b>	<b>97</b>	<b>37</b>	<b>38</b>	<b>96</b>	<b>22</b>
<b>All fields</b> .....	<b>\$48,381</b>	<b>\$48,826</b>	<b>\$47,386</b>	<b>\$58,118</b>	<b>\$63,669</b>	<b>\$54,028</b>	<b>\$57,215</b>	<b>\$45,342</b>	<b>\$39,564</b>	<b>\$35,462</b>	<b>\$39,847</b>	<b>\$37,698</b>
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												
<b>Instructional faculty, in thousands</b> .....	<b>478</b>	<b>339</b>	<b>140</b>	<b>89</b>	<b>25</b>	<b>46</b>	<b>23</b>	<b>91</b>	<b>37</b>	<b>37</b>	<b>105</b>	<b>25</b>
<b>All fields</b> .....	<b>\$46,833</b>	<b>\$46,767</b>	<b>\$46,993</b>	<b>\$56,443</b>	<b>\$63,967</b>	<b>\$51,497</b>	<b>\$56,011</b>	<b>\$43,487</b>	<b>\$43,255</b>	<b>\$37,623</b>	<b>\$39,351</b>	<b>\$40,458</b>
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 239.—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, 1996–97, and 1997–98**

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
<b>1980–81</b>									
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
<b>1990–91</b>									
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	45,019	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
<b>1996–97<sup>1</sup></b>									
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
<b>1997–98<sup>1</sup></b>									
All institutions .....	52,335	68,731	50,828	41,830	32,449	35,484	45,268	56,115	45,775
4-year .....	54,211	70,441	51,351	42,105	31,787	35,431	38,644	58,043	46,617
University .....	62,219	80,358	55,401	46,495	32,502	37,337	41,068	66,539	51,426
Other 4-year .....	49,607	63,319	48,980	40,111	31,568	33,808	38,251	52,560	44,445
2-year .....	45,652	54,323	45,811	39,306	34,238	36,608	45,801	47,451	43,649
Public institutions .....	51,638	66,937	50,948	42,147	32,627	34,608	45,812	55,191	45,648
4-year .....	54,114	69,195	51,732	42,582	31,519	34,516	38,614	57,744	46,709
University .....	58,773	75,147	53,584	44,748	30,751	35,924	37,429	62,832	48,884
Other 4-year .....	51,017	64,558	50,428	41,392	31,811	33,508	38,928	54,032	45,521
2-year .....	45,919	54,488	46,078	39,623	34,713	36,199	45,993	47,690	43,943
Private institutions .....	54,039	72,606	50,587	41,245	31,939	38,302	38,000	58,293	46,106
4-year .....	54,379	72,727	50,690	41,349	32,312	38,252	38,658	58,576	46,466
University .....	70,021	91,334	59,843	50,502	38,615	40,411	44,151	74,742	57,532
Other 4-year .....	47,492	61,253	46,892	38,371	31,160	35,125	37,987	50,266	42,934
2-year .....	33,592	39,061	33,553	29,700	24,903	42,226	36,105	36,157	30,995

<sup>1</sup> Data are for degree-granting institutions. Survey coverage is slightly wider than data for higher education institutions tabulated for earlier years.  
—Data not available.

NOTE.—Data for 1990–91 through 1997–98 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 September 1999.)





**Table 241.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions,<sup>1</sup> by type and control of institution and by state: 1997–98**

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
<b>United States</b> .....	<b>\$52,335</b>	<b>\$51,638</b>	<b>\$54,114</b>	<b>\$58,773</b>	<b>\$51,017</b>	<b>\$45,919</b>	<b>\$54,039</b>	<b>\$54,379</b>	<b>\$70,021</b>	<b>\$47,492</b>	<b>\$33,592</b>
Alabama .....	42,623	43,321	45,377	49,640	42,676	37,964	38,827	39,141	—	39,141	26,259
Alaska .....	50,323	51,080	50,979	51,729	50,548	61,909	38,960	38,960	—	38,960	—
Arizona .....	54,270	54,622	56,693	59,949	47,884	50,539	46,480	46,480	—	46,480	—
Arkansas .....	40,769	41,319	44,311	50,511	42,346	33,305	37,902	38,428	—	38,428	19,172
California .....	61,451	61,092	65,009	76,814	62,749	56,462	62,950	63,394	77,937	55,400	34,044
Colorado .....	51,259	50,854	53,655	60,326	48,310	37,875	54,239	54,239	56,862	50,940	—
Connecticut .....	62,828	61,529	64,812	71,779	58,398	50,780	64,184	64,819	83,506	57,162	36,365
Delaware .....	59,204	59,493	62,507	64,878	49,356	44,156	56,224	56,224	—	56,224	—
District of Columbia .....	60,982	48,708	48,708	—	48,708	—	61,204	61,204	62,738	47,621	—
Florida .....	48,972	49,007	53,761	59,093	50,716	42,521	48,846	48,962	61,729	44,824	26,826
Georgia .....	49,710	50,240	52,247	59,098	50,629	39,390	48,212	48,839	73,022	41,979	30,670
Hawaii .....	53,447	53,820	58,800	60,469	49,087	45,628	49,215	49,215	—	49,215	—
Idaho .....	44,230	44,099	45,186	48,792	43,521	37,556	44,649	40,158	—	40,158	46,442
Illinois .....	54,478	52,751	53,317	58,419	49,033	51,793	57,469	57,932	76,217	46,017	30,220
Indiana .....	50,061	49,714	52,079	54,908	46,364	35,913	50,791	51,015	74,134	44,255	31,565
Iowa .....	48,638	52,612	59,685	63,119	50,611	37,460	42,146	42,213	54,529	40,625	33,957
Kansas .....	43,207	44,929	48,862	51,657	42,434	36,453	32,650	33,026	—	33,026	25,775
Kentucky .....	44,994	46,724	49,378	56,089	45,329	36,621	38,698	38,698	—	38,698	—
Louisiana .....	45,204	43,710	44,864	52,295	42,882	34,621	52,441	52,441	60,570	40,559	—
Maine .....	45,794	44,739	46,803	50,678	44,760	36,246	48,261	49,054	—	49,054	28,260
Maryland .....	52,254	51,304	53,797	61,153	50,058	46,934	55,407	55,547	73,847	46,727	29,660
Massachusetts .....	61,423	53,760	58,931	67,850	55,353	42,039	65,808	66,058	75,173	56,087	36,327
Michigan .....	55,658	57,810	58,474	65,529	52,609	55,608	44,341	44,443	48,873	43,862	23,762
Minnesota .....	49,488	50,790	55,260	69,602	48,119	44,529	46,282	46,414	—	46,414	34,368
Mississippi .....	41,264	41,785	44,522	46,464	43,196	38,308	37,110	37,983	—	37,983	24,727
Missouri .....	48,490	48,769	50,960	60,339	49,082	41,499	47,933	48,113	62,513	39,425	37,117
Montana .....	42,084	43,432	45,397	47,069	41,586	31,582	34,423	35,034	—	35,034	26,681
Nebraska .....	45,754	47,032	49,951	56,256	45,519	35,029	41,807	41,807	49,239	37,939	—
Nevada .....	53,588	53,691	57,537	61,035	55,155	46,323	41,051	41,051	—	41,051	—
New Hampshire .....	52,273	50,446	54,045	57,663	47,845	35,625	54,665	54,837	—	54,837	24,230
New Jersey .....	62,568	62,227	64,640	71,636	62,282	56,444	63,452	63,562	77,377	53,213	25,982
New Mexico .....	42,969	43,438	47,260	49,889	40,165	33,094	35,906	35,906	—	35,906	—
New York .....	58,154	55,827	57,656	62,695	56,879	52,540	60,462	60,941	71,003	53,519	30,065
North Carolina .....	48,984	50,569	53,669	64,304	49,311	32,128	45,390	45,661	63,229	38,817	32,267
North Dakota .....	38,427	39,041	40,545	41,985	37,479	33,459	33,808	35,373	—	35,373	25,258
Ohio .....	51,884	53,463	56,303	58,064	50,299	43,966	48,314	48,594	69,821	46,344	30,879
Oklahoma .....	43,955	44,258	46,754	52,236	42,014	37,045	42,738	43,071	52,615	38,804	25,253
Oregon .....	46,591	46,068	47,695	50,810	44,203	44,265	48,442	48,442	—	48,442	—
Pennsylvania .....	56,451	57,079	58,310	64,039	55,097	50,184	55,703	56,150	76,607	49,966	31,193
Rhode Island .....	56,456	53,656	57,006	61,573	48,958	43,329	58,551	58,551	—	58,551	—
South Carolina .....	43,517	44,552	49,795	55,456	43,568	33,653	39,120	39,226	—	39,226	33,798
South Dakota .....	37,023	37,525	38,542	39,469	37,259	32,530	34,949	34,997	—	34,997	21,600
Tennessee .....	46,137	45,912	49,133	56,213	46,817	36,041	46,643	46,834	71,518	37,660	23,839
Texas .....	48,210	47,310	50,381	56,902	45,033	41,623	52,178	52,374	61,759	45,044	26,489
Utah .....	47,627	45,497	47,528	51,042	41,768	37,374	52,976	53,167	54,229	41,006	39,487
Vermont .....	46,908	47,448	47,448	51,399	37,650	—	46,437	47,819	—	47,819	20,206
Virginia .....	50,471	51,537	54,927	59,725	51,906	40,629	46,936	47,037	—	47,037	28,793
Washington .....	47,637	47,531	52,971	57,031	46,255	40,565	48,061	48,061	—	48,061	—
West Virginia .....	42,345	43,302	43,865	51,374	40,406	35,588	37,106	37,106	—	37,106	—
Wisconsin .....	50,831	52,301	53,713	65,964	49,398	50,263	44,739	44,739	56,315	41,446	—
Wyoming .....	40,186	40,186	46,941	46,941	—	33,458	—	—	—	—	—
U.S. Service Schools .....	62,637	62,637	62,637	—	62,637	—	—	—	—	—	—
Outlying areas .....	34,870	36,291	36,648	39,036	35,191	32,408	22,655	22,655	—	22,655	—
American Samoa .....	33,096	33,096	—	—	—	33,096	—	—	—	—	—
Federated States of Micronesia .....	18,928	18,928	—	—	—	18,928	—	—	—	—	—
Guam .....	48,502	48,502	50,916	—	50,916	44,933	—	—	—	—	—
Marshall Islands .....	—	—	—	—	—	—	—	—	—	—	—
Northern Marianas .....	34,975	34,975	—	—	—	34,975	—	—	—	—	—
Palau .....	16,262	16,262	—	—	—	16,262	—	—	—	—	—
Puerto Rico .....	34,026	35,601	35,601	39,036	33,182	—	22,655	22,655	—	22,655	—
Virgin Islands .....	44,762	44,762	44,762	—	44,762	—	—	—	—	—	—

<sup>1</sup> 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.

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, 1997–98" survey. (This table was prepared September 1999).

**Table 242.—Average salary of full-time instructional faculty on 9-month contracts in degree-granting institutions,<sup>1</sup> 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
<b>United States</b> .....	<b>\$50,829</b>	<b>\$50,303</b>	<b>\$52,718</b>	<b>\$57,047</b>	<b>\$49,836</b>	<b>\$44,584</b>	<b>\$52,112</b>	<b>\$52,443</b>	<b>\$67,457</b>	<b>\$45,938</b>	<b>\$32,628</b>
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	—	—	—	—	—	—

<sup>1</sup> 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.

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 February 1998).

**Table 243.—Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions,<sup>1</sup> by type and control of institution and rank of faculty and by state: 1997–98**

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
<b>United States</b> .....	<b>\$75,147</b>	<b>\$53,584</b>	<b>\$44,748</b>	<b>\$64,558</b>	<b>\$50,428</b>	<b>\$41,392</b>	<b>\$91,334</b>	<b>\$59,843</b>	<b>\$50,502</b>	<b>\$61,253</b>	<b>\$46,892</b>	<b>\$38,371</b>
Alabama .....	64,711	47,729	40,522	54,448	43,903	38,101	—	—	—	51,371	39,567	33,378
Alaska .....	65,882	53,503	44,208	63,899	51,968	41,932	—	—	—	45,045	40,831	35,106
Arizona .....	75,058	54,142	46,387	62,376	50,372	40,837	—	—	—	58,324	50,577	37,603
Arkansas .....	66,834	50,759	42,575	54,871	44,359	37,940	—	—	—	46,381	39,066	32,816
California .....	92,832	60,828	52,453	71,745	55,686	45,305	97,980	64,369	55,065	69,876	51,139	41,554
Colorado .....	73,066	53,748	45,558	60,269	47,643	40,216	72,094	54,518	45,494	65,492	49,372	39,040
Connecticut .....	88,039	64,494	49,993	72,359	56,524	43,803	108,550	61,245	50,047	71,389	53,343	45,366
Delaware .....	85,429	60,734	48,716	63,822	51,108	42,849	—	—	—	70,267	59,855	36,272
District of Columbia .....	—	—	—	61,906	48,403	39,452	83,147	56,212	46,392	65,777	47,200	39,094
Florida .....	71,222	51,080	45,749	65,169	49,928	42,620	81,941	55,466	48,466	58,266	43,813	37,118
Georgia .....	78,295	54,038	47,207	66,941	52,583	42,753	97,240	62,028	51,570	52,454	42,940	35,915
Hawaii .....	75,306	56,761	49,059	58,993	48,184	42,484	—	—	—	55,689	51,716	42,401
Idaho .....	57,905	46,709	41,602	52,596	43,390	37,661	—	—	—	49,240	40,771	35,783
Illinois .....	76,915	52,677	45,262	62,096	49,883	41,317	99,283	62,959	54,537	57,236	46,353	38,926
Indiana .....	72,159	52,280	42,431	63,125	48,404	41,521	94,093	63,518	53,326	54,224	43,842	37,049
Iowa .....	78,743	55,917	46,857	66,097	51,707	43,269	68,054	50,038	41,589	51,438	40,368	34,210
Kansas .....	64,378	47,947	41,849	54,824	44,204	36,681	—	—	—	38,154	33,913	30,152
Kentucky .....	69,830	51,238	42,996	58,266	46,356	38,619	—	—	—	48,240	38,893	33,305
Louisiana .....	70,089	51,342	43,466	56,931	45,374	38,397	76,741	53,918	45,561	48,803	42,524	36,975
Maine .....	61,524	49,794	41,800	54,596	44,921	36,197	—	—	—	67,828	48,312	37,843
Maryland .....	79,161	55,494	49,397	65,298	51,409	42,606	91,232	62,967	51,713	59,511	47,213	38,925
Massachusetts .....	79,208	60,539	49,552	64,208	54,132	42,918	98,242	61,791	53,828	71,973	52,976	43,807
Michigan .....	82,438	60,414	50,237	64,401	52,002	42,732	61,689	52,376	37,757	52,557	43,609	37,644
Minnesota .....	82,247	57,505	48,799	56,783	47,005	39,525	—	—	—	60,554	46,178	37,495
Mississippi .....	60,626	48,932	41,596	55,712	46,017	37,908	—	—	—	49,337	37,802	33,849
Missouri .....	75,401	56,579	47,467	62,379	49,578	39,952	83,284	55,634	47,159	48,809	41,094	34,986
Montana .....	56,618	47,034	39,207	51,102	41,758	35,636	—	—	—	42,615	36,640	31,494
Nebraska .....	75,218	51,986	42,925	56,716	47,914	38,712	74,334	49,456	37,299	45,515	38,660	33,582
Nevada .....	78,495	57,925	45,714	72,598	56,330	45,545	—	—	—	49,923	42,161	32,547
New Hampshire .....	71,513	53,776	42,549	58,228	45,343	37,788	—	—	—	72,812	48,784	40,693
New Jersey .....	91,022	64,724	47,858	79,953	62,466	47,604	105,041	60,684	48,570	65,554	54,054	42,178
New Mexico .....	63,295	48,088	40,041	51,838	41,043	34,672	—	—	—	44,454	38,218	32,373
New York .....	79,083	56,094	44,982	70,338	54,144	43,814	90,240	62,176	52,531	70,310	52,974	42,204
North Carolina .....	82,482	57,803	49,918	63,483	50,309	42,725	81,827	57,988	46,288	48,258	39,158	33,934
North Dakota .....	52,248	43,290	38,479	47,362	40,323	34,949	—	—	—	42,668	36,994	33,072
Ohio .....	73,885	53,918	43,845	66,027	50,467	40,995	83,466	61,747	51,380	58,382	45,118	37,517
Oklahoma .....	67,835	48,714	40,953	51,780	44,297	39,180	72,809	49,773	41,108	49,453	40,750	34,164
Oregon .....	63,858	48,780	42,740	54,140	42,243	37,252	—	—	—	61,550	46,150	37,380
Pennsylvania .....	83,740	58,872	46,591	72,882	57,132	45,383	96,163	63,456	54,385	64,934	50,209	40,536
Rhode Island .....	70,761	53,446	44,429	55,444	48,130	40,019	—	—	—	74,907	53,280	45,040
South Carolina .....	70,329	52,123	42,951	54,089	44,796	38,085	—	—	—	50,728	38,148	33,489
South Dakota .....	49,382	40,397	35,305	48,511	39,576	33,989	—	—	—	43,837	37,669	31,317
Tennessee .....	66,162	52,066	42,458	58,358	45,829	37,360	93,283	61,614	48,413	47,190	38,772	33,435
Texas .....	75,799	51,267	44,187	58,116	47,236	39,624	81,378	56,151	47,383	57,010	44,972	35,868
Utah .....	64,382	47,621	39,993	50,308	41,861	36,678	67,053	50,623	43,854	48,796	42,664	35,485
Vermont .....	66,354	50,509	40,694	44,499	36,504	30,925	—	—	—	62,804	44,970	39,915
Virginia .....	76,570	55,353	46,280	65,735	51,267	41,597	—	—	—	60,503	46,205	37,589
Washington .....	70,811	51,329	45,616	54,017	45,299	38,716	—	—	—	61,055	47,304	39,803
West Virginia .....	63,584	50,377	40,127	48,793	40,255	34,016	—	—	—	44,948	38,547	33,034
Wisconsin .....	74,363	55,900	51,214	58,403	48,003	41,012	72,572	54,966	44,454	51,693	41,460	36,142
Wyoming .....	58,437	46,033	41,055	—	—	—	—	—	—	—	—	—
U.S. Service Schools .....	—	—	—	74,071	57,602	47,459	—	—	—	—	—	—
Outlying areas .....	46,085	40,394	33,554	42,424	36,757	32,880	—	—	—	20,330	31,702	25,047
American Samoa .....	—	—	—	—	—	—	—	—	—	—	—	—
Federated States of Micronesia .....	—	—	—	—	—	—	—	—	—	—	—	—
Guam .....	—	—	—	72,959	57,127	45,252	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	—	—	—	—	—
Palau .....	—	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico .....	46,085	40,394	33,554	40,417	34,396	29,800	—	—	—	20,330	31,702	25,047
Virgin Islands .....	—	—	—	54,394	44,710	38,735	—	—	—	—	—	—

<sup>1</sup>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, 1997–98” survey. (This table was prepared September 1999.)



**Table 244.—Average salary of full-time instructional faculty on 9-month contracts in 4-year degree-granting institutions,<sup>1</sup> 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
<b>United States</b> .....	<b>\$72,599</b>	<b>\$51,835</b>	<b>\$43,536</b>	<b>\$62,846</b>	<b>\$49,082</b>	<b>\$40,500</b>	<b>\$87,949</b>	<b>\$57,812</b>	<b>\$48,591</b>	<b>\$59,174</b>	<b>\$45,515</b>	<b>\$37,259</b>
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	—	—	—	—	—	—

<sup>1</sup>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 245.—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, 1996–97, and 1997–98**

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
<b>1980–81</b>									
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
<b>1990–91</b>									
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
<b>1996–97</b>									
All institutions .....	64.2	95.4	82.9	16.3	7.0	1.4	76.1	71.8	51.6
4-year .....	63.1	96.6	83.3	13.3	3.7	1.4	22.5	70.9	46.9
University .....	67.6	97.9	88.4	6.5	3.0	1.2	3.2	74.6	47.4
Other 4-year .....	60.2	95.5	80.1	16.7	4.0	1.7	31.4	68.1	46.7
2-year .....	69.9	83.3	77.4	49.4	17.7	—	81.2	77.7	68.9
Public institutions .....	66.7	96.3	86.4	19.2	8.8	1.3	77.9	74.4	54.8
4-year .....	65.7	98.1	87.6	14.8	4.7	1.4	14.3	73.6	48.8
University .....	70.0	99.1	92.3	6.9	3.3	1.0	1.2	76.9	49.1
Other 4-year .....	62.6	97.3	84.0	19.4	5.3	1.6	21.5	70.9	48.7
2-year .....	70.0	83.3	77.7	49.9	17.9	—	81.3	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
<b>1997–98</b>									
All institutions .....	64.7	96.1	83.9	16.0	7.9	1.5	71.5	71.6	52.0
4-year .....	63.1	96.4	83.8	12.8	3.7	1.6	26.6	70.8	47.5
University .....	67.4	97.5	88.5	6.1	2.7	1.2	10.5	74.9	48.1
Other 4-year .....	60.4	95.5	80.7	16.1	4.1	1.9	34.9	67.9	47.2
2-year .....	72.7	93.7	85.0	51.4	21.3	—	76.3	76.3	68.5
Public institutions .....	67.2	97.2	87.6	18.9	9.9	1.5	73.1	74.0	54.9
4-year .....	65.5	97.8	87.9	14.2	4.8	1.5	13.6	73.4	49.1
University .....	69.0	98.1	91.9	6.2	3.1	1.0	0.7	76.7	49.3
Other 4-year .....	63.0	97.5	84.8	18.8	5.4	1.9	20.7	70.8	48.9
2-year .....	72.9	93.7	85.3	51.8	21.5	0.0	76.4	76.5	68.7
Private institutions .....	58.6	93.6	75.9	10.5	1.7	1.7	51.0	65.8	44.7
4-year .....	58.5	93.6	75.9	10.4	1.4	1.7	38.9	65.7	44.6
University .....	63.6	96.0	79.9	5.9	1.3	1.5	20.5	70.8	45.2
Other 4-year .....	56.0	92.1	74.1	12.2	1.4	1.9	48.0	62.9	44.3
2-year .....	65.1	94.1	62.5	28.6	14.8	—	75.1	69.9	55.8

—Data not available or not applicable.

ries, Tenure, and Fringe Benefits of Full-Time Instructional Faculty" surveys. (This table was prepared August 1999.)

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 246.—Institutions of higher education, by control and type of institution: 1949–50 to 1997–98**

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
<b>Excluding branch campuses</b>									
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	<sup>1</sup> 326
1981–82	3,083	1,883	1,200	1,340	471	869	1,743	1,412	<sup>1</sup> 331
1982–83	3,111	1,887	1,224	1,336	472	864	1,775	1,415	<sup>1</sup> 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
<b>Including branch campuses</b>									
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	<sup>1</sup> 329
1981–82	3,253	1,979	1,274	1,498	558	940	1,755	1,421	<sup>1</sup> 334
1982–83	3,280	1,984	1,296	1,493	560	933	1,787	1,424	<sup>1</sup> 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 <sup>2</sup>	3,406	2,070	1,336	1,533	573	960	1,873	1,497	376
1987–88 <sup>2</sup>	3,587	2,135	1,452	1,591	599	992	1,996	1,536	460
1988–89 <sup>2</sup>	3,565	2,129	1,436	1,582	598	984	1,983	1,531	452
1989–90 <sup>2</sup>	3,535	2,127	1,408	1,563	595	968	1,972	1,532	440
1990–91 <sup>2</sup>	3,559	2,141	1,418	1,567	595	972	1,992	1,546	446
1991–92 <sup>2</sup>	3,601	2,157	1,444	1,598	599	999	2,003	1,558	445
1992–93 <sup>2</sup>	3,638	2,169	1,469	1,624	600	1,024	2,014	1,569	445
1993–94 <sup>2</sup>	3,632	2,190	1,442	1,625	604	1,021	2,007	1,586	421
1994–95 <sup>2</sup>	3,688	2,215	1,473	1,641	605	1,036	2,047	1,610	437
1995–96 <sup>2</sup>	3,706	2,244	1,462	1,655	608	1,047	2,051	1,636	415
<b>Degree-granting institutions<sup>3</sup></b>									
1996–97	4,009	2,267	1,742	1,702	614	1,088	2,307	1,653	654
1997–98	4,064	2,309	1,755	1,707	615	1,092	2,357	1,694	663

<sup>1</sup> Large increases are due to the addition of schools accredited by the Accrediting Commission of Career Schools and Colleges of Technology.

<sup>2</sup> 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.

<sup>3</sup> Data are for 4-year and 2-year degree-granting institutions (including branch campuses) that were eligible to participate in Title IV federal financial aid programs.

NOTE.—For 1949–50 through 1995–96, 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*; and 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 October 1999.)

**Table 247.—Degree-granting institutions of higher education and branches, by type, control of institution, and state: 1997–98**

State or other area	Total	All public institutions	Public, 4-year institutions						Public 2-year	All private institutions	Private 4-year institutions						Private 2-year
			Total	Re-search <sup>1</sup>	Doc-toral <sup>2</sup>	Mas-ter's <sup>3</sup>	Bac-calau-re-ate <sup>4</sup>	Other 4-year <sup>5</sup>			Total	Re-search <sup>1</sup>	Doc-toral <sup>2</sup>	Mas-ter's <sup>3</sup>	Bac-calau-re-ate <sup>4</sup>	Other 4-year <sup>5</sup>	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
<b>United States ...</b>	<b>4,064</b>	<b>1,707</b>	<b>615</b>	<b>85</b>	<b>66</b>	<b>278</b>	<b>116</b>	<b>70</b>	<b>1,092</b>	<b>2,357</b>	<b>1,694</b>	<b>40</b>	<b>49</b>	<b>291</b>	<b>686</b>	<b>628</b>	<b>663</b>
Alabama .....	79	49	18	2	2	13	1	0	31	30	20	0	0	4	12	4	10
Alaska .....	8	4	3	0	1	2	0	0	1	4	3	0	0	1	1	1	1
Arizona .....	67	25	5	2	1	1	0	1	20	42	20	0	0	2	8	10	22
Arkansas .....	47	33	10	1	0	6	2	1	23	14	10	0	0	1	8	1	4
California .....	396	141	32	9	1	19	0	3	109	255	182	3	9	33	38	99	73
Colorado .....	70	28	13	2	3	2	5	1	15	42	24	0	1	3	10	10	18
Connecticut .....	42	18	6	1	0	4	0	1	12	24	19	1	0	7	6	5	5
Delaware .....	10	5	2	1	0	1	0	0	3	5	4	0	0	2	1	1	1
District of Columbia .....	17	2	2	0	0	1	0	1	0	15	15	3	2	3	2	5	0
Florida .....	140	38	10	3	3	3	0	1	28	102	61	1	2	11	26	21	41
Georgia .....	104	56	20	2	1	12	2	3	36	48	41	1	2	2	22	14	7
Hawaii .....	20	10	3	1	0	0	2	0	7	10	7	0	0	2	1	4	3
Idaho .....	15	7	4	1	1	1	1	0	3	8	5	0	0	0	4	1	3
Illinois .....	172	61	12	3	2	7	0	0	49	111	94	2	3	15	33	41	17
Indiana .....	96	28	14	2	3	7	2	0	14	68	41	1	0	6	23	11	27
Iowa .....	64	20	3	2	0	1	0	0	17	44	37	0	0	5	26	6	7
Kansas .....	59	33	10	2	1	4	1	2	23	26	21	0	0	5	13	3	5
Kentucky .....	63	22	8	1	1	6	0	0	14	41	27	0	0	4	15	8	14
Louisiana .....	85	63	14	1	3	9	0	1	49	22	12	1	0	3	4	4	10
Maine .....	35	15	8	0	1	1	5	1	7	20	13	0	1	1	7	4	7
Maryland .....	58	33	13	1	1	9	1	1	20	25	22	1	0	4	7	10	3
Massachusetts .....	129	33	15	1	1	8	2	3	18	96	83	6	3	12	26	36	13
Michigan .....	110	44	15	3	2	10	0	0	29	66	59	0	2	6	19	32	7
Minnesota .....	115	57	11	1	0	6	4	0	46	58	38	0	1	4	16	17	20
Mississippi .....	46	31	9	2	1	3	2	1	22	15	11	0	0	2	5	4	4
Missouri .....	112	33	13	1	3	6	2	1	20	79	59	2	0	9	20	28	20
Montana .....	28	18	6	0	2	3	1	0	12	10	5	0	0	0	4	1	5
Nebraska .....	37	16	7	1	0	4	1	1	9	21	16	0	0	2	9	5	5
Nevada .....	14	6	2	0	1	1	0	0	4	8	3	0	0	0	1	2	5
New Hampshire .....	26	9	5	0	1	2	2	0	4	17	14	0	2	2	6	4	3
New Jersey .....	59	33	14	1	2	7	3	1	19	26	20	1	2	5	6	6	6
New Mexico .....	44	27	6	2	0	3	0	1	21	17	14	0	0	1	7	6	3
New York .....	319	89	42	3	3	19	8	9	47	230	170	8	9	29	49	75	60
North Carolina .....	121	74	16	2	1	9	3	1	58	47	43	1	1	7	28	6	4
North Dakota .....	21	15	6	0	2	1	3	0	9	6	4	0	0	1	1	2	2
Ohio .....	177	63	27	4	6	1	13	3	36	114	67	1	1	11	32	22	47
Oklahoma .....	46	30	14	2	0	6	4	2	16	16	14	0	1	4	5	4	2
Oregon .....	54	25	8	2	1	2	1	2	17	29	26	0	0	4	11	11	3
Pennsylvania .....	253	66	45	3	2	16	21	3	21	187	101	3	3	19	44	32	86
Rhode Island .....	12	3	2	1	0	1	0	0	1	9	9	1	0	1	3	4	0
South Carolina .....	61	33	12	2	0	6	3	1	21	28	23	0	0	2	18	3	5
South Dakota .....	25	14	8	0	1	2	2	3	6	11	10	0	0	0	7	3	1
Tennessee .....	83	24	10	1	3	5	0	1	14	59	44	1	0	5	26	12	15
Texas .....	194	109	41	4	6	22	2	7	68	85	56	1	3	14	20	18	29
Utah .....	21	9	5	2	0	1	2	0	4	12	4	1	0	2	1	0	8
Vermont .....	25	6	5	1	0	2	2	0	1	19	15	0	0	3	10	2	4
Virginia .....	92	39	15	3	3	6	3	0	24	53	40	0	0	13	19	8	13
Washington .....	72	41	8	2	0	5	1	0	33	31	26	0	0	11	3	12	5
West Virginia .....	34	17	13	1	0	1	9	2	4	17	10	0	0	3	6	1	7
Wisconsin .....	66	32	13	2	0	11	0	0	19	34	32	0	1	5	17	9	2
Wyoming .....	9	8	1	1	0	0	0	0	7	1	0	0	0	0	0	0	1
U.S. Service Schools .....	12	12	11	0	0	0	0	11	1	0	0	0	0	0	0	0	0
Outlying areas ...	79	27	15	0	1	4	6	4	12	52	37	0	0	6	18	13	15
American Samoa ..	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Federated States of Micronesia .....	5	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
Guam .....	2	2	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
Marshall Islands .....	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Northern Marianas .....	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Palau .....	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Puerto Rico .....	66	14	12	0	1	1	6	4	2	52	37	0	0	6	18	13	15
Virgin Islands .....	2	2	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0

<sup>1</sup> 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.

<sup>2</sup> 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.

<sup>3</sup> 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.

<sup>4</sup> Baccalaureate institutions primarily emphasize undergraduate education.

<sup>5</sup> 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 institutions 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.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Institutional Characteristics, 1997–98" survey. (This table was prepared July 1999.)

**Table 248.—Institutions of higher education that have closed their doors, by control and type of institution: 1960–61 to 1997–98**

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
<b>Excluding branch campuses: Total, 1960–61 to 1991–92 .....</b>	<b>343</b>	<b>179</b>	<b>164</b>	<b>38</b>	<b>1</b>	<b>37</b>	<b>305</b>	<b>178</b>	<b>127</b>
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
<b>Including branch campuses: Total, 1969–70 to 1997–98 .....</b>	<b>448</b>	<b>212</b>	<b>236</b>	<b>39</b>	<b>5</b>	<b>34</b>	<b>409</b>	<b>207</b>	<b>202</b>
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 .....	36	13	23	2	—	2	34	13	21
1997–98 .....	5	—	5	—	—	—	5	—	5

—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 November 1999.)



Table 250.—Degrees awarded by institutions of higher education, by control, level of degree, and state: 1996–97

State or other area	Public					Private				
	Associate degrees	Bachelor's degrees	First-professional degrees <sup>1</sup>	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	Associate degrees	Bachelor's degrees	First-professional degrees <sup>1</sup>	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>465,494</b>	<b>776,677</b>	<b>31,243</b>	<b>233,237</b>	<b>29,838</b>	<b>105,732</b>	<b>396,202</b>	<b>47,487</b>	<b>186,164</b>	<b>16,038</b>
Alabama .....	7,590	17,387	612	6,969	555	1,073	3,260	511	509	7
Alaska .....	859	1,393	0	465	20	100	80	—	51	—
Arizona .....	6,603	14,485	462	5,088	789	2,605	3,346	—	2,558	—
Arkansas .....	3,197	7,405	469	2,109	149	142	1,809	—	90	—
California .....	59,841	81,983	2,351	18,084	2,824	11,432	28,676	6,884	20,254	2,851
Colorado .....	5,246	16,212	458	4,900	758	2,810	3,680	374	2,713	129
Connecticut .....	3,826	6,598	324	2,735	254	877	6,915	631	4,214	413
Delaware .....	863	3,480	0	860	162	162	854	368	324	27
District of Columbia .....	233	583	62	134	—	136	6,646	2,540	7,022	537
Florida .....	38,325	33,187	1,036	8,954	1,041	6,730	14,343	1,587	7,290	775
Georgia .....	7,422	19,771	740	7,295	692	1,754	7,748	1,774	2,382	255
Hawaii .....	2,301	3,279	129	1,168	175	771	1,476	—	530	10
Idaho .....	1,255	4,086	168	1,033	90	3,033	423	—	24	—
Illinois .....	23,433	29,020	1,109	9,901	1,296	3,003	22,848	3,322	15,237	1,369
Indiana .....	6,907	20,495	943	5,650	977	3,132	9,982	502	1,940	144
Iowa .....	7,887	9,484	631	2,452	629	890	8,439	1,061	888	18
Kansas .....	6,383	11,194	569	3,859	471	641	3,234	12	812	—
Kentucky .....	5,078	11,685	812	3,959	303	1,687	2,989	394	594	108
Louisiana .....	5,005	14,541	697	4,087	381	645	2,966	939	1,428	163
Maine .....	1,618	3,205	91	739	60	754	2,360	98	294	15
Maryland .....	7,630	16,036	904	5,201	631	438	4,348	183	4,708	357
Massachusetts .....	7,915	12,398	96	3,580	367	4,014	28,031	3,646	20,377	1,905
Michigan .....	18,650	33,748	1,610	14,054	1,414	3,284	10,477	1,004	2,739	78
Minnesota .....	8,703	14,485	695	3,770	704	1,941	8,133	890	2,737	228
Mississippi .....	5,643	8,402	336	2,694	326	119	1,850	128	551	—
Missouri .....	5,826	15,302	633	4,257	404	3,838	12,764	1,733	7,002	373
Montana .....	1,103	4,125	75	834	93	294	627	—	27	—
Nebraska .....	2,958	6,739	361	1,924	311	471	3,132	428	471	58
Nevada .....	1,432	3,588	47	968	89	334	117	—	55	—
New Hampshire .....	1,795	3,832	—	769	61	1,458	3,749	186	1,672	77
New Jersey .....	11,830	18,163	1,012	5,104	566	1,150	6,682	716	3,358	472
New Mexico .....	3,375	5,582	174	2,291	280	268	744	—	344	—
New York .....	40,583	42,620	1,234	13,446	1,348	13,708	52,670	6,411	32,501	2,550
North Carolina .....	14,814	23,462	700	6,065	812	853	10,740	1,064	2,116	282
North Dakota .....	1,741	4,147	191	666	87	191	480	—	37	—
Ohio .....	17,138	31,744	2,008	10,975	1,724	4,404	17,272	1,225	5,508	576
Oklahoma .....	6,353	12,664	587	3,512	399	207	2,459	220	935	49
Oregon .....	5,368	9,450	348	2,714	435	290	3,840	716	1,385	69
Pennsylvania .....	11,997	30,637	1,212	8,748	1,325	11,071	31,806	2,835	11,164	1,112
Rhode Island .....	1,414	3,041	16	829	87	2,353	5,278	235	1,080	153
South Carolina .....	5,563	11,559	559	4,140	398	871	3,708	165	453	11
South Dakota .....	1,371	3,489	129	875	93	251	741	27	152	2
Tennessee .....	5,944	13,719	692	4,666	511	1,326	7,428	693	2,220	236
Texas .....	23,309	55,648	2,851	17,324	2,435	3,575	15,524	2,211	5,513	375
Utah .....	6,110	8,655	236	1,822	300	542	7,151	156	1,364	87
Vermont .....	660	2,239	90	358	46	715	2,070	—	808	6
Virginia .....	9,461	22,685	1,235	8,723	1,122	2,183	8,162	701	2,406	23
Washington .....	18,567	17,801	475	3,746	699	998	5,092	466	3,441	36
West Virginia .....	2,648	6,898	358	2,101	142	1,104	1,274	—	133	—
Wisconsin .....	8,659	19,626	484	4,760	884	809	7,779	451	1,753	102
Wyoming .....	1,695	1,652	68	393	79	295	—	—	—	—
U.S. Service Schools .....	11,367	3,068	164	1,487	40	—	—	—	—	—
<b>Outlying areas</b> .....	<b>1,591</b>	<b>6,881</b>	<b>238</b>	<b>732</b>	<b>49</b>	<b>2,871</b>	<b>7,807</b>	<b>433</b>	<b>1,159</b>	<b>49</b>
American Samoa .....	44	—	—	—	—	—	—	—	—	—
Federated States of Micronesia .....	191	—	—	—	—	—	—	—	—	—
Guam .....	48	385	—	52	—	—	—	—	—	—
Marshall Islands .....	56	—	—	—	—	—	—	—	—	—
Northern Marianas .....	131	—	—	—	—	—	—	—	—	—
Palau .....	19	—	—	—	—	—	—	—	—	—
Puerto Rico .....	1,029	6,290	238	629	49	2,871	7,807	433	1,159	49
Virgin Islands .....	73	206	—	51	—	—	—	—	—	—

<sup>1</sup> 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 June 1999.)

**Table 251.—Earned degrees conferred by institutions of higher education, by level of degree and by state:  
1995–96 and 1996–97**

State or other area	1995–96					1996–97				
	Associate degrees	Bachelor's degrees	First-professional degrees <sup>1</sup>	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)	Associate degrees	Bachelor's degrees	First-professional degrees <sup>1</sup>	Master's degrees	Doctor's degrees (Ph.D., Ed.D., etc.)
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>555,216</b>	<b>1,164,792</b>	<b>76,734</b>	<b>406,301</b>	<b>44,652</b>	<b>571,226</b>	<b>1,172,879</b>	<b>78,730</b>	<b>419,401</b>	<b>45,876</b>
Alabama .....	8,260	20,108	1,035	6,473	533	8,663	20,647	1,123	7,478	562
Alaska .....	961	1,493	0	474	28	959	1,473	0	516	20
Arizona .....	8,146	16,963	454	6,868	756	9,208	17,831	462	7,646	789
Arkansas .....	2,974	9,099	499	1,973	148	3,339	9,214	469	2,199	149
California .....	64,982	110,245	8,655	38,088	5,110	71,273	110,659	9,235	38,338	5,675
Colorado .....	8,637	19,439	790	6,853	830	8,056	19,892	832	7,613	887
Connecticut .....	4,650	13,401	921	6,715	676	4,703	13,513	955	6,949	667
Delaware .....	1,182	4,384	391	1,250	182	1,025	4,334	368	1,184	189
District of Columbia .....	389	7,113	2,495	7,259	526	369	7,229	2,602	7,156	537
Florida .....	42,504	46,311	2,486	15,312	1,753	45,055	47,530	2,623	16,244	1,816
Georgia .....	9,462	27,446	2,379	9,240	997	9,176	27,519	2,514	9,677	947
Hawaii .....	2,688	4,739	122	1,579	196	3,072	4,755	129	1,698	185
Idaho .....	4,268	4,489	157	1,103	94	4,288	4,509	168	1,057	90
Illinois .....	26,839	51,543	4,635	24,845	2,573	26,436	51,868	4,431	25,138	2,665
Indiana .....	10,688	30,571	1,504	7,572	1,176	10,039	30,477	1,445	7,590	1,121
Iowa .....	8,387	17,680	1,598	3,384	708	8,777	17,923	1,692	3,340	647
Kansas .....	7,281	14,609	612	4,732	470	7,024	14,428	581	4,671	471
Kentucky .....	6,540	14,680	1,141	4,493	401	6,765	14,674	1,206	4,553	411
Louisiana .....	4,258	17,985	1,528	5,229	519	5,650	17,507	1,636	5,515	544
Maine .....	2,296	5,619	181	905	47	2,372	5,565	189	1,033	75
Maryland .....	8,589	19,942	913	9,807	922	8,068	20,384	1,087	9,909	988
Massachusetts .....	12,682	40,725	3,668	22,253	2,376	11,929	40,429	3,742	23,957	2,272
Michigan .....	21,656	44,372	2,578	15,684	1,598	21,934	44,225	2,614	16,793	1,492
Minnesota .....	11,513	23,279	1,497	6,575	1,037	10,644	22,618	1,585	6,507	932
Mississippi .....	5,909	9,983	445	2,710	352	5,762	10,252	464	3,245	326
Missouri .....	10,084	27,306	2,377	10,835	785	9,664	28,066	2,366	11,259	777
Montana .....	1,332	4,785	75	852	61	1,397	4,752	75	861	93
Nebraska .....	3,196	9,889	826	2,373	285	3,429	9,871	789	2,395	369
Nevada .....	1,425	3,421	55	986	76	1,766	3,705	47	1,023	89
New Hampshire .....	3,227	7,657	184	2,450	110	3,253	7,581	186	2,441	138
New Jersey .....	13,005	24,572	1,694	8,420	1,051	12,980	24,845	1,728	8,462	1,038
New Mexico .....	3,476	6,217	192	2,579	305	3,643	6,326	174	2,635	280
New York .....	53,209	95,295	7,638	44,175	3,765	54,291	95,290	7,645	45,947	3,898
North Carolina .....	13,908	32,761	1,741	7,768	1,047	15,667	34,202	1,764	8,181	1,094
North Dakota .....	2,027	4,484	173	705	79	1,932	4,627	191	703	87
Ohio .....	20,625	48,681	3,289	15,923	2,210	21,542	49,016	3,233	16,483	2,300
Oklahoma .....	6,109	14,422	699	3,856	358	6,560	15,123	807	4,447	448
Oregon .....	5,714	13,236	957	4,011	476	5,658	13,290	1,064	4,099	504
Pennsylvania .....	22,942	61,753	3,875	19,507	2,255	23,068	62,443	4,047	19,912	2,437
Rhode Island .....	3,939	8,744	180	2,000	301	3,767	8,319	251	1,909	240
South Carolina .....	6,375	15,088	705	4,456	435	6,434	15,267	724	4,593	409
South Dakota .....	1,974	4,439	141	1,062	92	1,622	4,230	156	1,027	95
Tennessee .....	7,060	20,608	1,338	6,251	702	7,270	21,147	1,385	6,886	747
Texas .....	25,912	70,704	5,096	22,588	2,864	26,884	71,172	5,062	22,837	2,810
Utah .....	6,437	15,550	380	3,081	402	6,652	15,806	392	3,186	387
Vermont .....	1,470	4,495	94	1,291	61	1,375	4,309	90	1,166	52
Virginia .....	11,091	31,564	1,877	10,806	1,061	11,644	30,847	1,936	11,129	1,145
Washington .....	19,349	22,544	931	8,334	690	19,565	22,893	941	7,187	735
West Virginia .....	2,812	8,582	350	2,183	120	3,752	8,172	358	2,234	142
Wisconsin .....	9,165	26,936	949	6,700	917	9,468	27,405	935	6,513	986
Wyoming .....	1,988	1,641	78	410	78	1,990	1,652	68	393	79
U.S. Service Schools .....	11,624	3,200	156	1,323	58	11,367	3,068	164	1,487	40
Outlying areas .....	3,778	14,674	747	1,809	82	4,462	14,688	671	1,891	98
American Samoa .....	42	—	—	—	—	44	—	—	—	—
Federated States of Micronesia .....	156	—	—	—	—	191	—	—	—	—
Guam .....	44	358	—	47	—	48	385	—	52	—
Marshall Islands .....	113	—	—	—	—	56	—	—	—	—
Northern Marianas .....	107	—	—	—	—	131	—	—	—	—
Palau .....	16	—	—	—	—	19	—	—	—	—
Puerto Rico .....	3,246	14,107	747	1,707	82	3,900	14,097	671	1,788	98
Virgin Islands .....	54	209	—	55	—	73	206	—	51	—

<sup>1</sup> 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 June 1999.)



