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**Fall Enrollment in Title IV  
Degree-Granting Postsecondary  
Institutions: 1998**

**Frank B. Morgan  
Postsecondary Studies Division**

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**U.S. Department of Education  
Office of Educational Research and Improvement**

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## Summary

This report presents data on student enrollment in postsecondary education institutions in the 50 states and the District of Columbia for fall 1998. The data are from the Integrated Postsecondary Education Data System (IPEDS) of the National Center for Education Statistics (NCES).

Enrollment data were collected through two IPEDS surveys. The “Fall Enrollment Survey” (IPEDS-EF:98) was sent to all institutions that award associate's or higher level degrees or postbaccalaureate or higher level certificates and that have a Title IV Program Participation Agreement (PPA) with the Department of Education. Postsecondary institutions that award only certificates or diplomas requiring less than 4 years to complete reported enrollment as part of their IPEDS “Consolidated Survey” (IPEDS-CN:98). Combining data from these two surveys provides a complete picture of enrollment in postsecondary education institutions in the 50 states, the District of Columbia, and the U.S. territories.

This report focuses on institutions that (1) have a PPA with the Department of Education and thus are eligible to participate in Title IV programs,<sup>1</sup> (2) grant associate's or higher level degrees, and (3) are within the 50 states and the District of Columbia. Of the 9,355 postsecondary institutions within the 50 states and the District of Columbia identified by IPEDS, a little less than half (4,455) are categorized as degree-granting institutions. Of these, 4,015, or 90.1 percent, are Title IV institutions and form the basis for this report. Title IV of the Higher Education Act of 1965 (as amended) establishes federal financial aid programs (e.g., Pell Grants and Stafford Loans) for students attending postsecondary institutions. Students attending institutions with a PPA may be eligible either to receive Title IV funds or to defer repayment of their loans.

### Characteristics of Enrolled Students

In the fall of 1998, 14.9 million students were enrolled in the 6,333 Title IV postsecondary institutions in the 50 states and the District of Columbia. Of these, 97.2 percent were enrolled in degree-granting institutions. Over three-fourths of the 14.9 million students attended public institutions; of these students, 98.3 percent attended degree-granting institutions and 1.7 percent were enrolled in non-degree-granting institutions. Nearly 21 percent of students in Title IV degree-granting institutions were enrolled in private not-for-profit institutions and 2.5 percent attended private for-profit institutions. Of those students enrolled in non-degree-granting institutions, 45.2 percent were enrolled in private for-profit institutions (table A).

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<sup>1</sup> In the remainder of this report, these are referred to as Title IV institutions.

**Table A.—Total enrollment in Title IV postsecondary institutions, by degree-granting status, control and level of institution, and race/ethnicity of student: 50 states and District of Columbia, fall 1998**

Control and level of institution, and race/ethnicity of student	All institutions		Degree-granting		Non-degree-granting	
	Number	Percent	Number	Percent	Number	Percent
All institutions	14,946,908	100.0	14,530,036	100.0	416,872	100.0
Public	11,353,880	76.0	11,160,838	76.8	193,042	46.3
Private not-for-profit	3,040,251	20.3	3,004,925	20.7	35,326	8.5
Private for-profit	552,777	3.7	364,273	2.5	188,504	45.2
4-year	9,018,970	60.3	9,017,653	62.1	1,317	0.3
2-year	5,683,681	38.0	5,512,383	37.9	171,298	41.1
Less-than-2-year	244,257	1.6	(†)	(†)	244,257	58.6
All students	14,946,908	100.0	14,530,036	100.0	416,872	100.0
White, non-Hispanic	10,436,520	69.8	10,195,494	70.2	241,026	57.8
Total minority	4,063,388	27.2	3,890,938	26.8	172,450	41.4
Black, non-Hispanic	1,666,516	11.1	1,584,902	10.9	81,614	19.6
Hispanic	1,323,990	8.9	1,259,586	8.7	64,404	15.4
Asian/Pacific Islander	921,183	6.2	901,896	6.2	19,287	4.6
American Indian/Alaskan Native	151,699	1.0	144,554	1.0	7,145	1.7
Nonresident alien	447,000	3.0	443,604	3.1	3,396	0.8

† Not applicable. All less-than-2-year institutions are non-degree-granting.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

About 3 percent of students enrolled in Title IV degree-granting postsecondary institutions were nonresident aliens (individuals who are in the United States on temporary visas). Of the remainder, 70.2 percent were White, non-Hispanic; 10.9 percent were Black, non-Hispanic; 8.7 percent were Hispanic; 6.2 percent were Asian/Pacific Islander; and 1.0 percent were American Indian/Alaskan Native. With the exception of Asian/Pacific Islanders, minority<sup>2</sup> students represented a higher proportion of the enrollment at Title IV non-degree-granting institutions than at Title IV degree-granting institutions (table A).