**Table 252.—Associate degrees conferred by institutions of higher education, by sex of student and field of study: 1990–91 to 1994–95**

Field of study	Total					Women				
	1990–91	1991–92	1992–93	1993–94	1994–95	1990–91	1991–92	1992–93	1993–94	1994–95
1	2	3	4	5	6	7	8	9	10	11
<b>Total</b> .....	<b>481,720</b>	<b>504,231</b>	<b>514,756</b>	<b>530,632</b>	<b>539,691</b>	<b>283,086</b>	<b>296,750</b>	<b>302,792</b>	<b>315,371</b>	<b>321,339</b>
Agriculture and natural resources, total .....	4,910	5,251	5,398	5,636	5,730	1,588	1,675	1,648	1,814	1,729
Agricultural business and production .....	2,905	3,046	3,222	3,434	3,564	962	1,011	1,018	1,081	1,106
Agricultural sciences .....	879	951	837	871	829	444	432	372	388	364
Conservation and renewable natural resources .....	1,126	1,254	1,339	1,331	1,337	182	232	258	345	259
Architecture and related programs .....	2,031	443	372	353	277	1,741	337	253	238	207
Area, ethnic, and cultural studies .....	19	29	33	75	68	13	20	23	50	51
Biological/life sciences .....	1,119	1,361	1,435	1,771	1,879	667	797	847	1,064	1,127
Business management and administrative services .....	89,537	93,762	91,719	92,284	90,113	62,109	65,459	63,364	64,857	63,484
Accounting .....	14,577	15,687	15,115	15,307	14,970	11,111	11,888	11,587	11,867	11,657
Business, general .....	11,618	11,823	11,190	11,452	11,622	7,188	7,293	7,046	7,237	7,254
Business administration and management .....	26,625	31,185	29,556	29,691	28,968	15,863	18,902	17,932	18,090	17,892
Business and management, other .....	11,663	11,089	12,285	11,114	10,233	6,655	6,769	6,645	6,493	6,161
Business data processing .....	8,182	6,394	6,405	6,883	6,962	4,775	3,679	3,693	3,853	3,687
Secretarial and related programs .....	16,872	17,584	17,168	17,837	17,358	16,517	16,928	16,461	17,317	16,833
Communications .....	1,847	1,886	1,904	2,052	3,160	966	996	959	1,099	1,536
Communications technologies .....	2,032	1,794	1,828	2,469	1,984	681	649	632	834	686
Computer and information sciences .....	7,677	9,290	9,196	9,301	9,152	3,770	4,725	4,655	4,677	4,409
Construction trades .....	1,793	1,560	1,653	1,695	1,728	78	69	72	77	130
Consumer and personal services .....	2,494	4,420	4,692	5,175	5,626	887	1,519	1,572	1,691	1,879
Education .....	7,842	10,267	9,315	9,271	9,658	5,640	6,559	6,284	6,319	6,600
Engineering .....	2,451	2,685	2,478	2,445	2,232	268	344	309	300	301
Engineering-related technologies .....	37,890	35,861	36,321	35,618	34,732	3,724	3,757	3,690	3,799	3,912
English language and literature/letters .....	426	1,019	1,320	1,289	1,548	302	671	851	822	1,043
Foreign languages and literatures .....	327	433	511	492	616	210	305	358	345	439
Health professions and related sciences .....	70,833	79,453	86,237	94,601	98,474	61,495	68,648	73,266	79,449	81,944
Dental assisting .....	3,810	4,013	4,165	4,259	4,312	3,612	3,822	3,929	3,977	4,030
Emergency medical technician-ambulance and paramedic .....	371	378	442	510	771	116	114	139	155	235
Medical lab technician .....	1,731	1,874	2,172	2,570	2,769	1,311	1,425	1,601	1,905	2,027
Medical assisting .....	1,496	1,960	2,130	2,785	3,544	1,451	1,741	1,907	2,672	3,409
Nursing assisting .....	5	19	86	6	2	4	13	70	5	2
Practical nursing .....	797	795	890	740	772	692	742	804	672	686
Nursing, R.N. and other .....	45,317	51,193	54,085	57,405	57,456	41,261	46,217	48,289	50,740	50,314
Health sciences, other .....	17,306	19,221	22,267	26,326	28,848	13,048	14,574	16,527	19,323	21,241
Home economics and vocational home economics .....	8,067	6,436	6,914	7,463	7,821	6,243	5,749	6,259	6,821	7,006
Law and legal studies .....	5,484	7,053	8,028	8,681	9,140	4,892	6,146	7,069	7,652	7,977
Liberal arts and sciences, general studies, and humanities .....	142,722	154,594	158,040	165,106	170,817	84,977	91,777	94,173	99,025	102,983
Library science .....	111	103	85	118	101	102	85	76	102	92
Marketing operations/marketing and distribution .....	12,713	8,465	7,445	6,736	6,187	9,510	6,494	5,646	5,049	4,661
Mathematics .....	670	744	743	704	782	264	280	315	309	344
Mechanics and repairers .....	7,640	10,264	10,966	11,332	11,497	445	671	686	738	743
Multi/interdisciplinary studies .....	7,454	7,841	8,486	8,436	8,692	3,998	4,059	4,411	4,382	4,464
Parks, recreation, leisure, and fitness studies .....	425	620	717	755	864	177	251	288	301	363
Philosophy and religion .....	89	60	111	82	81	28	17	35	36	29
Physical sciences .....	2,091	2,066	2,241	2,546	2,456	901	861	945	1,069	1,032
Physical sciences, other .....	1,281	1,228	1,390	1,567	1,645	562	522	598	671	724
Science technologies .....	810	838	851	979	811	339	339	347	398	308
Precision production trades .....	9,093	9,005	9,204	9,357	9,344	1,975	1,872	1,811	1,846	1,891
Protective services .....	13,564	15,117	16,834	18,199	19,709	3,599	3,876	4,545	5,131	5,507
Criminal justice and corrections .....	11,358	12,649	14,295	15,262	16,584	3,367	3,628	4,265	4,823	5,176
Fire control and safety .....	1,634	1,989	2,020	2,243	2,447	92	116	137	132	153
Protective services, other .....	572	479	519	694	678	140	132	143	176	178
Psychology .....	997	1,209	1,237	1,377	1,600	740	871	955	1,040	1,154
Public administration and services .....	2,779	3,162	3,301	3,696	3,882	2,243	2,523	2,653	2,938	3,099
R.O.T.C. and military technologies .....	85	172	52	265	364	8	16	8	20	33
Social sciences and history .....	2,505	3,160	3,930	3,936	3,634	1,494	1,760	2,252	2,400	2,173
Theological studies/religious vocations .....	578	496	508	641	607	243	216	227	299	298
Transportation and material moving workers .....	2,609	2,418	2,210	1,922	1,446	469	440	360	320	220
Visual and performing arts .....	9,126	11,888	12,690	13,227	12,544	5,362	7,085	7,606	7,731	7,269
Fine arts, general .....	1,166	1,159	1,346	1,420	1,420	766	767	886	907	937
Design and music .....	5,986	9,142	9,699	10,173	9,805	3,499	5,536	5,866	6,040	5,629
Visual and performing arts, other .....	1,974	1,587	1,645	1,581	1,319	1,097	782	854	784	703
Not classified by field of study .....	19,690	9,844	6,602	1,526	1,146	11,277	5,171	3,689	727	524

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1999.)

**Table 253.—Associate degrees and other subbaccalaureate awards conferred by institutions of higher education, by length of curriculum, sex of student, and field of study: 1996–97**

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
<b>Total</b> .....	<b>106,766</b>	<b>48,675</b>	<b>58,091</b>	<b>142,446</b>	<b>57,376</b>	<b>85,070</b>	<b>571,226</b>	<b>223,948</b>	<b>347,278</b>
Agriculture and natural resources, total .....	2,566	2,117	449	1,704	1,188	516	6,463	4,329	2,134
Agricultural business and production .....	2,375	1,995	380	1,520	1,049	471	4,176	2,756	1,420
Agricultural sciences .....	142	87	55	46	32	14	845	431	414
Conservation and renewable natural resources .....	49	35	14	138	107	31	1,442	1,142	300
Architecture and related programs .....	9	2	7	40	7	33	316	56	260
Area, ethnic, and cultural studies .....	170	42	128	114	15	99	84	32	52
Biological/life sciences .....	31	24	7	507	310	197	2,116	769	1,347
Business management and administrative services .....	17,668	5,479	12,189	24,873	3,851	21,022	95,532	26,301	69,231
Accounting .....	1,302	269	1,033	3,910	719	3,191	16,017	3,229	12,788
Business, general .....	560	258	302	988	270	718	11,385	4,056	7,329
Business administration and management .....	2,214	979	1,235	2,528	848	1,680	29,804	10,725	19,079
Business and management, other .....	4,133	2,224	1,909	2,229	634	1,595	12,166	3,482	8,684
Business data processing .....	2,772	1,078	1,694	2,365	799	1,566	8,553	4,008	4,545
Secretarial and related programs .....	6,687	671	6,016	12,853	581	12,272	17,607	801	16,806
Communications .....	413	262	151	150	85	65	2,030	985	1,045
Communications technologies .....	200	149	51	408	255	153	1,743	1,091	652
Computer and information sciences .....	4,081	1,885	2,196	4,013	2,024	1,989	10,990	5,860	5,130
Construction trades .....	2,370	2,190	180	4,169	3,918	251	1,928	1,829	99
Consumer and personal services .....	2,818	604	2,214	6,686	1,545	5,141	8,211	5,115	3,096
Education .....	780	168	612	743	65	678	10,526	3,356	7,170
Engineering .....	92	72	20	57	51	6	1,952	1,681	271
Engineering-related technologies .....	2,374	1,984	390	7,250	6,380	870	33,810	29,452	4,358
English language and literature/letters .....	169	59	110	22	8	14	1,455	528	927
Foreign languages and literatures .....	307	104	203	49	12	37	689	231	458
Health professions and related sciences .....	33,549	7,688	25,861	46,637	6,660	39,977	98,921	15,970	82,951
Dental assisting .....	1,005	65	940	3,930	176	3,754	4,866	279	4,587
Emergency medical technician-ambulance and paramedic .....	6,686	4,186	2,500	1,793	1,234	559	1,048	726	322
Medical lab technician .....	136	38	98	522	293	229	2,641	608	2,033
Medical assisting .....	4,347	457	3,890	5,966	237	5,729	5,019	244	4,775
Nursing assisting .....	10,163	926	9,237	316	35	281	13	0	13
Practical nursing .....	527	67	460	20,953	2,167	18,786	429	37	392
Nursing, R.N. and other .....	2,838	388	2,450	2,407	268	2,139	53,103	6,495	46,608
Health sciences, other .....	7,847	1,561	6,286	10,750	2,250	8,500	31,802	7,581	24,221
Home economics and vocational home economics .....	5,313	1,255	4,058	4,566	441	4,125	8,551	715	7,836
Law and legal studies .....	663	85	578	1,779	306	1,473	8,968	1,105	7,863
Liberal arts and sciences, general studies, and humanities .....	1,088	348	740	405	145	260	181,341	69,572	111,769
Library science .....	108	5	103	69	14	55	126	17	109
Marketing operations/marketing and distribution .....	2,211	742	1,469	1,511	374	1,137	5,656	1,335	4,321
Mathematics .....	9	8	1	1	1	0	792	443	349
Mechanics and repairers .....	5,064	4,567	497	16,386	15,549	837	12,180	11,388	792
Multi/interdisciplinary studies .....	385	61	324	128	65	63	9,182	4,398	4,784
Parks, recreation, leisure, and fitness studies .....	101	36	65	147	52	95	913	554	359
Philosophy and religion .....	54	16	38	45	19	26	89	51	38
Physical sciences .....	93	56	37	97	64	33	2,526	1,281	1,245
Physical sciences, other .....	15	11	4	24	18	6	1,728	856	872
Science technologies .....	78	45	33	73	46	27	798	425	373
Precision production trades .....	3,984	3,367	617	8,588	7,119	1,469	10,368	8,033	2,335
Protective services .....	10,399	8,197	2,202	3,686	2,725	961	19,889	13,588	6,301
Criminal justice and corrections .....	8,229	6,192	2,037	2,899	2,049	850	16,644	10,745	5,899
Fire control and safety .....	2,152	1,995	157	662	607	55	2,638	2,447	191
Protective services, other .....	18	10	8	125	69	56	607	396	211
Psychology .....	26	5	21	18	3	15	1,612	377	1,235
Public administration and services .....	405	113	292	375	100	275	4,270	667	3,603
R.O.T.C. and military technologies .....	0	0	0	0	0	0	556	521	35
Social sciences and history .....	7	1	6	30	9	21	4,056	1,550	2,506
Theological studies/religious vocations .....	42	9	33	509	276	233	574	321	253
Transportation and material moving workers .....	6,309	5,540	769	740	629	111	1,612	1,349	263
Visual and performing arts .....	879	453	426	3,545	2,012	1,533	13,593	5,872	7,721
Fine arts, general .....	14	5	9	90	37	53	1,516	574	942
Design and music .....	656	353	303	3,033	1,726	1,307	10,459	4,548	5,911
Visual and performing arts, other .....	209	95	114	422	249	173	1,618	750	868
Not classified by field of study .....	2,029	982	1,047	2,399	1,099	1,300	7,606	3,226	4,380

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" survey. (This table was prepared June 1999.)

**Table 254.—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
<b>Total</b> .....	<b>100,888</b>	<b>47,358</b>	<b>53,530</b>	<b>139,688</b>	<b>55,878</b>	<b>83,810</b>	<b>555,216</b>	<b>219,514</b>	<b>335,702</b>
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 255.—Bachelor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1996–97

Discipline division	1970–71	1975–76	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	17
<b>Total</b> .....	<b>839,730</b>	<b>925,746</b>	<b>935,140</b>	<b>979,477</b>	<b>987,823</b>	<b>991,264</b>	<b>994,829</b>	<b>1,018,755</b>	<b>1,051,344</b>	<b>1,094,538</b>	<b>1,136,553</b>	<b>1,165,178</b>	<b>1,169,275</b>	<b>1,160,134</b>	<b>1,164,792</b>	<b>1,172,879</b>
Agriculture and natural resources .....	12,672	19,402	21,886	18,107	16,823	14,991	14,222	13,492	12,900	13,124	15,124	16,778	18,070	19,841	21,431	22,602
Architecture and related programs .....	5,570	9,146	9,455	9,325	9,119	8,950	8,603	9,150	9,364	9,781	8,753	9,167	8,975	8,756	8,352	7,944
Area, ethnic and cultural studies .....	2,582	3,577	2,887	2,985	3,178	3,427	3,601	4,102	4,613	4,884	5,342	5,481	5,573	5,706	5,786	5,839
Biological sciences/life sciences .....	35,743	54,275	43,216	38,445	38,524	38,121	36,755	36,059	37,204	39,530	42,941	47,038	51,383	55,984	60,994	63,975
Business .....	114,729	142,034	198,983	232,636	237,319	240,546	243,021	246,399	248,698	249,311	256,603	256,842	246,654	234,323	227,102	226,633
Communications .....	10,324	20,045	29,428	40,358	41,666	43,953	45,410	47,405	50,114	51,650	54,257	53,874	51,164	48,104	47,320	47,230
Communications technologies .....	478	1,237	1,854	1,644	1,410	1,384	1,239	1,204	1,194	1,123	720	832	663	699	683	538
Computer and information sciences .....	2,388	5,652	15,121	38,878	41,889	39,589	34,523	30,454	27,257	25,083	24,557	24,200	24,200	24,404	24,098	24,768
Education .....	176,307	154,437	108,074	88,072	87,114	86,936	91,112	96,913	105,112	110,807	108,006	107,781	107,600	106,079	105,509	105,233
Engineering .....	44,898	38,388	63,287	77,066	76,225	73,747	69,380	66,099	63,609	61,531	61,206	61,973	62,220	62,342	62,114	61,185
Engineering-related technologies .....	5,148	7,943	11,713	18,762	19,435	19,069	19,126	18,903	17,713	17,119	16,335	16,078	16,005	15,812	15,323	13,972
English language and literature/letters ..	64,342	42,006	32,254	33,218	34,552	36,284	38,661	42,470	47,519	51,841	54,951	56,133	53,924	51,901	50,698	49,345
Foreign languages and literatures .....	20,536	16,484	11,273	10,827	10,984	11,034	10,926	11,693	12,386	13,133	13,903	14,387	14,378	13,775	13,952	13,674
Health professions and related sciences ..	25,226	53,958	63,649	64,422	64,396	63,103	60,644	59,005	58,302	59,070	61,720	67,089	74,421	79,855	84,036	85,631
Home economics and vocational home economics .....	11,167	17,409	18,370	15,157	14,889	14,417	14,320	14,160	14,491	14,892	14,898	15,100	15,522	15,345	15,803	16,571
Law and legal studies .....	545	531	776	1,157	1,197	1,178	1,303	1,976	1,592	1,758	2,144	2,056	2,171	2,032	2,052	2,038
Liberal arts and sciences, general studies, and humanities .....	7,481	18,855	21,643	21,818	21,336	23,717	24,274	26,388	27,985	30,526	32,174	33,456	33,397	33,356	33,997	34,776
Library science .....	1,013	843	375	197	155	136	119	121	77	90	97	83	62	50	58	48
Mathematics .....	24,937	16,329	11,433	15,861	17,147	16,999	16,608	15,994	15,176	15,310	14,783	14,812	14,396	13,723	13,143	12,820
Multi/interdisciplinary studies .....	6,286	13,588	12,848	12,978	13,489	13,933	14,723	15,168	16,267	17,561	20,647	23,955	25,167	26,033	26,515	26,137
Parks, recreation, leisure and fitness studies .....	1,621	5,182	5,729	4,725	4,620	4,264	4,235	4,376	4,582	4,315	8,446	9,859	11,470	12,889	13,983	15,401
Philosophy and religion .....	8,146	8,447	6,776	6,400	6,239	5,984	5,963	6,425	6,868	7,315	7,526	7,781	7,546	7,276	7,388	7,685
Physical sciences and science technologies .....	21,412	21,465	23,952	23,704	21,717	20,070	17,806	17,186	16,066	16,344	16,960	17,545	18,400	19,177	19,647	19,531
Precision production trades .....	—	—	—	553	400	455	481	482	528	460	378	388	420	353	401	326
Protective services .....	2,045	12,507	13,707	12,510	12,704	12,930	13,367	14,698	15,354	16,806	18,855	20,902	23,009	24,157	24,810	25,165
Psychology .....	38,187	50,278	41,068	39,900	40,628	42,994	45,187	48,910	53,952	58,655	63,513	66,728	69,259	72,083	73,291	74,191
Public administration and services .....	5,466	15,440	16,707	11,754	11,887	12,328	12,385	13,162	13,908	14,350	15,987	16,775	17,815	18,586	19,849	20,649
R.O.T.C. and military technologies .....	357	952	42	299	256	384	82	198	196	183	184	11	19	27	7	4
Social sciences and history .....	155,324	126,396	100,513	91,570	93,840	96,342	100,460	108,151	118,083	125,107	133,974	135,703	133,680	128,154	126,479	124,891
Theological studies/religious vocations ..	3,744	5,520	5,841	6,047	5,607	5,730	5,565	5,318	5,200	4,813	4,729	5,433	5,434	5,578	5,358	5,591
Transportation and material moving workers .....	662	1,282	1,801	1,962	1,837	1,654	1,983	2,062	2,387	2,622	3,598	3,930	3,923	3,698	3,561	3,547
Visual and performing arts .....	30,394	42,138	40,479	38,140	37,241	36,615	36,944	38,227	39,934	42,186	46,522	47,761	49,053	48,690	49,296	50,083
Not classified by field of study .....	0	0	0	0	0	0	1,801	2,405	2,713	13,258	6,720	5,247	3,302	1,346	1,756	4,856

—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 June 1999.)

**Table 256.—Master's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1996–97**

Discipline division	1970–71	1975–76	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	17
<b>Total</b> .....	<b>230,509</b>	<b>311,771</b>	<b>295,739</b>	<b>286,251</b>	<b>288,567</b>	<b>289,349</b>	<b>299,317</b>	<b>310,621</b>	<b>324,301</b>	<b>337,168</b>	<b>352,838</b>	<b>369,585</b>	<b>387,070</b>	<b>397,629</b>	<b>406,301</b>	<b>419,401</b>
Agriculture and natural resources .....	2,457	3,340	4,003	3,928	3,801	3,522	3,479	3,245	3,382	3,295	3,735	3,965	4,119	4,252	4,569	4,516
Architecture and related programs .....	1,705	3,215	3,153	3,275	3,260	3,163	3,159	3,383	3,499	3,490	3,640	3,808	3,943	3,923	3,993	4,034
Area, ethnic, and cultural studies .....	1,032	995	804	904	945	864	911	1,016	1,212	1,263	1,385	1,523	1,633	1,639	1,713	1,651
Biological sciences/life sciences .....	5,728	6,582	5,978	5,059	5,013	4,952	4,784	4,961	4,869	4,765	4,785	4,756	5,196	5,393	6,157	6,466
Business .....	25,977	42,054	57,391	66,996	66,689	67,093	69,230	73,065	76,676	78,255	84,642	89,615	93,437	93,809	93,982	97,619
Communications .....	1,770	2,961	2,896	3,460	3,500	3,622	3,678	3,940	4,063	4,123	4,180	4,754	5,005	5,142	5,080	5,227
Communications technologies .....	86	165	209	209	323	271	247	317	299	213	284	455	414	467	524	374
Computer and information sciences .....	1,588	2,603	4,218	7,101	8,070	8,481	9,197	9,414	9,677	9,324	9,530	10,163	10,416	10,326	10,151	10,098
Education .....	87,666	126,661	96,713	74,654	74,801	74,045	76,566	81,174	84,881	87,343	92,668	96,028	98,938	101,242	106,253	110,087
Engineering .....	16,309	16,014	16,386	20,905	21,040	22,015	22,627	23,740	23,863	23,962	24,983	27,626	28,621	28,553	27,441	25,787
Engineering-related technologies .....	134	328	323	650	617	639	758	828	909	996	994	1,100	1,133	1,117	1,125	1,040
English language and literature/letters .....	10,686	8,809	5,929	5,187	5,518	5,483	5,562	5,950	6,567	7,026	7,450	7,790	7,885	7,845	7,893	7,722
Foreign languages and literatures .....	5,217	4,190	2,690	2,471	2,494	2,379	2,469	2,595	2,760	2,800	2,926	3,198	3,288	3,136	3,124	3,077
Health professions and related sciences .....	5,749	12,556	16,515	17,385	18,573	18,394	18,657	19,268	20,321	21,200	23,065	25,718	28,025	31,243	33,398	35,958
Home economics and vocational home economics .....	1,452	2,179	2,570	2,375	2,294	2,064	2,047	2,164	2,100	2,019	2,412	2,479	2,421	2,864	2,917	2,888
Law and legal studies .....	955	1,442	1,832	1,796	1,924	1,943	1,880	2,013	1,888	2,057	2,369	2,197	2,432	2,511	2,751	2,886
Liberal arts and sciences, general studies, and humanities .....	885	2,633	2,375	1,696	1,586	1,581	1,814	1,850	1,999	2,213	2,394	2,416	2,496	2,565	2,778	2,661
Library science .....	7,001	8,037	4,859	3,870	3,564	3,783	3,674	3,906	4,341	4,763	4,893	4,871	5,116	5,057	5,099	4,982
Mathematics .....	5,695	4,315	3,074	3,413	3,607	3,730	3,867	3,903	4,146	4,041	4,011	4,067	4,100	4,181	4,031	3,783
Multi/interdisciplinary studies .....	821	1,158	2,144	2,583	2,625	2,482	2,575	2,762	2,834	1,796	2,126	2,498	2,464	2,457	2,347	2,819
Parks, recreation, leisure and fitness studies .....	218	571	643	596	570	560	544	535	529	483	1,358	1,434	1,625	1,755	1,751	1,966
Philosophy and religion .....	1,326	1,356	1,229	1,167	1,163	1,109	1,099	1,280	1,306	1,441	1,146	1,425	1,350	1,380	1,302	1,252
Physical sciences and science technologies .....	6,367	5,466	5,284	5,796	5,902	5,629	5,733	5,723	5,449	5,309	5,374	5,366	5,679	5,753	5,847	5,563
Precision production trades .....	—	—	—	4	0	0	4	0	3	0	0	2	2	5	8	3
Protective services .....	194	1,197	1,538	1,235	1,074	1,019	1,024	1,047	1,151	1,108	1,249	1,357	1,437	1,706	1,812	1,845
Psychology .....	5,717	10,167	10,223	9,891	9,845	9,562	9,180	9,940	10,730	11,349	10,215	10,957	12,181	13,921	13,792	14,353
Public administration and services .....	7,785	15,209	17,803	15,575	15,692	16,432	16,424	17,020	17,399	17,905	19,243	20,634	21,833	23,501	24,229	24,781
R.O.T.C. and military technologies .....	2	0	43	119	83	119	49	0	0	0	0	108	124	124	136	136
Social sciences and history .....	16,539	15,953	11,945	10,503	10,564	10,506	10,412	11,023	11,634	12,233	12,702	13,471	14,561	14,845	15,012	14,787
Theological studies/religious vocations .....	2,710	3,290	4,220	4,435	4,556	4,966	4,905	4,749	4,959	4,810	5,185	4,985	4,956	5,240	5,107	4,975
Transportation and material moving workers .....	63	108	120	295	454	433	679	692	538	406	385	495	664	823	919	919
Visual and performing arts .....	6,675	8,817	8,629	8,718	8,420	8,508	7,939	8,267	8,481	8,657	9,353	9,440	9,925	10,277	10,280	10,627
Not classified by field of study .....	0	0	0	0	0	0	4,144	851	1,836	8,523	4,156	884	1,651	577	780	4,519

—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 June 1999.)

Table 257.—Doctor's degrees conferred by institutions of higher education, by discipline division: 1970–71 to 1996–97

Discipline division	1970–71	1975–76	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	17
<b>Total</b> .....	<b>32,107</b>	<b>34,064</b>	<b>32,958</b>	<b>32,943</b>	<b>33,653</b>	<b>34,041</b>	<b>34,870</b>	<b>35,720</b>	<b>38,371</b>	<b>39,294</b>	<b>40,659</b>	<b>42,132</b>	<b>43,185</b>	<b>44,446</b>	<b>44,652</b>	<b>45,876</b>
Agriculture and natural resources .....	1,086	928	1,067	1,213	1,158	1,049	1,142	1,183	1,295	1,185	1,214	1,173	1,278	1,264	1,271	1,217
Architecture and related programs .....	36	82	93	89	73	92	98	86	103	135	132	148	161	141	141	135
Area, ethnic, and cultural studies .....	144	188	162	140	159	134	142	114	131	167	155	178	155	186	184	182
Biological sciences/life sciences .....	3,645	3,392	3,718	3,432	3,358	3,419	3,629	3,520	3,844	4,093	4,243	4,435	4,534	4,645	4,780	4,812
Business .....	757	900	795	831	934	1,062	1,063	1,100	1,093	1,185	1,242	1,346	1,364	1,394	1,368	1,336
Communications .....	145	196	171	228	212	273	230	247	267	259	252	293	337	320	338	296
Communications technologies .....	0	8	11	6	11	2	4	6	6	15	3	8	8	1	7	4
Computer and information sciences .....	128	244	252	248	344	374	428	551	627	676	772	805	810	884	867	857
Education .....	6,041	7,202	7,279	6,612	6,605	6,407	6,060	6,337	6,502	6,187	6,864	7,030	6,908	6,905	6,676	6,751
Engineering .....	3,637	2,819	2,551	3,221	3,398	3,801	4,174	4,506	4,967	5,258	5,488	5,823	5,963	6,110	6,369	6,201
Engineering-related technologies .....	1	2	10	9	12	17	17	17	14	14	11	20	16	18	11	9
English language and literature/letters .....	1,650	1,672	1,164	1,041	991	961	981	1,022	1,078	1,184	1,273	1,341	1,344	1,561	1,535	1,575
Foreign languages and literatures .....	988	1,076	804	635	672	661	602	632	724	758	850	830	886	905	876	915
Health professions and related sciences .....	466	577	842	1,199	1,241	1,213	1,261	1,437	1,536	1,613	1,661	1,767	1,902	2,069	2,119	2,672
Home economics and vocational home economics .....	123	178	247	273	311	296	307	264	301	253	293	345	365	388	414	382
Law and legal studies .....	20	76	60	105	54	120	89	76	111	90	68	86	79	88	91	81
Liberal arts and sciences, general studies, and humanities .....	32	162	121	112	90	56	66	72	63	70	67	81	80	90	75	77
Library science .....	39	71	71	87	62	57	46	61	42	56	50	77	45	55	53	46
Mathematics .....	1,249	909	775	734	777	759	796	915	966	1,036	1,082	1,189	1,157	1,226	1,209	1,174
Multi/interdisciplinary studies .....	59	111	158	219	263	247	224	212	272	220	231	196	227	238	441	451
Parks, recreation, leisure, and fitness studies .....	2	15	42	36	39	32	29	35	35	28	61	108	116	149	104	108
Philosophy and religion .....	554	554	410	468	477	421	405	465	439	456	475	448	528	507	549	593
Physical sciences and science technologies .....	4,390	3,431	3,141	3,403	3,551	3,673	3,809	3,858	4,164	4,290	4,391	4,393	4,650	4,483	4,571	4,474
Precision production trades .....	—	—	—	0	0	0	0	0	0	0	0	0	0	0	0	0
Protective services .....	1	9	21	33	21	18	32	26	38	28	24	32	25	26	38	31
Psychology .....	2,144	3,157	3,576	3,447	3,593	3,560	3,480	3,685	3,811	3,932	3,373	3,651	3,563	3,822	3,711	4,053
Public administration and services .....	174	292	362	431	382	398	470	428	508	430	432	459	519	556	499	518
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	2,851	2,955	2,916	2,781	2,885	3,010	3,012	3,218	3,460	3,627	3,725	3,760	3,989
Theological studies/religious vocations .....	312	1,033	1,276	1,144	1,185	1,230	1,199	1,166	1,317	1,079	1,259	1,417	1,448	1,591	1,521	1,395
Transportation and material moving workers .....	3	3	3	0	3	0	0	0	0	0	0	0	0	0	0	0
Visual and performing arts .....	621	620	654	696	722	793	727	753	849	838	906	882	1,054	1,080	1,067	1,060
Not classified by field of study .....	0	0	0	0	0	0	579	61	258	747	569	111	36	19	7	482

—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 June 1999.)

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97**

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
<b>All fields</b> .....	<b>1,172,879</b>	<b>520,515</b>	<b>652,364</b>	<b>419,401</b>	<b>180,947</b>	<b>238,454</b>	<b>45,876</b>	<b>27,146</b>	<b>18,730</b>
Agriculture and natural resources, total .....	22,602	13,794	8,808	4,516	2,608	1,908	1,217	884	333
Agricultural business and production, total .....	5,027	3,510	1,517	598	370	228	181	132	49
Agricultural business and management, total .....	3,303	2,331	972	450	280	170	137	96	41
Agricultural business and management, general .....	839	568	271	57	35	22	0	0	0
Agricultural business/agribusiness operations .....	1,175	816	359	34	18	16	0	0	0
Agricultural economics .....	1,074	780	294	359	227	132	137	96	41
Agricultural business and management, other .....	215	167	48	0	0	0	0	0	0
Agricultural mechanization .....	265	240	25	4	4	0	0	0	0
Agricultural production workers and managers .....	149	112	37	48	37	11	14	13	1
Horticulture service operations and management .....	639	425	214	32	18	14	11	8	3
International agriculture .....	20	10	10	13	7	6	0	0	0
Agricultural business and production, other .....	651	392	259	51	24	27	19	15	4
Agricultural sciences, total .....	7,876	4,378	3,498	1,609	970	639	690	495	195
Agriculture/agricultural sciences, general .....	1,138	775	363	178	110	68	0	0	0
Animal sciences, total .....	3,735	1,738	1,997	428	261	167	183	142	41
Animal sciences, general .....	3,183	1,449	1,734	324	197	127	134	104	30
Agricultural animal breeding and genetics .....	41	23	18	11	9	2	13	11	2
Agricultural animal health .....	7	1	6	7	5	2	0	0	0
Agricultural animal nutrition .....	0	0	0	8	6	2	6	6	0
Dairy science .....	78	42	36	23	9	14	6	5	1
Poultry science .....	145	114	31	25	17	8	10	8	2
Animal sciences, other .....	281	109	172	30	18	12	14	8	6
Food sciences and technology .....	562	228	334	312	134	178	171	89	82
Plant sciences, total .....	2,023	1,401	622	540	380	160	262	209	53
Plant sciences, general .....	396	263	133	68	41	27	31	19	12
Agronomy and crop science .....	673	543	130	215	167	48	127	107	20
Horticulture science .....	641	371	270	117	71	46	49	35	14
Plant breeding and genetics .....	0	0	0	16	11	5	17	16	1
Agricultural plant pathology .....	5	3	2	9	6	3	7	4	3
Plant protection (pest management) .....	30	20	10	18	9	9	1	1	0
Range science and management .....	144	102	42	58	45	13	19	18	1
Plant sciences, other .....	134	99	35	39	30	9	11	9	2
Soil sciences .....	177	105	72	91	57	34	62	48	14
Agriculture/agricultural sciences, other .....	241	131	110	60	28	32	12	7	5
Conservation and renewable natural resources, total .....	9,699	5,906	3,793	2,309	1,268	1,041	346	257	89
Natural resources conservation, general .....	5,511	3,006	2,505	1,265	638	627	117	79	38
Natural resources management and policy .....	543	335	208	222	119	103	7	5	2
Fishing and fisheries sciences and management .....	215	156	59	93	58	35	26	22	4
Forest harvesting and production technology/technician .....	305	242	63	19	16	3	25	21	4
Forestry, general .....	1,475	1,124	351	471	297	174	132	103	29
Wildlife and wildlands management .....	1,195	763	432	165	98	67	23	15	8
Conservation and renewable natural resources, other .....	455	280	175	74	42	32	16	12	4
Architecture and related programs, total .....	7,944	5,090	2,854	4,034	2,336	1,698	135	93	42
Architecture .....	4,593	3,163	1,430	2,034	1,299	735	51	33	18
City/urban, community, and regional planning .....	482	345	137	1,332	737	595	63	46	17
Architectural environmental design .....	660	432	228	63	22	41	4	2	2
Interior architecture .....	710	112	598	20	3	17	0	0	0
Landscape architecture .....	891	630	261	361	144	217	2	1	1
Architectural urban design and planning .....	0	0	0	69	47	22	7	5	2
Architecture and related programs, other .....	608	408	200	155	84	71	8	6	2
Area, ethnic, and cultural studies, total .....	5,839	1,995	3,844	1,651	739	912	182	95	87
Area studies, total .....	3,785	1,425	2,360	1,169	575	594	131	67	64
African studies .....	31	7	24	13	6	7	2	1	1
American studies/civilization .....	1,507	552	955	241	92	149	75	33	42
Latin American studies .....	463	143	320	225	108	117	13	8	5
Middle Eastern studies .....	85	44	41	86	43	43	18	12	6
Russian and Slavic studies .....	181	66	115	100	54	46	0	0	0
Asian studies .....	849	390	459	298	162	136	18	11	7
European studies .....	157	45	112	75	35	40	5	2	3
Area studies, other .....	512	178	334	131	75	56	0	0	0
Ethnic and cultural studies, total .....	1,623	385	1,238	189	43	146	29	11	18
Afro-American (black) studies .....	558	206	352	66	21	45	9	3	6
Hispanic-American studies .....	185	68	117	19	7	12	0	0	0
Women's studies .....	602	8	594	71	1	70	5	0	5
Ethnic studies, other .....	278	103	175	33	14	19	15	8	7
Area, ethnic and cultural studies, other .....	431	185	246	293	121	172	22	17	5
Biological sciences/life sciences, total .....	63,975	29,470	34,505	6,466	3,035	3,431	4,812	2,738	2,074
Biology, general .....	46,632	20,924	25,708	2,742	1,326	1,416	693	408	285

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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 .....	3,708	1,997	1,711	347	167	180	743	442	301
Botany, total .....	394	167	227	218	114	104	240	151	89
Botany, general .....	364	151	213	155	77	78	128	78	50
Plant pathology .....	8	7	1	54	31	23	84	58	26
Botany, other .....	22	9	13	9	6	3	28	15	13
Cell and molecular biology, total .....	2,342	1,200	1,142	216	92	124	592	318	274
Cell biology .....	233	105	128	48	19	29	192	105	87
Molecular biology .....	689	359	330	98	44	54	258	132	126
Cell and molecular biology, other .....	1,420	736	684	70	29	41	142	81	61
Microbiology/bacteriology .....	2,417	1,169	1,248	326	133	193	455	256	199
Miscellaneous biological specializations, total .....	3,354	1,494	1,860	1,563	614	949	1,146	621	525
Anatomy .....	57	42	15	54	34	20	58	33	25
Ecology .....	937	471	466	248	134	114	100	65	35
Marine/aquatic biology .....	770	339	431	136	66	70	31	20	11
Neurosciences .....	294	130	164	61	30	31	219	124	95
Nutritional sciences .....	456	89	367	429	65	364	94	30	64
Toxicology .....	58	31	27	69	34	35	100	60	40
Genetics, plant and animal .....	264	134	130	139	55	84	249	144	105
Biometrics .....	21	11	10	38	15	23	18	10	8
Miscellaneous specialized areas, other .....	497	247	250	389	181	208	277	135	142
Zoology, total .....	3,526	1,751	1,775	875	495	380	807	464	343
Zoology, general .....	2,800	1,368	1,432	227	120	107	148	91	57
Entomology .....	85	47	38	151	99	52	128	85	43
Pathology, human and animal .....	8	4	4	63	26	37	89	45	44
Pharmacology, human and animal .....	80	45	35	94	42	52	247	123	124
Physiology, human and animal .....	553	287	266	340	208	132	195	120	75
Zoology, other .....	0	0	0	0	0	0	0	0	0
Biological sciences/life sciences, other .....	1,602	768	834	179	94	85	136	78	58
Business management, administrative services and marketing operations/marketing and distribution, total .....	226,633	116,519	110,114	97,619	59,611	38,008	1,336	947	389
Business management and administrative services, total .....	222,084	114,627	107,457	96,946	59,240	37,706	1,334	946	388
Business, general .....	21,740	11,271	10,469	10,315	6,669	3,646	200	160	40
Business administration and management, total .....	84,965	43,630	41,335	57,635	36,044	21,591	717	502	215
Office supervision and management .....	714	124	590	1	0	1	0	0	0
Operations management and supervision .....	1,898	1,326	572	1,126	633	493	10	9	1
Business administration and management, other .....	82,353	42,180	40,173	56,508	35,411	21,097	707	493	214
Accounting .....	40,377	17,576	22,801	4,424	2,064	2,360	56	36	20
Secretarial and related programs .....	255	41	214	0	0	0	0	0	0
Business/managerial economics .....	2,696	1,663	1,033	205	123	82	45	36	9
Small business management and ownership .....	480	317	163	151	98	53	0	0	0
Finance, general and banking and financial support services .....	20,240	13,575	6,665	5,591	3,898	1,693	50	43	7
Actuarial sciences .....	249	146	103	64	39	25	0	0	0
Insurance and risk management .....	480	295	185	86	55	31	3	1	2
Investments and securities and financial planning .....	359	206	153	378	255	123	0	0	0
Hospitality services management .....	5,490	2,533	2,957	426	218	208	10	6	4
Human resources management .....	5,458	2,066	3,392	2,306	854	1,452	26	11	15
Labor/personnel relations and studies .....	863	432	431	622	237	385	23	15	8
Organizational behavior studies .....	1,379	581	798	408	187	221	39	19	20
International business .....	3,007	1,523	1,484	3,017	1,803	1,214	17	16	1
Business information systems, total .....	7,048	4,448	2,600	2,673	1,792	881	16	10	6
Management information systems and data processing, gen- eral .....	6,296	3,914	2,382	2,070	1,392	678	16	10	6
Business information systems, other .....	752	534	218	603	400	203	0	0	0
Quantitative methods and management science, total .....	1,710	994	716	1,116	779	337	33	19	14
Business statistics .....	21	8	13	24	12	12	4	3	1
Management science, other .....	1,689	986	703	1,092	767	325	29	16	13
Marketing management and research .....	20,544	10,855	9,689	1,828	881	947	46	31	15
Real estate .....	359	242	117	180	136	44	3	3	0
Taxation .....	0	0	0	1,715	955	760	0	0	0
Consumer and personal services .....	209	127	82	23	5	18	0	0	0
Business management and administrative services, other .....	4,176	2,106	2,070	3,783	2,148	1,635	50	38	12
Marketing operations/marketing and distribution, total .....	4,549	1,892	2,657	673	371	302	2	1	1
Apparel and accessories marketing operations .....	1,029	58	971	0	0	4	0	0	0
Business and personal services marketing operations .....	262	138	124	0	0	0	0	0	0
General/retailing and wholesaling operations and skills .....	2,446	1,216	1,230	510	265	245	2	1	1
Transportation and travel marketing .....	175	42	133	26	7	19	0	0	0
Marketing and distribution, other .....	637	438	199	133	99	34	0	0	0
Communications and communications technologies, total .....	47,768	19,688	28,080	5,601	2,004	3,597	300	155	145
Communications, total .....	47,230	19,412	27,818	5,227	1,800	3,427	296	152	144
Communications, general .....	23,329	9,300	14,029	1,931	635	1,296	198	102	96
Advertising .....	2,654	1,071	1,583	266	93	173	2	0	2
Journalism .....	8,663	3,193	5,470	1,435	463	972	20	9	11
Broadcast journalism .....	523	228	295	2	1	1	0	0	0