A larger percentage of all students in Title IV degree-granting institutions were women (56.1 percent). Similarly, the majority of undergraduate (56.2 percent) and graduate (57.3 percent) students were women. However, women made up only 44.2 percent of first-professional students.<sup>3</sup> Within each of the racial/ethnic groups, women composed the majority at all student levels except first-professional, with the exception of Blacks, where women were the majority at all levels (table B).

Overall, the majority of students (59.0 percent) were enrolled on a full-time basis. Compared to other racial/ethnic groups, Hispanics were generally more likely to be enrolled on a part-time basis, with nearly half (49.4 percent) of all Hispanic students attending school part time. However, there were some differences from this pattern at the graduate and first-professional levels. For example, at the graduate and first-professional levels, Hispanic students were more likely to enroll on a full-time basis than were Black or White students. Asian/Pacific Islanders were more likely to attend full time than any other racial/ethnic group at all student levels (table C).

### **Residence and Migration of First-Time, First-Year Undergraduate Students**

The 1998 IPEDS “Fall Enrollment” survey also collected enrollment data by state of residence<sup>4</sup> for all first-time, first-year undergraduate students, including those who had graduated from high school in the 12 months preceding the fall of 1998.

The percentage of first-time, first-year undergraduates who left their state of residence to attend a postsecondary institution varied considerably by state, ranging from a low of 6.3 percent for Mississippi to a high of 62.7 percent for the District of Columbia. Other states with 10 percent or less of their first-time, first-year students leaving the state were Alabama (9.4 percent), Arizona (7.8 percent), California (8.0 percent), Louisiana (9.2 percent), Michigan (9.7 percent), North Carolina (7.9 percent), Oklahoma (9.7 percent), Texas (8.3 percent), and Utah (7.9 percent). In addition to the District of Columbia, states that had 30 percent or more of their first-time, first-year undergraduates

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<sup>2</sup> Nonresident aliens are not included as minority students, but are categorized separately.

<sup>3</sup> First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

<sup>4</sup> A student’s state of residence is the state identified by the student as his/her permanent address at the time of application to the institution. This may be the legal residence of a parent or guardian, or the state in which the student has a driver’s license or is registered to vote. It is not necessarily the state in which the student’s high school is located.

**Table B.—Percentage distribution of enrollment in Title IV degree-granting institutions, by race/ethnicity, student level, and gender: 50 states and District of Columbia, fall 1998**

Student level	Gender	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
Total enrollment	Men	43.9	44.2	36.9	42.9	48.2	41.0	57.4
	Women	56.1	55.8	63.1	57.1	51.8	59.0	42.6
Undergraduate	Men	43.8	44.4	37.3	43.0	47.9	41.0	53.4
	Women	56.2	55.6	62.7	57.0	52.1	59.0	46.6
First-time, first-year	Men	46.2	46.9	41.3	45.1	48.7	44.3	54.6
	Women	53.8	53.1	58.7	54.9	51.3	55.7	45.4
Other undergraduates	Men	43.3	43.8	36.3	42.5	47.8	40.2	53.2
	Women	56.7	56.2	63.7	57.5	52.2	59.8	46.8
First-professional *	Men	55.8	57.6	42.5	54.5	52.3	52.5	64.5
	Women	44.2	42.4	57.5	45.5	47.7	47.5	35.5
Graduate	Men	42.7	40.7	31.9	39.3	48.6	38.3	62.1
	Women	57.3	59.3	68.1	60.7	51.4	61.7	37.9

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table C.—Percentage distribution of enrollment in Title IV degree-granting institutions, by race/ethnicity, student level, and attendance status: 50 states and District of Columbia, fall 1998**

Student level	Attendance status	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
Total enrollment	Full-time	59.0	59.1	57.9	50.6	61.8	57.4	78.2
	Part-time	41.0	40.9	42.1	49.4	38.2	42.6	21.8
Undergraduate	Full-time	60.6	61.4	59.5	50.8	61.6	57.8	80.8
	Part-time	39.4	38.6	40.5	49.2	38.4	42.2	19.2
First-time, first-year	Full-time	80.2	81.6	77.4	71.2	81.0	75.2	89.5
	Part-time	19.8	18.4	22.6	28.8	19.0	24.8	10.5
Other undergraduates	Full-time	56.3	57.0	55.2	46.7	57.9	54.0	79.3
	Part-time	43.7	43.0	44.8	53.3	42.1	46.0	20.7
First-professional *	Full-time	89.6	89.3	84.1	89.4	94.8	90.1	92.4
	Part-time	10.4	10.7	15.9	10.6	5.2	9.9	7.6
Graduate	Full-time	42.6	37.7	38.2	40.3	50.8	44.6	74.6
	Part-time	57.4	62.3	61.8	59.7	49.2	55.4	25.4

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

leaving the state were Alaska (50.8 percent), Connecticut (44.6 percent), Maine (37.7 percent), New Hampshire (44.8 percent), New Jersey (36.7 percent), and Vermont (46.1 percent) (table D).