**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Public relations and organizational communications .....	2,203	674	1,529	272	52	220	0	0	0
Radio and television broadcasting .....	5,060	2,845	2,215	324	151	173	19	8	11
Communications, other .....	4,798	2,101	2,697	997	405	592	57	33	24
Communications technologies, total .....	538	276	262	374	204	170	4	3	1
Photographic technology .....	8	1	7	0	0	0	0	0	0
Radio and television technology .....	432	227	205	242	125	117	4	3	1
Communications technologies, other .....	98	48	50	132	79	53	0	0	0
Computer and information sciences, total .....	24,768	18,037	6,731	10,098	7,248	2,850	857	721	136
Computer and information sciences, general .....	15,638	11,741	3,897	6,933	5,110	1,823	658	557	101
Computer programming .....	244	164	80	18	11	7	0	0	0
Data processing technology/technician .....	127	77	50	0	0	0	0	0	0
Information science and systems .....	4,390	2,759	1,631	1,563	1,013	550	30	24	6
Computer systems analysis .....	225	151	74	40	31	9	3	2	1
Computer and information sciences, other .....	4,144	3,145	999	1,544	1,083	461	166	138	28
Education, total .....	105,233	26,271	78,962	110,087	25,806	84,281	6,751	2,512	4,239
Education, general .....	1,603	288	1,315	11,899	2,902	8,997	1,036	368	668
Bilingual/bicultural education .....	100	11	89	377	67	310	12	4	8
Curriculum and instruction .....	24	15	9	9,994	1,934	8,060	715	203	512
Education administration and supervision, total .....	182	35	147	11,952	4,552	7,400	2,373	1,018	1,355
Education administration and supervision, general .....	2	0	2	8,450	3,194	5,256	1,724	750	974
Administration of special education .....	0	0	0	8	3	5	2	0	2
Adult and continuing education administration .....	10	4	6	165	52	113	70	35	35
Educational supervision .....	0	0	0	764	198	566	16	8	8
Elementary, middle, and secondary education administration .....	169	31	138	1,620	729	891	64	19	45
Higher education administration .....	0	0	0	464	176	288	330	148	182
Community and junior college education administration .....	0	0	0	14	8	6	4	1	3
Education administration and supervision, other .....	1	0	1	467	192	275	163	57	106
Educational/instructional media design .....	21	10	11	1,417	425	992	44	16	28
Educational evaluation and research, general .....	43	10	33	57	22	35	13	5	8
Educational statistics and research methods .....	3	0	3	20	11	9	20	8	12
Educational assessment, testing and measurement .....	0	0	0	53	12	41	29	7	22
Social and philosophical foundations of education .....	52	10	42	243	54	189	102	30	72
Special education, total .....	10,015	1,096	8,919	12,143	1,823	10,320	232	45	187
Special education, general .....	7,043	826	6,217	9,779	1,504	8,275	210	41	169
Education of the deaf and hearing impaired .....	255	8	247	189	19	170	0	0	0
Education of the gifted and talented .....	2	0	2	190	19	171	0	0	0
Education of the emotionally handicapped .....	345	55	290	229	45	184	4	0	4
Education of the mentally handicapped .....	473	47	426	84	12	72	3	0	3
Education of the multiple handicapped .....	113	1	112	263	25	238	1	0	1
Education of the physically handicapped .....	67	14	53	78	9	69	1	1	0
Education of the blind and visually handicapped .....	27	4	23	27	4	23	0	0	0
Education of the specific learning disabled .....	638	55	583	592	60	532	8	1	7
Education of the speech impaired .....	715	37	678	241	12	229	0	0	0
Special education, other .....	337	49	288	471	114	357	5	2	3
Counselor education/counseling and guidance services .....	58	14	44	12,983	2,822	10,161	333	122	211
General teacher education, total .....	58,332	8,143	50,189	26,431	4,968	21,463	407	139	268
Adult and continuing education .....	36	17	19	911	229	682	163	63	100
Elementary education .....	45,658	5,676	39,982	13,869	1,768	12,101	70	13	57
Junior high/intermediate/middle school education .....	1,463	327	1,136	718	162	556	0	0	0
Pre-elementary/early childhood/kindergarten education .....	6,427	226	6,201	2,078	65	2,013	25	2	23
Secondary education .....	4,030	1,765	2,265	4,997	1,822	3,175	66	28	38
Teacher education, general programs, other .....	718	132	586	3,858	922	2,936	83	33	50
Teacher education, academic and vocational programs .....	33,442	16,043	17,399	16,181	4,900	11,281	782	341	441
Agricultural education (vocational) .....	496	312	184	240	142	98	50	27	23
Art education .....	1,491	324	1,167	652	98	554	24	8	16
Business education (vocational) .....	945	290	655	384	111	273	14	6	8
Driver and safety education .....	37	6	31	13	12	1	0	0	0
English education .....	2,428	588	1,840	805	166	639	15	5	10
Foreign languages education .....	301	56	245	311	68	243	21	8	13
Health education .....	2,136	572	1,564	792	184	608	58	19	39
Home economics education (vocational) .....	262	6	256	75	3	72	9	3	6
Technology/industrial arts education .....	1,150	938	212	357	232	125	12	8	4
Marketing operations/marketing and distribution education .....	59	29	30	6	1	5	0	0	0
Mathematics education .....	1,523	597	926	836	282	554	47	21	26
Music education .....	2,812	1,184	1,628	749	317	432	79	36	43
Physical education and coaching .....	12,383	7,272	5,111	2,923	1,621	1,302	186	97	89
Reading education .....	155	14	141	3,927	211	3,716	66	13	53
Science education .....	1,124	493	631	668	258	410	45	24	21
Social science education .....	887	487	400	159	76	83	8	5	3
Social studies education .....	1,875	1,132	743	557	305	252	1	0	1
Technical education (vocational) .....	172	110	62	254	98	156	34	13	21
Trade and industrial education (vocational) .....	997	696	301	433	198	235	51	26	25
Teacher education, academic and vocational programs, other .....	2,209	937	1,272	2,040	517	1,523	62	22	40

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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 .....	68	11	57	1,663	310	1,353	11	3	8
Education, other .....	1,290	585	705	4,674	1,004	3,670	642	203	439
Engineering and engineering-related technologies, total .....	75,157	62,648	12,509	26,827	21,928	4,899	6,210	5,446	764
Engineering, total .....	61,185	50,058	11,127	25,787	21,120	4,667	6,201	5,438	763
Engineering, general .....	2,160	1,794	366	1,237	1,022	215	224	202	22
Aerospace, aeronautical, and astronautical engineering .....	1,290	1,088	202	625	550	75	254	238	16
Agricultural engineering .....	648	493	155	168	125	43	84	69	15
Architectural engineering .....	488	383	105	27	21	6	1	1	0
Bioengineering and biomedical engineering .....	964	632	332	485	331	154	178	141	37
Ceramic sciences and engineering .....	184	160	24	61	44	17	49	37	12
Chemical engineering .....	6,564	4,385	2,179	1,131	841	290	650	536	114
Civil engineering .....	10,437	8,292	2,145	3,833	3,032	801	640	558	82
Computer engineering .....	2,823	2,449	374	935	695	240	124	108	16
Electrical, electronics, and communications engineering .....	13,336	11,747	1,589	6,393	5,489	904	1,512	1,372	140
Engineering mechanics .....	88	75	13	138	127	11	72	67	5
Engineering physics .....	285	240	45	56	45	11	45	41	4
Engineering science .....	259	194	65	299	234	65	53	46	7
Environmental/environmental health engineering .....	831	582	249	1,014	725	289	71	58	13
Geological engineering .....	172	121	51	60	48	12	10	10	0
Geophysical engineering .....	16	10	6	5	5	0	1	1	0
Industrial/manufacturing engineering .....	3,632	2,676	956	2,000	1,570	430	265	223	42
Material engineering .....	479	357	122	463	347	116	382	312	70
Mechanical engineering .....	13,493	11,905	1,588	3,608	3,202	406	913	829	84
Metallurgical engineering .....	245	192	53	107	90	17	72	66	6
Mining and mineral engineering .....	142	122	20	50	45	5	33	32	1
Naval architecture and marine engineering .....	292	272	20	18	18	0	3	3	0
Nuclear engineering .....	162	135	27	185	154	31	113	101	12
Ocean engineering .....	141	117	24	97	84	13	35	29	6
Petroleum engineering .....	241	213	28	128	109	19	49	46	3
Systems engineering .....	406	317	89	514	419	95	36	27	9
Textile sciences and engineering .....	57	39	18	34	23	11	4	3	1
Engineering, other .....	1,350	1,068	282	2,116	1,725	391	328	282	46
Engineering-related technologies, total .....	13,972	12,590	1,382	1,040	808	232	9	8	1
Architectural engineering technologies .....	441	398	43	0	0	0	0	0	0
Civil technologies .....	462	413	49	1	0	1	0	0	0
Electrical and electronic technologies .....	3,849	3,554	295	22	21	1	0	0	0
Electromechanical instrumentation and maintenance technologies .....	331	307	24	1	1	0	0	0	0
Environmental control technologies .....	252	198	54	160	119	41	0	0	0
Industrial production technologies .....	3,394	2,953	441	278	221	57	6	5	1
Quality control and safety technologies .....	483	393	90	311	237	74	0	0	0
Mechanical and related technologies .....	1,618	1,514	104	0	0	0	0	0	0
Mining and petroleum technologies .....	12	12	0	0	0	0	0	0	0
Surveying .....	128	116	12	31	25	6	3	3	0
Mechanics and repairers .....	48	45	3	0	0	0	0	0	0
Construction trades .....	108	93	15	0	0	0	0	0	0
Engineering and related technologies, other .....	2,846	2,594	252	236	184	52	0	0	0
English language and literature/letters, total .....	49,345	16,531	32,814	7,722	2,733	4,989	1,575	670	905
English language and literature, general .....	37,556	12,185	25,371	5,160	1,835	3,325	1,175	509	666
Comparative literature .....	704	206	498	235	83	152	144	60	84
English composition .....	293	116	177	19	4	15	4	3	1
English creative writing .....	1,044	433	611	1,096	438	658	9	5	4
American literature (United States) .....	25	6	19	8	2	6	15	6	9
English literature (British and Commonwealth) .....	1,161	366	795	224	62	162	33	10	23
Speech and rhetorical studies .....	7,164	2,738	4,426	702	239	463	135	58	77
English technical and business writing .....	199	67	132	166	44	122	0	0	0
English language and literature/letters, other .....	1,199	414	785	112	26	86	60	19	41
Foreign languages and literatures, total .....	13,674	4,138	9,536	3,077	1,004	2,073	915	385	530
Foreign languages and literatures, total .....	1,467	426	1,041	974	326	648	265	124	141
Foreign languages and literatures, general .....	890	242	648	333	103	230	61	33	28
Linguistics .....	577	184	393	641	223	418	204	91	113
East and Southeast Asian languages and literatures, total .....	544	302	242	116	57	59	29	13	16
Chinese .....	152	80	72	31	17	14	15	7	8
Japanese .....	321	177	144	39	14	25	5	2	3
East and Southeast Asian languages, other .....	71	45	26	46	26	20	9	4	5
East European languages and literatures, total .....	500	213	287	142	52	90	44	14	30
Russian languages .....	455	194	261	46	18	28	9	5	4
Slavic languages (other than Russian) .....	31	14	17	88	29	59	34	9	25
East European languages, other .....	14	5	9	8	5	3	1	0	1
Germanic languages and literatures, total .....	1,244	491	753	305	117	188	84	36	48
German .....	1,214	481	733	281	111	170	80	34	46

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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 .....	19	4	15	6	2	4	0	0	0
Germanic languages, other .....	11	6	5	18	4	14	4	2	2
South Asian languages and literatures .....	7	5	2	6	1	5	2	1	1
Romance languages and literatures, total .....	8,994	2,282	6,712	1,231	306	925	386	138	248
French .....	2,468	474	1,994	414	81	333	119	32	87
Italian .....	234	62	172	49	15	34	18	5	13
Portuguese .....	34	18	16	7	5	2	3	1	2
Spanish .....	6,161	1,704	4,457	677	181	496	175	73	102
Romance languages, other .....	97	24	73	84	24	60	71	27	44
Middle Eastern languages and literatures, total .....	77	18	59	61	32	29	16	12	4
Arabic .....	9	2	7	3	2	1	0	0	0
Hebrew .....	39	4	35	33	16	17	5	3	2
Middle East languages, other .....	29	12	17	25	14	11	11	9	2
Classical and ancient Near East languages and literatures, total ...	714	353	361	162	87	75	51	29	22
Classics .....	613	300	313	136	75	61	49	28	21
Greek (ancient and medieval) .....	24	14	10	5	3	2	2	1	1
Latin (ancient and medieval) .....	77	39	38	21	9	12	0	0	0
Foreign languages, other .....	127	48	79	80	26	54	38	18	20
Health professions and related sciences, total .....	85,631	15,877	69,754	35,958	7,702	28,256	2,672	1,176	1,496
Communication disorders sciences and services .....	6,728	418	6,310	5,417	335	5,082	96	15	81
Community health liaison .....	770	168	602	199	53	146	0	0	0
Dentistry .....	0	0	0	407	259	148	32	24	8
Dental services .....	924	25	899	36	15	21	0	0	0
Epidemiology .....	0	0	0	412	147	265	100	33	67
Health services administration, total .....	4,512	1,122	3,390	3,783	1,390	2,393	58	23	35
Health services administration .....	2,500	640	1,860	2,174	840	1,334	34	12	22
Medical records administration .....	750	97	653	0	0	0	0	0	0
Medical records technology/technician .....	1	0	1	4	3	1	4	2	2
Health and medical administrative services, other .....	1,261	385	876	1,605	547	1,058	20	9	11
Health and medical assistants, total .....	1,644	734	910	558	231	327	0	0	0
Medical assistant .....	0	0	0	0	0	0	0	0	0
Physician assistant .....	1,412	649	763	516	210	306	0	0	0
Health and medical assistants, other .....	232	85	147	42	21	21	0	0	0
Health and medical diagnostic and treatment services, total .....	1,792	721	1,071	36	23	13	2	0	2
Respiratory therapy technology/technician .....	484	186	298	0	0	0	0	0	0
Health and medical diagnostic and treatment services, other .....	1,308	535	773	36	23	13	2	0	2
Medical laboratory technologies, total .....	2,902	875	2,027	507	211	296	89	42	47
Medical technology .....	2,440	720	1,720	69	23	46	0	0	0
Health and medical laboratory technologies/technicians, other ...	462	155	307	438	188	250	89	42	47
Pre-dentistry studies .....	127	75	52	0	0	0	0	0	0
Pre-medicine studies .....	654	338	316	0	0	0	0	0	0
Pre-pharmacy studies .....	2	2	0	0	0	0	0	0	0
Pre-veterinary studies .....	278	99	179	0	0	0	0	0	0
Medical basic sciences .....	449	178	271	541	295	246	474	260	214
Mental health services, total .....	537	94	443	423	90	333	1	0	1
Alcohol/drug abuse counseling .....	83	21	62	64	22	42	0	0	0
Psychiatric/mental health services technician .....	111	17	94	31	13	18	0	0	0
Clinical and medical social work .....	114	22	92	68	20	48	0	0	0
Mental health services, other .....	229	34	195	260	35	225	1	0	1
Nursing .....	44,735	5,023	39,712	11,636	883	10,753	488	23	465
Optometry .....	165	67	98	8	2	6	2	0	2
Pharmacy .....	5,826	2,263	3,563	288	128	160	307	175	132
Rehabilitation/therapeutic services, total .....	8,434	1,941	6,493	6,461	1,683	4,778	92	38	54
Art therapy .....	85	5	80	179	14	165	0	0	0
Dance therapy .....	1	0	1	21	1	20	0	0	0
Music therapy .....	214	26	188	57	9	48	0	0	0
Occupational therapy .....	3,476	533	2,943	1,251	163	1,088	9	0	9
Orthotics/prosthetics .....	26	14	12	0	0	0	0	0	0
Physical therapy .....	3,089	999	2,090	3,940	1,231	2,709	59	27	32
Recreational therapy .....	201	53	148	11	0	11	0	0	0
Vocational rehabilitation counseling .....	275	46	229	628	165	463	8	3	5
Rehabilitative services, other .....	1,067	265	802	374	100	274	16	8	8
Veterinary medicine .....	0	0	0	175	83	92	126	78	48
Miscellaneous health professions .....	454	222	232	682	335	347	466	297	169
Health professions and related sciences, other .....	4,698	1,512	3,186	4,389	1,539	2,850	339	168	171
Home economics and vocational home economics, total .....	16,571	1,914	14,657	2,888	440	2,448	382	95	287
Home economics, total .....	16,113	1,735	14,378	2,866	439	2,427	382	95	287
Home economics, general .....	2,493	180	2,313	324	19	305	63	13	50
Home economics business services .....	123	10	113	2	0	2	0	0	0
Family and community studies .....	366	38	328	69	24	45	2	1	1
Family and consumer resource management .....	1,149	298	851	110	18	92	21	7	14
Food and nutrition studies .....	4,104	523	3,581	699	71	628	42	14	28
Housing studies .....	456	91	365	24	9	15	3	0	3
Individual and family development studies .....	6,072	515	5,557	1,535	288	1,247	230	57	173

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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 .....	1,237	67	1,170	83	8	75	12	3	9
Home economics, other .....	113	13	100	20	2	18	9	0	9
Vocational home economics, total .....	458	179	279	22	1	21	0	0	0
Child care and guidance management .....	141	10	131	18	1	17	0	0	0
Vocational home economics, other .....	317	169	148	4	0	4	0	0	0
Law and legal studies, total .....	2,038	603	1,435	2,886	1,817	1,069	81	59	22
Pre-law studies .....	173	92	81	0	0	0	0	0	0
Paralegal/legal assistant .....	1,127	186	941	41	8	33	0	0	0
Law and legal studies, other .....	738	325	413	2,845	1,809	1,036	81	59	22
Liberal arts and sciences, general studies, and humanities, total .....	34,776	13,483	21,293	2,661	892	1,769	77	34	43
Liberal arts and sciences/liberal studies .....	21,810	7,737	14,073	1,733	583	1,150	20	10	10
Humanities/humanistic studies .....	2,769	948	1,821	539	199	340	48	18	30
Liberal arts and sciences, general studies, other .....	10,197	4,798	5,399	389	110	279	9	6	3
Library science, total .....	48	6	42	4,982	1,115	3,867	46	16	30
Library science/librarianship .....	45	6	39	4,898	1,099	3,799	43	15	28
Library science, other .....	3	0	3	84	16	68	3	1	2
Mathematics, total .....	12,820	6,908	5,912	3,783	2,241	1,542	1,174	891	283
Mathematics .....	11,109	5,847	5,262	2,322	1,395	927	810	628	182
Applied mathematics, total .....	1,053	657	396	591	382	209	154	115	39
Applied mathematics, general and other .....	634	398	236	312	196	116	114	85	29
Operations research (quantitative methods) .....	419	259	160	279	186	93	40	30	10
Mathematical statistics .....	365	201	164	797	417	380	190	133	57
Mathematics, other .....	293	203	90	73	47	26	20	15	5
Multi/interdisciplinary studies, total .....	26,137	8,901	17,236	2,819	1,214	1,605	451	232	219
Biological and physical sciences .....	2,816	1,416	1,400	301	150	151	30	21	9
Systems science and theory .....	97	63	34	166	71	95	8	5	3
Museology/museum studies .....	5	0	5	107	19	88	0	0	0
Multi/interdisciplinary studies, other .....	23,219	7,422	15,797	2,245	974	1,271	413	206	207
Parks, recreation, leisure, and fitness studies, total .....	15,401	7,858	7,543	1,966	965	1,001	108	60	48
Parks, recreation and leisure studies .....	2,282	1,080	1,202	261	102	159	13	6	7
Parks, recreation and leisure facilities management .....	2,927	1,346	1,581	232	103	129	10	7	3
Health and physical education/fitness .....	9,986	5,309	4,677	1,441	744	697	81	44	37
Parks, recreation, leisure and fitness studies, other .....	206	123	83	32	16	16	4	3	1
Philosophy and religion, total .....	7,685	4,882	2,803	1,252	745	507	593	418	175
Philosophy .....	4,507	3,116	1,391	587	419	168	357	269	88
Religion/religious studies .....	2,854	1,574	1,280	527	289	238	228	144	84
Philosophy and religion, other .....	324	192	132	138	37	101	8	5	3
Physical sciences and science technologies, total .....	19,531	12,228	7,303	5,563	3,752	1,811	4,474	3,444	1,030
Physical sciences, total .....	19,417	12,164	7,253	5,546	3,739	1,807	4,467	3,438	1,029
Physical sciences, general .....	367	223	144	65	52	13	2	2	0
Astronomy .....	92	64	28	78	52	26	86	67	19
Astrophysics .....	48	30	18	15	9	6	13	12	1
Atmospheric science and meteorology .....	431	348	83	177	135	42	91	73	18
Chemistry, total .....	10,644	5,925	4,719	2,240	1,325	915	2,259	1,598	661
Chemistry, general .....	10,263	5,705	4,558	2,104	1,238	866	2,064	1,465	599
Analytical chemistry .....	0	0	0	17	11	6	17	11	6
Inorganic chemistry .....	0	0	0	1	1	0	5	4	1
Organic chemistry .....	13	9	4	15	12	3	9	9	0
Medicinal/pharmaceutical chemistry .....	35	15	20	37	20	17	57	33	24
Chemistry, other .....	333	196	137	66	43	23	107	76	31
Geological and related sciences, total .....	3,219	2,044	1,175	996	660	336	388	295	93
Geology .....	2,952	1,873	1,079	849	555	294	298	228	70
Geochemistry .....	12	5	7	8	6	2	8	6	2
Geophysics and seismology .....	47	30	17	78	61	17	52	43	9
Geological and related sciences, other .....	208	136	72	61	38	23	30	18	12
Miscellaneous physical sciences, total .....	894	580	314	348	196	152	193	154	39
Metallurgy .....	0	0	0	3	2	1	0	0	0
Oceanography .....	205	131	74	113	61	52	102	79	23
Earth and planetary sciences .....	599	393	206	149	92	57	74	61	13
Miscellaneous physical sciences, other .....	90	56	34	83	41	42	17	14	3
Physics, total .....	3,376	2,726	650	1,496	1,242	254	1,410	1,223	187
Physics, general .....	3,248	2,623	625	1,414	1,169	245	1,302	1,130	172
Physics, other .....	128	103	25	82	73	9	108	93	15
Physical sciences, other .....	346	224	122	131	68	63	25	14	11

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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 .....	114	64	50	17	13	4	7	6	1
Precision production trades, total .....	326	257	69	3	3	0	0	0	0
Drafting, general .....	132	121	11	0	0	0	0	0	0
Precision production trades, other .....	194	136	58	3	3	0	0	0	0
Protective services, total .....	25,165	15,150	10,015	1,845	1,098	747	31	15	16
Criminal justice and corrections, total .....	24,802	14,805	9,997	1,807	1,062	745	31	15	16
Corrections/correctional administration .....	642	319	323	61	41	20	0	0	0
Criminal justice/law enforcement administration .....	8,345	5,002	3,343	744	448	296	8	2	6
Criminal justice studies .....	12,957	7,615	5,342	885	517	368	23	13	10
Forensic studies .....	40	16	24	60	30	30	0	0	0
Law enforcement/police science .....	1,656	1,192	464	48	25	23	0	0	0
Criminal justice, other .....	1,162	661	501	9	1	8	0	0	0
Fire control and safety .....	352	337	15	28	26	2	0	0	0
Protective services, other .....	11	8	3	10	10	0	0	0	0
Psychology, total .....	74,191	19,379	54,812	14,353	3,852	10,501	4,053	1,350	2,703
Psychology, general .....	69,684	18,237	51,447	4,834	1,455	3,379	1,530	546	984
Clinical psychology .....	67	20	47	1,455	345	1,110	1,614	492	1,122
Counseling psychology .....	320	78	242	4,597	1,051	3,546	325	114	211
Developmental and child psychology .....	657	65	592	111	16	95	55	10	45
Experimental psychology .....	281	54	227	65	27	38	88	42	46
Industrial and organizational psychology .....	129	36	93	968	382	586	81	32	49
Physiological psychology/psychobiology .....	248	103	145	6	1	5	24	8	16
Social psychology .....	560	148	412	117	31	86	36	11	25
School psychology .....	0	0	0	804	154	650	117	32	85
Psychology, other .....	2,245	638	1,607	1,396	390	1,006	183	63	120
Public administration and services, total .....	20,649	4,177	16,472	24,781	6,957	17,824	518	243	275
Public administration .....	2,404	1,233	1,171	7,560	3,625	3,935	126	87	39
Community organization, resources and services .....	1,772	417	1,355	310	91	219	5	0	5
Public policy analysis .....	408	186	222	976	479	497	103	57	46
Social work .....	15,398	2,151	13,247	15,454	2,576	12,878	274	94	180
Public affairs, other .....	667	190	477	481	186	295	10	5	5
R.O.T.C. and military technologies, total .....	4	4	0	136	132	4	0	0	0
Social sciences and history, total .....	124,891	64,115	60,776	14,787	7,830	6,957	3,989	2,479	1,510
Social sciences, general .....	7,669	3,122	4,547	551	231	320	57	25	32
Anthropology .....	6,606	2,378	4,228	1,075	384	691	439	194	245
Archeology .....	136	63	73	36	15	21	11	4	7
Criminology .....	2,757	1,617	1,140	98	57	41	16	7	9
Demography and population studies .....	6	2	4	16	4	12	10	4	6
Economics .....	16,539	11,423	5,116	2,433	1,616	817	968	748	220
Geography, total .....	4,128	2,729	1,399	757	461	296	154	103	51
Geography .....	4,082	2,693	1,389	756	460	296	154	103	51
Cartography .....	46	36	10	1	1	0	0	0	0
History .....	25,214	15,537	9,677	2,901	1,739	1,162	873	551	322
International relations and affairs .....	5,161	2,171	2,990	2,392	1,245	1,147	47	34	13
Political science and government, general .....	28,969	16,078	12,891	1,909	1,129	780	686	490	196
Sociology .....	24,672	7,821	16,851	1,731	605	1,126	591	265	326
Urban affairs/studies .....	655	289	366	331	144	187	53	25	28
Social sciences and history, other .....	2,379	885	1,494	557	200	357	84	29	55
Theological studies/religious vocations, total .....	5,591	4,119	1,472	4,975	3,025	1,950	1,395	1,143	252
Biblical and other theological languages and literatures .....	49	36	13	43	17	26	5	5	0
Bible/biblical studies .....	1,681	1,226	455	318	252	66	37	32	5
Missions/missionary studies and misology .....	213	116	97	168	85	83	31	27	4
Religious education .....	819	457	362	813	464	349	45	32	13
Religious/sacred music .....	150	82	68	111	75	36	5	4	1
Theology/theological studies .....	2,122	1,833	289	2,607	1,694	913	920	779	141
Pastoral counseling and specialized ministries .....	243	174	69	569	252	317	168	122	46
Theological studies and religious vocations, other .....	314	195	119	346	186	160	184	142	42
Transportation and material moving workers, total .....	3,547	3,130	417	919	863	56	0	0	0
Air transportation workers .....	3,349	2,956	393	899	849	50	0	0	0
Water transportation workers .....	187	165	22	0	0	0	0	0	0
Transportation and material moving, other .....	11	9	2	20	14	6	0	0	0
Visual and performing arts, total .....	50,083	20,729	29,354	10,627	4,470	6,157	1,060	525	535
Visual and performing arts, general .....	1,333	541	792	71	29	42	1	0	1
Crafts, folk art. and artisanry .....	109	32	77	14	4	10	0	0	0

**Table 258.—Bachelor's, master's, and doctor's degrees conferred by institutions of higher education, by sex of student and field of study: 1996–97—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
Dance .....	973	73	900	187	25	162	12	3	9
Design and applied art .....	8,034	3,414	4,620	593	226	367	0	0	0
Dramatic/theater arts and stagecraft .....	6,409	2,551	3,858	1,452	710	742	97	49	48
Film/video and photographic arts, total .....	2,985	1,848	1,137	655	376	279	21	13	8
Film-video making/cinematography and production .....	1,132	768	364	379	216	163	15	8	7
Photography .....	833	380	453	155	84	71	4	3	1
Film arts, other .....	1,020	700	320	121	76	45	2	2	0
Fine arts and art studies, total .....	20,614	7,532	13,082	3,370	1,175	2,195	180	48	132
Art, general .....	11,431	4,332	7,099	1,032	407	625	26	7	19
Art history, criticism and conservation .....	4,192	1,184	3,008	898	234	664	145	39	106
Arts management .....	70	16	54	166	28	138	0	0	0
Painting .....	753	355	398	207	99	108	0	0	0
Ceramic arts and ceramics .....	201	65	136	58	29	29	0	0	0
Fiber, textile and weaving arts .....	109	7	102	39	5	34	1	0	1
Metal and jewelry arts .....	76	16	60	27	9	18	0	0	0
Fine arts and art studies, other .....	3,782	1,557	2,225	943	364	579	8	2	6
Music, total .....	9,120	4,522	4,598	3,857	1,784	2,073	709	395	314
Music, general .....	4,605	2,192	2,413	1,209	560	649	314	171	143
Music history and literature .....	61	29	32	57	28	29	33	17	16
Music, general performance .....	2,882	1,373	1,509	1,907	849	1,058	250	136	114
Music theory and composition .....	303	226	77	187	129	58	47	28	19
Music, other .....	1,269	702	567	497	218	279	65	43	22
Visual and performing arts, other .....	506	216	290	428	141	287	40	17	23
Not classified by field of study .....	4,856	2,614	2,242	4,519	2,782	1,737	482	320	162

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 June 1999.)

**Table 259.—Degrees conferred by institutions of higher education, by control of institution: 1969–70 to 1996–97**

Year	Public institutions					Private institutions				
	Associate	Bachelor's	Master's	Doctor's	First-professional <sup>1</sup>	Associate	Bachelor's	Master's	Doctor's	First-professional <sup>1</sup>
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	<sup>2</sup> 366,732	636,475	182,295	20,889	29,611	<sup>2</sup> 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	<sup>2</sup> 379,249	646,013	170,693	21,141	29,586	<sup>2</sup> 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	<sup>3</sup> 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
1996–97	465,494	776,677	233,237	29,838	31,243	105,732	396,202	186,164	16,038	47,487

<sup>1</sup> Includes degrees which require at least 6 years of college work for completion (including at least 2 years of preprofessional training).  
<sup>2</sup> Data are approximations.  
<sup>3</sup> 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 June 1999.)

**Table 260.—Degrees conferred by institutions of higher education, by control of institution, level of degree, and discipline division: 1996–97**

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
<b>Total</b>	<b>465,494</b>	<b>776,677</b>	<b>233,237</b>	<b>29,838</b>	<b>105,732</b>	<b>396,202</b>	<b>186,164</b>	<b>16,038</b>
Agriculture and natural resources <sup>1</sup>	6,104	20,863	3,890	1,193	359	1,739	626	24
Architecture and related programs	256	6,038	2,845	87	60	1,906	1,189	48
Area, ethnic, and cultural studies	72	3,238	923	96	12	2,601	728	86
Biological sciences/life sciences	2,045	41,702	4,505	3,350	71	22,273	1,961	1,462
Business <sup>2</sup>	75,915	134,199	38,792	917	33,484	92,434	58,827	419
Communications	1,436	33,078	2,712	245	594	14,152	2,515	51
Communications technologies	1,604	423	93	0	139	115	281	4
Computer and information sciences	7,271	14,938	5,806	570	3,719	9,830	4,292	287
Construction trades	1,526	28	0	0	402	80	0	0
Education	9,339	77,846	69,244	5,080	1,187	27,387	40,843	1,671
Engineering	1,694	46,460	17,707	4,442	258	14,725	8,080	1,759
Engineering-related technologies	20,732	10,016	892	9	13,078	3,800	148	0
English language and literature/letters	1,374	33,418	5,668	1,190	81	15,927	2,054	385
Foreign languages and literatures	445	8,970	2,314	583	244	4,704	763	332
Health professions and related sciences	81,380	55,554	20,631	1,653	17,541	30,077	15,327	1,019
Home economics and vocational home economics	8,214	14,299	1,596	241	337	2,272	1,292	141
Law and legal studies	5,632	1,168	614	11	3,336	870	2,272	70
Liberal arts and sciences, general studies, and humanities	171,170	21,325	1,118	41	10,171	13,451	1,543	36
Library science	124	43	3,998	45	2	5	984	1
Mathematics	762	8,351	2,886	830	30	4,469	897	344
Mechanics and repairers	9,859	28	0	0	2,321	20	0	0
Multi/interdisciplinary studies	9,088	20,271	1,929	205	94	5,866	890	246
Parks, recreation, leisure, and fitness studies	789	11,864	1,658	97	124	3,537	308	11
Philosophy and religion	44	3,049	436	235	45	4,636	816	358
Physical sciences and science technologies	2,470	12,759	4,207	3,241	56	6,772	1,356	1,233
Precision production trades	6,601	302	0	0	3,767	24	3	0
Protective services	18,890	19,759	1,132	31	999	5,406	713	0
Psychology	1,452	49,421	5,993	1,913	160	24,770	8,360	2,140
Public administration and services	3,917	14,974	15,349	308	353	5,675	9,432	210
R.O.T.C. and military technologies	554	2	136	0	2	2	0	0
Social sciences and history	3,694	82,077	9,423	2,509	362	42,814	5,364	1,480
Theological studies/religious vocations	0	0	0	0	574	5,591	4,975	1,395
Transportation and material moving workers	1,217	1,576	79	0	395	1,971	840	0
Visual and performing arts	6,654	28,638	5,718	716	6,939	21,445	4,909	344
Not classified by field of study	3,170	0	943	0	4,436	4,856	3,576	482

<sup>1</sup> Includes "Agricultural business and production," "Agricultural sciences," and "Conservation and renewable natural resources."  
<sup>2</sup> 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, 1996–97 and "Consolidated" survey 1997. (This table was prepared June 1999.)

**Table 261.—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
<b>Total</b> .....	<b>454,291</b>	<b>774,070</b>	<b>227,179</b>	<b>29,516</b>	<b>100,925</b>	<b>390,722</b>	<b>179,122</b>	<b>15,136</b>
Agriculture and natural resources <sup>1</sup> .....	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 <sup>2</sup> .....	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

<sup>1</sup> Includes "Agricultural business and production," "Agricultural sciences," and "Conservation and renewable natural resources."

<sup>2</sup> 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, 1995–96 and "Consolidated" survey 1996. (This table was prepared May 1998.)



**Table 262.—Number of institutions of higher education conferring degrees, by level of degree and discipline division: 1996–97**

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
<b>Total .....</b>	<b>2,470</b>	<b>1,868</b>	<b>1,391</b>	<b>504</b>	<b>1,291</b>	<b>557</b>	<b>499</b>	<b>225</b>	<b>1,179</b>	<b>1,311</b>	<b>892</b>	<b>279</b>
Agricultural business and production ..	324	126	60	33	313	97	56	33	11	29	4	0
Agricultural sciences .....	100	128	78	51	94	114	75	51	6	14	3	0
Architecture and related programs .....	43	170	115	25	36	109	87	18	7	61	28	7
Area, ethnic, and cultural studies .....	36	386	112	38	32	172	68	19	4	214	44	19
Biological sciences/life sciences .....	190	1,245	425	221	176	475	309	149	14	770	116	72
Business management and administrative services .....	1,742	1,408	767	120	1,141	500	359	81	601	908	408	39
Communications .....	249	910	235	48	206	373	164	39	43	537	71	9
Communications technologies .....	163	31	12	2	150	17	3	0	13	14	9	2
Computer and information sciences ...	767	1,059	344	124	535	436	214	87	232	623	130	37
Conservation and renewable natural resources .....	129	311	116	50	118	159	93	45	11	152	23	5
Consumer and personal services .....	252	11	2	0	207	6	0	0	45	5	2	0
Construction trades .....	188	12	0	0	174	5	0	0	14	7	0	0
Education .....	407	1,128	877	223	317	425	425	154	90	703	452	69
Engineering .....	259	403	261	177	238	219	172	130	21	184	89	47
Engineering-related technologies .....	1,022	293	64	2	824	207	53	2	198	86	11	0
English language and literature/letters .....	139	1,249	420	136	124	480	297	92	15	769	123	44
Foreign languages and literatures .....	75	838	195	87	68	381	140	56	7	457	55	31
Health professions and related sciences .....	1,396	970	584	154	1,011	433	311	110	385	537	273	44
Home economics .....	98	316	189	42	84	208	123	33	14	108	66	9
Law and legal studies .....	495	144	68	15	320	49	26	4	175	95	42	11
Liberal arts and sciences, general studies, and humanities .....	1,326	709	161	16	1,019	296	80	7	307	413	81	9
Library science .....	29	12	68	13	28	11	57	12	1	1	11	1
Marketing operations/marketing and distribution .....	451	167	19	1	351	63	4	0	100	104	15	1
Mathematics .....	145	1,137	332	159	133	478	251	108	12	659	81	51
Mechanics and repairers .....	577	8	0	0	529	5	0	0	48	3	0	0
Multi/interdisciplinary studies .....	194	622	205	62	176	265	137	42	18	357	68	20
Parks, recreation, leisure, and fitness studies .....	135	540	133	27	125	247	114	25	10	293	19	2
Philosophy and religion .....	32	835	189	95	24	286	86	50	8	549	103	45
Physical sciences .....	153	1,054	342	201	144	459	248	137	9	595	94	64
Precision production trades .....	681	26	1	0	573	21	0	0	108	5	1	0
Protective services .....	825	466	117	8	747	248	87	8	78	218	30	0
Psychology .....	168	1,251	551	242	143	464	309	130	25	787	242	112
Public administration and services .....	261	641	347	81	224	297	234	51	37	344	113	30
R.O.T.C. and military technologies .....	3	2	1	0	2	1	1	0	1	1	0	0
Science technologies .....	113	17	3	3	104	8	3	3	9	9	0	0
Social sciences and history .....	233	1,298	417	172	198	489	296	116	35	809	121	56
Theological studies/religious vocations .....	89	325	247	106	0	0	0	0	89	325	247	106
Transportation and material moving workers .....	108	75	6	0	94	38	4	0	14	37	2	0
Visual and performing arts .....	596	1,224	376	98	435	448	232	64	161	776	144	34
Vocational home economics .....	532	34	5	0	507	18	4	0	25	16	1	0
Not classified by field of study .....	49	16	23	9	11	0	2	0	38	16	21	9

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, 1996–97 and "Consolidated" survey, 1997. (This table was prepared June 1999.)

**Table 263.—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
<b>Total .....</b>	<b>2,385</b>	<b>1,862</b>	<b>1,369</b>	<b>488</b>	<b>1,268</b>	<b>555</b>	<b>497</b>	<b>221</b>	<b>1,117</b>	<b>1,307</b>	<b>872</b>	<b>267</b>
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 264.—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 1996–97**

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
1996–97	52	3,784	2,387	1,397	118	15,571	9,121	6,450	184	40,079	22,548	17,531

<sup>1</sup> 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 June 1999.)

**Table 265.—First-professional degrees<sup>1</sup> conferred by institutions of higher education, by sex of student, control of institution, and field of study: 1985–86 to 1996–97**

Control of institution and field of study	1985–86	1986–87	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95			1995–96			1996–97		
	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
<b>Total, all institutions</b> .....	<b>73,910</b>	<b>71,617</b>	<b>70,735</b>	<b>70,856</b>	<b>70,988</b>	<b>71,948</b>	<b>74,146</b>	<b>75,387</b>	<b>75,418</b>	<b>75,800</b>	<b>44,853</b>	<b>30,947</b>	<b>76,734</b>	<b>44,748</b>	<b>31,986</b>	<b>78,730</b>	<b>45,564</b>	<b>33,166</b>
Dentistry (D.D.S. or D.M.D.) .....	5,046	4,741	4,477	4,265	4,100	3,699	3,593	3,605	3,787	3,897	2,480	1,417	3,697	2,374	1,323	3,784	2,387	1,397
Medicine (M.D.) .....	15,938	15,428	15,358	15,460	15,075	15,043	15,243	15,531	15,368	15,537	9,507	6,030	15,341	9,061	6,280	15,571	9,121	6,450
Optometry (O.D.) .....	1,029	1,082	1,023	1,093	1,072	1,115	1,232	1,148	1,103	1,185	538	647	1,231	568	663	1,264	591	673
Osteopathic medicine (D.O.) .....	1,547	1,618	1,544	1,635	1,555	1,459	1,326	1,627	1,798	1,854	1,249	605	1,895	1,232	663	2,011	1,297	714
Pharmacy (Pharm.D.) .....	903	861	962	1,074	1,199	1,244	1,339	1,904	1,936	2,264	785	1,479	2,555	873	1,682	2,708	961	1,747
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	590	645	636	675	589	504	476	465	545	370	175	650	453	197	614	423	191
Veterinary medicine (D.V.M.) .....	2,270	2,230	2,235	2,157	2,151	2,032	2,044	2,057	2,089	2,148	762	1,386	2,109	715	1,394	2,188	731	1,457
Chiropractic (D.C. or D.C.M.) .....	3,395	2,493	2,628	2,890	2,581	2,640	2,694	2,799	2,806	2,968	2,094	874	3,379	2,470	909	3,654	2,658	996
Law (LL.B. or J.D.) .....	35,844	36,056	35,397	35,634	36,485	37,945	38,848	40,302	40,044	39,349	22,592	16,757	39,828	22,508	17,320	40,079	22,548	17,531
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.) .....	7,283	6,518	6,466	6,012	5,851	5,695	5,251	5,447	5,967	5,978	4,443	1,535	5,879	4,400	1,479	5,859	4,323	1,536
Other .....	43	0	0	0	244	487	2,072	491	55	75	33	42	170	94	76	998	524	474
<b>Total, public institutions</b> .....	<b>29,568</b>	<b>29,346</b>	<b>29,153</b>	<b>28,993</b>	<b>28,810</b>	<b>29,554</b>	<b>29,366</b>	<b>29,628</b>	<b>29,842</b>	<b>29,871</b>	<b>16,898</b>	<b>12,973</b>	<b>29,882</b>	<b>16,586</b>	<b>13,296</b>	<b>31,243</b>	<b>17,216</b>	<b>14,027</b>
Dentistry (D.D.S. or D.M.D.) .....	2,827	2,655	2,524	2,512	2,353	2,308	2,200	2,167	2,189	2,236	1,477	759	2,198	1,455	743	2,350	1,540	810
Medicine (M.D.) .....	9,991	9,711	9,557	9,491	9,108	9,364	9,259	9,370	9,506	9,599	5,905	3,694	9,370	5,570	3,800	9,773	5,716	4,057
Optometry (O.D.) .....	441	454	429	451	444	477	595	460	471	461	203	258	499	234	265	498	221	277
Osteopathic medicine (D.O.) .....	486	480	434	500	458	493	416	490	531	492	322	170	528	337	191	527	333	194
Pharmacy (Pharm.D.) .....	473	475	615	679	727	808	852	1,171	1,185	1,344	489	855	1,557	553	1,004	1,765	628	1,137
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.) .....	1,931	2,003	2,014	1,943	1,943	1,814	1,831	1,840	1,895	1,927	689	1,238	1,889	650	1,239	1,950	666	1,284
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.) .....	13,419	13,568	13,580	13,417	13,585	14,290	14,097	14,130	14,065	13,812	7,813	5,999	13,841	7,787	6,054	14,380	8,112	6,268
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.) .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other .....	0	0	0	0	192	0	116	0	0	0	0	0	0	0	0	0	0	0
<b>Total, private institutions</b> .....	<b>44,342</b>	<b>42,271</b>	<b>41,582</b>	<b>41,863</b>	<b>42,178</b>	<b>42,394</b>	<b>44,780</b>	<b>45,759</b>	<b>45,576</b>	<b>45,929</b>	<b>27,955</b>	<b>17,974</b>	<b>46,852</b>	<b>28,162</b>	<b>18,690</b>	<b>47,487</b>	<b>28,348</b>	<b>19,139</b>
Dentistry (D.D.S. or D.M.D.) .....	2,219	2,086	1,953	1,753	1,747	1,391	1,393	1,438	1,598	1,661	1,003	658	1,499	919	580	1,434	847	587
Medicine (M.D.) .....	5,947	5,717	5,801	5,969	5,967	5,679	5,984	6,161	5,862	5,938	3,602	2,336	5,971	3,491	2,480	5,798	3,405	2,393
Optometry (O.D.) .....	588	628	594	642	628	638	637	688	632	724	335	389	732	334	398	766	370	396
Osteopathic medicine (D.O.) .....	1,061	1,138	1,110	1,135	1,097	966	910	1,137	1,267	1,362	927	435	1,367	895	472	1,484	964	520
Pharmacy (Pharm.D.) .....	430	386	347	395	472	436	487	733	751	920	296	624	998	320	678	943	333	610
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.) .....	612	590	645	636	675	589	504	476	465	545	370	175	650	453	197	614	423	191
Veterinary medicine (D.V.M.) .....	339	227	221	214	208	218	213	217	194	221	73	148	220	65	155	238	65	173
Chiropractic (D.C. or D.C.M.) .....	3,395	2,493	2,628	2,890	2,581	2,640	2,694	2,799	2,806	2,968	2,094	874	3,379	2,470	909	3,654	2,658	996
Law (LL.B. or J.D.) .....	22,425	22,488	21,817	22,217	22,900	23,655	24,751	26,172	25,979	25,537	14,779	10,758	25,987	14,721	11,266	25,699	14,436	11,263
Theology (M. Div., M.H.L., B.D., or Ord. and M.H.L./Rav.) .....	7,283	6,518	6,466	6,012	5,851	5,695	5,251	5,447	5,967	5,978	4,443	1,535	5,879	4,400	1,479	5,859	4,323	1,536
Other .....	43	0	0	0	52	487	1,956	491	55	75	33	42	170	94	76	998	524	474

<sup>1</sup>Includes 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 June 1999.)

**Table 266.—Associate degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1996–97**

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total							Total						
1976–77 <sup>1</sup>	404,956	342,290	33,159	16,636	7,044	2,498	3,329	100.0	85.2	8.3	4.1	1.8	0.6
1978–79 <sup>2</sup>	396,745	331,092	34,979	16,269	7,518	2,336	4,551	100.0	84.4	8.9	4.1	1.9	0.6
1980–81 <sup>3</sup>	410,174	339,167	35,330	17,800	8,650	2,584	6,643	100.0	84.0	8.8	4.4	2.1	0.6
1984–85 <sup>4</sup>	429,815	355,343	35,791	19,407	9,914	2,953	6,407	100.0	83.9	8.5	4.6	2.3	0.7
1986–87	436,304	361,861	35,447	19,334	11,779	3,195	4,688	100.0	83.8	8.2	4.5	2.7	0.7
1988–89 <sup>5,6</sup>	432,144	354,865	34,664	20,384	12,519	3,331	6,381	100.0	83.3	8.1	4.8	2.9	0.8
1989–90 <sup>5,7</sup>	450,263	369,580	35,327	22,195	13,482	3,530	6,149	100.0	83.2	8.0	5.0	3.0	0.8
1990–91 <sup>5,8</sup>	462,030	376,081	37,657	24,251	13,725	3,672	6,644	100.0	82.6	8.3	5.3	3.0	0.8
1991–92 <sup>5,9</sup>	494,387	400,530	39,411	26,905	15,596	4,008	7,937	100.0	82.3	8.1	5.5	3.2	0.8
1992–93 <sup>5,10</sup>	508,154	405,883	42,340	29,991	16,632	4,379	8,929	100.0	81.3	8.5	6.0	3.3	0.9
1993–94 <sup>5,11</sup>	529,106	418,301	45,461	32,074	18,433	4,871	9,966	100.0	80.6	8.8	6.2	3.6	0.9
1994–95 <sup>5,12</sup>	538,545	419,323	47,142	36,013	20,717	5,492	9,858	100.0	79.3	8.9	6.8	3.9	1.0
1995–96 <sup>5,13</sup>	553,625	425,028	51,672	38,163	23,091	5,556	10,115	100.0	78.2	9.5	7.0	4.2	1.0
1996–97 <sup>5,14</sup>	563,620	424,364	55,260	42,645	24,829	5,927	10,595	100.0	76.7	10.0	7.7	4.5	1.1
Men							Men						
1976–77 <sup>1</sup>	209,672	178,236	15,330	9,105	3,630	1,216	2,155	100.0	85.9	7.4	4.4	1.7	0.6
1978–79 <sup>2</sup>	187,284	156,671	14,425	8,135	4,058	1,069	2,926	100.0	85.0	7.8	4.4	2.2	0.6
1980–81 <sup>3</sup>	183,819	151,242	14,290	8,327	4,557	1,108	4,295	100.0	84.2	8.0	4.6	2.5	0.6
1984–85 <sup>4</sup>	190,409	157,278	14,184	8,561	5,492	1,198	3,696	100.0	84.2	7.6	4.6	2.9	0.6
1986–87	190,839	158,132	13,959	8,760	6,169	1,263	2,556	100.0	84.0	7.4	4.7	3.3	0.7
1988–89 <sup>5,6</sup>	183,963	150,978	12,884	9,217	6,366	1,323	3,195	100.0	83.5	7.1	5.1	3.5	0.7
1989–90 <sup>5,7</sup>	188,631	154,748	13,147	9,859	6,477	1,433	2,967	100.0	83.3	7.1	5.3	3.5	0.8
1990–91 <sup>5,8</sup>	190,221	155,330	13,718	10,210	6,440	1,373	3,150	100.0	83.0	7.3	5.5	3.4	0.7
1991–92 <sup>5,9</sup>	202,808	164,799	14,294	11,536	7,254	1,531	3,394	100.0	82.6	7.2	5.8	3.6	0.8
1992–93 <sup>5,10</sup>	209,051	167,312	15,497	12,924	7,877	1,663	3,778	100.0	81.5	7.5	6.3	3.8	0.8
1993–94 <sup>5,11</sup>	214,462	170,137	16,917	13,204	8,288	1,836	4,080	100.0	80.9	8.0	6.3	3.9	0.9
1994–95 <sup>5,12</sup>	217,730	169,475	16,786	15,717	9,283	2,106	4,363	100.0	79.4	7.9	7.4	4.4	1.0
1995–96 <sup>5,13</sup>	218,977	168,858	17,854	15,700	10,204	1,989	4,372	100.0	78.7	8.3	7.3	4.8	0.9
1996–97 <sup>5,14</sup>	220,722	166,732	18,994	17,583	10,770	2,047	4,596	100.0	77.1	8.8	8.1	5.0	0.9
Women							Women						
1976–77 <sup>1</sup>	195,284	164,054	17,829	7,531	3,414	1,282	1,174	100.0	84.5	9.2	3.9	1.8	0.7
1978–79 <sup>2</sup>	209,461	174,421	20,554	8,134	3,460	1,267	1,625	100.0	83.9	9.9	3.9	1.7	0.6
1980–81 <sup>3</sup>	226,355	187,925	21,040	9,473	4,093	1,476	2,348	100.0	83.9	9.4	4.2	1.8	0.7
1984–85 <sup>4</sup>	239,406	198,065	21,607	10,846	4,422	1,755	2,711	100.0	83.7	9.1	4.6	1.9	0.7
1986–87	245,465	203,729	21,488	10,574	5,610	1,932	2,132	100.0	83.7	8.8	4.3	2.3	0.8
1988–89 <sup>5,6</sup>	248,181	203,887	21,780	11,167	6,153	2,008	3,186	100.0	83.2	8.9	4.6	2.5	0.8
1989–90 <sup>5,7</sup>	261,632	214,832	22,180	12,336	7,005	2,097	3,182	100.0	83.1	8.6	4.8	2.7	0.8
1990–91 <sup>5,8</sup>	271,809	220,751	23,939	14,041	7,285	2,299	3,494	100.0	82.3	8.9	5.2	2.7	0.9
1991–92 <sup>5,9</sup>	291,579	235,731	25,117	15,369	8,342	2,477	4,543	100.0	82.1	8.8	5.4	2.9	0.9
1992–93 <sup>5,10</sup>	299,103	238,571	26,843	17,067	8,755	2,716	5,151	100.0	81.2	9.1	5.8	3.0	0.9
1993–94 <sup>5,11</sup>	314,644	248,164	28,544	18,870	10,145	3,035	5,886	100.0	80.4	9.2	6.1	3.3	1.0
1994–95 <sup>5,12</sup>	320,815	249,848	30,356	20,296	11,434	3,386	5,495	100.0	79.2	9.6	6.4	3.6	1.1
1995–96 <sup>5,13</sup>	334,648	256,170	33,818	22,463	12,887	3,567	5,743	100.0	77.9	10.3	6.8	3.9	1.1
1996–97 <sup>5,14</sup>	342,898	257,632	36,266	25,062	14,059	3,880	5,999	100.0	76.5	10.8	7.4	4.2	1.2

<sup>1</sup> Excludes 1,170 men and 251 women whose racial/ethnic group was not available.  
<sup>2</sup> Excludes 4,807 men and 1,150 women whose racial/ethnic group was not available.  
<sup>3</sup> Excludes 4,819 men and 1,384 women whose racial/ethnic group was not available.  
<sup>4</sup> 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.  
<sup>5</sup> 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.  
<sup>6</sup> Excludes 2,353 men and 2,267 women whose racial/ethnic group and field of study were not available.  
<sup>7</sup> Excludes 2,564 men and 2,275 women whose racial/ethnic group and field of study were not available.  
<sup>8</sup> Excludes 8,413 men and 11,277 women whose racial/ethnic group and field of study were not available.  
<sup>9</sup> Excludes 4,673 men and 5,171 women whose racial/ethnic group and field of study were not available.  
<sup>10</sup> Excludes 2,913 men and 3,689 women whose racial/ethnic group and field of study were not available.

<sup>11</sup> Excludes 799 men and 727 women whose racial/ethnic group and field of study were not available.  
<sup>12</sup> Excludes 622 men and 524 women whose racial/ethnic group and field of study were not available.  
<sup>13</sup> Excludes 537 men and 1,054 women whose racial/ethnic group and field of study were not available.  
<sup>14</sup> Excludes 3,226 men and 4,380 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1996–97, 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 August 1999.)

Table 267.—Associate degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1996–97

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
<b>All fields, total<sup>1</sup></b>	<b>563,620</b>	<b>424,364</b>	<b>55,260</b>	<b>42,645</b>	<b>24,829</b>	<b>5,927</b>	<b>10,595</b>	<b>220,722</b>	<b>166,732</b>	<b>18,994</b>	<b>17,583</b>	<b>10,770</b>	<b>2,047</b>	<b>4,596</b>	<b>342,898</b>	<b>257,632</b>	<b>36,266</b>	<b>25,062</b>	<b>14,059</b>	<b>3,880</b>	<b>5,999</b>
Agriculture and natural resources	6,463	6,118	49	93	32	84	87	4,329	4,147	31	52	16	40	43	2,134	1,971	18	41	16	44	44
Architecture and related programs	316	256	10	33	9	0	8	56	37	4	11	1	0	3	260	219	6	22	8	0	5
Area, ethnic, and cultural studies	84	16	19	11	0	33	5	32	3	8	5	0	16	0	52	13	11	6	0	17	5
Biological sciences/life sciences	2,116	1,354	145	224	267	48	78	769	489	62	87	81	18	32	1,347	865	83	137	186	30	46
Business	109,399	79,133	13,480	7,954	4,937	1,039	2,856	32,751	24,131	3,501	2,245	1,517	239	1,118	76,648	55,002	9,979	5,709	3,420	800	1,738
Communications	2,030	1,578	183	118	86	18	47	985	764	97	70	35	5	14	1,045	814	86	48	51	13	33
Communications technologies	1,743	1,322	179	118	45	9	70	1,091	870	90	65	27	7	32	652	452	89	53	18	2	38
Computer and information sciences	10,990	7,558	1,405	900	710	145	272	5,860	4,216	554	480	418	51	141	5,130	3,342	851	420	292	94	131
Construction trades	1,928	1,594	97	86	96	37	18	1,829	1,522	87	82	91	32	15	99	72	10	4	5	5	3
Education	10,526	7,693	1,184	1,055	234	262	98	3,356	2,592	372	219	87	51	35	7,170	5,101	812	836	147	211	63
Engineering	1,952	1,467	144	101	147	26	67	1,681	1,266	118	91	128	23	55	271	201	26	10	19	3	12
Engineering-related technologies	33,810	25,525	3,262	2,723	1,657	264	379	29,452	22,306	2,688	2,411	1,505	226	316	4,358	3,219	574	312	152	38	63
English language and literature/letters	1,455	834	87	178	110	12	234	528	281	42	61	44	5	95	927	553	45	117	66	7	139
Foreign languages and literatures	689	480	17	117	25	3	47	231	156	10	39	9	2	15	458	324	7	78	16	1	32
Health professions and related sciences	98,921	81,271	8,337	4,606	3,100	909	698	15,970	12,433	1,321	1,078	819	164	155	82,951	68,838	7,016	3,528	2,281	745	543
Home economics and vocational home economics	8,551	5,798	1,246	841	405	78	183	715	472	89	45	85	3	21	7,836	5,326	1,157	796	320	75	162
Law and legal studies	8,968	6,950	1,113	604	184	86	31	1,105	781	195	85	24	13	7	7,863	6,169	918	519	160	73	24
Liberal arts and sciences, general studies, and humanities	181,341	134,223	16,626	15,559	9,087	1,904	3,942	69,572	51,798	5,759	5,896	3,649	653	1,817	111,769	82,425	10,867	9,663	5,438	1,251	2,125
Library science	126	103	6	5	7	4	1	17	10	2	0	4	1	0	109	93	4	5	3	3	1
Mathematics	792	507	38	113	88	2	44	443	273	27	62	55	1	25	349	234	11	51	33	1	19
Mechanics and repairers	12,180	9,379	940	845	708	132	176	11,388	8,812	854	785	654	122	161	792	567	86	60	54	10	15
Multi/interdisciplinary studies	9,182	6,982	983	601	463	57	96	4,398	3,313	477	332	219	24	33	4,784	3,669	506	269	244	33	63
Parks, recreation, leisure and fitness studies	913	717	92	51	30	10	13	554	406	74	36	24	7	7	359	311	18	15	6	3	6
Philosophy and religion	89	68	5	6	7	1	2	51	37	4	4	5	0	1	38	31	1	2	2	1	1
Physical sciences and science technologies	2,526	1,798	195	155	252	25	101	1,281	953	78	87	107	6	50	1,245	845	117	68	145	19	51
Precision production trades	10,368	8,202	530	883	527	93	133	8,033	6,355	401	717	394	72	94	2,335	1,847	129	166	133	21	39
Protective services	19,889	15,100	2,014	2,142	351	215	67	13,588	10,674	949	1,523	275	121	46	6,301	4,426	1,065	619	76	94	21
Psychology	1,612	1,124	130	215	65	39	39	377	248	37	48	28	7	9	1,235	876	93	167	37	32	30
Public administration and services	4,270	2,561	1,025	447	86	120	31	667	377	165	74	23	23	5	3,603	2,184	860	373	63	97	26
R.O.T.C. and military technologies	556	447	83	2	24	0	0	521	422	75	2	22	0	0	35	25	8	0	2	0	0
Social sciences and history	4,056	2,475	523	555	254	110	139	1,550	960	187	212	99	32	60	2,506	1,515	336	343	155	78	79
Theological studies and religious vocations	574	471	56	12	10	4	21	321	261	33	5	7	2	13	253	210	23	7	3	2	8
Transportation and material moving workers	1,612	1,279	141	84	51	11	46	1,349	1,091	111	73	36	9	29	263	188	30	11	15	2	17
Visual and performing arts	13,593	9,981	916	1,208	775	147	566	5,872	4,276	492	601	282	72	149	7,721	5,705	424	607	493	75	417

<sup>1</sup> 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 3,226 men and 4,380 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 August 1999.)

**Table 268.—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
<b>All fields, total<sup>1</sup></b>	<b>553,625</b>	<b>425,028</b>	<b>51,672</b>	<b>38,163</b>	<b>23,091</b>	<b>5,556</b>	<b>10,115</b>	<b>218,977</b>	<b>168,858</b>	<b>17,854</b>	<b>15,700</b>	<b>10,204</b>	<b>1,989</b>	<b>4,372</b>	<b>334,648</b>	<b>256,170</b>	<b>33,818</b>	<b>22,463</b>	<b>12,887</b>	<b>3,567</b>	<b>5,743</b>
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

<sup>1</sup> 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 269.—Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1996–97**

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total							Total						
1976–77 <sup>1</sup>	917,900	807,688	58,636	18,743	13,793	3,326	15,714	100.0	89.5	6.5	2.1	1.5	0.4
1978–79 <sup>2</sup>	919,540	802,542	60,246	20,096	15,407	3,410	17,839	100.0	89.0	6.7	2.2	1.7	0.4
1980–81 <sup>3</sup>	934,800	807,319	60,673	21,832	18,794	3,593	22,589	100.0	88.5	6.7	2.4	2.1	0.4
1984–85 <sup>4</sup>	968,311	826,106	57,473	25,874	25,395	4,246	29,217	100.0	88.0	6.1	2.8	2.7	0.5
1986–87 <sup>5</sup>	991,264	841,818	56,560	26,988	32,624	3,968	29,306	100.0	87.5	5.9	2.8	3.4	0.4
1988–89 <sup>5,6</sup>	1,016,350	859,703	58,078	29,918	37,674	3,951	27,026	100.0	86.9	5.9	3.0	3.8	0.4
1989–90 <sup>5,7</sup>	1,048,631	884,376	61,063	32,844	39,248	4,392	26,708	100.0	86.5	6.0	3.2	3.8	0.4
1990–91 <sup>5,8</sup>	1,081,280	904,062	65,341	36,612	41,618	4,513	29,134	100.0	85.9	6.2	3.5	4.0	0.4
1991–92 <sup>5,9</sup>	1,129,833	936,771	72,326	40,761	46,720	5,176	28,079	100.0	85.0	6.6	3.7	4.2	0.5
1992–93 <sup>5,10</sup>	1,159,931	947,309	77,872	45,376	51,463	5,671	32,240	100.0	84.0	6.9	4.0	4.6	0.5
1993–94 <sup>5,11</sup>	1,165,973	936,227	83,576	50,241	55,660	6,189	34,080	100.0	82.7	7.4	4.4	4.9	0.5
1994–95 <sup>5,12</sup>	1,158,788	913,377	87,203	54,201	60,478	6,606	36,923	100.0	81.4	7.8	4.8	5.4	0.6
1995–96 <sup>5,13</sup>	1,163,036	904,709	91,166	58,288	64,359	6,970	37,544	100.0	80.4	8.1	5.2	5.7	0.6
1996–97 <sup>5,14</sup>	1,168,023	898,224	94,053	61,941	67,969	7,409	38,427	100.0	79.5	8.3	5.5	6.0	0.7
Men							Men						
1976–77 <sup>1</sup>	494,424	438,161	25,147	10,318	7,638	1,804	11,356	100.0	90.7	5.2	2.1	1.6	0.4
1978–79 <sup>2</sup>	476,065	418,215	24,659	10,418	8,261	1,736	12,776	100.0	90.3	5.3	2.2	1.8	0.4
1980–81 <sup>3</sup>	469,625	406,173	24,511	10,810	10,107	1,700	16,324	100.0	89.6	5.4	2.4	2.2	0.4
1984–85 <sup>4</sup>	476,148	405,085	23,018	12,402	13,554	1,998	20,091	100.0	88.8	5.0	2.7	3.0	0.4
1986–87 <sup>5</sup>	480,782	406,749	22,501	12,865	17,253	1,817	19,597	100.0	88.2	4.9	2.8	3.7	0.4
1988–89 <sup>5,6</sup>	481,946	407,154	22,370	13,950	19,260	1,730	17,482	100.0	87.7	4.8	3.0	4.1	0.4
1989–90 <sup>5,7</sup>	490,317	413,573	23,262	14,941	19,721	1,859	16,961	100.0	87.4	4.9	3.2	4.2	0.4
1990–91 <sup>5,8</sup>	496,424	415,505	24,328	16,158	20,678	1,901	17,854	100.0	86.8	5.1	3.4	4.3	0.4
1991–92 <sup>5,9</sup>	516,976	429,842	26,956	17,976	23,248	2,182	16,772	100.0	85.9	5.4	3.6	4.6	0.4
1992–93 <sup>5,10</sup>	530,541	435,084	28,883	19,865	25,293	2,449	18,967	100.0	85.0	5.6	3.9	4.9	0.5
1993–94 <sup>5,11</sup>	530,804	429,121	30,648	21,807	26,938	2,616	19,674	100.0	84.0	6.0	4.3	5.3	0.5
1994–95 <sup>5,12</sup>	525,174	417,006	31,775	23,600	28,973	2,736	21,084	100.0	82.7	6.3	4.7	5.7	0.5
1995–96 <sup>5,13</sup>	521,439	408,829	32,852	24,994	30,630	2,885	21,249	100.0	81.7	6.6	5.0	6.1	0.6
1996–97 <sup>5,14</sup>	517,901	401,878	33,509	26,007	32,111	2,988	21,408	100.0	80.9	6.7	5.2	6.5	0.6
Women							Women						
1976–77 <sup>1</sup>	423,476	369,527	33,489	8,425	6,155	1,522	4,358	100.0	88.2	8.0	2.0	1.5	0.4
1978–79 <sup>2</sup>	443,475	384,327	35,587	9,678	7,146	1,674	5,063	100.0	87.7	8.1	2.2	1.6	0.4
1980–81 <sup>3</sup>	465,175	401,146	36,162	11,022	8,687	1,893	6,265	100.0	87.4	7.9	2.4	1.9	0.4
1984–85 <sup>4</sup>	492,163	421,021	34,455	13,472	11,841	2,248	9,126	100.0	87.2	7.1	2.8	2.5	0.5
1986–87 <sup>5</sup>	510,482	435,069	34,059	14,123	15,371	2,151	9,709	100.0	86.9	6.8	2.8	3.1	0.4
1988–89 <sup>5,6</sup>	534,404	452,549	35,708	15,968	18,414	2,221	9,544	100.0	86.2	6.8	3.0	3.5	0.4
1989–90 <sup>5,7</sup>	558,314	470,803	37,801	17,903	19,527	2,533	9,747	100.0	85.8	6.9	3.3	3.6	0.5
1990–91 <sup>5,8</sup>	584,856	488,557	41,013	20,454	20,940	2,612	11,280	100.0	85.2	7.2	3.6	3.7	0.5
1991–92 <sup>5,9</sup>	612,857	506,929	45,370	22,785	23,472	2,994	11,307	100.0	84.3	7.5	3.8	3.9	0.5
1992–93 <sup>5,10</sup>	629,390	512,225	48,989	25,511	26,170	3,222	13,273	100.0	83.1	8.0	4.1	4.2	0.5
1993–94 <sup>5,11</sup>	635,169	507,106	52,928	28,434	28,722	3,573	14,406	100.0	81.7	8.5	4.6	4.6	0.6
1994–95 <sup>5,12</sup>	633,614	496,371	55,428	30,601	31,505	3,870	15,839	100.0	80.3	9.0	5.0	5.1	0.6
1995–96 <sup>5,13</sup>	641,597	495,880	58,314	33,294	33,729	4,085	16,295	100.0	79.3	9.3	5.3	5.4	0.7
1996–97 <sup>5,14</sup>	650,122	496,346	60,544	35,934	35,858	4,421	17,019	100.0	78.4	9.6	5.7	5.7	0.7

<sup>1</sup> Excludes 1,121 men and 528 women whose racial/ethnic group was not available.  
<sup>2</sup> Excludes 1,279 men and 571 women whose racial/ethnic group was not available.  
<sup>3</sup> Excludes 258 men and 82 women whose racial/ethnic group was not available.  
<sup>4</sup> Excludes 6,380 men and 4,786 women whose racial/ethnic group was not available.  
<sup>5</sup> 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.  
<sup>6</sup> Excludes 1,400 men and 1,005 women whose racial/ethnic group and field of study were not available.  
<sup>7</sup> Excludes 1,379 men and 1,334 women whose racial/ethnic group and field of study were not available.  
<sup>8</sup> Excludes 7,621 men and 5,637 women whose racial/ethnic group and field of study were not available.  
<sup>9</sup> Excludes 3,835 men and 2,885 women whose racial/ethnic group and field of study were not available.  
<sup>10</sup> Excludes 2,340 men and 2,907 women whose racial/ethnic group and field of study were not available.

<sup>11</sup> Excludes 1,618 men and 1,684 women whose racial/ethnic group and field of study were not available.  
<sup>12</sup> Excludes 957 men and 389 women whose racial/ethnic group and field of study were not available.  
<sup>13</sup> Excludes 1,015 men and 741 women whose racial/ethnic group and field of study were not available.  
<sup>14</sup> Excludes 2,614 men and 2,242 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1996–97, 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 August 1999.)



**Table 270.—Bachelor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1996–97**

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
<b>All fields, total<sup>1</sup></b>	<b>1,168,023</b>	<b>898,224</b>	<b>94,053</b>	<b>61,941</b>	<b>67,969</b>	<b>7,409</b>	<b>38,427</b>	<b>517,901</b>	<b>401,878</b>	<b>33,509</b>	<b>26,007</b>	<b>32,111</b>	<b>2,988</b>	<b>21,408</b>	<b>650,122</b>	<b>496,346</b>	<b>60,544</b>	<b>35,934</b>	<b>35,858</b>	<b>4,421</b>	<b>17,019</b>
Agriculture and natural resources	22,602	20,313	600	616	548	181	344	13,794	12,575	308	341	251	94	225	8,808	7,738	292	275	297	87	119
Architecture and related programs	7,944	5,850	301	579	663	40	511	5,090	3,778	203	382	393	27	307	2,854	2,072	98	197	270	13	204
Area, ethnic, and cultural studies	5,839	3,617	710	616	636	72	188	1,995	1,240	240	224	204	27	60	3,844	2,377	470	392	432	45	128
Biological sciences/life sciences	63,975	46,398	4,209	2,839	8,729	346	1,454	29,470	21,913	1,334	1,299	4,101	159	664	34,505	24,485	2,875	1,540	4,628	187	790
Business	226,633	166,729	19,999	11,787	13,952	1,122	13,044	116,519	88,722	7,725	5,621	6,442	527	7,482	110,114	78,007	12,274	6,166	7,510	595	5,562
Communications	47,230	37,678	4,192	2,208	1,537	243	1,372	19,412	15,937	1,498	825	553	75	524	27,818	21,741	2,694	1,383	984	168	848
Communications technologies	538	426	79	8	8	4	13	276	227	28	7	5	1	8	262	199	51	1	3	3	5
Computer and information sciences	24,768	16,232	2,463	1,106	2,870	101	1,996	18,037	12,534	1,259	745	1,999	72	1,428	6,731	3,698	1,204	361	871	29	568
Construction trades	108	91	8	3	0	2	4	93	81	5	1	0	2	4	15	10	3	2	0	0	0
Education	105,233	90,004	7,540	4,155	1,637	932	965	26,271	22,353	1,952	995	476	226	269	78,962	67,651	5,588	3,160	1,161	706	696
Engineering	61,185	42,642	3,149	3,072	7,257	268	4,797	50,058	35,450	2,070	2,465	5,752	200	4,121	11,127	7,192	1,079	607	1,505	68	676
Engineering-related technologies	13,816	10,826	1,383	488	478	97	544	12,452	9,897	1,101	441	428	83	502	1,364	929	282	47	50	14	42
English language and literature/letters	49,345	40,962	3,438	2,197	1,926	303	519	16,531	14,038	885	746	585	114	163	32,814	26,924	2,553	1,451	1,341	189	356
Foreign languages and literatures	13,674	9,878	479	2,138	643	62	474	4,138	3,078	127	617	192	16	108	9,536	6,800	352	1,521	451	46	366
Health professions and related sciences	85,631	69,702	6,599	3,152	4,523	553	1,102	15,877	12,678	962	692	1,139	116	290	69,754	57,024	5,637	2,460	3,384	437	812
Home economics and vocational home economics	16,571	13,813	1,203	589	605	86	275	1,914	1,519	175	83	69	13	55	14,657	12,294	1,028	506	536	73	220
Law and legal studies	2,038	1,572	234	120	85	18	9	603	453	61	49	33	5	2	1,435	1,119	173	71	52	13	7
Liberal arts and sciences, general studies, and humanities	34,776	26,126	3,607	2,855	1,233	344	611	13,483	10,549	1,181	889	436	152	276	21,293	15,577	2,426	1,966	797	192	335
Library science	48	42	5	0	0	0	1	6	6	0	0	0	0	0	42	36	5	0	0	0	1
Mathematics	12,820	9,693	1,089	570	887	58	523	6,908	5,208	520	332	501	29	318	5,912	4,485	569	238	386	29	205
Mechanics and repairers	48	40	4	0	0	2	2	45	39	3	0	0	1	2	3	1	1	0	0	1	0
Multi/interdisciplinary studies	26,137	19,347	2,074	2,441	1,722	175	378	8,901	6,689	622	616	718	61	195	17,236	12,658	1,452	1,825	1,004	114	183
Parks, recreation, leisure and fitness studies	15,401	13,187	932	673	280	101	228	7,858	6,551	544	419	151	55	138	7,543	6,636	388	254	129	46	90
Philosophy and religion	7,685	6,425	331	323	439	37	130	4,882	4,132	192	202	255	21	80	2,803	2,293	139	121	184	16	50
Physical sciences and science technologies	19,531	15,368	1,140	566	1,685	103	669	12,228	10,003	479	345	913	59	429	7,303	5,365	661	221	772	44	240
Precision production trades	326	278	28	3	8	2	7	257	223	17	2	8	1	6	69	55	11	1	0	1	1
Protective services	25,165	18,334	3,873	2,053	553	225	127	15,150	11,711	1,715	1,171	366	104	83	10,015	6,623	2,158	882	187	121	44
Psychology	74,191	56,737	6,811	4,934	4,162	508	1,039	19,379	14,904	1,633	1,228	1,237	127	250	54,812	41,833	5,178	3,706	2,925	381	789
Public administration and services	20,649	14,623	3,640	1,425	566	226	169	4,177	2,813	786	319	174	45	40	16,472	11,810	2,854	1,106	392	181	129
R.O.T.C. and military sciences	4	3	0	0	1	0	0	4	3	0	0	1	0	0	0	0	0	0	0	0	0
Social sciences and history	124,891	93,662	11,298	7,836	7,379	877	3,839	64,115	49,868	4,564	3,665	3,519	400	2,099	60,776	43,794	6,734	4,171	3,860	477	1,740
Theological studies and religious vocations	5,591	4,895	227	135	144	23	167	4,119	3,656	149	92	98	21	103	1,472	1,239	78	43	46	2	64
Transportation and material moving workers	3,547	3,020	165	138	68	23	133	3,130	2,667	143	123	61	18	118	417	353	22	15	7	5	15
Visual and performing arts	50,083	39,711	2,243	2,316	2,745	275	2,793	20,729	16,383	1,028	1,071	1,051	137	1,059	29,354	23,328	1,215	1,245	1,694	138	1,734

<sup>1</sup> 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 2,614 men and 2,242 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 August 1999.)

Table 271.—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
<b>All fields, total<sup>1</sup></b>	<b>1,163,036</b>	<b>904,709</b>	<b>91,166</b>	<b>58,288</b>	<b>64,359</b>	<b>6,970</b>	<b>37,544</b>	<b>521,439</b>	<b>408,829</b>	<b>32,852</b>	<b>24,994</b>	<b>30,630</b>	<b>2,885</b>	<b>21,249</b>	<b>641,597</b>	<b>495,880</b>	<b>58,314</b>	<b>33,294</b>	<b>33,729</b>	<b>4,085</b>	<b>16,295</b>
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

<sup>1</sup> 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 272.—Master’s degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1996–97**

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Total							Total						
1976–77 <sup>1</sup>	316,602	266,061	21,037	6,071	5,122	967	17,344	100.0	88.9	7.0	2.0	1.7	0.3
1978–79 <sup>2</sup>	300,255	249,360	19,418	5,555	5,496	999	19,427	100.0	88.8	6.9	2.0	2.0	0.4
1980–81 <sup>3</sup>	294,183	241,216	17,133	6,461	6,282	1,034	22,057	100.0	88.6	6.3	2.4	2.3	0.4
1984–85 <sup>4</sup>	280,421	223,628	13,939	6,864	7,782	1,256	26,952	100.0	88.2	5.5	2.7	3.1	0.5
1986–87 <sup>5</sup>	289,349	228,874	13,873	7,044	8,559	1,103	29,896	100.0	88.2	5.3	2.7	3.3	0.4
1988–89 <sup>5,6</sup>	309,770	242,764	14,095	7,277	10,335	1,086	34,213	100.0	88.1	5.1	2.6	3.8	0.4
1989–90 <sup>5,7</sup>	322,465	251,690	15,446	7,950	10,577	1,101	35,701	100.0	87.8	5.4	2.8	3.7	0.4
1990–91 <sup>5,8</sup>	328,645	255,281	16,139	8,386	11,180	1,136	36,523	100.0	87.4	5.5	2.9	3.8	0.4
1991–92 <sup>5,9</sup>	348,682	268,371	18,116	9,358	12,658	1,273	38,906	100.0	86.6	5.8	3.0	4.1	0.4
1992–93 <sup>5,10</sup>	368,701	278,829	19,780	10,665	13,866	1,407	44,154	100.0	85.9	6.1	3.3	4.3	0.4
1993–94 <sup>5,11</sup>	385,419	288,288	21,937	11,913	15,267	1,697	46,317	100.0	85.0	6.5	3.5	4.5	0.5
1994–95 <sup>5,12</sup>	397,052	292,784	24,171	12,907	16,842	1,621	48,727	100.0	84.1	6.9	3.7	4.8	0.5
1995–96 <sup>5,13</sup>	405,521	297,558	25,801	14,412	18,161	1,778	47,811	100.0	83.2	7.2	4.0	5.1	0.5
1996–97 <sup>5,14</sup>	414,882	302,541	28,224	15,187	18,477	1,924	48,529	100.0	82.6	7.7	4.1	5.0	0.5
Men							Men						
1976–77 <sup>1</sup>	167,396	139,210	7,781	3,268	3,123	521	13,493	100.0	90.5	5.1	2.1	2.0	0.3
1978–79 <sup>2</sup>	152,637	124,058	7,070	2,786	3,325	495	14,903	100.0	90.1	5.1	2.0	2.4	0.4
1980–81 <sup>3</sup>	145,666	115,562	6,158	3,085	3,773	503	16,587	100.0	89.5	4.8	2.4	2.9	0.4
1984–85 <sup>4</sup>	139,417	106,059	5,200	3,059	4,842	581	19,674	100.0	88.6	4.3	2.6	4.0	0.5
1986–87 <sup>5</sup>	141,269	105,572	5,153	3,331	5,239	518	21,456	100.0	88.1	4.3	2.8	4.4	0.4
1988–89 <sup>5,6</sup>	148,872	109,715	5,175	3,325	6,048	476	24,133	100.0	88.0	4.1	2.7	4.8	0.4
1989–90 <sup>5,7</sup>	152,926	112,877	5,539	3,586	6,002	463	24,459	100.0	87.9	4.3	2.8	4.7	0.4
1990–91 <sup>5,8</sup>	151,796	111,224	5,709	3,670	6,319	459	24,415	100.0	87.3	4.5	2.9	5.0	0.4
1991–92 <sup>5,9</sup>	159,543	116,096	6,054	4,132	7,062	523	25,676	100.0	86.7	4.5	3.1	5.3	0.4
1992–93 <sup>5,10</sup>	168,754	120,225	6,821	4,735	7,544	586	28,843	100.0	85.9	4.9	3.4	5.4	0.4
1993–94 <sup>5,11</sup>	175,355	123,854	7,413	5,113	8,225	691	30,059	100.0	85.2	5.1	3.5	5.7	0.5
1994–95 <sup>5,12</sup>	178,123	123,809	8,103	5,490	8,920	659	31,142	100.0	84.2	5.5	3.7	6.1	0.4
1995–96 <sup>5,13</sup>	178,661	124,514	8,442	5,833	9,373	704	29,795	100.0	83.6	5.7	3.9	6.3	0.5
1996–97 <sup>5,14</sup>	178,165	124,060	8,871	6,115	8,879	729	29,511	100.0	83.5	6.0	4.1	6.0	0.5
Women							Women						
1976–77 <sup>1</sup>	149,206	126,851	13,256	2,803	1,999	446	3,851	100.0	87.3	9.1	1.9	1.4	0.3
1978–79 <sup>2</sup>	147,618	125,302	12,348	2,769	2,171	504	4,524	100.0	87.6	8.6	1.9	1.5	0.4
1980–81 <sup>3</sup>	148,517	125,654	10,975	3,376	2,509	533	5,470	100.0	87.8	7.7	2.4	1.8	0.4
1984–85 <sup>4</sup>	141,004	117,569	8,739	3,805	2,940	673	7,278	100.0	87.9	6.5	2.8	2.2	0.5
1986–87 <sup>5</sup>	148,080	123,302	8,720	3,713	3,320	585	8,440	100.0	88.3	6.2	2.7	2.4	0.4
1988–89 <sup>5,6</sup>	160,898	133,049	8,920	3,952	4,287	610	10,080	100.0	88.2	5.9	2.6	2.8	0.4
1989–90 <sup>5,7</sup>	169,539	138,813	9,907	4,364	4,575	638	11,242	100.0	87.7	6.3	2.8	2.9	0.4
1990–91 <sup>5,8</sup>	176,849	144,057	10,430	4,716	4,861	677	12,108	100.0	87.4	6.3	2.9	3.0	0.4
1991–92 <sup>5,9</sup>	189,139	152,275	12,062	5,226	5,596	750	13,230	100.0	86.6	6.9	3.0	3.2	0.4
1992–93 <sup>5,10</sup>	199,947	158,604	12,959	5,930	6,322	821	15,311	100.0	85.9	7.0	3.2	3.4	0.4
1993–94 <sup>5,11</sup>	210,064	164,434	14,524	6,800	7,042	1,006	16,258	100.0	84.8	7.5	3.5	3.6	0.5
1994–95 <sup>5,12</sup>	218,929	168,975	16,068	7,417	7,922	962	17,585	100.0	83.9	8.0	3.7	3.9	0.5
1995–96 <sup>5,13</sup>	226,860	173,044	17,359	8,579	8,788	1,074	18,016	100.0	82.9	8.3	4.1	4.2	0.5
1996–97 <sup>5,14</sup>	236,717	178,481	19,353	9,072	9,598	1,195	19,018	100.0	82.0	8.9	4.2	4.4	0.5

<sup>1</sup> Excludes 387 men and 175 women whose racial/ethnic group was not available. <sup>11</sup> Excludes 730 men and 921 women whose racial/ethnic group and field of study were not available.  
<sup>2</sup> Excludes 733 men and 91 women whose racial/ethnic group was not available. <sup>12</sup> Excludes 475 men and 102 women whose racial/ethnic group and field of study were not available.  
<sup>3</sup> Excludes 1,377 men and 179 women whose racial/ethnic group was not available. <sup>13</sup> Excludes 420 men and 360 women whose racial/ethnic group and field of study were not available.  
<sup>4</sup> Excludes 3,973 men and 1,857 women whose racial/ethnic group was not available. <sup>13</sup> Excludes 2,782 and 1,737 whose racial/ethnic group and field of study were not available.  
<sup>5</sup> 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.  
<sup>6</sup> Excludes 482 men and 369 women whose racial/ethnic group and field of study were not available.  
<sup>7</sup> Excludes 727 men and 1,109 women whose racial/ethnic group and field of study were not available.  
<sup>8</sup> Excludes 4,686 men and 3,837 women whose racial/ethnic group and field of study were not available.  
<sup>9</sup> Excludes 2,299 men and 1,857 women whose racial/ethnic group and field of study were not available.  
<sup>10</sup> Excludes 504 men and 380 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1996–97, 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 August 1999.)

**Table 273.—Master's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1996–97**

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
<b>All fields, total<sup>1</sup></b>	<b>414,882</b>	<b>302,541</b>	<b>28,224</b>	<b>15,187</b>	<b>18,477</b>	<b>1,924</b>	<b>48,529</b>	<b>178,165</b>	<b>124,060</b>	<b>8,871</b>	<b>6,115</b>	<b>8,879</b>	<b>729</b>	<b>29,511</b>	<b>236,717</b>	<b>178,481</b>	<b>19,353</b>	<b>9,072</b>	<b>9,598</b>	<b>1,195</b>	<b>19,018</b>
Agriculture and natural resources	4,516	3,256	138	89	127	21	885	2,608	1,873	73	48	46	11	557	1,908	1,383	65	41	81	10	328
Architecture and related programs	4,034	2,620	160	198	255	17	784	2,336	1,512	90	108	118	9	499	1,698	1,108	70	90	137	8	285
Area, ethnic, and cultural studies	1,651	1,114	122	91	100	24	200	739	525	44	48	38	7	77	912	589	78	43	62	17	123
Biological sciences/life sciences	6,466	4,519	246	188	582	23	908	3,035	2,188	72	100	254	11	410	3,431	2,331	174	88	328	12	498
Business	97,619	67,531	6,359	3,163	5,681	320	14,565	59,611	42,399	2,810	1,873	3,179	180	9,170	38,008	25,132	3,549	1,290	2,502	140	5,395
Communications	5,227	3,459	415	166	174	31	982	1,800	1,250	96	50	51	11	342	3,427	2,209	319	116	123	20	640
Communications technologies	374	198	23	11	15	2	125	204	117	8	6	6	2	65	170	81	15	5	9	0	60
Computer and information sciences	10,098	4,164	405	203	1,364	27	3,935	7,248	3,209	224	148	814	17	2,836	2,850	955	181	55	550	10	1,099
Construction trades	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Education	110,087	89,783	9,630	4,904	1,990	619	3,161	25,806	20,886	2,146	1,201	444	159	970	84,281	68,897	7,484	3,703	1,546	460	2,191
Engineering	25,787	13,210	713	721	2,453	56	8,634	21,120	10,986	475	564	1,860	49	7,186	4,667	2,224	238	157	593	7	1,448
Engineering-related technologies	1,040	786	67	15	35	1	136	808	612	50	11	29	1	105	232	174	17	4	6	0	31
English language and literature/letters	7,722	6,500	318	241	231	55	377	2,733	2,344	70	107	63	20	129	4,989	4,156	248	134	168	35	248
Foreign languages and literatures	3,077	1,989	63	316	110	5	594	1,004	670	14	93	36	2	189	2,073	1,319	49	223	74	3	405
Health professions and related sciences	35,958	29,414	2,003	1,013	1,675	174	1,679	7,702	5,871	341	241	529	34	686	28,256	23,543	1,662	772	1,146	140	993
Home economics and vocational home economics	2,888	2,240	194	99	101	10	244	440	335	19	17	15	2	52	2,448	1,905	175	82	86	8	192
Law and legal studies	2,886	1,302	95	83	112	5	1,289	1,817	836	41	55	68	2	815	1,069	466	54	28	44	3	474
Liberal arts and sciences, general studies, and humanities	2,661	2,237	140	76	48	16	144	892	739	51	22	18	6	56	1,769	1,498	89	54	30	10	88
Library science	4,982	4,299	225	112	170	18	158	1,115	959	41	26	28	5	56	3,867	3,340	184	86	142	13	102
Mathematics	3,783	2,271	166	68	263	14	1,001	2,241	1,308	81	49	132	8	663	1,542	963	85	19	131	6	338
Multi/interdisciplinary studies	2,819	2,224	156	132	86	22	199	1,214	946	58	55	35	6	114	1,605	1,278	98	77	51	16	85
Parks, recreation, leisure and fitness studies	1,966	1,657	114	41	30	11	113	965	785	59	22	21	5	73	1,001	872	55	19	9	6	40
Philosophy and religion	1,252	1,005	37	38	66	3	103	745	588	21	22	46	2	66	507	417	16	16	20	1	37
Physical sciences and science technologies	5,563	3,316	150	111	321	17	1,648	3,752	2,275	77	70	176	12	1,142	1,811	1,041	73	41	145	5	506
Precision production trades	3	3	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0
Protective services	1,845	1,429	257	60	28	7	64	1,098	919	90	28	15	5	41	747	510	167	32	13	2	23
Psychology	14,353	11,558	1,170	716	389	104	416	3,852	3,132	268	199	89	37	127	10,501	8,426	902	517	300	67	289
Public administration and services	24,781	18,092	3,234	1,300	773	195	1,187	6,957	4,950	803	361	212	62	569	17,824	13,142	2,431	939	561	133	618
R.O.T.C. and military technologies	136	127	5	0	1	0	3	132	123	5	0	1	0	3	4	0	0	0	0	0	0
Social sciences and history	14,787	9,928	954	549	609	65	2,682	7,830	5,283	411	304	267	35	1,530	6,957	4,645	543	245	342	30	1,152
Theological studies and religious vocations	4,975	3,826	255	106	205	26	557	3,025	2,307	140	67	125	13	373	1,950	1,519	115	39	80	13	184
Transportation and material moving workers	919	819	39	27	11	10	13	863	779	30	25	10	9	10	56	40	9	2	1	1	3
Visual and performing arts	10,627	7,665	371	350	472	26	1,743	4,470	3,351	163	195	154	7	600	6,157	4,314	208	155	318	19	1,143

<sup>1</sup> 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 2,782 men and 1,737 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 August 1999.)