In addition to having the highest rate of out-migration, the District of Columbia also had the highest rate of in-migration, with 86.8 percent of all first-time, first-year undergraduates coming from other states. Two states reported that over half of their first-time, first-year students came from out of state: Rhode Island (55.4 percent) and Vermont (60.5 percent). Texas had the lowest percentage of first-time students from other states (9.2 percent), and two other states reported less than 10 percent from out-of-state: Illinois (9.5 percent) and Michigan (9.5 percent) (table D).

### **Changes in Enrollment Between 1997 and 1998**

Between 1997 and 1998, enrollment in Title IV degree-granting institutions increased by 0.2 percent. While enrollment at public institutions decreased slightly (down 0.3 percent), enrollment at private for-profit institutions increased by nearly 11 percent. The number of women enrolled in these institutions increased at all student levels, while the number of men decreased somewhat at all levels. When examined by race/ethnicity, the overall increase in enrollments can be traced to a rise in minority enrollment, especially among Asian/Pacific Islanders and Hispanics, whose enrollments increased by 5.0 and 3.4 percent, respectively. During the same period, the number of nonresident aliens decreased by 4.6 percent and the enrollment of Whites dropped 0.7 percent, almost offsetting the rise in minority enrollments (table E).

There was a slight increase in enrollment at all student levels, with the biggest growth in numbers at the graduate level and the greatest percentage increase at the first-professional level. Undergraduate enrollment increased by only 0.1 percent, while first-professional enrollment rose 1.4 percent and graduate enrollment increased 0.8 percent. At the undergraduate level, the change patterns were similar to those at the total level for each group of students except nonresident aliens, whose undergraduate enrollment decreased by 10.0 percent. Although, the overall enrollment percentage increase at the first-professional level was greater than at any other student level, first-professional enrollment in private for-profit schools declined by almost 12 percent. At the graduate level, enrollment in private for-profit schools increased by 21.2 percent, a much higher increase than at the undergraduate and total levels (10.2 and 10.9 percent, respectively) (table E).

**Table D.—In- and out-migration of all first-time students enrolled in Title IV degree-granting institutions, by state: 50 states and District of Columbia, fall 1998**

State	Percent of enrollment due to in-migration	Percent of enrolled residents leaving state
Alabama	18.3	9.4
Alaska	23.3	50.8
Arizona	20.5	7.8
Arkansas	14.0	12.0
California	10.7	8.0
Colorado	27.1	16.7
Connecticut	34.0	44.6
Delaware	43.4	25.9
District of Columbia	86.8	62.7
Florida	26.0	13.1
Georgia	18.7	15.0
Hawaii	15.2	23.5
Idaho	28.3	22.4
Illinois	9.5	16.7
Indiana	22.9	12.0
Iowa	21.4	11.0
Kansas	17.4	11.6
Kentucky	16.4	13.5
Louisiana	12.2	9.2
Maine	27.5	37.7
Maryland	22.7	29.9
Massachusetts	38.9	27.0
Michigan	9.5	9.7
Minnesota	40.2	26.5
Mississippi	14.8	6.3
Missouri	21.1	15.4
Montana	20.5	24.1
Nebraska	17.0	15.8
Nevada	14.4	17.4
New Hampshire	48.4	44.8
New Jersey	10.5	36.7
New Mexico	18.2	20.3
New York	18.5	17.3
North Carolina	20.0	7.9
North Dakota	31.8	17.8
Ohio	16.5	13.0
Oklahoma	14.3	9.7
Oregon	23.6	20.0
Pennsylvania	22.3	16.4
Rhode Island	55.4	29.1
South Carolina	19.0	11.4
South Dakota	22.0	21.9
Tennessee	22.8	15.6
Texas	9.2	8.3
Utah	30.3	7.9
Vermont	60.5	46.1
Virginia	27.1	20.2
Washington	13.1	17.9
West Virginia	25.5	16.6
Wisconsin	20.2	14.8
Wyoming	30.5	29.6

NOTE: First-time students are only degree-seeking, first-time, first-year students, either full-time or part-time.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table E.—Enrollment in Title IV degree-granting institutions, by student level, control of institution, gender, and race/ethnicity of student: 50 states and District of Columbia, fall 1997 and fall 1998**