**Table 274.—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
<b>All fields, total<sup>1</sup></b>	<b>405,521</b>	<b>297,558</b>	<b>25,801</b>	<b>14,412</b>	<b>18,161</b>	<b>1,778</b>	<b>47,811</b>	<b>178,661</b>	<b>124,514</b>	<b>8,442</b>	<b>5,833</b>	<b>9,373</b>	<b>704</b>	<b>29,795</b>	<b>226,860</b>	<b>173,044</b>	<b>17,359</b>	<b>8,579</b>	<b>8,788</b>	<b>1,074</b>	<b>18,016</b>
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

<sup>1</sup> 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 275.—Doctor's degrees<sup>1</sup> conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1996–97**

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77 <sup>2</sup> .....	33,126	26,851	1,253	522	658	95	3,747	100.0	91.4	4.3	1.8	2.2	0.3
1978–79 <sup>3</sup> .....	32,675	26,138	1,268	439	811	104	3,915	100.0	90.9	4.4	1.5	2.8	0.4
1980–81 <sup>4</sup> .....	32,839	25,908	1,265	456	877	130	4,203	100.0	90.5	4.4	1.6	3.1	0.5
1984–85 <sup>5</sup> .....	32,307	23,934	1,154	677	1,106	119	5,317	100.0	88.7	4.3	2.5	4.1	0.4
1986–87 <sup>6</sup> .....	34,041	24,434	1,057	751	1,098	105	6,596	100.0	89.0	3.9	2.7	4.0	0.4
1988–89 <sup>6,7</sup> .....	35,659	24,884	1,066	629	1,323	85	7,672	100.0	88.9	3.8	2.2	4.7	0.3
1989–90 <sup>6,8</sup> .....	38,113	25,880	1,153	788	1,235	99	8,958	100.0	88.8	4.0	2.7	4.2	0.3
1990–91 <sup>6,9</sup> .....	38,547	25,328	1,211	732	1,459	102	9,715	100.0	87.8	4.2	2.5	5.1	0.4
1991–92 <sup>6,10</sup> .....	40,090	25,813	1,223	811	1,559	118	10,566	100.0	87.4	4.1	2.7	5.3	0.4
1992–93 <sup>6,11</sup> .....	42,021	26,700	1,352	827	1,582	106	11,454	100.0	87.3	4.4	2.7	5.2	0.3
1993–94 <sup>6,12</sup> .....	43,149	27,156	1,393	903	2,025	134	11,538	100.0	85.9	4.4	2.9	6.4	0.4
1994–95 <sup>6,13</sup> .....	44,427	27,826	1,667	984	2,690	130	11,130	100.0	83.6	5.0	3.0	8.1	0.4
1995–96 <sup>6,14</sup> .....	44,645	27,756	1,636	999	2,646	158	11,450	100.0	83.6	4.9	3.0	8.0	0.5
1996–97 <sup>6,15</sup> .....	45,394	28,344	1,847	1,098	2,607	173	11,325	100.0	83.2	5.4	3.2	7.7	0.5
	Men							Men					
1976–77 <sup>2</sup> .....	25,036	20,032	766	383	540	67	3,248	100.0	91.9	3.5	1.8	2.5	0.3
1978–79 <sup>3</sup> .....	23,488	18,433	734	294	646	69	3,312	100.0	91.4	3.6	1.5	3.2	0.3
1980–81 <sup>4</sup> .....	22,595	17,310	694	277	655	95	3,564	100.0	91.0	3.6	1.5	3.4	0.5
1984–85 <sup>5</sup> .....	21,296	15,017	561	431	802	64	4,421	100.0	89.0	3.3	2.6	4.8	0.4
1986–87 <sup>6</sup> .....	22,061	14,812	485	441	794	57	5,472	100.0	89.3	2.9	2.7	4.8	0.3
1988–89 <sup>6,7</sup> .....	22,597	14,541	491	350	945	50	6,220	100.0	88.8	3.0	2.1	5.8	0.3
1989–90 <sup>6,8</sup> .....	24,248	15,105	533	423	871	49	7,267	100.0	89.0	3.1	2.5	5.1	0.3
1990–91 <sup>6,9</sup> .....	24,333	14,565	581	387	987	58	7,755	100.0	87.9	3.5	2.3	6.0	0.3
1991–92 <sup>6,10</sup> .....	25,168	14,674	576	458	1,062	65	8,333	100.0	87.2	3.4	2.7	6.3	0.4
1992–93 <sup>6,11</sup> .....	25,980	14,902	615	439	1,041	51	8,932	100.0	87.4	3.6	2.6	6.1	0.3
1993–94 <sup>6,12</sup> .....	26,531	15,126	631	465	1,373	66	8,870	100.0	85.6	3.6	2.6	7.8	0.4
1994–95 <sup>6,13</sup> .....	26,898	15,354	731	488	1,758	58	8,509	100.0	83.5	4.0	2.7	9.6	0.3
1995–96 <sup>6,14</sup> .....	26,836	15,101	730	516	1,693	80	8,716	100.0	83.3	4.0	2.8	9.3	0.4
1996–97 <sup>6,15</sup> .....	26,826	15,339	786	572	1,606	86	8,437	100.0	83.4	4.3	3.1	8.7	0.5
	Women							Women					
1976–77 <sup>2</sup> .....	8,090	6,819	487	139	118	28	499	100.0	89.8	6.4	1.8	1.6	0.4
1978–79 <sup>3</sup> .....	9,187	7,705	534	145	165	35	603	100.0	89.8	6.2	1.7	1.9	0.4
1980–81 <sup>4</sup> .....	10,244	8,598	571	179	222	35	639	100.0	89.5	5.9	1.9	2.3	0.4
1984–85 <sup>5</sup> .....	11,011	8,917	593	246	304	55	896	100.0	88.2	5.9	2.4	3.0	0.5
1986–87 <sup>6</sup> .....	11,980	9,622	572	310	304	48	1,124	100.0	88.6	5.3	2.9	2.8	0.4
1988–89 <sup>6,7</sup> .....	13,062	10,343	575	279	378	35	1,452	100.0	89.1	5.0	2.4	3.3	0.3
1989–90 <sup>6,8</sup> .....	13,865	10,775	620	365	364	50	1,691	100.0	88.5	5.1	3.0	3.0	0.4
1990–91 <sup>6,9</sup> .....	14,214	10,763	630	345	472	44	1,960	100.0	87.8	5.1	2.8	3.9	0.4
1991–92 <sup>6,10</sup> .....	14,922	11,139	647	353	497	53	2,233	100.0	87.8	5.1	2.8	3.9	0.4
1992–93 <sup>6,11</sup> .....	16,041	11,798	737	388	541	55	2,522	100.0	87.3	5.5	2.9	4.0	0.4
1993–94 <sup>6,12</sup> .....	16,618	12,030	762	438	652	68	2,668	100.0	86.2	5.5	3.1	4.7	0.5
1994–95 <sup>6,13</sup> .....	17,529	12,472	936	496	932	72	2,621	100.0	83.7	6.3	3.3	6.3	0.5
1995–96 <sup>6,14</sup> .....	17,809	12,655	906	483	953	78	2,734	100.0	83.9	6.0	3.2	6.3	0.5
1996–97 <sup>6,15</sup> .....	18,568	13,005	1,061	526	1,001	87	2,888	100.0	82.9	6.8	3.4	6.4	0.6

<sup>1</sup> Includes Ph.D., Ed.D, and comparable degrees at the doctoral level. Excludes first-professional degrees.

<sup>2</sup> Excludes 106 men whose racial/ethnic group was not available.

<sup>3</sup> Excludes 53 men and 2 women whose racial/ethnic group was not available.

<sup>4</sup> Excludes 116 men and 3 women whose racial/ethnic group was not available.

<sup>5</sup> Excludes 404 men and 232 women whose racial/ethnic group was not available.

<sup>6</sup> 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.

<sup>7</sup> Excludes 51 men and 10 women whose racial/ethnic group and field of study were not available.

<sup>8</sup> Excludes 153 men and 105 women whose racial/ethnic group and field of study were not available.

<sup>9</sup> Excludes 423 men and 324 women whose racial/ethnic group and field of study were not available.

<sup>10</sup> Excludes 389 men and 180 women whose racial/ethnic group and field of study were not available.

<sup>11</sup> Excludes 93 men and 18 women whose racial/ethnic group and field of study were not available.

<sup>12</sup> Excludes 21 men and 15 women whose racial/ethnic group and field of study were not available.

<sup>13</sup> Excludes 18 men and 1 woman whose racial/ethnic group and field of study were not available.

<sup>13</sup> Excludes 5 men and 2 women whose racial/ethnic group and field of study were not available.

<sup>13</sup> Excludes 320 men and 162 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1996–97, 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 August 1999.)

**Table 276.—Doctor's degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1996–97**

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
<b>All fields, total<sup>1</sup></b>	<b>45,394</b>	<b>28,344</b>	<b>1,847</b>	<b>1,098</b>	<b>2,607</b>	<b>173</b>	<b>11,325</b>	<b>26,826</b>	<b>15,339</b>	<b>786</b>	<b>572</b>	<b>1,606</b>	<b>86</b>	<b>8,437</b>	<b>18,568</b>	<b>13,005</b>	<b>1,061</b>	<b>526</b>	<b>1,001</b>	<b>87</b>	<b>2,888</b>
Agriculture and natural resources	1,217	582	26	22	45	3	539	884	400	18	18	38	3	407	333	182	8	4	7	0	132
Architecture and related programs	135	72	7	3	7	0	46	93	47	4	1	3	0	38	42	25	3	2	4	0	8
Area, ethnic, and cultural studies	182	125	23	5	5	6	18	95	65	7	2	3	4	14	87	60	16	3	2	2	4
Biological sciences/life sciences	4,812	2,825	101	115	433	5	1,333	2,738	1,598	45	57	223	1	814	2,074	1,227	56	58	210	4	519
Business	1,336	824	55	23	73	4	357	947	546	31	14	48	2	306	389	278	24	9	25	2	51
Communications	296	202	16	7	18	1	52	152	107	5	2	12	0	26	144	95	11	5	6	1	26
Communications technologies	4	3	0	0	0	0	1	3	2	0	0	0	0	1	1	1	0	0	0	0	0
Computer and information sciences	857	399	5	12	70	2	369	721	328	4	11	53	2	323	136	71	1	1	17	0	46
Education	6,751	5,137	654	217	146	52	545	2,512	1,879	208	83	53	19	270	4,239	3,258	446	134	93	33	275
Engineering	6,201	2,519	91	91	481	13	3,006	5,438	2,154	66	74	398	12	2,734	763	365	25	17	83	1	272
Engineering-related technologies	9	4	1	0	0	0	4	8	3	1	0	0	0	4	1	1	0	0	0	0	0
English language and literature/letters	1,575	1,271	43	37	41	4	179	670	533	11	17	18	3	88	905	738	32	20	23	1	91
Foreign languages and literatures	915	516	11	82	40	4	262	385	209	4	36	19	1	116	530	307	7	46	21	3	146
Health professions and related sciences	2,672	1,536	77	56	363	5	635	1,176	555	22	22	217	1	359	1,496	981	55	34	146	4	276
Home economics and vocational home economics	382	261	33	12	8	0	68	95	65	6	5	1	0	18	287	196	27	7	7	0	50
Law and legal studies	81	19	2	1	3	1	55	59	15	0	1	1	1	41	22	4	2	0	2	0	14
Liberal arts and sciences, general studies, and humanities	77	56	10	3	1	1	6	34	24	3	2	1	0	4	43	32	7	1	0	1	2
Library science	46	25	3	1	1	0	16	16	6	2	1	0	0	7	30	19	1	0	1	0	9
Mathematics	1,174	506	7	18	83	2	558	891	360	4	12	59	2	454	283	146	3	6	24	0	104
Multi/interdisciplinary studies	451	310	36	15	17	4	69	232	156	11	7	11	1	46	219	154	25	8	6	3	23
Parks, recreation, leisure and fitness studies	108	81	2	3	5	0	17	60	39	2	3	5	0	11	48	42	0	0	0	0	6
Philosophy and religion	593	437	29	11	23	2	91	418	301	20	10	18	2	67	175	136	9	1	5	0	24
Physical sciences and science technologies	4,474	2,460	58	65	309	11	1,571	3,444	1,892	42	53	212	10	1,235	1,030	568	16	12	97	1	336
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	31	22	3	2	1	1	2	15	11	1	1	1	0	1	16	11	2	1	0	1	1
Psychology	4,053	3,405	170	156	138	30	154	1,350	1,139	44	50	35	12	70	2,703	2,266	126	106	103	18	84
Public administration and services	518	347	47	15	27	0	82	243	147	16	8	14	0	58	275	200	31	7	13	0	24
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	3,989	2,623	144	91	167	13	951	2,479	1,541	80	55	98	4	701	1,510	1,082	64	36	69	9	250
Theological studies and religious vocations	1,395	978	152	20	61	4	180	1,143	805	109	19	53	4	153	252	173	43	1	8	0	27
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	1,060	799	41	15	41	5	159	525	412	20	8	12	2	71	535	387	21	7	29	3	88

<sup>1</sup> 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 320 men and 162 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 August 1999.)

Table 277.—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
<b>All fields, total<sup>1</sup></b>	<b>44,645</b>	<b>27,756</b>	<b>1,636</b>	<b>999</b>	<b>2,646</b>	<b>158</b>	<b>11,450</b>	<b>26,836</b>	<b>15,101</b>	<b>730</b>	<b>516</b>	<b>1,693</b>	<b>80</b>	<b>8,716</b>	<b>17,809</b>	<b>12,655</b>	<b>906</b>	<b>483</b>	<b>953</b>	<b>78</b>	<b>2,734</b>
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

<sup>1</sup> 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 278.—First-professional degrees conferred by institutions of higher education, by racial/ethnic group and sex of student: 1976–77 to 1996–97**

Year	Number of degrees conferred							Percentage distribution of degrees conferred to U.S. citizens					
	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
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	Total							Total					
1976–77 <sup>1</sup>	63,953	58,422	2,537	1,076	1,021	196	701	100.0	92.4	4.0	1.7	1.6	0.3
1978–79 <sup>2</sup>	68,611	62,430	2,836	1,283	1,205	216	641	100.0	91.8	4.2	1.9	1.8	0.3
1980–81 <sup>3</sup>	71,340	64,551	2,931	1,541	1,456	192	669	100.0	91.3	4.1	2.2	2.1	0.3
1984–85 <sup>4</sup>	71,057	63,219	3,029	1,884	1,816	248	861	100.0	90.1	4.3	2.7	2.6	0.4
1986–87	71,617	62,688	3,420	2,051	2,270	304	884	100.0	88.6	4.8	2.9	3.2	0.4
1988–89	70,856	61,214	3,148	2,269	2,976	264	985	100.0	87.6	4.5	3.2	4.3	0.4
1989–90 <sup>5</sup>	70,744	60,240	3,410	2,427	3,362	257	1,048	100.0	86.4	4.9	3.5	4.8	0.4
1990–91 <sup>6</sup>	71,515	60,327	3,575	2,527	3,755	261	1,070	100.0	85.6	5.1	3.6	5.3	0.4
1991–92 <sup>7</sup>	72,129	59,800	3,560	2,766	4,455	296	1,252	100.0	84.4	5.0	3.9	6.3	0.4
1992–93 <sup>8</sup>	74,960	60,830	4,100	2,984	5,160	368	1,518	100.0	82.8	5.6	4.1	7.0	0.5
1993–94	75,418	60,140	4,444	3,134	5,892	371	1,437	100.0	81.3	6.0	4.2	8.0	0.5
1994–95	75,800	59,402	4,747	3,231	6,397	412	1,611	100.0	80.1	6.4	4.4	8.6	0.6
1995–96 <sup>9</sup>	76,641	59,456	5,016	3,476	6,617	463	1,613	100.0	79.2	6.7	4.6	8.8	0.6
1996–97 <sup>10</sup>	77,815	59,852	5,251	3,553	7,037	511	1,611	100.0	78.5	6.9	4.7	9.2	0.7
	Men							Men					
1976–77 <sup>1</sup>	51,980	47,777	1,761	893	776	159	614	100.0	93.0	3.4	1.7	1.5	0.3
1978–79 <sup>2</sup>	52,425	48,123	1,783	989	860	150	520	100.0	92.7	3.4	1.9	1.7	0.3
1980–81 <sup>3</sup>	52,194	47,629	1,772	1,131	991	134	537	100.0	92.2	3.4	2.2	1.9	0.3
1984–85 <sup>4</sup>	47,501	42,630	1,623	1,239	1,152	176	681	100.0	91.1	3.5	2.6	2.5	0.4
1986–87	46,523	41,149	1,835	1,303	1,420	183	633	100.0	89.7	4.0	2.8	3.1	0.4
1988–89	45,046	39,399	1,618	1,374	1,819	148	688	100.0	88.8	3.6	3.1	4.1	0.3
1989–90 <sup>5</sup>	43,778	37,850	1,672	1,450	1,963	135	708	100.0	87.9	3.9	3.4	4.6	0.3
1990–91 <sup>6</sup>	43,601	37,348	1,672	1,506	2,178	144	753	100.0	87.2	3.9	3.5	5.1	0.3
1991–92 <sup>7</sup>	43,812	36,939	1,603	1,635	2,593	157	885	100.0	86.1	3.7	3.8	6.0	0.4
1992–93 <sup>8</sup>	44,821	37,157	1,777	1,762	2,858	190	1,077	100.0	84.9	4.1	4.0	6.5	0.4
1993–94	44,707	36,573	1,902	1,781	3,214	222	1,015	100.0	83.7	4.4	4.1	7.4	0.5
1994–95	44,853	36,146	2,077	1,836	3,491	222	1,081	100.0	82.6	4.7	4.2	8.0	0.5
1995–96 <sup>9</sup>	44,679	35,732	2,107	1,947	3,533	256	1,104	100.0	82.0	4.8	4.5	8.1	0.6
1996–97 <sup>10</sup>	45,067	35,749	2,178	1,951	3,798	289	1,102	100.0	81.3	5.0	4.4	8.6	0.7
	Women							Women					
1976–77 <sup>1</sup>	11,973	10,645	776	183	245	37	87	100.0	89.6	6.5	1.5	2.1	0.3
1978–79 <sup>2</sup>	16,186	14,307	1,053	294	345	66	121	100.0	89.1	6.6	1.8	2.1	0.4
1980–81 <sup>3</sup>	19,146	16,922	1,159	410	465	58	132	100.0	89.0	6.1	2.2	2.4	0.3
1984–85 <sup>4</sup>	23,556	20,589	1,406	645	664	72	180	100.0	88.1	6.0	2.8	2.8	0.3
1986–87	25,094	21,539	1,585	748	850	121	251	100.0	86.7	6.4	3.0	3.4	0.5
1988–89	25,810	21,815	1,530	895	1,157	116	297	100.0	85.5	6.0	3.5	4.5	0.5
1989–90 <sup>5</sup>	26,966	22,390	1,738	977	1,399	122	340	100.0	84.1	6.5	3.7	5.3	0.5
1990–91 <sup>6</sup>	27,914	22,979	1,903	1,021	1,577	117	317	100.0	83.3	6.9	3.7	5.7	0.4
1991–92 <sup>7</sup>	28,317	22,861	1,957	1,131	1,862	139	367	100.0	81.8	7.0	4.0	6.7	0.5
1992–93 <sup>8</sup>	30,139	23,673	2,323	1,222	2,302	178	441	100.0	79.7	7.8	4.1	7.8	0.6
1993–94	30,711	23,567	2,542	1,353	2,678	149	422	100.0	77.8	8.4	4.5	8.8	0.5
1994–95	30,947	23,256	2,670	1,395	2,906	190	530	100.0	76.5	8.8	4.6	9.6	0.6
1995–96 <sup>9</sup>	31,962	23,724	2,909	1,529	3,084	207	509	100.0	75.4	9.2	4.9	9.8	0.7
1996–97 <sup>10</sup>	32,748	24,103	3,073	1,602	3,239	222	509	100.0	74.8	9.5	5.0	10.0	0.7

<sup>1</sup> Excludes 394 men and 12 women whose racial/ethnic group was not available.  
<sup>2</sup> Excludes 227 men and 10 women whose racial/ethnic group was not available.  
<sup>3</sup> Excludes 598 men and 18 women whose racial/ethnic group was not available.  
<sup>4</sup> Excludes 2,954 men and 1,052 women whose racial/ethnic group and field of study were not available.  
<sup>5</sup> Excludes 183 men and 61 women whose racial/ethnic group and field of study were not available.  
<sup>6</sup> Excludes 245 men and 188 women whose racial/ethnic group and field of study were not available.  
<sup>7</sup> Excludes 1,259 men and 758 women whose racial/ethnic group and field of study were not available.  
<sup>8</sup> Excludes 332 men and 95 women whose racial/ethnic group and field of study were not available.

<sup>9</sup> Excludes 69 men and 24 women whose racial/ethnic group and field of study were not available.  
<sup>10</sup> Excludes 497 men and 418 women whose racial/ethnic group and field of study were not available.

NOTE.—For years 1984–85 to 1996–97, 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 August 1999.)

**Table 279.—First-professional degrees conferred by institutions of higher education, by racial/ethnic group, major field of study, and sex of student: 1996–97**

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
<b>All fields<sup>1</sup></b>	<b>77,815</b>	<b>59,852</b>	<b>5,251</b>	<b>3,553</b>	<b>7,037</b>	<b>511</b>	<b>1,611</b>	<b>45,067</b>	<b>35,749</b>	<b>2,178</b>	<b>1,951</b>	<b>3,798</b>	<b>289</b>	<b>1,102</b>	<b>32,748</b>	<b>24,103</b>	<b>3,073</b>	<b>1,602</b>	<b>3,239</b>	<b>222</b>	<b>509</b>
Dentistry (D.D.S. or D.M.D.)	3,784	2,498	190	185	659	19	233	2,387	1,701	75	95	355	12	149	1,397	797	115	90	304	7	84
Medicine (M.D.)	15,571	11,095	1,123	703	2,377	111	162	9,121	6,741	429	398	1,378	70	105	6,450	4,354	694	305	999	41	57
Optometry (O.D.)	1,264	929	31	41	198	5	60	591	482	6	17	53	1	32	673	447	25	24	145	4	28
Osteopathic medicine (D.O.)	2,011	1,676	72	50	181	17	15	1,297	1,091	35	32	120	11	8	714	585	37	18	61	6	7
Pharmacy (Pharm.D.)	2,708	1,829	265	58	466	12	78	961	709	67	18	126	9	32	1,747	1,120	198	40	340	3	46
Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)	614	473	27	24	65	3	22	423	339	9	19	41	2	13	191	134	18	5	24	1	9
Veterinary medicine (D.V.M.)	2,188	1,988	54	71	45	14	16	731	657	23	25	16	5	5	1,457	1,331	31	46	29	9	11
Chiropractic medicine (D.C. or D.C.M.)	3,654	2,986	62	90	196	18	302	2,658	2,165	37	60	139	12	245	996	821	25	30	57	6	57
Law (LL.B. or J.D.)	40,079	31,672	2,951	2,211	2,534	298	413	22,548	18,445	1,205	1,198	1,298	158	244	17,531	13,227	1,746	1,013	1,236	140	169
Theology (M.Div., M.H.L., B.D., or Ord.)	5,859	4,632	472	120	311	14	310	4,323	3,394	292	89	270	9	269	1,536	1,238	180	31	41	5	41
Other	83	74	4	0	5	0	0	27	25	0	0	2	0	0	56	49	4	0	3	0	0

<sup>1</sup> 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 497 men and 418 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 August 1999.)

**Table 280.—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
<b>All fields<sup>1</sup></b>	<b>76,641</b>	<b>59,456</b>	<b>5,016</b>	<b>3,476</b>	<b>6,617</b>	<b>463</b>	<b>1,613</b>	<b>44,679</b>	<b>35,732</b>	<b>2,107</b>	<b>1,947</b>	<b>3,533</b>	<b>256</b>	<b>1,104</b>	<b>31,962</b>	<b>23,724</b>	<b>2,909</b>	<b>1,529</b>	<b>3,084</b>	<b>207</b>	<b>509</b>
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

<sup>1</sup> 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 281.—Earned degrees in agriculture and natural resources conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97	22,602	13,794	8,808	4,516	2,608	1,908	1,217	884	333

NOTE.—Includes 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 June 1999.)

**Table 282.—Earned degrees in architecture and related programs conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1967–68	3,057	2,931	126	1,021	953	68	15	15	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	83	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
1996–97	7,944	5,090	2,854	4,034	2,336	1,698	135	93	42

NOTE.—Prior 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 June 1999.)

**Table 283.—Earned degrees in the biological/life sciences conferred by institutions of higher education, by level of degree and sex of student: 1951–52 to 1996–97**

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
1953–54 .....	9,279	6,710	2,569	1,610	1,287	323	1,077	977	100
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
1967–68 .....	31,826	22,986	8,840	5,506	3,959	1,547	2,784	2,345	439
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
1996–97 .....	63,975	29,470	34,505	6,466	3,035	3,431	4,812	2,738	2,074

NOTE.—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 June 1999.)

**Table 284.—Earned degrees in biology, microbiology, and zoology conferred by institutions of higher education, by level of degree: 1970–71 to 1996–97**

Year	Biology, general			Microbiology <sup>1</sup>			Zoology <sup>2</sup>		
	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's	Bachelor's	Master's	Doctor's
1	2	3	4	5	6	7	8	9	10
1970–71 .....	26,294	2,665	536	1,475	456	365	5,722	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
1996–97 .....	46,632	2,742	693	2,417	326	455	3,526	875	807

<sup>1</sup> Includes bacteriology.

<sup>2</sup> 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 June 1999.)

**Table 285.—Earned degrees in business conferred by institutions of higher education, by level of degree and sex of student: 1955–56 to 1996–97**

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
1967–68	79,074	72,126	6,948	17,795	17,186	609	441	427	14
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
1996–97	226,633	116,519	110,114	97,619	59,611	38,008	1,336	947	389

NOTE.—Includes 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 June 1999.)

**Table 286.—Earned degrees in communications conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97	47,768	19,688	28,080	5,601	2,004	3,597	300	155	145

NOTE.—Includes 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 June 1999.)

**Table 287.—Earned degrees in computer and information sciences conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97	24,768	18,037	6,731	10,098	7,248	2,850	857	721	136

NOTE.—Includes 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 June 1999.)

**Table 288.—Earned degrees in education conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1967–68	133,965	31,926	102,039	63,399	30,672	32,727	4,078	3,250	828
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
1996–97	105,233	26,271	78,962	110,087	25,806	84,281	6,751	2,512	4,239

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 1999.)

**Table 289.—Earned degrees in engineering conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1996–97	75,157	62,648	12,509	26,827	21,928	4,899	6,210	5,446	764

NOTE.—Includes degrees in engineering; engineering-related technologies; construction trades; and mechanics and repairers from 1969–70 through 1996–97.

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 1999.)

**Table 290.—Earned degrees in chemical, civil, electrical, and mechanical engineering conferred by institutions of higher education, by level of degree: 1970–71 to 1996–97**

Year	Chemical engineering			Civil engineering <sup>1</sup>			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
	2	3	4	5	6	7	8	9	10	11	12	13
1970–71	3,579	1,100	406	6,526	2,425	446	12,198	4,282	879	8,858	2,237	438
1971–72	3,625	1,154	394	6,803	2,487	415	12,101	4,206	824	8,530	2,282	411
1972–73	3,578	1,051	397	7,390	2,627	397	12,313	3,895	791	8,523	2,141	370
1973–74	3,399	1,044	400	8,017	2,652	368	11,316	3,499	705	7,677	1,843	385
1974–75	3,070	990	346	7,651	2,769	356	10,161	3,469	701	6,890	1,858	340
1975–76	3,140	1,031	308	7,923	2,999	370	9,791	3,774	649	6,800	1,907	305
1976–77	3,524	1,086	291	8,228	2,964	309	9,936	3,788	566	7,703	1,952	283
1977–78	4,569	1,235	259	9,135	2,685	277	11,133	3,740	503	8,875	1,942	279
1978–79	5,568	1,149	304	9,809	2,646	253	12,338	3,591	586	10,107	1,877	271
1979–80	6,320	1,270	284	10,326	2,683	270	13,821	3,836	525	11,808	2,060	281
1980–81	6,527	1,267	300	10,678	2,891	325	14,938	3,901	535	13,329	2,291	276
1981–82	6,740	1,285	311	10,524	2,995	329	16,455	4,462	526	13,922	2,399	333
1982–83	7,185	1,368	319	9,989	3,074	340	18,049	4,531	550	15,675	2,511	299
1983–84	7,475	1,514	330	9,693	3,146	369	19,943	5,078	585	16,629	2,797	319
1984–85	7,146	1,544	418	9,162	3,172	377	21,691	5,153	660	16,794	3,053	409
1985–86	5,877	1,361	446	8,679	2,926	395	23,742	5,534	722	16,194	3,075	426
1986–87	4,991	1,184	497	8,147	2,901	451	24,547	6,183	724	15,450	3,198	528
1987–88	3,917	1,088	579	7,488	2,836	481	23,597	6,688	860	14,900	3,329	596
1988–89	3,663	1,093	602	7,312	2,903	505	21,908	7,028	998	14,843	3,498	633
1989–90	3,430	1,035	562	7,252	2,812	516	20,711	7,225	1,162	14,336	3,424	742
1990–91	3,444	903	611	7,314	2,927	536	19,320	7,095	1,220	13,977	3,516	757
1991–92	3,754	956	590	8,034	3,113	540	17,958	7,360	1,282	14,067	3,653	851
1992–93	4,459	990	595	8,868	3,610	577	17,281	7,870	1,413	14,464	3,982	871
1993–94	5,163	1,032	604	9,479	3,873	651	15,823	7,791	1,470	15,030	4,099	887
1994–95	5,901	1,085	571	9,927	4,077	625	14,929	7,693	1,543	14,794	4,213	890
1995–96	6,319	1,176	670	10,607	3,905	616	13,900	7,103	1,591	14,177	3,881	940
1996–97	6,564	1,131	650	10,437	3,833	640	13,336	6,393	1,512	13,493	3,608	913

<sup>1</sup> 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 June 1999.)

**Table 291.—Earned degrees in English language and literature/letters conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1967–68	47,977	15,700	32,277	7,916	3,434	4,482	977	717	260
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
1996–97	49,345	16,531	32,814	7,722	2,733	4,989	1,575	670	905

NOTE.—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 June 1999.)

**Table 292.—Earned degrees in modern foreign languages and literatures conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1967–68	17,499	4,450	13,049	3,911	1,555	2,356	491	336	155
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
1996–97	12,261	3,556	8,705	2,244	678	1,566	622	247	375

NOTE.—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 June 1999.)



**Table 293.—Earned degrees in French, German, and Spanish conferred by institutions of higher education, by level of degree: 1949–50 to 1996–97**

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
1967–68	7,068	1,301	152	2,368	771	117	6,381	1,188	123
1969–70	7,624	1,409	181	2,652	669	118	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
1996–97	2,468	414	119	1,214	281	80	6,161	677	175

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 1999.)

**Table 294.—Earned degrees in the health professions and related sciences conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97	85,631	15,877	69,754	35,958	7,702	28,256	2,672	1,176	1,496

NOTE.—Includes 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; pre-dentistry; 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 June 1999.)

**Table 295.—Earned degrees in mathematics conferred by institutions of higher education, by level of degree and sex of student: 1949–50 to 1996–97**

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
1967–68	23,513	14,782	8,731	5,527	4,199	1,328	947	895	5
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
1996–97	12,820	6,908	5,912	3,783	2,241	1,542	1,174	891	283

NOTE.—Includes degrees conferred in statistics.

Awards Conferred" surveys, and Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared June 1999.)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Higher Education General Information Survey (HEGIS), "Degrees and Other Formal

**Table 296.—Earned degrees in the physical sciences conferred by institutions of higher education, by level of degree and sex of student: 1959–60 to 1996–97**

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
1967–68	19,380	16,739	2,641	5,499	4,869	630	3,593	3,405	188
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
1996–97	19,531	12,228	7,303	5,563	3,752	1,811	4,474	3,444	1,030

NOTE.—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 June 1999.)

**Table 297.—Earned degrees in chemistry, geology, and physics conferred by institutions of higher education, by level of degree: 1970–71 to 1996–97**

Year	Chemistry			Geology <sup>1</sup>			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
1996–97	10,644	2,240	2,259	3,219	996	388	3,376	1,496	1,410

<sup>1</sup> 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 June 1999.)

**Table 298.—Earned degrees in psychology conferred by institutions of higher education, by level of degree and by sex of student: 1949–50 to 1996–97**

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
1967–68	23,819	13,792	10,027	3,479	2,321	1,158	1,268	982	286
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
1996–97	74,191	19,379	54,812	14,353	3,852	10,501	4,053	1,350	2,703

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 1999.)

**Table 299.—Earned degrees in public administration and services conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97 .....	20,649	4,177	16,472	24,781	6,957	17,824	518	243	275

NOTE.—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 June 1999.)

**Table 300.—Earned degrees in the social sciences and history conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97 .....	124,891	64,115	60,776	14,787	7,830	6,957	3,989	2,479	1,510

NOTE.—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 June 1999.)

**Table 301.—Earned degrees in economics, history, political science and government, and sociology conferred by institutions of higher education, by level of degree: 1949–50 to 1996–97**

Year	Economics			History			Political science and government <sup>1</sup>			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
1996–97	16,539	2,433	968	25,214	2,901	873	28,969	1,909	686	24,672	1,731	591

<sup>1</sup> 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 June 1999.)

**Table 302.—Earned degrees in visual and performing arts conferred by institutions of higher education, by level of degree and sex of student: 1970–71 to 1996–97**

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
1996–97	50,083	20,729	29,354	10,627	4,470	6,157	1,060	525	535

NOTE.—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 studios; 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 June 1999.)

**Table 303.—Statistical profile of persons receiving doctor’s degrees, by field of study: 1996–97**

Item	All fields	Field of study								
		Education	Engineering	Humanities	Life sciences	Physical sciences <sup>1</sup>		Business and management	Social sciences and psychology	Other professional fields
						Total	Mathematics			
1	2	3	4	5	6	7	8	9	10	11
<b>Doctor’s degrees conferred (number) ....</b>	<b>42,705</b>	<b>6,497</b>	<b>6,052</b>	<b>5,387</b>	<b>8,213</b>	<b>6,574</b>	<b>1,112</b>	<b>1,221</b>	<b>6,917</b>	<b>1,081</b>
Sex (percent)										
Men .....	58.5	36.4	87.0	51.5	54.6	77.4	76.0	68.9	46.9	52.8
Women .....	40.6	62.8	12.3	47.7	44.7	21.9	23.4	30.3	52.2	46.4
Racial/ethnic group (percent) <sup>2</sup>										
American Indian .....	0.5	0.9	0.4	0.5	0.3	0.3	0.2	0.6	0.5	0.5
Asian .....	10.6	3.2	22.3	4.8	15.3	16.8	16.7	10.5	6.2	5.8
Black .....	5.0	10.2	3.1	3.5	3.4	1.7	1.2	6.3	5.5	7.4
Hispanic .....	3.9	4.6	2.8	4.8	3.5	2.7	2.1	2.1	4.8	3.3
White .....	80.0	81.1	71.5	86.4	77.5	78.4	79.3	80.5	82.9	83.0
Citizenship (percent)										
United States .....	64.8	82.6	44.3	76.5	62.0	54.1	46.2	63.5	72.5	72.4
Non-U.S., permanent visa .....	6.8	2.6	9.8	6.0	9.1	9.4	9.0	6.9	4.8	4.3
Non-U.S., temporary visa .....	19.8	5.6	39.7	10.1	22.6	29.8	37.6	21.9	13.0	16.3
Unknown .....	8.5	9.3	6.2	7.4	6.3	6.6	7.2	7.8	9.7	7.0
Median age at doctorate (years) .....	33.6	44.0	31.3	35.2	32.3	30.8	31.3	35.7	33.4	38.9
Percent with bachelor’s degree in same field as doctorate .....	50.8	34.1	75.9	46.1	46.9	61.5	64.8	31.7	55.2	29.5
Median time lapse from bachelor’s to doctorate (years)										
Total time .....	10.5	20.0	8.7	11.7	9.2	8.0	8.6	12.4	10.0	15.1
Registered time .....	7.3	8.4	6.5	8.6	7.0	6.8	6.9	7.6	7.5	8.4
Postdoctoral plans (percent)										
Postdoctoral study plans .....	22.9	3.8	19.5	5.8	51.6	38.9	26.0	2.6	17.0	4.1
Fellowship .....	12.3	1.7	6.1	3.7	31.4	17.3	12.2	0.9	11.7	1.6
Research associateship .....	9.1	1.4	12.3	1.1	16.6	20.3	11.4	1.2	3.8	1.5
Traineeship .....	0.7	0.3	0.8	0.3	1.3	0.8	1.5	0.3	1.0	0.3
Other .....	0.8	0.4	0.3	0.6	2.4	0.5	0.8	0.2	0.5	0.7
Postdoctoral employment .....	63.6	81.6	70.8	81.0	38.1	50.8	62.3	85.3	68.4	84.9
Educational institution <sup>3</sup> .....	32.4	62.2	11.3	59.7	15.6	15.1	31.9	63.8	32.9	53.4
Industry, business .....	16.7	5.3	47.5	6.0	9.2	26.1	19.9	13.4	12.5	8.4
Government .....	4.3	3.7	6.4	1.4	4.1	3.5	2.3	2.1	6.7	6.2
Nonprofit organization .....	3.1	3.4	1.3	3.6	2.1	1.0	1.1	1.7	6.8	10.5
Other and unknown .....	7.0	7.0	4.4	10.2	7.2	5.1	7.1	4.2	9.6	6.4
Postdoctoral plans unknown .....	13.5	14.6	9.6	13.2	10.3	10.3	11.7	12.1	14.6	11.0
Definite postdoctoral study .....	16.5	2.2	12.2	3.4	39.0	29.2	18.0	1.6	11.9	2.2
Seeking postdoctoral study .....	6.4	1.5	7.3	2.4	12.6	9.8	8.0	1.0	5.1	1.9
Definite employment .....	41.6	59.2	46.6	45.2	24.7	33.4	39.7	64.5	43.5	58.8
Seeking employment .....	21.9	22.4	24.2	35.8	13.4	17.4	22.6	20.7	25.0	26.1
Primary postdoctoral activity (percent) <sup>4</sup>										
Research and development .....	30.5	5.5	69.3	7.2	36.1	56.8	36.7	25.9	26.8	12.6
Teaching .....	37.0	40.9	11.3	74.3	28.4	23.3	42.5	55.1	33.6	52.0
Administration .....	11.9	38.4	2.1	5.0	5.1	2.3	0.7	6.0	5.7	12.3
Professional services .....	13.2	10.8	10.9	6.2	14.5	9.1	10.9	7.4	26.9	18.1
Other .....	3.3	1.8	4.0	3.7	3.8	4.0	2.0	2.7	3.7	2.4
Activity unknown .....	4.0	2.3	2.3	3.6	11.9	4.3	7.0	3.0	3.2	2.5
Region of employment after doctorate (percent) <sup>4</sup>										
New England .....	6.5	4.5	7.0	7.8	5.3	8.6	9.7	4.3	7.7	4.1
Middle Atlantic .....	13.8	12.9	12.6	15.3	11.4	16.1	18.8	13.5	15.0	13.7
East North Central .....	13.4	14.7	11.9	14.8	12.4	11.5	13.6	15.1	13.5	15.1
West North Central .....	6.8	9.9	3.7	7.8	7.6	5.1	6.8	5.2	6.2	7.5
South Atlantic .....	15.5	18.5	12.0	14.7	15.9	13.8	16.3	15.8	16.6	15.9
East South Central .....	4.6	7.0	2.8	4.1	4.6	3.6	3.6	6.5	3.5	5.7
West South Central .....	8.3	9.3	8.6	8.1	7.6	7.2	4.3	10.9	6.7	11.3
Mountain .....	5.5	6.7	5.1	5.5	5.4	5.4	4.5	4.3	5.1	4.6
Pacific and insular .....	13.9	10.6	21.7	12.0	12.7	18.4	10.2	10.5	12.2	7.7
U.S., region unknown .....	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0
Foreign .....	10.2	4.7	12.9	8.9	14.7	8.9	10.2	12.7	12.5	13.7
Region unknown .....	1.3	1.2	1.6	0.9	2.3	1.5	2.0	1.0	1.0	0.8

<sup>1</sup>Includes mathematics, computer science, physics and astronomy, chemistry, and earth, atmospheric, and marine sciences.

<sup>2</sup>Distribution by race/ethnicity based on U.S. citizens and those with permanent visas only.

<sup>3</sup>Includes 2-year, 4-year, and foreign colleges and universities, medical schools, and elementary/secondary schools.

<sup>4</sup>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 differences are that history is included under humanities rather than social sciences and

that psychology is included under social sciences. 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. 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 1997: Doctorate Recipients from United States Universities*. (This table was prepared September 1999.)

**Table 304.—Statistical profile of persons receiving doctor's degrees in education: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>7,576</b>	<b>7,489</b>	<b>6,717</b>	<b>6,649</b>	<b>6,454</b>	<b>6,362</b>	<b>6,281</b>	<b>6,510</b>	<b>6,454</b>	<b>6,677</b>	<b>6,689</b>	<b>6,708</b>	<b>6,649</b>	<b>6,772</b>	<b>6,497</b>
Sex (percent)															
Men .....	55.5	52.8	48.2	45.6	44.9	44.8	42.5	42.4	41.9	40.5	41.3	39.1	38.4	38.3	36.4
Women .....	44.5	47.2	51.8	54.4	55.1	55.2	57.5	57.6	58.1	59.5	58.7	60.9	61.6	61.7	62.8
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.8	0.6	0.7	0.5	0.7	0.6	0.4	0.6	1.0	0.8	0.8	0.6	0.7	1.0	0.9
Asian .....	1.3	1.9	1.7	1.6	1.7	2.4	1.9	1.8	2.2	2.4	2.4	2.9	3.0	3.1	3.2
Black .....	9.1	9.1	8.7	8.1	7.4	7.6	8.1	8.2	7.9	8.4	9.4	8.6	10.4	10.1	10.2
Hispanic .....	2.4	2.5	3.2	3.7	3.6	2.9	3.1	3.3	3.3	3.5	3.7	4.0	4.4	3.6	4.6
White .....	86.3	85.9	85.6	86.1	86.6	86.4	86.5	86.0	85.6	84.8	83.7	83.9	81.6	82.2	81.1
Citizenship (percent)															
United States .....	88.7	87.7	85.5	84.7	84.9	83.1	82.9	84.4	84.8	86.8	86.4	87.4	86.8	86.6	82.6
Foreign .....	8.2	8.8	10.4	9.6	9.2	10.2	9.7	9.7	10.2	10.7	10.8	11.0	11.0	9.9	8.2
Unknown .....	3.1	3.6	4.1	5.6	6.0	6.7	7.4	5.8	5.0	2.4	2.7	1.6	2.3	3.4	9.3
Median age at doctorate (years) .....	37.0	37.3	38.7	39.4	39.8	40.5	41.1	41.6	42.1	42.7	43.0	43.6	43.8	44.3	44.0
Percent with bachelor's degree in same field as doctorate .....	39.0	38.9	38.7	39.0	37.8	36.9	38.5	37.5	39.3	38.7	37.4	36.9	37.0	36.1	34.1
Median time lapse from bachelor's to doctorate (years)															
Total time .....	13.1	13.5	15.1	15.7	16.2	16.9	17.3	17.9	18.4	18.9	19.2	19.7	19.9	20.2	20.0
Registered time .....	6.9	7.0	7.6	7.8	7.9	8.1	8.2	8.1	8.1	8.2	8.2	8.1	8.2	8.2	8.4

<sup>1</sup> 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. 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 September 1999.)

**Table 305.—Statistical profile of persons receiving doctor's degrees in engineering: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>2,479</b>	<b>2,528</b>	<b>3,165</b>	<b>3,376</b>	<b>3,712</b>	<b>4,187</b>	<b>4,543</b>	<b>4,894</b>	<b>5,214</b>	<b>5,438</b>	<b>5,698</b>	<b>5,822</b>	<b>6,008</b>	<b>6,305</b>	<b>6,052</b>
Sex (percent)															
Men .....	96.4	96.1	93.7	93.3	93.5	93.2	91.8	91.5	91.3	90.7	90.9	89.1	88.4	87.7	87.0
Women .....	3.6	3.9	6.3	6.7	6.6	6.8	8.2	8.5	8.7	9.3	9.1	10.9	11.6	12.3	12.3
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.2	0.3	0.1	0.3	0.4	0.2	0.3	0.2	0.3	0.4	0.1	0.2	0.3	0.4	0.4
Asian .....	18.9	20.0	18.4	15.6	17.7	16.0	16.6	15.3	17.4	18.2	19.7	28.8	31.5	26.8	22.3
Black .....	1.2	1.4	2.2	1.4	1.3	1.4	1.4	1.8	2.4	1.9	1.9	1.8	2.2	2.2	3.1
Hispanic .....	1.9	1.0	1.5	2.1	1.8	3.0	2.2	2.4	2.6	3.0	2.4	2.2	2.4	2.9	2.8
White .....	77.8	77.3	77.8	80.6	78.8	79.4	79.5	80.4	77.4	76.5	75.9	67.0	63.7	67.6	71.5
Citizenship (percent)															
United States .....	50.6	46.2	40.4	40.8	41.8	42.4	40.9	39.4	37.9	38.7	39.1	38.0	39.7	41.1	44.3
Foreign .....	46.3	49.1	54.6	50.8	50.7	49.8	50.4	52.5	54.7	57.8	57.1	60.0	57.9	55.7	49.5
Unknown .....	3.1	4.7	5.0	8.4	7.4	7.7	8.8	8.1	7.3	3.5	3.9	2.1	2.5	3.3	6.2
Median age at doctorate (years) .....	30.3	30.5	30.9	31.0	31.0	31.0	31.1	31.2	31.4	31.5	31.6	31.7	31.7	31.7	31.3
Percent with bachelor's degree in same field as doctorate .....	75.2	74.1	74.2	73.0	75.2	76.4	76.2	76.9	79.0	81.8	80.1	80.4	79.1	80.2	75.9
Median time lapse from bachelor's to doctorate (years)															
Total time .....	7.6	7.9	8.1	8.1	8.1	8.1	8.1	8.2	8.5	8.7	8.8	9.0	9.1	9.0	8.7
Registered time .....	5.6	5.6	5.8	5.9	5.9	5.9	6.0	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.5

<sup>1</sup> 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. 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 September 1999.)

**Table 306.—Statistical profile of persons receiving doctor's degrees in the humanities: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>3,863</b>	<b>3,745</b>	<b>3,428</b>	<b>3,461</b>	<b>3,500</b>	<b>3,555</b>	<b>3,552</b>	<b>3,822</b>	<b>4,099</b>	<b>4,444</b>	<b>4,482</b>	<b>4,744</b>	<b>5,061</b>	<b>5,116</b>	<b>5,387</b>
Sex (percent)															
Men .....	60.4	58.7	56.6	54.8	55.1	55.7	54.5	54.4	53.5	53.7	52.5	52.3	51.7	50.3	51.5
Women .....	39.6	41.3	43.4	45.2	44.9	44.3	45.5	45.6	46.5	46.3	47.5	47.7	48.3	49.7	47.7
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.3	0.4	0.3	0.2	0.4	0.2	0.2	0.3	0.3	0.5	0.3	0.6	0.4	0.5	0.5
Asian .....	2.0	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	4.8
Black .....	3.0	2.9	2.6	2.9	2.9	3.0	2.9	2.3	3.0	2.7	3.0	2.9	2.9	3.1	3.5
Hispanic .....	3.0	3.2	3.8	3.5	4.3	3.9	3.8	4.2	4.3	3.9	4.2	4.4	3.8	4.3	4.8
White .....	91.6	91.7	91.1	91.6	90.3	90.5	90.2	90.9	89.9	89.9	88.9	87.5	87.8	87.0	86.4
Citizenship (percent)															
United States .....	87.3	85.7	83.1	78.8	78.0	78.4	76.4	78.3	77.0	77.7	78.3	78.3	78.6	77.4	76.5
Foreign .....	8.8	10.2	12.1	13.7	14.3	14.4	15.5	15.2	18.3	19.2	18.7	19.9	19.4	19.6	16.1
Unknown .....	3.9	4.1	4.8	7.4	7.7	7.1	8.1	6.5	4.7	3.2	3.0	1.8	1.9	3.0	7.4
Median age at doctorate (years) .....	33.4	33.5	34.7	35.0	35.0	35.4	35.7	35.7	35.8	35.6	35.6	35.7	35.4	35.2	35.2
Percent with bachelor's degree in same field as doctorate .....	64.2	61.0	58.8	58.2	58.5	56.7	55.5	57.1	57.7	56.5	56.4	57.4	56.6	55.8	46.1
Median time lapse from bachelor's to doctorate (years)															
Total time .....	10.6	10.8	11.7	12.1	12.0	12.2	12.5	12.2	12.3	12.0	11.9	12.0	12.0	11.8	11.7
Registered time .....	7.7	7.7	8.3	8.2	8.4	8.5	8.4	8.3	8.4	8.3	8.3	8.5	8.4	8.3	8.6

<sup>1</sup> 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. Includes Amer-

ican studies, archeology, art history, classics, comparative literature, history, letters, linguistics, music, philosophy, religion, speech and rhetorical studies, and theatre. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. 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 September 1999.)

**Table 307.—Statistical profile of persons receiving doctor's degrees in the life sciences: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>5,325</b>	<b>5,461</b>	<b>5,748</b>	<b>5,734</b>	<b>5,754</b>	<b>6,164</b>	<b>6,342</b>	<b>6,605</b>	<b>6,933</b>	<b>7,115</b>	<b>7,395</b>	<b>7,739</b>	<b>7,918</b>	<b>8,255</b>	<b>8,213</b>
Sex (percent)															
Men .....	74.8	73.6	67.7	66.0	64.8	63.2	61.8	62.6	61.4	60.7	58.3	58.4	57.9	56.5	54.6
Women .....	25.2	26.4	32.3	34.0	35.2	36.8	38.2	37.4	38.6	39.3	41.7	41.6	42.1	43.5	44.7
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.2	0.2	0.4	0.5	0.4	0.4	0.3	0.2	0.4	0.4	0.3	0.4	0.5	0.5	0.3
Asian .....	5.3	4.8	4.7	4.9	5.7	5.0	5.3	5.6	6.6	7.1	8.7	15.7	18.5	17.9	15.3
Black .....	1.6	1.9	2.1	1.9	2.5	2.2	2.1	1.9	2.4	2.3	2.9	2.6	3.1	2.9	3.4
Hispanic .....	1.1	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	3.5
White .....	91.8	91.7	90.8	90.5	89.4	90.0	90.1	89.6	88.0	87.3	85.1	78.2	74.9	75.5	77.5
Citizenship (percent)															
United States .....	80.4	80.3	77.1	75.9	73.5	71.3	71.1	68.0	66.8	65.7	65.3	64.0	63.1	60.7	62.0
Foreign .....	17.6	17.1	19.3	18.8	20.5	22.2	22.1	26.3	29.1	31.8	32.6	34.9	35.2	37.0	31.7
Unknown .....	2.0	2.6	3.6	5.3	6.1	6.4	6.9	5.6	4.0	2.5	2.2	1.1	1.7	2.2	6.3
Median age at doctorate (years) .....	30.0	30.1	31.3	31.6	31.7	31.9	32.2	32.3	32.4	32.7	32.5	32.7	32.4	32.5	32.3
Percent with bachelor's degree in same field as doctorate .....	40.9	40.7	58.3	57.1	55.6	55.4	53.4	53.8	54.1	53.5	51.9	51.0	50.8	49.2	46.9
Median time lapse from bachelor's to doctorate (years)															
Total time .....	7.3	7.3	8.4	8.7	8.7	8.9	9.1	9.1	9.1	9.4	9.4	9.5	9.5	9.6	9.2
Registered time .....	5.8	5.9	6.3	6.4	6.5	6.5	6.5	6.7	6.7	6.7	6.8	7.0	7.0	7.0	7.0

<sup>1</sup> 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). Includes agricultural, biological, and health sciences. The number of degrees

also differs slightly from that reported in the NCES "Completions" survey. 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 September 1999.)



**Table 308.—Statistical profile of persons receiving doctor's degrees in the physical sciences: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>3,151</b>	<b>3,208</b>	<b>3,531</b>	<b>3,679</b>	<b>3,840</b>	<b>4,045</b>	<b>3,984</b>	<b>4,262</b>	<b>4,441</b>	<b>4,575</b>	<b>4,470</b>	<b>4,799</b>	<b>4,618</b>	<b>4,632</b>	<b>4,573</b>
Sex (percent)															
Men .....	87.7	88.7	83.7	83.6	83.3	82.6	80.9	81.2	81.0	79.1	78.9	79.0	77.3	78.1	77.2
Women .....	12.3	11.3	16.3	16.4	16.7	17.4	19.2	18.8	19.0	20.9	21.1	21.0	22.7	21.9	22.8
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.2	0.1	0.1	0.2	0.3	0.3	0.6	0.1	0.5	0.5	0.3	0.2	0.3	0.3	0.4
Asian .....	7.7	6.9	6.9	7.1	7.0	5.7	6.7	6.6	6.6	8.9	10.2	20.8	25.3	18.9	16.1
Black .....	1.0	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	2.0
Hispanic .....	1.1	1.3	1.7	2.1	2.4	2.6	2.6	3.1	2.9	3.2	3.4	2.6	2.5	2.8	2.6
White .....	90.0	90.5	90.1	89.5	89.3	90.1	88.8	89.3	88.8	86.4	84.5	74.8	70.6	76.0	78.9
Citizenship (percent)															
United States .....	75.9	75.4	70.3	66.1	65.1	64.3	62.5	61.0	59.3	57.9	57.1	56.3	56.7	54.7	57.5
Foreign .....	21.6	21.3	25.5	27.8	28.5	28.8	29.8	32.4	35.9	39.6	39.7	41.7	41.7	41.8	36.3
Unknown .....	2.4	3.3	4.1	6.1	6.4	6.9	7.8	6.7	4.8	2.5	3.2	2.1	1.8	3.5	6.2
Median age at doctorate (years) .....	29.1	29.0	29.5	29.9	29.8	30.1	30.0	30.7	30.2	30.3	30.6	30.7	30.7	30.8	30.4
Percent with bachelor's degree in same field as doctorate .....	76.5	76.6	75.0	73.4	72.6	72.6	72.6	80.0	76.9	74.5	72.9	73.0	70.8	74.3	65.4
Median time lapse from bachelor's to doctorate (years)															
Total time .....	6.8	6.7	7.1	7.1	7.1	7.2	7.2	7.8	7.5	7.8	8.0	8.2	8.1	8.0	7.5
Registered time .....	5.7	5.7	6.0	6.0	5.9	6.1	6.0	6.3	6.2	6.4	6.4	6.6	6.8	6.6	6.6

<sup>1</sup> 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). Includes physics, astronomy, chemistry, and earth, atmospheric, and marine

sciences. Excludes mathematics and computer science. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. Some data have been revised from previously published figures. Percents may not add to 100 due to rounding.

SOURCE: National Academy of Sciences, National Research Council, Office of Scientific and Engineering Personnel, *Doctorate Records File*. (This table was prepared September 1999.)

**Table 309.—Statistical profile of persons receiving doctor's degrees in the social sciences: 1979–80 to 1996–97**

Item	1979–80	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
<b>Number of doctorates</b>	<b>6,253</b>	<b>6,505</b>	<b>5,720</b>	<b>5,893</b>	<b>5,790</b>	<b>5,781</b>	<b>5,961</b>	<b>6,093</b>	<b>6,152</b>	<b>6,216</b>	<b>6,545</b>	<b>6,613</b>	<b>6,635</b>	<b>6,814</b>	<b>6,917</b>
Sex (percent)															
Men .....	65.4	64.4	58.9	57.6	57.2	55.0	54.8	53.7	50.6	52.6	50.7	50.6	49.2	48.4	46.9
Women .....	34.6	35.6	41.1	42.4	42.8	45.0	45.2	46.3	49.4	47.4	49.3	49.4	50.8	51.6	52.2
Racial/ethnic group (percent) <sup>1</sup>															
American Indian .....	0.3	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	0.5
Asian .....	2.8	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	6.2
Black .....	4.2	4.0	4.4	4.1	3.8	4.4	4.4	4.4	4.9	4.5	4.7	4.7	5.2	5.0	5.5
Hispanic .....	2.0	2.3	2.9	3.3	3.6	3.3	3.3	3.9	4.2	3.8	4.1	3.6	4.2	4.6	4.8
White .....	90.7	91.0	89.8	89.7	89.0	88.8	88.7	88.2	87.2	87.7	86.9	85.0	82.8	83.3	82.9
Citizenship (percent)															
United States .....	84.7	84.0	79.3	77.9	76.1	74.8	70.4	73.8	73.4	74.3	75.5	75.5	76.0	76.2	72.5
Foreign .....	11.6	11.9	15.3	15.3	15.7	16.1	17.3	18.0	19.8	21.2	21.3	21.7	21.4	20.7	17.8
Unknown .....	3.7	4.2	5.4	6.9	8.3	9.1	12.2	8.2	6.8	4.4	3.1	2.8	2.6	3.1	9.7
Median age at doctorate (years) .....	31.6	32.0	33.0	33.4	33.5	34.1	33.9	34.2	34.1	34.3	34.3	34.1	34.1	33.7	33.4
Percent with bachelor's degree in same field as doctorate .....	58.6	59.1	58.5	57.0	56.4	54.5	52.3	55.4	54.2	53.1	53.7	53.2	52.2	53.4	55.2
Median time lapse from bachelor's to doctorate (years)															
Total time .....	8.7	9.0	9.9	10.0	10.3	10.5	10.3	10.6	10.5	10.6	10.4	10.5	10.5	10.3	10.0
Registered time .....	6.4	6.5	7.1	7.2	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.4	7.5

<sup>1</sup> 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. Includes anthropology, area studies, criminology, demographic/population studies, economics, econo-

metrics, geography, international relations/ affairs, political science, public policy, psychology, sociology, statistics, and urban affairs/studies. The number of degrees also differs slightly from that reported in the NCES "Completions" survey. 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 September 1999.)

Table 310.—Doctor's degrees conferred by 60 large institutions of higher education: 1987–88 to 1996–97

Institution	Rank order <sup>1</sup>	Total, 1987–88 to 1996–97	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
<b>United States, all institutions</b> .....	—	<b>397,370</b>	<b>34,870</b>	<b>35,720</b>	<b>38,371</b>	<b>39,294</b>	<b>40,659</b>	<b>42,132</b>	<b>43,185</b>	<b>44,446</b>	<b>44,652</b>	<b>45,876</b>
Total, 60 large institutions .....	—	233,971	20,447	21,074	22,201	22,956	23,520	24,141	24,701	25,015	24,873	25,043
University of California, Berkeley .....	1	8,041	742	838	800	800	798	810	896	828	770	759
University of Wisconsin, Madison .....	2	7,208	684	667	717	708	680	676	783	758	753	782
University of Illinois at Urbana .....	3	7,077	646	647	707	737	775	705	666	761	698	735
The University of Texas at Austin .....	4	6,856	588	583	647	710	671	686	714	727	744	786
Ohio State University, Main Campus .....	5	6,601	542	608	604	644	671	685	710	699	717	721
University of Minnesota, Twin Cities .....	6	6,546	527	543	633	706	651	627	707	685	763	704
University of Michigan, Ann Arbor .....	7	6,354	564	527	583	661	676	654	649	714	691	635
Columbia University in the City of New York .....	8	6,214	567	615	723	802	630	687	644	660	404	482
University of California, Los Angeles .....	9	5,863	508	459	558	558	613	657	620	663	611	616
Stanford University .....	10	5,595	560	540	532	487	569	581	560	574	585	607
Harvard University .....	11	5,222	465	461	505	505	501	540	538	556	528	623
Cornell University <sup>2</sup> .....	12	5,200	454	481	555	531	540	520	593	525	516	485
Massachusetts Institute of Technology .....	13	5,141	516	492	509	497	514	516	508	521	554	514
Texas A & M University .....	14	4,885	382	420	411	446	472	496	579	564	574	541
Pennsylvania State University, Main Campus .....	15	4,818	379	417	420	463	541	495	507	563	510	523
University of Maryland, College Park Campus .....	16	4,653	364	393	468	453	506	490	528	480	466	505
Purdue University, Main Campus .....	16	4,653	366	420	467	430	478	504	493	509	508	478
University of Pennsylvania .....	18	4,587	319	414	462	495	477	506	488	539	447	440
University of Washington .....	19	4,481	392	403	457	459	396	416	455	482	495	526
Michigan State University .....	20	4,310	427	434	432	397	476	401	429	419	484	411
University of Southern California .....	21	4,282	354	429	429	359	355	415	415	539	539	448
New York University .....	22	3,908	421	376	392	392	404	404	391	380	356	392
Nova Southeastern University .....	23	3,889	292	306	316	290	336	433	485	450	447	534
University of Florida .....	24	3,834	315	342	366	370	364	372	442	400	434	429
Rutgers University, New Brunswick .....	25	3,715	311	327	342	326	402	376	400	405	416	410
University of Arizona .....	26	3,701	290	326	311	382	352	373	442	396	384	445
Virginia Polytechnic Institute and State University .....	27	3,527	287	303	342	332	366	369	379	361	378	410
University of Pittsburgh, Main Campus .....	28	3,517	390	367	337	344	343	333	334	324	358	387
Indiana University, Bloomington .....	29	3,512	319	313	321	342	398	348	348	383	374	366
University of North Carolina at Chapel Hill .....	30	3,493	301	299	337	336	338	388	373	369	365	387
University of Chicago .....	31	3,454	318	310	335	317	322	346	395	366	381	364
Northwestern University .....	32	3,416	313	358	327	308	351	363	305	375	359	357
University of Massachusetts, Amherst .....	32	3,416	281	329	362	400	409	370	338	307	338	282
University of Iowa .....	34	3,392	312	287	299	360	380	331	342	340	377	364
Yale University .....	35	3,389	290	317	312	344	347	369	348	366	367	329
University of Georgia .....	36	3,306	316	340	313	332	331	352	309	342	343	328
University of California, Davis .....	37	2,977	238	221	258	258	284	306	323	341	397	351
State University of New York at Buffalo .....	38	2,961	240	274	249	265	290	320	345	318	346	314
University of Virginia, Main Campus .....	39	2,920	229	242	253	291	291	315	294	312	325	368
Iowa State University .....	40	2,911	309	257	282	297	277	322	307	318	287	255
City University of New York Graduate School and University Center .....	41	2,829	258	225	259	320	257	318	286	294	302	310
Boston University .....	42	2,824	245	304	277	258	280	271	289	315	309	276
Johns Hopkins University .....	43	2,819	267	229	240	285	297	318	262	271	321	329
North Carolina State University at Raleigh .....	44	2,818	239	224	294	256	279	283	300	304	325	314
Temple University .....	45	2,815	277	285	249	251	282	282	287	315	281	306
University of Colorado at Boulder .....	46	2,741	231	221	248	263	249	299	306	299	297	328
Florida State University .....	47	2,698	250	246	249	257	286	262	274	295	273	306
Princeton University .....	48	2,633	269	227	240	244	255	249	267	300	286	296
University of Tennessee, Knoxville .....	49	2,422	217	209	214	214	260	249	226	257	281	295
Arizona State University, Main Campus .....	50	2,414	158	194	191	227	222	270	258	305	315	274
University of Missouri, Columbia .....	51	2,413	227	236	236	212	258	260	253	219	248	264
University of South Carolina at Columbia .....	52	2,412	191	169	215	248	242	281	288	237	267	274
State University of New York at Stony Brook .....	53	2,387	196	190	200	248	225	283	268	241	261	275
University of California, San Diego .....	54	2,351	186	189	185	185	227	280	285	274	259	281
University of Cincinnati, Main Campus .....	55	2,322	188	182	213	231	220	226	273	264	227	298
University of Nebraska at Lincoln .....	56	2,314	233	236	217	202	212	221	227	229	261	276
Wayne State University .....	57	2,271	137	193	178	290	222	299	263	220	230	239
University of Connecticut .....	58	2,249	180	198	217	228	206	216	246	265	239	254
University of Kansas, Main Campus .....	59	2,220	213	224	180	209	235	193	225	250	243	248
University of Rochester .....	60	2,194	167	208	226	194	231	224	236	242	259	207

<sup>1</sup> Institutions are ranked by the total number of doctor's degrees conferred during the 10-year period ending June 30, 1997.

<sup>2</sup> Includes degrees conferred by the Endowed and Statutory Colleges.  
—Not applicable.

NOTE.—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.).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), "Completions" surveys. (This table was prepared August 1999.)

**Table 311.—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
<b>Total</b> .....	<b>100.0</b>	<b>5.8</b>	<b>51.5</b>	<b>11.0</b>	<b>7.9</b>	<b>20.0</b>	<b>2.7</b>	<b>0.9</b>	<b>0.2</b>
<b>Sex</b>									
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
<b>Race/ethnicity</b>									
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	—	—
<b>Socioeconomic status (1980)</b>									
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
<b>Test score composite (1982)</b>									
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
<b>Parents' educational attainment in 1980</b>									
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
<b>High school diploma status</b>									
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	—	—
<b>Postsecondary expectations in 1982</b>									
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
<b>Type of start in postsecondary education</b>									
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 312.—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										
<b>Mean, all majors</b> .....	<b>124.0</b>	<b>7.8</b>	<b>1.0</b>	<b>9.7</b>	<b>2.3</b>	<b>7.4</b>	<b>7.6</b>	<b>9.0</b>	<b>30.3</b>	<b>48.8</b>
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										
<b>Mean, all majors</b> .....	<b>123.5</b>	<b>12.8</b>	<b>3.3</b>	<b>6.2</b>	<b>4.6</b>	<b>8.4</b>	<b>5.3</b>	<b>8.1</b>	<b>27.5</b>	<b>47.2</b>
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										
<b>Mean, all majors</b> .....	<b>126.5</b>	<b>12.8</b>	<b>3.0</b>	<b>5.7</b>	<b>3.2</b>	<b>7.3</b>	<b>6.0</b>	<b>7.6</b>	<b>29.5</b>	<b>51.7</b>
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										
<b>Mean, all majors</b> .....	<b>132.2</b>	<b>14.6</b>	<b>3.7</b>	<b>7.2</b>	<b>5.4</b>	<b>8.3</b>	<b>6.0</b>	<b>7.8</b>	<b>27.3</b>	<b>52.0</b>
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 313.—Percent of colleges and universities using various selection criteria for admission, by type and control of institution: 1990–91 to 1998–99**

Type and control of institution	All institutions			Public institutions			All private institutions								
	Total	4-year	2-year	Total	4-year	2-year	Total	4-year	2-year	Nonprofit			Proprietary		
										Total	4-year	2-year	Total	4-year	2-year
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>High school diploma</b>															
1990–91	91.6	94.2	88.3	88.9	96.0	84.9	94.1	93.4	96.0	93.7	93.4	95.6	95.7	92.9	96.3
1995–96	91.4	93.9	88.1	88.2	95.8	84.1	94.3	93.1	98.3	93.4	92.7	97.8	98.5	98.0	98.7
1996–97 <sup>1</sup>	92.3	94.5	89.8	88.2	96.1	84.0	95.6	93.9	99.4	94.2	93.5	98.9	99.2	97.6	99.6
1997–98 <sup>1</sup>	92.3	94.6	89.7	88.2	96.5	83.8	95.6	93.9	99.4	94.2	93.6	98.9	98.9	96.5	99.6
1998–99 <sup>1</sup>	92.4	94.9	89.4	88.2	97.0	83.6	95.6	94.1	99.1	94.3	93.7	98.8	98.6	97.0	99.2
<b>High school class class standing</b>															
1990–91	43.4	66.1	13.5	31.7	69.5	10.3	53.7	64.7	20.7	63.6	67.2	35.8	11.7	10.7	11.9
1995–96	42.8	65.0	12.8	30.6	71.4	8.4	53.7	62.4	24.0	63.0	66.6	37.5	11.8	8.8	13.2
1996–97 <sup>1</sup>	39.0	64.2	10.5	29.0	70.1	7.5	47.1	61.9	15.5	62.5	66.9	31.7	9.3	9.7	9.2
1997–98 <sup>1</sup>	38.5	63.3	10.0	28.8	69.9	7.4	46.2	60.6	14.5	62.1	66.3	31.6	8.5	9.8	8.1
1998–99 <sup>1</sup>	38.1	62.5	9.1	28.2	68.9	6.6	45.7	60.0	13.4	62.4	66.5	29.9	8.2	9.6	7.7
<b>Admissions test scores</b>															
1990–91	68.8	86.5	45.6	59.2	93.1	40.0	77.3	83.7	58.3	82.6	85.4	61.0	54.9	46.4	56.7
1995–96	68.3	84.3	46.7	58.7	93.1	40.0	76.8	80.7	63.6	80.4	82.6	64.7	60.9	56.9	62.7
1996–97 <sup>1</sup>	67.2	84.6	47.6	57.3	92.4	38.9	75.2	81.4	62.1	81.1	83.6	63.4	60.8	58.1	61.5
1997–98 <sup>1</sup>	66.9	83.7	47.4	57.2	92.4	38.7	74.5	80.3	61.8	80.7	82.8	65.5	59.9	58.0	60.4
1998–99 <sup>1</sup>	67.9	84.1	48.6	58.4	92.2	40.4	75.2	81.0	62.1	81.7	83.7	65.9	60.6	59.9	60.8
<b>TOEFL or equivalent</b>															
1990–91	73.5	85.0	58.4	76.1	88.2	69.3	71.1	83.7	33.6	81.4	84.5	57.2	27.6	66.1	19.6
1995–96	76.5	87.1	62.3	77.5	91.5	69.8	75.7	85.2	43.2	81.9	85.6	55.4	47.9	80.4	33.3
1996–97 <sup>1</sup>	72.3	87.1	55.5	76.7	91.2	69.1	68.8	85.5	32.9	82.9	86.9	55.2	34.0	71.0	24.1
1997–98 <sup>1</sup>	71.8	86.5	54.8	76.5	91.9	68.4	68.0	84.4	32.3	82.4	86.1	55.4	34.0	68.5	23.8
1998–99 <sup>1</sup>	73.1	87.0	56.7	78.8	91.7	72.0	68.6	85.1	31.4	83.4	87.0	54.9	35.5	70.7	23.3
<b>Residence</b>															
1990–91	10.2	8.4	12.6	20.3	24.9	17.7	1.3	1.4	0.9	1.4	1.5	1.3	0.6	0.0	0.7
1995–96	10.4	8.2	13.4	20.8	25.4	18.3	1.1	1.1	1.0	1.2	1.2	1.1	0.9	1.0	0.9
1996–97 <sup>1</sup>	9.4	8.2	10.7	19.6	25.0	16.7	1.2	1.4	0.8	1.4	1.5	1.1	0.7	0.8	0.6
1997–98 <sup>1</sup>	9.3	8.2	10.7	19.7	25.4	16.7	1.1	1.4	0.6	1.4	1.4	1.1	0.6	1.4	0.4
1998–99 <sup>1</sup>	8.9	7.8	10.2	19.1	24.9	16.0	0.9	1.1	0.5	1.2	1.2	0.6	0.3	1.0	0.4
<b>Ability to benefit</b>															
1990–91	51.5	48.0	56.0	47.1	32.5	55.4	55.3	54.6	57.3	56.1	55.9	57.2	51.8	25.0	57.4
1995–96	51.1	48.8	54.2	52.0	34.3	61.6	50.3	54.7	35.7	55.9	57.3	45.7	25.5	20.6	27.6
1996–97 <sup>1</sup>	49.1	48.3	50.0	52.1	34.3	61.3	46.8	54.0	31.2	55.8	57.8	42.1	24.5	15.3	26.9
1997–98 <sup>1</sup>	48.8	47.9	49.8	52.1	34.3	61.4	46.2	53.3	30.7	55.5	57.4	41.8	24.2	16.1	26.7
1998–99 <sup>1</sup>	48.7	48.2	49.2	52.6	34.6	62.1	45.6	53.5	27.8	56.2	58.0	42.1	21.8	18.6	22.9
<b>Age</b>															
1990–91	15.8	6.6	27.9	26.0	10.5	34.7	6.8	5.0	12.4	5.0	4.4	9.4	14.7	17.9	14.1
1995–96	16.2	6.1	29.7	27.3	9.4	37.1	6.3	4.8	11.2	4.3	3.6	8.7	15.2	19.6	13.2
1996–97 <sup>1</sup>	16.9	6.2	28.9	27.7	8.8	37.6	8.1	5.1	14.4	4.0	3.4	8.2	18.2	23.4	16.9
1997–98 <sup>1</sup>	17.1	6.4	29.4	28.1	8.8	38.2	8.4	5.4	14.9	3.9	3.4	7.9	18.9	23.8	17.5
1998–99 <sup>1</sup>	17.0	6.1	29.9	28.2	6.9	39.5	8.3	5.8	14.1	3.8	3.3	7.9	18.5	25.1	16.3
<b>Open admission</b>															
1990–91	5.8	1.0	12.0	10.8	1.8	15.9	1.3	0.7	3.3	1.2	0.7	5.0	2.1	1.8	2.2
1995–96	18.2	4.4	36.9	33.4	6.2	48.2	4.8	3.7	8.3	5.1	4.0	12.5	3.3	0.0	4.8
1996–97 <sup>1</sup>	19.1	4.7	35.4	37.2	6.5	53.3	4.4	3.9	5.5	5.0	4.2	10.4	3.0	0.8	3.6
1997–98 <sup>1</sup>	19.0	4.7	35.4	37.5	6.5	53.6	4.4	4.0	5.3	5.0	4.3	9.6	3.0	0.7	3.8
1998–99 <sup>1</sup>	20.8	5.1	39.4	41.5	6.7	60.0	4.7	4.5	5.3	4.9	4.4	8.5	4.3	4.8	4.2

<sup>1</sup> Data are for 4-year and 2-year degree-granting 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), "Institutional Characteristics" surveys. (This table was prepared September 1999.)

**Table 314.—Percent of colleges and universities offering remedial services, by type and control of institution: 1987–88 to 1997–98**

Type and control of institution	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96	1996–97	1997–98 <sup>1</sup>	Change in percentage points	
												1987–88 to 1996–97	1996–97 to 1997–98
												2	3
<b>Total</b>	<b>72.7</b>	<b>74.9</b>	<b>76.6</b>	<b>77.7</b>	<b>78.6</b>	<b>78.5</b>	<b>79.0</b>	<b>79.8</b>	<b>79.5</b>	<b>80.0</b>	<b>76.7</b>	<b>7.3</b>	—
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	—	—

<sup>1</sup> 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.

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.)

**Table 315.—Percentage 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
<b>Total</b> .....	<b>38.4</b>	<b>13.8</b>	<b>18.6</b>	<b>6.1</b>	<b>13.6</b>	<b>48.0</b>	<b>60.4</b>	<b>2.9</b>	<b>4.2</b>	<b>53.3</b>	<b>15.2</b>	<b>24.4</b>
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 <sup>1</sup> .....	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 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	—	—	—	—	—	—

<sup>1</sup> 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 Students Longitudinal Study, 1994. (This table was prepared February 1999.)

NOTE.—Data reflect completion and enrollment status by spring 1994 of first-time postsecondary students starting in academic year 1989–90. Some cells in this table have relatively large sampling errors.

**Table 316.—Scores on Graduate Record Examination (GRE) and subject matter tests: 1965 to 1998**

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	<sup>1</sup> 399,395	34.3	479	116	553	139	545	129	620	116	627	113	<sup>2</sup> 493	104	601	115	517	95	538	96
1995	<sup>1</sup> 389,539	33.0	477	115	553	140	544	131	622	116	675	138	<sup>2</sup> 488	102	596	113	513	96	544	98
1996	<sup>1</sup> 376,013	31.9	473	114	558	139	549	131	614	114	678	135	<sup>2</sup> 489	104	604	119	512	97	547	99
1997	<sup>1</sup> 376,062	31.9	472	113	562	139	548	129	620	115	684	143	<sup>2</sup> 487	103	602	114	525	100	554	99
1998	<sup>1</sup> 364,554	32.4	471	113	569	141	543	133	628	113	686	137	<sup>2</sup> 477	100	609	118	530	100	563	100

<sup>1</sup>Total includes examinees who received no score on one or more General Test measures.

<sup>2</sup>Data reported for 1994 through 1998 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 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 October 1999.)





**Table 317.—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 1998–99—Continued**

Year and control of institution	Total tuition, room, and board					Tuition and required fees (in-state)					Dormitory rooms					Board (7-day basis) <sup>1</sup>				
	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
1996–97 .....	6,530	7,334	7,792	7,035	4,404	2,271	2,987	3,323	2,778	1,276	2,148	2,214	2,187	2,232	1,339	2,111	2,133	2,282	2,025	1,789
1997–98 .....	6,813	7,673	8,210	7,318	4,509	2,360	3,110	3,486	2,877	1,314	2,225	2,301	2,285	2,312	1,401	2,228	2,263	2,438	2,130	1,795
1998–99 <sup>4</sup> .....	7,093	8,018	8,630	7,615	4,621	2,422	3,226	3,644	2,970	1,328	2,327	2,406	2,407	2,405	1,465	2,345	2,386	2,578	2,241	1,828
<b>Private institutions</b>																				
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 <sup>2</sup> .....	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 <sup>3</sup> .....	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 .....	18,516	19,070	24,116	17,717	12,921	12,801	13,344	17,229	12,338	7,464	2,954	2,964	3,756	2,731	2,672	2,762	2,761	3,132	2,648	2,785
1998–99 <sup>4</sup> .....	19,410	19,970	25,343	18,530	13,252	13,460	14,003	18,237	12,904	7,815	3,077	3,094	3,915	2,851	2,577	2,873	2,873	3,191	2,774	2,860

<sup>1</sup> Data for 1986–87 and later years reflect 20 meals per week rather than meals 7 days per week.

<sup>2</sup> Room and board data are estimated.

<sup>3</sup> 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.

<sup>4</sup> Preliminary data based on fall 1997 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. Data for 1997–98 and 1998–99 are for degree-granting institutions. 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 August 1999.)

**Table 318.—Average undergraduate tuition and fees and room and board rates paid by full-time-equivalent students in degree-granting institutions, by control of institution and by state: 1997–98 and 1998–99**

State or other area	Public 4-year, 1997–98		Public 4-year, 1998–99 <sup>1</sup>				Private 4-year, 1997–98		Private 4-year, 1998–99 <sup>1</sup>				Public 2-year, tuition only (in-state)	
	Total	Tuition (in-state)	Total	Tuition (in-state)	Room	Board	Total	Tuition	Total	Tuition	Room	Board	1997–98	1999–99 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
<b>United States .....</b>	<b>\$7,673</b>	<b>\$3,110</b>	<b>\$8,018</b>	<b>\$3,226</b>	<b>\$2,406</b>	<b>\$2,386</b>	<b>\$19,070</b>	<b>\$13,344</b>	<b>\$19,970</b>	<b>\$14,003</b>	<b>\$3,094</b>	<b>\$2,873</b>	<b>\$1,314</b>	<b>\$1,328</b>
Alabama .....	6,362	2,488	6,563	2,621	1,966	1,976	12,576	8,241	13,028	8,487	2,094	2,447	1,345	1,523
Alaska .....	7,133	2,611	8,378	2,769	2,734	2,875	13,537	8,716	13,009	8,449	1,859	2,700	1,900	1,968
Arizona .....	6,673	2,058	6,984	2,158	2,554	2,272	10,798	6,903	11,891	7,415	2,509	1,967	819	857
Arkansas .....	5,933	2,452	6,179	2,590	1,846	1,743	11,538	7,591	11,958	7,919	1,785	2,255	948	967
California .....	8,969	2,712	9,021	2,609	3,305	3,108	19,535	13,016	21,116	14,149	3,559	3,408	380	392
Colorado .....	7,412	2,620	7,836	2,685	2,329	2,821	18,445	12,101	19,452	12,814	3,193	3,445	1,452	1,573
Connecticut .....	9,650	4,270	9,903	4,345	2,932	2,626	25,152	18,301	26,187	19,005	3,897	3,285	1,814	1,814
Delaware .....	9,164	4,317	9,494	4,462	2,699	2,332	13,291	7,769	13,460	7,865	3,020	2,575	1,380	1,440
District of Columbia .....	—	1,910	—	2,010	—	—	—	—	16,400	24,780	17,117	4,631	3,031	—
Florida .....	6,891	1,911	7,280	2,022	2,761	2,497	16,895	11,525	18,070	12,210	2,908	2,951	1,250	1,308
Georgia .....	6,936	2,356	7,406	2,442	2,362	2,602	16,845	11,241	17,536	11,861	3,181	2,495	1,206	1,208
Hawaii .....	—	2,788	8,189	2,880	2,458	2,851	14,323	6,800	14,964	7,114	3,430	4,420	956	1,004
Idaho .....	6,075	2,202	6,321	2,380	1,731	2,210	15,207	11,693	16,056	12,185	1,635	2,237	1,106	1,185
Illinois .....	8,471	3,702	8,812	3,845	2,329	2,639	18,876	13,233	19,925	13,979	3,215	2,732	1,348	1,423
Indiana .....	8,318	3,342	8,574	3,490	2,271	2,812	18,653	13,965	19,454	14,516	2,407	2,530	2,415	2,135
Iowa .....	6,425	2,761	6,761	2,869	2,017	1,875	17,332	12,980	17,888	13,409	2,048	2,431	1,886	1,975
Kansas .....	5,985	2,314	6,225	2,392	1,793	2,039	13,755	9,677	14,183	10,107	1,826	2,250	1,289	1,344
Kentucky .....	5,988	2,327	6,217	2,516	1,652	2,049	12,810	8,600	13,248	9,082	1,980	2,186	1,238	1,226
Louisiana .....	5,551	2,278	5,879	2,379	1,656	1,844	19,008	13,412	19,961	14,221	2,925	2,815	874	966
Maine .....	8,571	3,878	8,909	4,058	2,399	2,453	24,067	18,426	25,347	19,544	2,818	2,985	2,640	2,829
Maryland .....	9,727	4,137	10,513	4,359	3,137	3,017	22,983	16,146	24,084	17,099	3,804	3,182	2,175	2,253
Massachusetts .....	8,875	3,968	9,076	4,012	2,557	2,508	25,456	18,119	26,747	19,077	4,097	3,573	2,223	2,123
Michigan .....	8,931	4,134	9,224	4,277	2,270	2,676	14,321	9,896	14,957	10,325	2,300	2,331	1,618	1,679
Minnesota .....	7,361	3,777	7,616	3,866	2,030	1,721	18,774	14,249	19,723	14,951	2,322	2,450	2,256	2,365
Mississippi .....	5,549	2,571	6,013	2,859	1,686	1,468	11,265	7,784	11,876	8,303	1,775	1,799	959	968
Missouri .....	7,472	3,389	7,719	3,550	2,306	1,864	15,642	10,779	16,370	11,265	2,500	2,604	1,311	1,411
Montana .....	6,791	2,607	7,055	2,795	2,032	2,227	12,369	8,346	12,927	8,599	1,863	2,465	1,724	1,868
Nebraska .....	6,097	2,413	6,481	2,627	1,575	2,279	14,269	10,234	14,911	10,727	2,059	2,125	1,262	1,354
Nevada .....	7,312	1,887	7,595	1,956	3,242	2,396	—	6,935	13,285	7,569	3,400	2,316	1,104	1,161
New Hampshire .....	9,848	5,197	10,535	5,753	2,916	1,865	21,268	15,750	22,239	16,473	3,365	2,401	3,170	3,740
New Jersey .....	10,247	4,567	10,974	4,951	3,495	2,528	21,609	15,081	22,719	15,930	3,541	3,249	2,035	2,056
New Mexico .....	5,909	2,073	6,426	2,180	1,937	2,309	14,027	8,943	14,937	9,857	2,410	2,670	668	648
New York .....	9,455	3,845	9,688	3,905	3,226	2,557	22,498	15,258	23,079	15,828	4,017	3,234	2,576	2,542
North Carolina .....	5,920	1,895	6,518	1,958	2,076	2,484	17,139	12,307	17,860	12,927	2,418	2,516	584	585
North Dakota .....	6,211	2,543	6,609	2,686	1,191	2,733	10,781	7,695	10,622	7,393	1,422	1,806	1,795	1,840
Ohio .....	9,050	4,014	9,444	4,258	2,700	2,486	18,631	13,569	19,867	14,151	2,801	2,915	2,392	2,451
Oklahoma .....	5,436	2,059	5,720	2,068	1,547	2,105	12,905	8,778	13,689	9,278	2,033	2,378	1,283	1,189
Oregon .....	8,454	3,493	8,748	3,561	2,213	2,974	20,723	15,542	21,574	16,160	2,628	2,786	1,571	1,634
Pennsylvania .....	9,772	5,194	10,074	5,327	2,500	2,247	21,681	15,545	22,774	16,338	3,404	3,031	2,105	2,161
Rhode Island .....	9,984	4,029	10,274	4,158	3,200	2,915	23,218	16,234	24,033	16,887	3,669	3,478	1,746	1,746
South Carolina .....	7,199	3,414	7,998	3,520	2,124	2,355	14,675	10,660	15,519	11,237	2,105	2,177	1,159	1,228
South Dakota .....	5,992	2,888	6,268	3,038	1,340	1,890	14,441	10,252	14,992	10,712	1,806	2,474	2,631	2,634
Tennessee .....	5,793	2,296	6,376	2,495	1,907	1,974	15,689	11,090	16,415	11,604	2,498	2,313	1,134	1,238
Texas .....	6,319	2,276	6,752	2,432	2,189	2,130	14,566	9,989	15,343	10,597	2,330	2,417	826	889
Utah .....	5,931	2,100	6,233	2,174	1,606	2,453	7,343	3,191	7,518	3,349	2,124	2,044	1,431	1,467
Vermont .....	11,457	6,479	12,209	6,751	3,353	2,105	23,108	17,119	23,793	17,610	3,336	2,847	2,616	2,716
Virginia .....	8,639	4,052	8,969	4,160	2,515	2,294	16,762	11,811	17,339	12,281	2,457	2,601	1,476	1,406
Washington .....	7,700	3,037	7,991	3,151	2,372	2,468	19,372	14,222	20,100	14,814	2,678	2,609	1,517	1,591
West Virginia .....	6,557	2,170	6,751	2,337	2,164	2,250	15,648	11,148	16,249	11,603	2,002	2,645	1,421	1,483
Wisconsin .....	6,421	2,960	6,732	3,113	1,960	1,659	17,881	12,905	18,593	13,435	2,257	2,902	2,059	2,120
Wyoming .....	6,450	2,326	6,830	2,330	1,758	2,742	—	—	—	—	—	—	1,154	1,237

<sup>1</sup> Preliminary data based on fall 1997 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 1997, 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 September 1999.)

**Table 319.—Average undergraduate tuition and fees and room and board rates in degree-granting institutions, by percentile distribution of students, type and control of institution: 1997–98 and 1998–99**

Type of student charge and percentile of student enrollment	Public institutions						Private institutions					
	Total		4-year		2-year		Total		4-year		2-year	
	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99	1997–98	1998–99
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Tuition, room, and board</b>												
10th percentile .....	\$4,923	\$5,185	\$5,535	\$5,930	\$2,980	\$3,083	\$11,677	\$12,228	\$12,119	\$12,612	\$5,726	\$5,916
25th percentile .....	6,069	6,327	6,285	6,630	3,407	3,613	15,082	15,720	15,305	15,800	6,370	7,169
Median (50th percentile) .....	7,126	7,565	7,420	7,735	4,163	4,361	19,359	20,289	19,516	20,385	12,310	13,030
75th percentile .....	8,762	9,097	8,919	9,326	5,130	5,427	24,063	25,062	24,072	25,314	18,464	19,130
90th percentile .....	10,343	10,744	10,512	10,746	6,338	6,395	28,821	30,224	28,821	30,234	32,390	21,035
<b>Tuition</b>												
10th percentile .....	696	682	1,926	1,934	405	360	6,245	6,440	6,840	7,092	4,746	4,960
25th percentile .....	1,404	1,440	2,139	2,245	740	720	8,720	9,100	9,478	9,950	6,000	6,285
Median (50th percentile) .....	2,139	2,208	2,866	3,009	1,275	1,330	12,464	13,300	13,165	13,818	7,105	7,501
75th percentile .....	3,192	3,214	3,929	3,992	1,723	1,764	16,300	17,067	16,511	17,662	8,988	9,321
90th percentile .....	4,206	4,277	4,460	4,699	2,340	2,374	21,210	22,120	21,360	22,422	10,800	11,680

NOTE.—Data are for the entire academic year and are average charges paid by students. Student charges were weighted by the number of full-time-equivalent undergraduates, but were not adjusted to reflect student residency. The data have not been adjusted for changes in the purchasing power of the dollar. Data for 1998–99 are preliminary figures based on fall 1997 enrollment.

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 October 1999.)

**Table 320.—Average graduate and first-professional tuition and required fees in degree-granting institutions: 1987–88 to 1998–99**

Year	Average full-time graduate tuition	Average full-time first-professional tuition									
		Chiropractic	Dentistry	Medicine	Optometry	Osteopathic medicine	Pharmacy	Podiatry	Veterinary medicine	Law	Theology
1	2	3	4	5	6	7	8	9	10	11	12
<b>All institutions</b>											
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 .....	7,111	12,721	16,585	15,481	12,250	17,888	9,207	19,056	8,668	14,081	6,558
1997–98 <sup>1</sup> .....	7,246	13,197	17,630	16,138	12,984	18,748	9,670	19,402	9,070	14,943	6,885
1998–99 <sup>2</sup> .....	7,692	13,748	18,525	16,962	13,926	19,656	10,225	19,672	9,401	15,656	7,147
<b>Public<sup>3</sup></b>											
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 .....	3,607	—	9,434	10,057	6,561	9,932	4,884	—	7,343	6,565	—
1997–98 <sup>1</sup> .....	3,744	—	9,811	10,500	7,276	10,399	5,218	—	7,700	7,050	—
1998–99 <sup>2</sup> .....	3,899	—	10,222	11,064	7,554	10,765	5,648	—	7,993	7,431	—
<b>Private</b>											
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 .....	12,537	12,721	26,618	24,242	15,949	20,714	15,934	19,056	19,526	18,276	6,558
1997–98 <sup>1</sup> .....	12,774	13,197	29,578	25,377	16,696	21,713	16,661	19,402	20,291	19,348	6,885
1998–99 <sup>2</sup> .....	13,494	13,748	31,212	26,489	18,068	22,813	17,348	19,672	20,936	20,274	7,147

<sup>1</sup> Preliminary first-professional figures based on 1996–97 graduates.  
<sup>2</sup> Preliminary graduate figures based on fall 1997 data and first-professional figures based on 1996–97 graduates. Data for degree-granting institutions.  
<sup>3</sup> 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 August 1999.)

**Table 321.—Percent of undergraduates receiving financial aid, by type and source of aid and selected student characteristics: 1995–96**

Selected student characteristics	Enrollment of undergraduates, <sup>1</sup> in thousands	Any aid			Grants			Loans			Work study	Other		
		Total <sup>2</sup>	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total <sup>3</sup>	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														
<b>All undergraduates .....</b>	<b>16,677</b>	<b>49.7</b>	<b>36.6</b>	<b>32.0</b>	<b>39.0</b>	<b>21.9</b>	<b>27.6</b>	<b>25.6</b>	<b>25.3</b>	<b>1.1</b>	<b>5.0</b>	<b>7.4</b>	<b>2.4</b>	<b>4.8</b>
<b>Sex</b>														
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
<b>Race/ethnicity</b>														
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
<b>Age</b>														
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
<b>Marital status</b>														
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 <sup>4</sup> .....	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
<b>Attendance status</b>														
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
<b>Dependency status</b>														
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
<b>Housing status</b>														
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

<sup>1</sup> Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.

<sup>2</sup> Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>3</sup> Details on federal and nonfederal work study participants are not available.

<sup>4</sup> 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 322.—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, <sup>1</sup> in thousands	Any aid			Grants			Loans			Work study	Other		
		Total <sup>2</sup>	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total <sup>3</sup>	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

<sup>1</sup> Numbers of undergraduates may not equal figures reported in other tables, since these data are based on a sample survey. Includes all postsecondary institutions.

<sup>2</sup> Includes students who reported they were awarded aid, but did not specify the source or type of aid.

<sup>3</sup> Details on federal and nonfederal work study participants are not available.

<sup>4</sup> 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 323.—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, <sup>1</sup> in thousands	Cumulative amount borrowed for undergraduate education	Aid status, 1995–96, in percents					
			Nonaided	Receiving aid, by source				
				Any aid <sup>2</sup>	Federal	State	Institutional	Other <sup>2</sup>
1	2	3	4	5	6	7	8	9
Full-time students <sup>3</sup>								
<b>All institutions .....</b>	<b>6,306</b>	<b>\$7,747</b>	<b>31.6</b>	<b>68.4</b>	<b>55.6</b>	<b>19.8</b>	<b>27.7</b>	<b>10.9</b>
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 <sup>3</sup>								
<b>All institutions .....</b>	<b>10,157</b>	<b>\$5,672</b>	<b>61.8</b>	<b>38.3</b>	<b>24.8</b>	<b>6.5</b>	<b>8.9</b>	<b>5.4</b>
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

<sup>1</sup> 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.

<sup>2</sup> Includes students who reported that they were awarded aid but did not specify the source of the aid.

<sup>3</sup> 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 324.—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, <sup>1</sup> in thousands	Percent receiving aid, by type and source													
		Any aid			Grants			Loans			Work-study		Other		
		Total <sup>2</sup>	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal	Non-federal	Total	Federal <sup>3</sup>	Total	Federal	Non-federal
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Full-time students, <sup>4</sup> 1992–93															
<b>All institutions .....</b>	<b>6,000</b>	<b>57.9</b>	<b>45.6</b>	<b>37.9</b>	<b>48.1</b>	<b>29.4</b>	<b>34.0</b>	<b>33.6</b>	<b>32.7</b>	<b>2.7</b>	<b>10.2</b>	<b>6.8</b>	<b>9.5</b>	<b>5.2</b>	<b>4.6</b>
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, <sup>4</sup> 1995–96															
<b>All institutions .....</b>	<b>6,306</b>	<b>68.4</b>	<b>55.6</b>	<b>45.7</b>	<b>54.1</b>	<b>30.6</b>	<b>41.0</b>	<b>43.7</b>	<b>43.2</b>	<b>1.7</b>	<b>11.0</b>	<b>9.0</b>	<b>10.9</b>	<b>5.0</b>	<b>5.9</b>
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, <sup>4</sup> 1995–96															
<b>All institutions .....</b>	<b>10,157</b>	<b>38.3</b>	<b>24.8</b>	<b>24.0</b>	<b>29.9</b>	<b>16.6</b>	<b>19.7</b>	<b>14.4</b>	<b>14.1</b>	<b>0.7</b>	<b>1.4</b>	<b>1.1</b>	<b>5.4</b>	<b>0.8</b>	<b>4.3</b>
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

<sup>1</sup> 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.

<sup>2</sup> Includes students who reported they were awarded aid but did not specify the source of aid.

<sup>3</sup> Details on nonfederal work study participants are not available.

<sup>4</sup> 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 325.—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, <sup>1</sup> in thousands	Percent receiving federal aid in 1995–96, by type							
		Any federal aid	Selected Title IV programs <sup>2</sup>						
			Any Title IV aid	Pell	SEOG <sup>3</sup>	CWS <sup>4</sup>	Perkins <sup>5</sup>	Stafford <sup>6</sup>	Plus <sup>7</sup>
1	2	3	4	5	6	7	8	9	10
<b>Full-time students <sup>8</sup></b>									
<b>All institutions .....</b>	<b>6,306</b>	<b>55.6</b>	<b>54.7</b>	<b>30.1</b>	<b>9.1</b>	<b>9.0</b>	<b>7.6</b>	<b>42.2</b>	<b>5.0</b>
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
<b>Part-time students <sup>8</sup></b>									
<b>All institutions .....</b>	<b>10,157</b>	<b>24.8</b>	<b>23.8</b>	<b>16.4</b>	<b>3.3</b>	<b>1.1</b>	<b>1.4</b>	<b>13.8</b>	<b>0.8</b>
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

<sup>1</sup> 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.

<sup>2</sup> Title IV of the Higher Education Act.

<sup>3</sup> Supplemental Educational Opportunity Grants.

<sup>4</sup> 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.

<sup>5</sup> Formerly National Direct Student Loans (NDSL).

<sup>6</sup> Formerly Guaranteed Student Loans (GSL).

<sup>7</sup> Parent loans for Undergraduate Students.

<sup>8</sup> 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 326.—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, <sup>1</sup> in thousands	Cumulative amount borrowed for postbaccalaureate education	Aid status in percents							
			Nonaided	Receiving aid, by source					Employer	Other <sup>3</sup>
				Any aid <sup>2</sup>	Federal	State	Institutional	Other <sup>3</sup>		
1	2	3	4	5	6	7	8	9	10	
Full-time students, <sup>4</sup> 1992–93										
<b>All institutions</b> .....	<b>673</b>	<b>\$18,572</b>	<b>31.9</b>	<b>68.1</b>	<b>44.4</b>	<b>7.0</b>	<b>40.6</b>	<b>5.3</b>	<b>14.6</b>	
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, <sup>4</sup> 1995–96										
<b>All institutions</b> .....	<b>861</b>	<b>\$27,122</b>	<b>23.9</b>	<b>76.1</b>	<b>49.3</b>	<b>4.1</b>	<b>43.4</b>	<b>9.6</b>	<b>22.7</b>	
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, <sup>4</sup> 1995–96										
<b>All institutions</b> .....	<b>1,869</b>	<b>\$16,193</b>	<b>59.3</b>	<b>40.7</b>	<b>13.8</b>	<b>1.4</b>	<b>16.7</b>	<b>26.0</b>	<b>10.4</b>	
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	

<sup>1</sup>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.

<sup>2</sup>Includes students who reported they were awarded aid but did not specify the source of aid.

<sup>3</sup>Includes aid provided by corporations, unions, foundations, fraternal organizations, community organizations, etc.

<sup>4</sup>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.

—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 327.—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	Post-baccalaureate students, <sup>1</sup> in thousands	Type of aid in percents							
		Any aid <sup>2</sup>	Fellowship grants	Tuition waivers	Assistant-ships <sup>3</sup>	Employer	Loans		
							Any loans	Stafford <sup>4</sup>	Perkins
1	2	3	4	5	6	7	8	9	10
Full-time students, <sup>5</sup> 1992–93									
<b>All institutions</b> .....	<b>673</b>	<b>68.1</b>	<b>3.5</b>	<b>12.4</b>	<b>14.3</b>	<b>3.3</b>	<b>43.5</b>	<b>41.1</b>	<b>9.0</b>
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, <sup>5</sup> 1995–96									
<b>All institutions</b> .....	<b>861</b>	<b>76.1</b>	<b>5.2</b>	<b>11.7</b>	<b>19.5</b>	<b>5.0</b>	<b>48.7</b>	<b>48.0</b>	<b>8.1</b>
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, <sup>5</sup> 1995–96									
<b>All institutions</b> .....	<b>1,869</b>	<b>40.7</b>	<b>0.8</b>	<b>6.1</b>	<b>7.4</b>	<b>16.1</b>	<b>13.4</b>	<b>13.1</b>	<b>0.9</b>
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

<sup>1</sup> 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.

<sup>2</sup> Includes students who reported they were awarded aid but did not specify the source of aid.

<sup>3</sup> Includes students who received teaching or research assistantships and/or participated in work-study programs.

<sup>4</sup> Stafford loans, formerly Guaranteed Student Loans (GSL).

<sup>5</sup> 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 328.—Scholarship and fellowship awards <sup>1</sup> 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 <sup>2</sup>									
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 <sup>3</sup> .....	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 <sup>4</sup>									
1995–96 <sup>3</sup> .....	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

<sup>1</sup> Includes Supplemental Educational Opportunity Grants and State Student Incentive Grants, but excludes Pell Grants.

<sup>2</sup> Includes institutions with programs creditable towards an associate or higher level degree.

<sup>3</sup> Preliminary data.

<sup>4</sup> 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 329.—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 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 <sup>1</sup> .....	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 <sup>2</sup>												
1995–96 <sup>1</sup> .....	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

<sup>1</sup> Preliminary data.

<sup>2</sup> 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 330.—State awards for need-based undergraduate scholarship and grant programs, by state: 1987–88 to 1997–98**  
[In thousands]

State	1987–88	1988–89	1989–90	1990–91	1991–92	1992–93 <sup>1</sup>	1993–94 <sup>1</sup>	1994–95 <sup>1</sup>	1995–96 <sup>1</sup>	1996–97 <sup>1</sup>	1997–98 <sup>1</sup>	Percent change, 1987–88 to 1997–98 <sup>2</sup>
1	2	3	4	5	6	7	8	9	10	11	12	13
<b>Need-based aid as a percent of all state financial aid<sup>3</sup></b>	<b>81.0</b>	<b>78.2</b>	<b>76.8</b>	<b>77.4</b>	<b>74.7</b>	<b>75.7</b>	<b>75.7</b>	<b>77.5</b>	<b>84.4</b>	<b>83.5</b>	<b>81.5</b>	<b>—</b>
<b>Need-based aid</b>	<b>\$1,377,996</b>	<b>\$1,423,743</b>	<b>\$1,529,421</b>	<b>\$1,658,221</b>	<b>\$1,781,820</b>	<b>\$1,923,720</b>	<b>\$2,195,993</b>	<b>\$2,421,952</b>	<b>\$2,435,687</b>	<b>\$2,555,667</b>	<b>\$2,735,670</b>	<b>98.5</b>
Alabama	2,260	2,196	2,984	2,878	2,183	2,271	2,283	2,281	2,142	1,950	2,270	0.4
Alaska	240	234	228	464	475	470	454	444	430	213	240	0.0
Arizona	3,222	3,508	3,420	3,318	2,278	2,437	3,476	3,482	2,291	2,748	3,160	-1.9
Arkansas	3,759	3,903	3,946	3,885	4,742	6,319	7,701	8,907	10,765	12,569	13,160	250.1
California	118,819	129,264	153,045	161,642	172,852	151,379	207,969	232,067	235,582	257,544	284,410	139.4
Colorado	9,327	9,395	10,349	11,276	12,380	14,812	16,480	18,252	21,076	28,236	31,670	239.6
Connecticut	14,650	21,149	19,915	20,580	20,595	20,805	20,641	20,690	20,372	20,297	26,360	79.9
Delaware	807	829	956	1,066	906	1,121	1,270	1,033	1,188	959	1,290	59.9
District of Columbia	1,106	1,075	1,069	947	978	1,015	1,022	1,022	939	4,939	940	-15.0
Florida	15,245	16,522	20,134	24,729	29,279	29,628	31,277	36,824	34,822	33,854	35,680	134.0
Georgia	4,599	5,197	4,607	5,070	5,084	4,951	26,853	5,147	4,757	2,165	1,060	-77.0
Hawaii	563	598	726	612	632	724	748	732	499	379	590	4.8
Idaho	343	348	346	350	483	580	634	779	763	714	710	107.0
Illinois	135,880	143,373	171,361	183,508	184,753	203,532	214,809	244,352	256,872	272,898	288,870	112.6
Indiana	45,408	35,692	41,874	46,756	45,441	55,814	55,814	67,742	68,340	77,834	85,040	87.3
Iowa	25,960	30,050	32,467	35,586	34,654	34,067	34,718	35,642	38,953	41,938	44,900	73.0
Kansas	5,337	5,540	6,478	6,462	6,587	6,894	9,060	9,802	9,526	10,171	10,310	93.2
Kentucky	12,161	12,522	12,605	19,866	16,996	20,520	20,619	25,517	26,215	28,902	27,200	123.7
Louisiana	1,880	1,947	2,786	3,827	4,446	5,125	6,374	6,429	6,580	7,172	8,190	335.6
Maine	1,418	1,408	1,877	4,802	5,002	5,200	5,170	5,787	6,988	6,636	7,700	443.0
Maryland	8,737	12,841	14,800	15,607	16,253	20,828	23,713	24,571	30,350	36,264	37,190	325.7
Massachusetts	61,600	62,443	50,844	46,000	23,690	45,989	45,059	61,850	54,565	57,413	74,340	20.7
Michigan	70,099	75,467	70,721	68,918	78,116	75,469	79,735	81,340	84,154	85,872	90,480	29.1
Minnesota	63,300	68,293	58,136	74,656	81,322	83,170	102,920	97,920	92,069	92,707	96,400	52.3
Mississippi	1,230	1,251	1,243	1,136	1,131	1,244	1,255	1,248	1,175	540	1,070	-13.0
Missouri	8,394	10,234	10,796	11,078	10,142	11,097	11,124	11,913	12,233	13,681	14,690	75.0
Montana	419	420	415	383	414	418	401	419	393	314	460	9.8
Nebraska	1,094	1,052	1,276	2,192	2,370	2,613	2,686	2,726	3,114	3,211	4,090	273.9
Nevada	352	352	4352	321	326	341	342	342	2,595	3,180	5,900	1,576.1
New Hampshire	810	886	918	770	825	1,253	840	1,425	765	669	1,330	64.2
New Jersey	70,298	76,204	84,347	87,054	100,220	118,868	135,251	159,683	132,383	152,458	153,420	118.2
New Mexico	4,107	5,024	5,601	6,479	47,293	8,295	9,266	13,886	14,629	14,289	14,510	253.3
New York	372,363	355,192	382,655	428,358	504,195	554,803	618,849	636,704	625,711	629,940	636,760	71.0
North Carolina	4,559	4,489	3,046	2,519	2,908	3,163	14,436	13,774	16,659	17,435	37,090	713.6
North Dakota	490	976	1,242	1,177	1,475	2,162	2,036	1,996	1,898	2,202	2,070	322.4
Ohio	49,200	50,865	53,848	54,600	57,275	66,000	77,940	91,225	86,053	86,770	92,950	88.9
Oklahoma	10,245	9,861	11,591	11,871	12,612	13,286	13,405	13,325	13,642	14,558	16,920	65.2
Oregon	9,959	10,108	10,092	11,809	12,023	12,606	12,903	13,761	13,651	16,241	15,800	58.7
Pennsylvania	110,992	118,986	132,344	142,389	158,092	173,214	188,751	218,604	232,020	240,459	251,550	126.6
Rhode Island	8,138	8,967	9,917	9,522	9,141	9,586	6,500	6,340	5,741	5,699	6,010	-26.1
South Carolina	16,346	17,810	18,150	17,901	16,800	17,105	16,795	17,297	18,622	21,540	21,920	34.1
South Dakota	516	506	504	468	480	587	589	589	562	346	0	-100.0
Tennessee	12,591	11,977	12,977	13,487	12,793	13,723	16,755	18,313	18,811	18,652	20,440	62.3
Texas	22,705	22,266	24,784	24,135	27,385	27,467	29,102	29,102	40,768	42,761	60,670	167.2
Utah	1,133	1,081	1,091	1,001	1,034	1,115	1,132	1,129	1,197	2,170	1,960	73.0
Vermont	8,414	9,264	11,137	10,184	11,019	11,120	11,167	11,788	11,865	11,309	12,330	46.5
Virginia	4,414	8,062	7,966	7,351	4,892	6,654	6,408	53,885	59,568	59,025	59,260	1,242.5
Washington	12,425	12,858	13,925	21,095	23,527	23,571	46,617	53,369	56,573	58,149	69,430	458.8
West Virginia	5,189	5,204	5,217	5,559	5,781	5,868	5,802	6,761	8,132	10,527	12,140	134.0
Wisconsin	34,653	35,842	38,072	42,365	42,324	44,216	46,592	49,511	46,470	49,008	50,540	45.8
Wyoming	240	212	4241	4212	216	225	250	225	219	160	200	-16.7

<sup>1</sup> Estimated.

<sup>2</sup> Changes may reflect introduction of new programs or discontinuation of existing programs.

<sup>3</sup> Participation requirements vary from state to state.

<sup>4</sup> Data are estimated based on prior year's report.

—Data not available or not applicable.

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*, (1987–88 to 1994–95), and National Association of State Student Grant and Aid Programs, *Annual Survey Report* (1995–96 to 1997–98). (This table was prepared September 1999.)

**Table 331.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund revenue .....</b>	<b>\$65,584,789</b>	<b>\$100,437,616</b>	<b>\$139,635,477</b>	<b>\$149,766,051</b>	<b>\$161,395,896</b>	<b>\$170,880,503</b>	<b>\$179,226,601</b>	<b>\$189,120,570</b>	<b>\$197,973,236</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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									
<b>Total current-fund revenue .....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	9.2	7.2	7.0	7.0	7.2	7.4	7.6	7.6	7.4
Independent operations (FFRDC) <sup>3</sup> .....	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

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.  
<sup>2</sup> Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.  
<sup>3</sup> Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).  
<sup>4</sup> 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 332.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund revenue</b> .....	<b>\$43,195,617</b>	<b>\$65,004,632</b>	<b>\$88,911,433</b>	<b>\$94,904,506</b>	<b>\$102,202,890</b>	<b>\$108,186,484</b>	<b>\$112,968,097</b>	<b>\$119,312,493</b>	<b>\$123,501,152</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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	2,325,444	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									
<b>Total current-fund revenue</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	8.8	6.9	6.9	7.0	7.3	7.5	7.8	7.9	7.8
Independent operations (FFRDC) <sup>3</sup> .....	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

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.  
<sup>2</sup> Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.  
<sup>3</sup> Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).  
<sup>4</sup> 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 333.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund revenue</b> .....	<b>\$22,389,172</b>	<b>\$35,432,985</b>	<b>\$50,724,044</b>	<b>\$54,861,545</b>	<b>\$59,193,006</b>	<b>\$62,694,018</b>	<b>\$66,258,504</b>	<b>\$69,808,077</b>	<b>\$74,472,083</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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									
<b>Total current-fund revenue</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	9.8	7.6	7.2	7.0	7.0	7.1	7.2	7.2	6.9
Independent operations (FFRDC) <sup>3</sup> .....	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 .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
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

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.  
<sup>2</sup> Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.  
<sup>3</sup> Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).  
<sup>4</sup> 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 334.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9
In thousands								
<b>Total current-fund revenue</b> .....	<b>\$22,078,144</b>	<b>\$34,839,494</b>	<b>\$53,652,864</b>	<b>\$57,904,208</b>	<b>\$61,291,366</b>	<b>\$64,726,849</b>	<b>\$68,215,391</b>	<b>\$72,263,702</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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								
<b>Total current-fund revenue</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	9.9	7.8	7.0	7.1	7.2	7.3	7.4	7.0
Independent operations (FFRDC) <sup>3</sup> .....	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 .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
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

<sup>1</sup> Preliminary data.

<sup>2</sup> Excludes Pell Grants. Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

<sup>3</sup> Generally includes only those revenues associated with major federally funded research and development centers (FFRDC).

<sup>4</sup> 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 335.—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 <sup>1</sup>	Federal government <sup>2</sup>	State governments <sup>3</sup>	Local governments	Endowment earnings	Private gifts and grants <sup>4</sup>	Sales and services of educational activities	Auxiliary enterprises	Hospitals <sup>5</sup>	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	( <sup>6</sup> )	\$26,482	\$7,584	—	\$26,993	—	\$22,135
1929–30 .....	554,511	144,126	20,658	150,847	( <sup>6</sup> )	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 <sup>7</sup> .....	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 <sup>8</sup>											
1995–96 <sup>7</sup> .....	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

<sup>1</sup> Tuition and fees received from veterans under Public Law 550 are reported under student fees and are not under income from the federal government.

<sup>2</sup> Federally supported student aid that is received through students is included under tuition and auxiliary enterprises.

<sup>3</sup> Includes federal aid received through state channels and regional compacts, through 1959–60.

<sup>4</sup> Beginning in 1969–70, the private grants represent nongovernmental revenue for sponsored research, student aid, and other sponsored programs.

<sup>5</sup> Prior to 1959–60, data for hospitals are included under sales and services of educational activities.

<sup>6</sup> Income from state and local governments tabulated under "State governments."

<sup>7</sup> Preliminary data.

<sup>8</sup> 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 336.—Revenue of degree-granting institutions, by source of funds, and by control and type of institution: 1995–96<sup>1</sup>**

Control and type of institution	Current-fund revenue	Student tuition and fees <sup>2</sup>	Federal government <sup>3</sup>	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											
<b>Total</b> .....	<b>\$197,973,236</b>	<b>\$55,260,293</b>	<b>\$23,939,075</b>	<b>\$45,692,673</b>	<b>\$5,607,909</b>	<b>\$11,903,126</b>	<b>\$4,562,171</b>	<b>\$5,530,763</b>	<b>\$18,867,540</b>	<b>\$18,611,570</b>	<b>\$7,998,116</b>
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 <sup>4</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>6</sup> .....	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 <sup>4</sup> .....	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 <sup>4</sup> .....	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	281,952	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 <sup>5</sup> .....	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 <sup>6</sup> .....	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											
<b>Total</b> .....	<b>100.00</b>	<b>27.91</b>	<b>12.09</b>	<b>23.08</b>	<b>2.83</b>	<b>6.01</b>	<b>2.30</b>	<b>2.79</b>	<b>9.53</b>	<b>9.40</b>	<b>4.04</b>
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 <sup>4</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>6</sup> .....	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 <sup>4</sup> .....	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 <sup>4</sup> .....	100.00	38.63	8.62	0.80	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 <sup>5</sup> .....	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 <sup>6</sup> .....	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

<sup>1</sup> Preliminary data.

<sup>2</sup> Includes federally supported aid received through students.

<sup>3</sup> Includes appropriations, grants, contracts, and revenues associated with major federally funded research and development centers (FFRDC). Excludes Pell Grants.

<sup>4</sup> 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.

<sup>5</sup> Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

<sup>6</sup> 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 337.—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 <sup>2</sup>
	1980–81	1985–86	1989–90	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 <sup>1</sup>		
1	2	3	4	5	6	7	8	9	10	11	12
<b>United States</b> .....	<b>\$43,195,617</b>	<b>\$65,004,632</b>	<b>\$88,911,433</b>	<b>\$94,904,506</b>	<b>\$102,202,890</b>	<b>\$108,186,484</b>	<b>\$112,968,097</b>	<b>\$119,312,493</b>	<b>\$123,378,526</b>	<b>30.0</b>	<b>\$123,501,152</b>
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	3,049,921	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	1,055,448	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	377,960	411,293	431,464	431,381	431,381	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

<sup>1</sup> Preliminary data.

<sup>2</sup> 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.

of Higher Education" surveys; and Integrated Postsecondary Education Data System (IPEDS), "Finance" surveys. (This table was prepared March 1999.)

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-

**Table 338.—Current-fund revenue of public degree-granting institutions, by source of funds and state: 1995–96<sup>1</sup>**  
 [In thousands of dollars]

State	Total	Tuition and fees	Federal appropriations, grants, and contracts <sup>2</sup>	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
<b>United States</b> .....	<b>\$123,501,152</b>	<b>\$23,257,454</b>	<b>\$13,672,467</b>	<b>\$44,242,546</b>	<b>\$5,074,511</b>	<b>\$5,089,344</b>	<b>\$721,079</b>	<b>\$11,595,408</b>	<b>\$12,275,778</b>	<b>\$7,572,564</b>
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

<sup>1</sup> Preliminary data.

<sup>2</sup> 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 339.—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 <sup>1</sup>	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
<b>United States .....</b>	<b>\$119,312,493</b>	<b>\$21,908,104</b>	<b>\$13,191,843</b>	<b>\$42,854,681</b>	<b>\$4,756,884</b>	<b>\$4,737,529</b>	<b>\$693,313</b>	<b>\$11,373,646</b>	<b>\$12,527,982</b>	<b>\$7,268,511</b>
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
<b>Outlying areas</b>	<b>750,676</b>	<b>75,136</b>	<b>65,845</b>	<b>548,747</b>	<b>19,394</b>	<b>8,397</b>	<b>750</b>	<b>12,892</b>	<b>0</b>	<b>19,515</b>
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

<sup>1</sup> 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 340.—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 <sup>2</sup>					
	1985–86	1990–91	1993–94	1994–95	1995–96 <sup>1</sup>	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
<b>United States<sup>3</sup></b>	<b>\$32,456,006</b>	<b>\$43,412,081</b>	<b>\$46,908,594</b>	<b>\$49,508,974</b>	<b>\$51,211,615</b>	<b>\$51,300,582</b>	<b>\$40,081,437</b>	<b>\$4,397,098</b>	<b>\$245,507</b>	<b>\$4,838,522</b>	<b>\$1,738,018</b>
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	118,691	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

<sup>1</sup> Preliminary data.

<sup>2</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>3</sup> 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 341.—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 <sup>1</sup>	Institution	Rank order	Current-fund revenue from the federal government <sup>1</sup>
1	2	3	1	2	3
<b>United States (all institutions)</b> .....	—	<b>\$23,939,075</b>			
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

<sup>1</sup>Includes 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 342.—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 <sup>1</sup>	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars <sup>1</sup>	Current-fund expenditures, in millions		Current-fund expenditures per student, in constant 1995–96 dollars <sup>1</sup>
	Unadjusted dollars	Constant 1995–96 dollars <sup>1</sup>		Unadjusted dollars	Constant 1995–96 dollars <sup>1</sup>		Unadjusted dollars	Constant 1995–96 dollars <sup>1</sup>	
1	2	3	4	5	6	7	8	9	10
<b>All institutions</b>									
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 <sup>2</sup> .....	189,986	189,986	18,383	167,044	167,044	23,288	22,942	22,942	7,255
<b>Public institutions</b>									
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 <sup>2</sup> .....	119,401	119,401	15,403	97,901	97,901	20,579	21,500	21,500	7,180
<b>Private institutions</b>									
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 <sup>2</sup> .....	70,585	70,585	27,325	69,143	69,143	28,623	1,442	1,442	8,609

<sup>1</sup> Dollars adjusted by the Higher Education Price Index.<sup>2</sup> 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 343.—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 <sup>1</sup>	Other sponsored programs <sup>2</sup>
1	2	3	4	5	6	7	8	9	10
1929–30 .....	\$507,142	\$377,903	\$42,633	\$221,598	<sup>6</sup> \$18,007	\$9,622	\$61,061	(?)	—
1931–32 .....	536,523	420,633	47,232	232,645	<sup>6</sup> 21,978	11,379	56,797	<sup>8</sup> \$21,297	—
1933–34 .....	469,329	369,661	43,155	203,332	<sup>6</sup> 17,064	13,387	51,046	<sup>8</sup> 14,155	—
1935–36 .....	541,391	419,883	48,069	225,143	<sup>6</sup> 22,091	15,531	56,802	<sup>8</sup> 20,241	—
1937–38 .....	614,385	475,191	56,406	253,006	<sup>6</sup> 25,213	17,588	62,738	<sup>8</sup> 24,031	—
1939–40 .....	674,688	521,990	62,827	280,248	<sup>6</sup> 27,266	19,487	69,612	<sup>8</sup> 27,225	—
1941–42 .....	738,169	572,465	66,968	298,558	<sup>6</sup> 34,287	19,763	72,594	<sup>8</sup> 37,771	—
1943–44 .....	974,118	753,846	69,668	334,189	<sup>6</sup> 58,456	20,452	81,201	<sup>8</sup> 48,415	<sup>9</sup> \$97,044
1945–46 .....	1,088,422	820,326	104,808	375,122	<sup>6</sup> 86,812	26,560	110,947	<sup>8</sup> 60,604	—
1947–48 .....	1,883,269	1,391,594	171,829	657,945	<sup>6</sup> 159,090	44,208	201,996	<sup>8</sup> 85,346	—
1949–50 .....	2,245,661	1,706,444	213,070	780,994	<sup>6</sup> 225,341	56,147	225,110	<sup>8</sup> 119,108	—
1951–52 .....	2,471,008	1,960,481	233,844	823,117	<sup>6</sup> 317,928	60,612	240,446	<sup>8</sup> 147,854	—
1953–54 .....	2,882,864	2,345,331	288,147	960,556	<sup>6</sup> 372,643	72,944	277,874	<sup>8</sup> 186,905	—
1955–56 .....	3,499,463	2,861,858	355,207	1,140,655	<sup>6</sup> 500,793	85,563	324,229	<sup>8</sup> 222,007	—
1957–58 .....	4,509,666	3,734,350	473,945	1,465,603	<sup>6</sup> 727,776	109,715	406,226	<sup>8</sup> 238,455	—
1959–60 .....	5,601,376	4,685,258	583,224	1,793,320	<sup>6</sup> 1,022,353	135,384	469,943	<sup>8</sup> 294,255	—
1961–62 .....	7,154,526	5,997,007	730,429	2,202,443	<sup>6</sup> 1,474,406	177,362	564,225	<sup>8</sup> 375,040	—
1963–64 .....	9,177,677	7,725,433	957,512	2,801,707	<sup>6</sup> 1,973,383	236,718	686,054	<sup>8</sup> 458,507	—
1965–66 .....	12,509,489	10,376,630	1,251,107	3,756,175	<sup>6</sup> 2,448,300	346,248	844,506	<sup>8</sup> 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 <sup>11</sup> .....	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 <sup>12</sup>									
1995–96 <sup>11</sup> .....	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 343.—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 <sup>3</sup>	Hospitals	Other current expenditures	Educational and general expenditures per student in fall enrollment <sup>4</sup>	
	Extension and public service	Scholarships and fellowships	Other general expenditures					Current dollars	Constant 1995–96 dollars <sup>5</sup>
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	20,066	(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)	<sup>10</sup> 245,115	1,753	8,486
1966–67	226,566	583,390	220,453	2,060,130	\$951,668	\$253,790	<sup>10</sup> 239,780	1,678	7,878
1967–68	597,544	712,425	240,222	2,302,419	765,495	290,000	<sup>10</sup> 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 <sup>11</sup>	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 <sup>12</sup>									
1995–96 <sup>11</sup>	7,007,413	13,195,102	2,400,876	17,599,061	3,490,511	17,940,986	—	—	—

<sup>1</sup> Academic support excluding expenditures for libraries.  
<sup>2</sup> 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."  
<sup>3</sup> Generally includes only those expenditures associated with federally funded research and development centers (FFRDCs).  
<sup>4</sup> Data for 1929–30 to 1945–46 are based on school year enrollment.  
<sup>5</sup> Data adjusted by the Consumer Price Index computed on a school year basis.  
<sup>6</sup> Expenditures for federally funded research and development centers are included under "Organized research."  
<sup>7</sup> Included under "Other current expenditures."  
<sup>8</sup> Expenditures for hospitals included under "Organized activities related to instructional departments."  
<sup>9</sup> Expenditures were for federal contract courses.  
<sup>10</sup> 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."

<sup>11</sup> Preliminary data.  
<sup>12</sup> 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 344.—Expenditures of degree-granting institutions, by purpose and by control and type of institution: 1995–96<sup>1</sup>**

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							
<b>Total</b> .....	<b>\$190,476,163</b>	<b>\$151,445,605</b>	<b>\$57,810,033</b>	<b>\$17,517,887</b>	<b>\$7,007,413</b>	<b>\$13,297,063</b>	<b>\$4,293,363</b>
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 <sup>3</sup> .....	44,391,472	32,554,192	10,940,654	7,985,405	2,551,389	3,164,464	904,547
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>3</sup> .....	27,593,269	18,402,482	6,688,949	3,974,170	537,817	1,458,295	552,107
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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							
<b>Total</b> .....	<b>100.00</b>	<b>79.51</b>	<b>30.35</b>	<b>9.20</b>	<b>3.68</b>	<b>6.98</b>	<b>2.25</b>
Public .....	100.00	80.39	32.34	10.10	4.45	7.53	2.25
Research I universities <sup>3</sup> .....	100.00	73.33	24.65	17.99	5.75	7.13	2.04
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>3</sup> .....	100.00	66.69	24.24	14.40	1.95	5.28	2.00
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 344.—Expenditures of degree-granting institutions, by purpose and by control and type of institution: 1995–96<sup>1</sup>—Continued**

Control and type of institution	Educational and general expenditures					Auxiliary enterprises	Hospitals	Independent operations <sup>2</sup>
	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								
<b>Total</b> .....	<b>\$9,630,576</b>	<b>\$18,255,769</b>	<b>\$12,330,885</b>	<b>\$13,195,102</b>	<b>\$2,400,876</b>	<b>\$17,599,061</b>	<b>\$17,940,986</b>	<b>\$3,490,511</b>
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 <sup>3</sup> .....	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 <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	12,230	18,901	11,317	7,686	1,265	2,742	0	1,055
4-year .....	5,375	4,852	2,846	834	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 <sup>3</sup> .....	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 <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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								
<b>Total</b> .....	<b>5.06</b>	<b>9.58</b>	<b>6.47</b>	<b>6.93</b>	<b>1.26</b>	<b>9.24</b>	<b>9.42</b>	<b>1.83</b>
Public .....	4.86	8.96	6.70	4.25	1.19	9.46	9.94	0.21
Research I universities <sup>3</sup> .....	2.47	4.95	4.84	4.19	1.38	9.62	16.83	0.21
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>3</sup> .....	2.14	6.28	4.56	6.69	1.14	6.34	16.55	10.42
Research II universities <sup>3</sup> .....	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 <sup>4</sup> .....	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 <sup>5</sup> .....	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

<sup>1</sup> Preliminary data.

<sup>2</sup> Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

<sup>3</sup> 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.

<sup>4</sup> Specialized institutions award baccalaureate or higher level degrees in specific fields of study.

<sup>5</sup> 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 345.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund expenditures .....</b>	<b>\$64,052,938</b>	<b>\$97,535,742</b>	<b>\$134,655,571</b>	<b>\$146,087,836</b>	<b>\$156,189,161</b>	<b>\$165,241,040</b>	<b>\$173,350,617</b>	<b>\$182,968,610</b>	<b>\$190,476,163</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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									
<b>Total current-fund expenditures .....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	2.0	2.2	2.4	2.3	2.3	2.2	2.0	1.9	1.8
Mandatory transfers .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>2</sup> Excludes Pell Grants.

<sup>3</sup> Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

<sup>4</sup> 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 346.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund expenditures .....</b>	<b>\$42,279,806</b>	<b>\$63,193,853</b>	<b>\$85,770,530</b>	<b>\$92,961,093</b>	<b>\$98,847,180</b>	<b>\$104,570,101</b>	<b>\$109,309,541</b>	<b>\$115,464,975</b>	<b>\$119,524,500</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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									
<b>Total current-fund expenditures .....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Mandatory transfers .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>2</sup> Excludes Pell Grants.

<sup>3</sup> Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).

<sup>4</sup> 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 347.—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 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10
In thousands									
<b>Total current-fund expenditures</b> .....	<b>\$21,773,132</b>	<b>\$34,341,889</b>	<b>\$48,885,041</b>	<b>\$53,126,743</b>	<b>\$57,341,982</b>	<b>\$60,670,938</b>	<b>\$64,041,076</b>	<b>\$67,503,635</b>	<b>\$70,951,662</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	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									
<b>Total current-fund expenditures</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	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) <sup>3</sup> .....	5.5	6.0	6.1	5.9	5.8	5.6	5.0	4.9	4.6
Mandatory transfers .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.  
<sup>2</sup> Excludes Pell Grants.  
<sup>3</sup> Generally includes only those expenditures associated with major federally funded research and development centers (FFRDC).  
<sup>4</sup> 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 348.—Voluntary support for institutions of higher education, by source and purpose of support: 1959–60 to 1997–98**  
 [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	1996–97	1997–98
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<b>Total voluntary support</b> <sup>1</sup>	<b>\$815</b>	<b>\$1,440</b>	<b>\$1,860</b>	<b>\$2,410</b>	<b>\$4,230</b>	<b>\$7,400</b>	<b>\$9,800</b>	<b>\$10,200</b>	<b>\$10,700</b>	<b>\$11,200</b>	<b>\$12,350</b>	<b>\$12,750</b>	<b>\$14,250</b>	<b>\$16,000</b>	<b>\$18,400</b>
<b>Sources</b>															
Alumni .....	191	310	458	588	1,049	1,825	2,540	2,680	2,840	2,980	3,410	3,600	4,040	4,650	5,500
Nonalumni individuals .....	194	350	495	569	1,007	1,781	2,230	2,310	2,500	2,530	2,800	2,940	3,400	3,850	4,500
Corporations .....	130	230	259	379	778	1,702	2,170	2,230	2,260	2,400	2,510	2,560	2,800	3,050	3,250
Foundations .....	163	357	418	549	922	1,363	1,920	2,030	2,090	2,200	2,540	2,460	2,815	3,200	3,800
Religious organizations .....	80	108	104	130	140	211	240	240	240	250	240	250	255	250	300
Other .....	57	85	126	195	334	518	700	710	770	840	850	940	940	1,000	1,050
<b>Purpose</b>															
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	8,500	9,000
Capital purposes .....	430	765	810	930	1,640	3,378	4,360	4,370	4,600	4,900	5,640	5,520	6,400	7,500	9,400
Voluntary support as a percent of total expenditures <sup>2</sup> .....	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	7.2	7.8

<sup>1</sup> Data are based on sample surveys of institutions of higher education.  
<sup>2</sup> 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 August 1999.)



**Table 349.—Educational and general expenditures of public universities, by purpose: 1976–77 to 1995–96**

Year	Educational and general expenditures									
	Total	Instruction	Administration <sup>1</sup>	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 <sup>2</sup> ..	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 <sup>2</sup> ..	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 <sup>2</sup> ..	19,700	6,946	2,690	742	4,292	593	1,611	1,357	1,168	302

<sup>1</sup> Includes institutional and academic support less libraries.<sup>2</sup> 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 350.—Educational and general expenditures of public 4-year colleges, <sup>1</sup> by purpose: 1976–77 to 1995–96**

Year	Educational and general expenditures									
	Total	Instruction	Administration <sup>2</sup>	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 <sup>3</sup> ..	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 <sup>3</sup> ..	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 <sup>3</sup> ..	13,403	5,486	2,638	780	1,351	389	619	1,170	727	242

<sup>1</sup> Excludes universities. See preceding table.

<sup>2</sup> Includes institutional and academic support less libraries.

<sup>3</sup> 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 351.—Educational and general expenditures of public 2-year colleges, by purpose: 1976–77 to 1995–96**

Year	Educational and general expenditures									
	Total	Instruction	Administration <sup>1</sup>	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 <sup>2</sup> ..	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 <sup>2</sup> ..	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 <sup>2</sup> ..	6,733	3,240	1,452	722	8	149	158	691	261	51

<sup>1</sup> Includes institutional and academic support less libraries.

<sup>2</sup> 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 352.—Educational and general expenditures of private (nonprofit) universities, by purpose: 1976–77 to 1995–96**

Year	Educational and general expenditures									
	Total	Instruction	Administration <sup>1</sup>	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 <sup>2</sup> ..	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 <sup>2</sup> ..	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 <sup>2</sup> ..	37,200	13,902	5,699	1,396	6,551	1,201	960	2,567	4,252	672

<sup>1</sup> Includes institutional and academic support less libraries.<sup>2</sup> 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 353.—Educational and general expenditures of private (nonprofit) 4-year colleges,<sup>1</sup> by purpose: 1976–77 to 1995–96**

Year	Educational and general expenditures									
	Total	Instruction	Administration <sup>2</sup>	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 <sup>3</sup> ..	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 <sup>3</sup> ..	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 <sup>3</sup> ..	17,177	5,593	3,481	1,512	713	475	655	1,395	3,032	321

<sup>1</sup> Excludes universities. See preceding table.

<sup>2</sup> Includes institutional and academic support less libraries.

<sup>3</sup> 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 354.—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 <sup>2</sup>
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 <sup>1</sup>	Percent change, 1990–91 to 1995–96	
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>\$42,279,806</b>	<b>\$63,193,853</b>	<b>\$92,961,093</b>	<b>\$98,847,180</b>	<b>\$104,570,101</b>	<b>\$109,309,541</b>	<b>\$115,464,975</b>	<b>\$119,400,868</b>	<b>28.4</b>	<b>\$119,524,500</b>
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	978,266	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

<sup>1</sup> Preliminary data.

<sup>2</sup> 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 355.—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 <sup>2</sup>
	1980–81	1985–86	1990–91	1991–92	1992–93	1993–94	1994–95	1995–96 <sup>1</sup>	Percent change, 1990–91 to 1995–96	
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>\$34,173,013</b>	<b>\$50,872,962</b>	<b>\$74,395,428</b>	<b>\$78,554,534</b>	<b>\$83,210,979</b>	<b>\$87,139,226</b>	<b>\$92,173,768</b>	<b>\$95,970,979</b>	<b>29.0</b>	<b>\$96,085,623</b>
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	301,487	332,246	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	361,276	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

<sup>1</sup> Preliminary data.

<sup>2</sup> 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 356.—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 <sup>1</sup>	
	Current-fund expenditures				Educational and general expenditures				Current-fund expenditures	Educational and general expenditures
	1985–86	1993–94	1994–95	1995–96 <sup>1</sup>	1985–86	1993–94	1994–95	1995–96 <sup>2</sup>		
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>\$34,341,889</b>	<b>\$64,041,076</b>	<b>\$67,503,635</b>	<b>\$70,585,370</b>	<b>\$25,255,003</b>	<b>\$48,885,124</b>	<b>\$51,984,234</b>	<b>\$54,956,345</b>	<b>\$70,951,662</b>	<b>\$55,359,982</b>
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

<sup>1</sup> Preliminary data are for 4-year and 2-year degree-granting institutions that were eligible to participate in Title IV federal financial aid programs.

<sup>2</sup> 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 November 1998.)



**Table 357.—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 <sup>1</sup>	1985–86	1990–91	1993–94	1994–95	1995–96 <sup>1</sup>
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>\$33,796,683</b>	<b>\$52,079,906</b>	<b>\$62,702,212</b>	<b>\$66,122,565</b>	<b>\$69,102,394</b>	<b>\$24,738,587</b>	<b>\$38,769,871</b>	<b>\$47,600,834</b>	<b>\$50,662,377</b>	<b>\$53,540,243</b>
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

<sup>1</sup> 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 358.—Current-fund expenditures per full-time-equivalent student in institutions of higher education, by control and type of institution and purpose of expenditure: 1995–96<sup>1</sup>**

Item	Total				Public				Private		
	All institutions	Universities	Other 4-year	2-year	All institutions	Universities	Other 4-year	2-year	All institutions <sup>2</sup>	Universities	Other 4-year
1	2	3	4	5	6	7	8	9	10	11	12
<b>Total current-fund expenditures<sup>3</sup></b>	<b>\$18,383</b>	<b>\$32,265</b>	<b>\$18,304</b>	<b>\$7,255</b>	<b>\$15,403</b>	<b>\$25,444</b>	<b>\$17,307</b>	<b>\$7,180</b>	<b>\$27,325</b>	<b>\$52,413</b>	<b>\$19,907</b>
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 <sup>4</sup>	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

<sup>1</sup> Preliminary data.

<sup>2</sup> Includes private 2-year colleges.

<sup>3</sup> Includes expenditures for auxiliary enterprises, hospitals, and independent operations which are not shown separately.

<sup>4</sup> 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 359.—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 <sup>1</sup>	20,873	13,228	428	7,658	5,141	7,645	356	4,897	2,392

<sup>1</sup> 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 360.—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) <sup>1</sup>	Liabilities of plant funds
	Total	Physical plant value				Endowment (book value) <sup>1</sup>		
		Total	Land	Buildings	Equipment			
1	2	3	4	5	6	7	8	9
1899–1900 .....	\$448,597	\$253,599	—	—	—	<sup>2</sup> \$194,998	—	—
1909–10 .....	781,255	457,594	\$92,359	\$297,153	\$68,082	<sup>2</sup> 323,661	—	—
1919–20 .....	1,316,404	747,333	128,922	495,920	122,491	<sup>2</sup> 569,071	—	—
1929–30 .....	3,437,117	2,065,049	304,114	1,490,014	270,921	<sup>2</sup> 1,372,068	—	—
1935–36 .....	3,913,028	2,359,418	334,085	1,636,722	388,611	<sup>2</sup> 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	—	—	—	<sup>2</sup> 1,766,664	—	—
1947–48 .....	6,076,212	3,691,725	—	—	—	2,384,487	—	—
1949–50 .....	7,401,187	4,799,964	—	—	—	<sup>2</sup> 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	<sup>3</sup> 6,697,648	1,536,792	3,702,139	—	\$894,383
1957–58 .....	15,770,197	11,124,489	733,182	<sup>3</sup> 8,540,429	1,850,878	4,645,708	—	1,444,602
1959–60 .....	18,870,628	13,548,548	842,664	<sup>3</sup> 10,472,478	2,233,407	5,322,080	—	1,964,306
1961–62 .....	22,761,193	16,681,844	1,009,294	<sup>3</sup> 12,900,093	2,772,457	6,079,349	—	2,806,868
1963–64 .....	28,232,362	21,279,346	1,292,691	<sup>3</sup> 16,460,867	3,525,788	6,953,016	—	4,190,189
1965–66 .....	35,274,597	26,851,273	1,758,901	<sup>3</sup> 20,653,028	4,439,344	8,423,324	\$11,126,831	6,071,750
1967–68 .....	—	34,506,348	2,062,545	<sup>3</sup> 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 <sup>4</sup> .....	—	220,400,104	11,407,020	150,458,886	58,534,198	—	128,837,030	—

<sup>1</sup> Includes funds functioning as endowment.<sup>2</sup> Includes annuity funds.<sup>3</sup> Includes improvements to land and equipment. These funds are included under appropriate categories after 1967–68.<sup>4</sup> 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 361.—Endowment funds of the 120 institutions of higher education with the largest amounts: Fiscal year 1996**

Institution	Rank order <sup>1</sup>	Market value of endowment, in thousands of dollars (end of fiscal year)	Institution	Rank order <sup>1</sup>	Market value of endowment, in thousands of dollars (end of fiscal year)
1	2	3	1	2	3
<b>United States (all institutions)</b> .....	—	<b>\$128,837,030</b>			
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	<sup>2</sup> 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

<sup>1</sup> Institutions ranked by size of endowment. Excludes institutions which have not reported data for 1995–96.  
<sup>2</sup> 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 362.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999**

Characteristics of employed persons	1995				1999								
	Percent of adults participating				Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating					Number of career or job-related courses taken, in thousands	Number of career or job-related courses, taken per employee
	In any program	In career or job-related courses	Number of career or job-related courses taken, per employee	Percent of career or job-related courses provided by businesses <sup>1</sup>			In any program	In part-time higher education	In career or job-related courses	In apprenticeship programs	Other personal courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>Total</b> .....	<b>50.7</b>	<b>31.1</b>	<b>0.78</b>	<b>49.0</b>	<b>132,227</b>	<b>70,849</b>	<b>53.6</b>	<b>11.9</b>	<b>31.5</b>	<b>2.2</b>	<b>23.8</b>	<b>94,716</b>	<b>0.72</b>
<b>Sex</b>													
Men .....	46.5	29.0	0.70	46.7	69,994	34,962	49.9	11.9	29.7	2.7	19.2	45,957	0.66
Women .....	55.6	33.4	0.86	50.9	62,234	35,887	57.7	11.8	33.5	1.7	28.9	48,759	0.78
<b>Age</b>													
17 to 24 years .....	50.7	18.6	0.39	53.8	17,815	9,412	52.8	17.6	20.9	5.6	18.3	7,984	0.45
25 to 29 years .....	54.5	31.2	0.76	51.3	13,590	7,952	58.5	19.7	35.7	3.5	24.1	11,311	0.83
30 to 34 years .....	51.1	31.6	0.78	49.7	15,435	8,788	56.9	13.6	33.8	2.7	25.7	11,365	0.74
35 to 39 years .....	53.2	35.1	0.91	51.8	19,129	9,850	51.5	11.8	28.8	1.7	25.0	13,375	0.70
40 to 44 years .....	55.5	36.6	0.93	44.9	19,174	10,737	56.0	10.3	38.3	1.2	24.4	16,727	0.87
45 to 49 years .....	55.2	39.6	1.03	44.8	15,939	9,014	56.6	9.7	32.5	1.4	29.5	11,611	0.73
50 to 54 years .....	50.2	34.4	0.87	49.2	13,092	7,255	55.4	7.6	35.8	1.1	26.2	10,330	0.79
55 to 59 years .....	39.8	26.7	0.66	46.8	9,938	4,654	46.8	6.5	31.4	0.6	18.9	7,021	0.71
60 to 64 years .....	31.4	21.1	0.49	58.6	4,200	1,873	44.6	5.0	29.6	0.8	20.1	2,931	0.70
65 and over .....	26.6	13.7	0.37	39.7	2,028	805	39.7	5.0	22.4	0.2	20.3	849	0.42
<b>Racial/ethnic group</b>													
White, non-Hispanic .....	51.9	33.2	0.83	47.9	96,531	52,676	54.6	11.5	33.8	1.5	24.8	73,640	0.76
Black, non-Hispanic .....	50.1	26.2	0.67	58.4	15,128	8,540	56.5	13.1	28.6	5.2	27.7	10,468	0.69
Hispanic .....	40.4	18.1	0.37	46.8	14,034	6,141	43.8	11.0	18.6	4.0	14.6	5,821	0.41
Asian American/ Pacific Islander .....	44.1	25.5	0.58	48.6	4,042	2,214	54.8	19.0	34.4	0.0	20.1	3,208	0.79
American Indian/ Alaskan Native .....	49.6	34.0	0.86	54.6	571	283	49.6	19.5	28.1	5.5	9.1	485	0.85
<b>Highest level of education completed</b>													
Less than high school diploma .....	25.4	8.8	0.15	56.6	14,464	4,291	29.7	3.3	7.0	2.2	10.5	1,755	0.12
High school diploma .....	38.5	20.9	0.45	56.7	35,567	15,051	42.3	9.3	22.2	2.8	17.2	15,302	0.43
Some vocational/technical .....	52.0	32.3	0.82	45.3	4,311	2,099	48.7	10.2	29.1	3.9	22.7	3,516	0.82
Some college .....	55.9	29.9	0.74	53.5	24,796	14,050	56.7	15.9	29.6	2.7	26.8	17,681	0.71
Associate degree .....	62.5	39.2	1.02	49.7	9,394	5,957	63.4	20.1	42.1	2.1	25.4	8,822	0.94
Bachelor's degree .....	62.8	44.6	1.17	47.2	23,468	15,159	64.6	11.8	44.3	1.2	29.2	23,931	1.02
Some graduate work (or study) .....	67.1	50.2	1.40	40.3	20,227	14,242	70.4	14.3	48.2	1.3	34.4	23,709	1.17
No degree .....	71.8	44.3	1.20	45.6	3,479	2,568	73.8	24.1	53.7	0.7	32.0	4,068	1.17
Master's .....	67.0	50.5	1.44	41.7	10,962	7,897	72.0	14.3	47.5	1.1	37.9	13,112	1.20
Doctor's .....	55.0	40.4	0.98	35.5	3,537	2,150	60.8	8.5	35.9	2.6	32.6	2,870	0.81
Professional .....	73.7	67.6	1.97	31.4	2,249	1,627	72.4	8.5	62.8	0.8	23.8	3,659	1.63
<b>Metropolitan area</b>													
Inside metropolitan area .....	52.6	32.4	0.81	48.6	102,518	55,742	54.4	11.6	32.7	2.3	23.5	78,080	0.76
Inside central city .....	53.1	33.3	0.83	48.3	88,470	48,396	54.7	11.9	32.9	2.4	23.7	67,283	0.76
Outside central city .....	49.9	27.9	0.70	50.9	14,048	7,346	52.3	9.2	32.0	1.5	22.3	10,797	0.77
Outside metropolitan area .....	44.8	26.9	0.66	50.2	29,709	15,107	50.9	13.0	27.1	2.0	24.7	16,636	0.56
<b>Occupation</b>													
Executive, administrative, or managerial .....	56.6	42.9	1.20	37.7	26,128	14,692	56.2	10.2	39.8	1.1	23.5	24,675	0.94
Engineers, surveyors, and architects .....	65.6	44.2	1.07	59.0	1,776	1,465	82.5	27.7	56.4	5.5	27.3	2,071	1.17
Natural scientists and mathematicians .....	73.5	59.7	1.75	44.0	2,236	1,641	73.4	13.6	56.4	1.9	23.5	2,222	0.99
Social scientists and workers, lawyers .....	76.8	59.5	1.77	35.6	2,986	2,432	81.5	13.8	59.9	0.4	36.0	5,219	1.75
Teachers, elementary/secondary ..	77.7	53.9	1.46	50.5	6,414	5,135	80.1	23.8	53.8	0.6	38.4	8,122	1.27
Teachers, postsecondary .....	55.9	41.6	1.03	53.5	2,308	1,610	69.7	13.6	41.8	2.5	48.6	1,958	0.85
Physicians, dentists, veterinarians .....	71.3	68.6	2.00	32.4	—	—	—	—	—	—	—	—	—
Registered nurses, pharmacists ....	88.5	72.8	2.24	45.6	2,864	2,457	85.8	15.2	73.9	0.1	44.7	5,346	1.87
Writers, artists, entertainers, and athletes .....	49.5	23.4	0.46	33.3	2,041	1,074	52.6	17.7	33.6	2.1	19.6	1,332	0.65
Health technologists and technicians .....	75.1	50.0	1.39	45.0	1,963	1,407	71.7	22.0	44.6	5.6	37.6	2,151	1.10
Technologists, except health .....	65.6	43.8	1.12	55.8	4,976	2,955	59.4	20.1	41.5	8.9	20.2	5,218	1.05
Marketing and sales occupations ..	45.5	25.2	0.55	51.2	12,472	6,117	49.0	6.8	23.3	1.8	29.7	6,401	0.51
Administrative support, including clerical .....	52.4	30.8	0.69	52.4	19,162	9,655	50.4	9.7	27.2	0.7	22.0	10,928	0.57
Service occupations .....	47.5	22.6	0.60	57.0	15,570	7,823	50.2	14.0	20.9	2.0	21.2	8,091	0.52
Agriculture, forestry, and fishing .....	26.2	12.4	0.26	—	2,028	879	43.3	10.5	16.7	7.1	11.9	571	0.28
Mechanics and repairers .....	49.9	29.1	0.73	57.2	4,313	1,977	45.8	16.1	16.6	4.7	24.1	1,630	0.38
Construction and extractive occupations .....	38.1	18.6	0.33	48.8	4,181	1,537	36.8	12.3	12.6	5.4	13.1	978	0.23
Precision production occupations ..	44.8	25.6	0.58	40.8	1,363	565	41.4	8.3	18.9	11.7	20.7	562	0.41
Production workers .....	30.3	14.8	0.27	58.5	8,800	3,359	38.2	6.7	21.3	2.0	15.9	3,784	0.43
Transportation, material moving ....	28.8	15.8	0.28	60.6	4,732	1,740	36.8	5.9	19.6	1.4	14.6	1,408	0.30
Handler, equipment, cleaners, helpers, and laborers .....	26.1	11.7	0.21	46.9	3,207	811	25.3	6.6	6.3	1.4	4.5	492	0.15
Miscellaneous occupations .....	59.0	38.8	1.03	51.8	1,858	873	47.0	13.8	13.2	3.1	25.5	528	0.28
<b>Annual family income</b>													
\$10,000 or less .....	33.0	12.6	0.25	50.9	5,168	1,595	30.9	7.6	10.9	1.9	12.4	917	0.18

**Table 362.—Participation of employed persons, 17 years old and over, in adult education during the previous 12 months, by selected characteristics of participants: 1995 and 1999—Continued**

Characteristics of employed persons	1995				1999								
	Percent of adults participating				Employed persons, in thousands	Adult education participants, in thousands	Percent of adults participating					Number of career or job-related courses taken, in thousands	Number of career or job-related courses taken per employee
	In any program	In career or job-related courses	Number of career or job-related courses taken, per employee	Percent of career or job-related courses provided by businesses <sup>1</sup>			In any program	In part-time higher education	In career or job-related courses	In apprenticeship programs	Other personal courses		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
\$10,001 to \$15,000 .....	38.6	15.1	0.37	59.1	5,152	1,557	30.2	8.0	9.8	2.1	12.0	859	0.17
\$15,001 to \$20,000 .....	41.5	20.1	0.42	52.8	6,075	2,549	42.0	8.7	16.4	1.8	19.2	1,883	0.31
\$20,001 to \$25,000 .....	40.4	20.4	0.48	53.1	8,811	3,753	42.6	8.5	18.6	3.8	21.7	3,697	0.42
\$25,001 to \$30,000 .....	47.4	24.7	0.54	55.8	11,818	4,902	41.5	10.0	24.1	4.5	13.4	5,946	0.50
\$30,001 to \$40,000 .....	49.6	30.2	0.76	50.2	16,766	8,531	50.9	15.6	26.8	2.2	21.7	9,946	0.59
\$40,001 to \$50,000 .....	53.8	34.7	0.82	48.3	15,128	8,033	53.1	14.1	32.4	2.6	24.2	10,661	0.70
\$50,001 to \$75,000 .....	57.8	40.0	1.02	48.3	27,176	17,072	62.8	13.5	36.9	2.0	31.7	22,641	0.83
More than \$75,000 .....	63.5	45.2	1.25	45.0	36,134	22,856	63.3	11.2	43.4	1.2	26.6	38,166	1.06

<sup>1</sup> Percentages based on the respondent's reports of the first six work-related courses taken.

—Data not available or not applicable.

NOTE.—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. 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 December 1999.)

**Table 363.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999**

Characteristics of participants	Percent participating in any program, 1991	1995						1999								
		Population, in thousands	Adult education participants, in thousands <sup>1</sup>	Percent participating <sup>2</sup>				Population, in thousands	Adult education participants, in thousands <sup>1</sup>	Percent participating <sup>2</sup>						
				In any program	In part-time post-secondary education	In career or job related courses	Personal development courses			In any program	In basic education	In English as a second language	In part-time post-secondary education	In career or job related courses	In apprentice programs	Personal development courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Total</b> .....	<b>33.0</b>	<b>189,543</b>	<b>76,261</b>	<b>40.2</b>	<b>6.1</b>	<b>20.9</b>	<b>19.9</b>	<b>194,434</b>	<b>88,809</b>	<b>45.7</b>	<b>2.1</b>	<b>0.9</b>	<b>9.4</b>	<b>23.1</b>	<b>1.8</b>	<b>22.8</b>
<b>Sex</b>																
Men .....	32.6	90,256	34,450	38.2	5.6	21.8	15.8	92,946	40,204	43.3	2.2	0.9	10.2	23.4	2.4	18.0
Women .....	33.2	99,287	41,811	42.1	6.5	20.2	23.5	101,488	48,605	47.9	2.0	0.9	8.7	22.8	1.3	27.1
<b>Age</b>																
17 to 24 years .....	37.8	22,407	10,539	47.0	12.6	14.7	21.5	25,276	13,029	51.5	9.8	0.9	14.7	18.9	5.1	21.5
25 to 29 years .....	40.0	18,988	9,420	49.6	10.9	25.5	21.0	16,403	9,308	56.7	2.7	2.4	17.9	30.8	3.2	24.8
30 to 34 years .....	37.6	21,338	10,088	47.3	8.0	26.1	23.3	18,477	10,123	54.8	1.2	1.6	12.8	28.8	2.9	25.8
35 to 39 years .....	42.1	22,494	10,737	47.7	7.5	29.1	20.9	22,384	11,215	50.1	1.3	1.5	10.8	25.6	1.7	25.7
40 to 44 years .....	49.2	19,810	10,078	50.9	7.1	31.2	24.9	22,874	11,833	51.7	0.7	0.2	9.8	33.3	1.5	24.0
45 to 49 years .....	40.0	17,463	8,499	48.7	5.7	32.5	21.1	19,283	10,138	52.6	0.8	0.7	9.5	28.2	1.2	28.6
50 to 54 years .....	26.8	14,344	6,093	42.5	3.9	26.3	19.7	17,870	8,834	49.4	0.5	0.5	6.8	28.5	0.9	25.3
55 to 59 years .....	29.0	11,096	3,577	32.2	1.7	17.8	17.3	14,058	5,483	39.0	0.3	0.2	5.7	23.6	0.4	17.6
60 to 64 years .....	17.4	10,728	2,540	23.7	0.6	10.6	15.2	10,252	3,520	34.3	( <sup>3</sup> )	1.2	3.3	14.5	0.3	21.5
65 to 69 years .....	14.2	10,215	1,850	18.1	0.2	4.0	15.3	9,143	2,229	24.4	0.2	0.3	1.3	7.1	( <sup>3</sup> )	18.2
70 years and over .....	8.6	20,661	2,841	13.8	0.1	1.4	12.6	18,415	3,098	16.8	0.8	( <sup>3</sup> )	1.7	2.2	( <sup>3</sup> )	12.8
<b>Racial/ethnic group</b>																
White, non-Hispanic ...	34.1	144,587	59,982	41.5	6.0	22.8	20.8	143,679	65,547	45.6	1.4	0.1	8.9	24.4	1.3	23.6
Black, non-Hispanic ...	25.9	20,806	7,704	37.0	7.3	16.2	18.9	22,129	10,803	48.8	4.9	0.5	11.1	21.1	3.6	24.9
Hispanic .....	31.4	15,689	5,281	33.7	4.8	11.8	13.8	19,491	7,981	40.9	3.4	6.2	9.1	14.2	3.9	15.1
Asian American/Pacific Islander .....	35.9	4,377	1,739	39.7	6.5	18.1	15.9	5,328	2,789	52.3	1.6	4.8	17.6	28.4	0.4	22.1
American Indian/Alaskan Native .....	29.3	1,155	448	38.8	9.3	20.6	21.6	990	369	37.3	( <sup>3</sup> )	( <sup>3</sup> )	11.2	20.8	3.2	14.0
<b>Highest level of education completed</b>																
Eighth grade or less ...	7.7	12,808	1,283	10.0	0.1	1.9	4.9	11,078	1,527	13.8	3.1	5.2	0.2	1.3	0.4	5.8
9th to 12th grade, no diploma .....	15.8	16,511	3,332	20.2	0.8	4.9	9.2	21,375	5,578	26.1	9.5	1.1	3.1	5.6	1.7	9.4
High school diploma ...	24.1	62,956	19,341	30.7	3.6	13.9	15.4	53,488	19,693	36.8	2.3	0.6	7.3	16.5	2.2	18.3
Some vocational/technical .....	34.2	6,327	2,648	41.9	5.4	21.9	21.1	6,319	2,629	41.6	2.3	1.6	7.3	21.0	2.7	22.4
Some college .....	41.4	34,433	16,978	49.3	12.1	22.3	25.3	35,147	18,220	51.8	0.8	0.3	13.4	22.5	2.8	28.0
Associate degree .....	49.2	9,975	5,601	56.1	10.9	32.1	27.4	11,377	6,735	59.2	( <sup>3</sup> )	0.6	18.3	35.8	2.1	25.0
Bachelor's degree .....	51.1	26,858	15,286	56.9	7.1	36.1	27.0	29,890	18,018	60.3	—	0.4	10.6	37.0	1.0	30.4
Some graduate work (or study) .....	55.1	19,677	11,792	59.9	8.5	40.4	29.1	25,761	16,408	63.7	—	0.6	12.7	40.1	1.1	33.6
No degree .....	—	4,123	2,563	62.2	15.2	32.5	33.5	4,678	2,990	63.9	—	( <sup>3</sup> )	19.9	43.5	0.7	30.4
Master's .....	—	10,522	6,219	59.1	8.1	41.0	29.0	13,461	9,059	67.3	—	0.8	13.4	40.6	0.9	38.0
Doctor's .....	—	2,564	1,384	54.0	4.7	35.0	25.1	4,817	2,444	50.7	—	0.9	6.8	27.6	2.3	28.1
Professional .....	—	2,467	1,626	65.9	3.0	56.6	26.0	2,804	1,915	68.3	—	( <sup>3</sup> )	7.9	53.1	0.6	27.3
<b>Metropolitan area</b>																
Inside metropolitan area .....	34.5	142,522	59,627	41.8	6.5	22.0	20.3	146,184	69,281	47.4	2.2	1.1	9.4	24.4	1.9	22.9
Inside central city ...	—	118,170	49,996	42.3	6.7	22.7	20.2	125,107	60,023	48.0	2.2	1.2	9.7	24.8	2.0	23.3
Outside central city .....	—	24,352	9,630	39.5	5.6	18.4	21.1	21,077	9,258	43.9	1.9	0.4	7.9	21.8	1.4	20.9
Outside metropolitan area .....	28.3	47,021	16,634	35.4	4.9	17.9	18.5	48,250	19,528	40.5	1.8	0.2	9.3	19.2	1.6	22.3
<b>Labor force status</b>																
In labor force .....	40.7	125,982	62,717	49.8	8.1	29.8	21.7	140,190	74,282	53.0	2.2	0.6	11.9	30.4	2.2	23.6
Employed .....	42.0	117,826	59,734	50.7	8.2	31.1	22.0	132,227	70,849	53.6	1.8	0.5	11.9	31.5	2.2	23.8
Unemployed .....	26.0	8,155	2,983	36.6	5.5	11.1	17.4	7,963	3,433	43.1	8.2	1.9	12.2	12.0	2.5	20.2
Not in labor force .....	15.7	63,562	13,544	21.3	2.2	3.4	16.2	54,244	14,527	26.8	1.8	1.5	2.9	4.2	0.8	20.7
<b>Occupation</b>																
Executive, administrative, or managerial ...	49.3	13,098	7,313	55.8	7.3	42.1	23.1	28,665	15,986	55.8	( <sup>3</sup> )	0.4	10.1	37.3	1.2	24.7
Engineers, surveyors, and architects .....	62.6	1,756	1,150	65.5	14.1	44.6	23.3	1,872	1,528	81.6	( <sup>3</sup> )	( <sup>3</sup> )	29.6	55.4	5.3	27.5
Natural scientists and mathematicians .....	48.2	1,743	1,261	72.3	9.9	58.6	24.8	2,387	1,665	69.7	( <sup>3</sup> )	( <sup>3</sup> )	12.7	53.8	1.8	22.1
Social scientists and workers, lawyers .....	55.6	2,530	1,938	76.6	11.5	59.4	32.3	3,216	2,608	81.1	( <sup>3</sup> )	( <sup>3</sup> )	13.1	60.2	0.4	38.0
Teachers, elementary and secondary .....	55.0	5,414	4,155	76.7	16.6	52.4	36.9	6,778	5,319	78.5	( <sup>3</sup> )	( <sup>3</sup> )	23.0	51.8	0.6	37.7
Teachers, postsecondary .....	45.5	1,254	687	54.8	4.1	40.8	26.0	2,582	1,776	68.8	0.3	2.3	16.6	41.8	2.3	48.1
Physicians, dentists, veterinarians .....	67.1	859	611	71.1	1.2	67.1	19.0	—	—	—	—	—	—	—	—	—
Registered nurses, pharmacists .....	59.6	2,337	2,026	86.7	10.6	71.3	33.6	3,034	2,571	84.7	( <sup>3</sup> )	( <sup>3</sup> )	15.2	72.8	0.1	42.5
Writers, artists, entertainers, and athletes .....	42.9	1,874	934	49.9	7.7	23.1	30.0	2,388	1,233	51.6	0.4	( <sup>3</sup> )	15.1	30.8	1.8	21.7
Health technologists and technicians .....	68.6	1,697	1,270	74.8	12.8	47.5	33.0	2,077	1,445	69.6	1.7	0.6	21.8	42.9	5.3	35.9

**Table 363.—Participation in adult education during the previous 12 months by adults 17 years old and older, by selected characteristics of participants: 1991, 1995, and 1999—Continued**

Characteristics of participants	Percent participating in any program, 1991	1995						1999								
		Population, in thousands	Adult education participants, in thousands <sup>1</sup>	Percent participating <sup>2</sup>				Population, in thousands	Adult education participants, in thousands <sup>1</sup>	Percent participating <sup>2</sup>						
				In any program	In part-time post-secondary education	In career or job related courses	Personal development courses			In any program	In basic education	In English as a second language	In part-time post-secondary education	In career or job related courses	In apprentice programs	Personal development courses
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Technologists, except health .....	55.4	3,543	2,279	64.3	13.5	41.3	28.7	5,237	3,193	61.0	( <sup>3</sup> )	0.3	21.1	40.7	8.5	21.1
Marketing and sales occupations .....	34.4	18,174	8,038	44.2	6.8	23.2	20.4	14,626	7,139	48.8	1.7	0.1	6.3	22.7	1.6	29.2
Administrative support, including clerical .....	29.9	22,968	11,867	51.7	9.5	28.9	24.7	22,276	11,149	50.1	3.1	0.3	9.9	26.0	0.6	23.1
Service occupations ...	25.2	20,072	9,342	46.5	9.0	20.9	22.8	18,192	9,231	50.7	6.9	1.1	13.4	18.6	2.2	23.3
Agriculture, forestry, and fishing .....	14.3	2,336	616	26.4	1.6	11.5	15.6	2,532	953	37.6	3.4	2.0	8.4	15.6	6.4	11.7
Mechanics and repairers .....	32.1	4,692	2,231	47.6	7.1	27.7	15.6	4,519	2,001	44.3	2.0	( <sup>3</sup> )	15.9	16.3	4.5	23.0
Construction and extractive occupations	21.9	6,100	2,319	38.0	4.3	17.6	18.0	5,200	1,779	34.2	2.3	2.1	10.7	12.3	6.3	12.0
Precision production occupations .....	31.2	1,875	807	43.0	5.5	23.2	16.1	1,460	629	43.1	1.1	1.8	7.8	17.6	10.9	23.8
Production workers .....	21.1	9,483	2,908	30.7	5.8	14.7	10.7	10,121	3,803	37.6	2.9	0.8	6.8	18.5	1.7	17.2
Transportation, material moving .....	20.7	5,311	1,507	28.4	3.5	15.5	11.9	5,476	1,981	36.2	4.3	0.8	5.7	17.5	3.7	12.9
Handler, equipment, cleaners, helpers, and laborers .....	20.8	2,456	617	25.1	3.1	11.1	9.7	3,683	849	23.1	1.1	2.1	6.3	5.6	1.2	5.0
Miscellaneous occupations .....	—	2,311	1,308	56.6	7.9	35.4	22.6	2,161	974	45.1	( <sup>3</sup> )	2.7	14.3	15.6	2.7	24.7
<b>Annual family income</b>																
\$5,000 or less .....	13.6	12,638	2,689	21.3	3.3	4.1	11.8	5,306	1,029	19.4	4.1	1.3	2.5	5.0	0.4	10.6
\$5,001 to \$10,000 .....	17.5	17,560	4,194	23.9	4.0	6.7	13.2	9,029	2,165	24.0	5.3	1.0	3.8	4.6	1.2	13.9
\$10,001 to \$15,000 .....	22.8	13,523	3,610	26.7	4.0	8.7	14.8	11,113	2,568	23.1	3.0	2.5	6.2	5.0	1.3	11.2
\$15,001 to \$20,000 .....	21.9	13,116	4,176	31.8	5.4	13.0	15.8	12,572	4,055	32.3	4.4	2.1	5.9	10.8	1.6	17.8
\$20,001 to \$25,000 .....	26.7	13,812	4,339	31.4	4.8	13.3	17.0	13,864	5,039	36.3	1.9	1.5	8.0	12.5	3.0	18.6
\$25,001 to \$30,000 .....	32.1	16,386	6,208	37.9	6.5	17.1	19.2	16,794	6,460	38.5	2.7	1.5	7.7	17.2	3.4	15.9
\$30,001 to \$40,000 .....	35.6	28,628	12,220	42.7	6.9	22.1	22.0	24,965	11,174	44.8	0.9	0.9	11.9	20.0	1.7	22.2
\$40,001 to \$50,000 .....	44.8	20,446	9,567	46.8	6.8	27.0	22.4	19,816	9,354	47.2	0.6	0.7	11.6	26.6	2.5	23.1
\$50,001 to \$75,000 .....	46.6	29,161	15,169	52.0	7.6	32.8	23.6	34,643	19,657	56.7	1.4	0.2	11.6	31.1	1.7	29.9
More than \$75,000 .....	48.7	24,274	14,089	58.0	7.7	37.3	26.8	46,332	27,310	58.9	2.0	0.3	10.1	35.9	1.2	28.5

<sup>1</sup> 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.

<sup>2</sup> Any participation includes adult basic education, English as a second language, and apprentice programs not shown separately.

<sup>3</sup> Less than 0.05 percent.

—Data not available or not applicable.

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 October 1999.)



**Table 364.—Participants in adult basic and secondary education programs, by level of enrollment and state: Fiscal years 1980, 1990, and 1996**

State or other area	1980				1990			1996		
	Total	Level of enrollment			Total	Level of enrollment		Total	Level of enrollment	
		Adult basic education	Adult secondary education	Ungraded		Adult basic education <sup>1</sup>	Adult secondary education		Adult basic education <sup>1</sup>	Adult secondary education
1	2	3	4	5	6	7	8	9	10	11
<b>United States</b> .....	<b>2,018,906</b>	<b>915,936</b>	<b>531,663</b>	<b>571,307</b>	<b>3,535,970</b>	<b>2,435,649</b>	<b>1,100,321</b>	<b>4,042,172</b>	<b>3,113,694</b>	<b>928,478</b>
Alabama .....	51,599	36,726	12,372	2,501	40,177	32,984	7,193	54,191	41,071	13,120
Alaska .....	5,667	2,200	2,188	1,279	5,067	4,267	800	7,147	5,628	1,519
Arizona .....	9,996	9,968	22	6	33,805	24,915	8,890	56,246	42,753	13,493
Arkansas .....	8,583	7,308	1,275	—	29,065	17,103	11,962	43,315	24,554	18,761
California .....	267,625	60,385	—	207,240	1,021,227	753,282	267,945	1,291,370	1,227,785	63,585
Colorado .....	9,381	4,295	2,644	2,442	12,183	9,877	2,306	15,458	12,686	2,772
Connecticut .....	21,889	8,882	4,805	8,202	46,434	25,560	20,874	27,941	16,670	11,271
Delaware .....	1,797	1,110	503	184	2,662	2,348	314	3,956	3,497	459
District of Columbia .....	25,214	4,928	6,502	13,784	19,586	12,631	6,955	7,128	6,734	394
Florida .....	467,162	100,958	184,568	181,636	419,429	249,339	170,090	450,575	307,007	143,568
Georgia .....	50,820	26,734	17,008	7,078	69,580	49,622	19,958	91,845	64,660	27,185
Hawaii .....	16,457	16,457	—	—	52,012	31,766	20,246	62,897	29,738	33,159
Idaho .....	12,851	8,915	3,010	926	11,171	9,180	1,991	10,472	8,398	2,074
Illinois .....	76,456	59,314	17,142	—	87,121	69,770	17,351	99,706	83,770	15,936
Indiana .....	20,882	18,127	2,660	95	44,166	27,138	17,028	39,886	26,814	13,072
Iowa .....	25,851	16,928	5,153	3,770	41,507	30,470	11,037	38,810	27,943	10,867
Kansas .....	14,405	3,687	7,436	3,282	10,274	9,191	1,083	13,927	10,544	3,383
Kentucky .....	27,800	6,147	4,735	16,918	28,090	20,406	7,684	31,685	24,180	7,505
Louisiana .....	16,046	12,608	2,485	953	40,039	20,941	19,098	47,712	27,765	19,947
Maine .....	5,327	3,029	942	1,356	14,964	6,620	8,344	17,097	7,325	9,772
Maryland .....	34,572	23,421	6,043	5,108	41,230	36,244	4,986	28,478	19,660	8,818
Massachusetts .....	20,420	10,241	5,044	5,135	34,220	28,140	6,080	13,295	10,705	2,590
Michigan .....	40,973	29,945	—	11,028	194,178	80,206	113,972	141,733	62,303	79,430
Minnesota .....	10,826	8,627	877	1,322	45,648	33,190	12,458	37,734	27,888	9,846
Mississippi .....	14,317	10,340	2,918	1,059	18,957	15,834	3,123	27,416	21,298	6,118
Missouri .....	33,292	27,206	3,732	2,354	31,815	27,274	4,541	34,010	29,264	4,746
Montana .....	3,525	1,795	978	752	6,071	3,962	2,109	6,321	3,885	2,436
Nebraska .....	7,514	5,152	2,362	—	6,158	5,349	809	8,060	7,341	719
Nevada .....	3,063	845	82	2,136	17,262	7,270	9,992	20,994	5,098	15,896
New Hampshire .....	4,844	2,657	1,625	562	7,198	5,073	2,125	5,428	3,190	2,238
New Jersey .....	35,770	17,152	6,790	11,828	64,080	46,526	17,554	38,166	31,756	6,410
New Mexico .....	13,102	3,590	5,147	4,365	30,236	18,069	12,167	36,617	21,779	14,838
New York .....	94,574	57,217	20,002	17,355	156,611	125,893	30,718	201,321	159,051	42,270
North Carolina .....	84,252	33,854	46,679	3,719	109,740	71,698	38,042	117,827	84,482	33,345
North Dakota .....	2,810	1,963	538	309	3,587	2,500	1,087	3,229	2,280	949
Ohio .....	50,056	42,421	7,635	—	95,476	79,527	15,949	107,701	90,280	17,421
Oklahoma .....	14,701	6,983	5,697	2,021	24,307	19,131	5,176	30,198	23,518	6,680
Oregon .....	27,645	10,690	12,594	4,361	37,075	24,915	12,160	37,479	23,675	13,804
Pennsylvania .....	29,477	19,246	6,436	3,795	52,444	40,108	12,336	51,938	34,983	16,955
Rhode Island .....	5,844	2,266	1,357	2,221	7,347	5,874	1,473	5,807	4,567	1,240
South Carolina .....	69,659	27,959	35,165	6,535	81,200	37,117	44,083	106,470	43,371	63,099
South Dakota .....	4,067	2,080	1,109	878	3,184	2,458	726	4,678	3,704	974
Tennessee .....	26,268	17,079	3,244	5,945	41,721	39,604	2,117	50,889	38,339	12,550
Texas .....	157,349	94,245	51,126	11,978	218,747	145,067	73,680	236,347	188,942	47,405
Utah .....	18,541	3,756	14,785	—	24,841	6,003	18,838	35,127	14,704	20,423
Vermont .....	4,583	3,990	—	593	4,808	4,452	356	4,696	4,319	377
Virginia .....	21,525	10,480	3,804	7,241	31,649	30,005	1,644	25,410	17,303	8,107
Washington .....	16,286	7,245	3,894	5,147	31,776	25,336	6,440	45,235	40,537	4,698
West Virginia .....	14,628	9,743	3,672	1,213	21,186	14,227	<sup>2</sup> 6,959	24,712	18,505	6,207
Wisconsin .....	16,158	14,185	1,973	—	61,081	45,116	15,965	73,231	55,055	18,176
Wyoming .....	2,457	857	905	695	3,578	2,071	<sup>2</sup> 1,507	3,860	2,412	1,448
<b>Outlying areas</b>										
American Samoa .....	313	252	61	—	—	—	—	—	—	—
Northern Marianas .....	—	—	—	—	—	—	—	366	181	185
Guam .....	1,346	612	471	263	1,311	414	<sup>2</sup> 897	1,365	372	993
Puerto Rico .....	30,164	17,844	9,010	3,310	28,436	28,436	—	63,345	19,052	44,293
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	1,325	373	952

<sup>1</sup> Includes English as a second language.  
<sup>2</sup> Estimated.

—Data not available or not applicable.

Education Programs;" Office of Vocational and Adult Education, Division of Adult Education and Literacy, "Adult Education Program Facts, Program Year 1990-1991," and "1996 Enrollment of Participants by Instructional Programs." (This table was prepared July 1999.)

**Table 365.—Non-degree granting institutions offering postsecondary education, by control and state:  
1996–97 and 1997–98**

State or other area	1996–97					1997–98				
	Total	Public	Private			Total	Public	Private		
			Total	Nonprofit	Proprietary			Total	Nonprofit	Proprietary
1	2	3	4	5	6	7	8	9	10	11
<b>United States .....</b>	<b>5,828</b>	<b>467</b>	<b>5,361</b>	<b>1,162</b>	<b>4,199</b>	<b>5,568</b>	<b>545</b>	<b>5,023</b>	<b>1,101</b>	<b>3,922</b>
Alabama .....	54	6	48	8	40	50	5	45	8	37
Alaska .....	30	3	27	6	21	27	3	24	5	19
Arizona .....	92	1	91	11	80	89	1	88	11	77
Arkansas .....	63	8	55	9	46	63	8	55	9	46
California .....	965	32	933	221	712	885	32	853	203	650
Colorado .....	121	7	114	23	91	108	7	101	19	82
Connecticut .....	99	2	97	22	75	95	15	80	15	65
Delaware .....	12	1	11	2	9	11	1	10	2	8
District of Columbia .....	19	0	19	10	9	19	0	19	11	8
Florida .....	308	41	267	52	215	290	43	247	52	195
Georgia .....	117	24	93	18	75	110	20	90	20	70
Hawaii .....	20	1	19	2	17	19	1	18	2	16
Idaho .....	21	0	21	1	20	20	0	20	1	19
Illinois .....	253	10	243	54	189	229	10	219	51	168
Indiana .....	86	8	78	11	67	85	8	77	12	65
Iowa .....	53	0	53	14	39	48	0	48	11	37
Kansas .....	44	7	37	6	31	43	7	36	6	30
Kentucky .....	107	21	86	8	78	122	36	86	10	76
Louisiana .....	103	12	91	13	78	87	5	82	14	68
Maine .....	23	0	23	8	15	22	0	22	9	13
Maryland .....	110	0	110	19	91	98	1	97	18	79
Massachusetts .....	175	11	164	41	123	165	14	151	34	117
Michigan .....	242	5	237	39	198	215	4	211	34	177
Minnesota .....	60	2	58	16	42	61	3	58	17	41
Mississippi .....	36	0	36	4	32	32	0	32	4	28
Missouri .....	143	29	114	22	92	145	39	106	21	85
Montana .....	33	0	33	7	26	32	0	32	8	24
Nebraska .....	42	0	42	6	36	41	0	41	6	35
Nevada .....	65	0	65	1	64	72	2	70	1	69
New Hampshire .....	17	0	17	3	14	18	0	18	5	13
New Jersey .....	163	12	151	33	118	166	15	151	29	122
New Mexico .....	29	1	28	3	25	27	0	27	4	23
New York .....	340	31	309	121	188	325	40	285	111	174
North Carolina .....	73	4	69	10	59	71	3	68	9	59
North Dakota .....	12	0	12	4	8	11	0	11	3	8
Ohio .....	240	53	187	58	129	236	54	182	56	126
Oklahoma .....	107	33	74	2	72	114	46	68	1	67
Oregon .....	85	0	85	8	77	75	0	75	6	69
Pennsylvania .....	313	32	281	103	178	313	43	270	98	172
Rhode Island .....	30	0	30	8	22	30	0	30	7	23
South Carolina .....	47	1	46	9	37	48	2	46	8	38
South Dakota .....	9	0	9	3	6	9	0	9	4	5
Tennessee .....	124	27	97	18	79	117	27	90	16	74
Texas .....	328	4	324	43	281	311	7	304	42	262
Utah .....	41	6	35	2	33	40	6	34	2	32
Vermont .....	7	0	7	3	4	7	0	7	4	3
Virginia .....	139	11	128	33	95	136	12	124	34	90
Washington .....	90	2	88	8	80	87	2	85	11	74
West Virginia .....	60	16	44	14	30	67	21	46	14	32
Wisconsin .....	71	3	68	22	46	70	2	68	23	45
Wyoming .....	7	0	7	0	7	7	0	7	0	7
Outlying areas .....	85	7	78	10	68	89	8	81	13	68
American Samoa .....	0	0	0	0	0	0	0	0	0	0
Guam .....	0	0	0	0	0	0	0	0	0	0
Northern Marianas .....	0	0	0	0	0	0	0	0	0	0
Palau .....	0	0	0	0	0	0	0	0	0	0
Puerto Rico .....	85	7	78	10	68	89	8	81	13	68
Virgin Islands .....	0	0	0	0	0	0	0	0	0	0

NOTE.—Includes all non-degree granting institutions and institutions that granted degrees, but were not 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), "Institutional Characteristics" surveys. (This table was prepared July 1999.)