	Total enrollment					Undergraduate				
	Fall 1997		Fall 1998		Percent change	Fall 1997		Fall 1998		Percent change
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
All institutions	14,502,334	100.0	14,530,036	100.0	0.2	12,450,587	100.0	12,460,006	100.0	0.1
Control of institution:										
Public	11,196,119	77.2	11,160,838	76.8	-0.3	10,007,479	80.4	9,973,281	80.0	-0.3
Private not-for-profit	2,977,614	20.5	3,004,925	20.7	0.9	2,139,824	17.2	2,152,655	17.3	0.6
Private for-profit	328,601	2.3	364,273	2.5	10.9	303,284	2.4	334,070	2.7	10.2
Gender of student:										
Men	6,396,028	44.1	6,379,054	43.9	-0.3	5,468,532	43.9	5,455,922	43.8	-0.2
Women	8,106,306	55.9	8,150,982	56.1	0.6	6,982,055	56.1	7,004,084	56.2	0.3
Race/ethnicity of student:										
White, non-Hispanic	10,266,122	70.8	10,195,494	70.2	-0.7	8,783,903	70.6	8,720,288	70.0	-0.7
Minority:	3,771,210	26.0	3,890,938	26.8	3.2	3,398,505	27.3	3,498,350	28.1	2.9
Black, non-Hispanic	1,551,044	10.7	1,584,902	10.9	2.2	1,398,058	11.2	1,423,706	11.4	1.8
Hispanic	1,218,493	8.4	1,259,586	8.7	3.4	1,125,924	9.0	1,162,303	9.3	3.2
Asian/Pacific Islander	859,206	5.9	901,896	6.2	5.0	743,706	6.0	779,730	6.3	4.8
Amer. Indian/Alaskan Native	142,467	1.0	144,554	1.0	1.5	130,817	1.1	132,611	1.1	1.4
Nonresident Alien	465,002	3.2	443,604	3.1	-4.6	268,179	2.2	241,368	1.9	-10.0

	First-professional *					Graduate				
	Fall 1997		Fall 1998		Percent change	Fall 1997		Fall 1998		Percent change
	Number	Percent	Number	Percent		Number	Percent	Number	Percent	
All institutions	298,258	100.0	302,473	100.0	1.4	1,753,489	100.0	1,767,557	100.0	0.8
Control of institution:										
Public	118,249	39.6	120,698	39.9	2.1	1,070,391	61.0	1,066,859	60.4	-0.3
Private not-for-profit	178,544	59.9	180,482	59.7	1.1	659,246	37.6	671,788	38.0	1.9
Private for-profit	1,465	0.5	1,293	0.4	-11.7	23,852	1.4	28,910	1.6	21.2
Gender of student:										
Men	169,627	56.9	168,846	55.8	-0.5	757,869	43.2	754,286	42.7	-0.5
Women	128,631	43.1	133,627	44.2	3.9	995,620	56.8	1,013,271	57.3	1.8
Race/ethnicity of student:										
White, non-Hispanic	220,386	73.9	220,943	73.0	0.3	1,261,833	72.0	1,254,263	71.0	-0.6
Minority:	70,414	23.6	74,122	24.5	5.3	302,291	17.2	318,466	18.0	5.4
Black, non-Hispanic	21,364	7.2	22,460	7.4	5.1	131,622	7.5	138,736	7.8	5.4
Hispanic	13,865	4.6	14,362	4.7	3.6	78,704	4.5	82,921	4.7	5.4
Asian/Pacific Islander	32,903	11.0	35,119	11.6	6.7	82,597	4.7	87,047	4.9	5.4
Amer. Indian/Alaskan Native	2,282	0.8	2,181	0.7	-4.4	9,368	0.5	9,762	0.6	4.2
Nonresident Alien	7,458	2.5	7,408	2.4	-0.7	189,365	10.8	194,828	11.0	2.9

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).





# **Compendium of Tables**



**Table 1.—Total enrollment in Title IV postsecondary institutions, by degree-granting status, level and control of institution, race/ethnicity, gender, and attendance status of students: 50 states and District of Columbia, fall 1998**

Level and control of institution, race/ethnicity, gender, and attendance status of student	All institutions	Degree-granting	Non-degree-granting
Number enrolled			
All institutions	14,946,908	14,530,036	416,872
Level and control of institution			
4-year, public	5,891,953	5,891,806	147
4-year, private not-for-profit	2,939,859	2,939,055	804
4-year, private for-profit	187,158	186,792	366
2-year, public	5,377,429	5,269,032	108,397
2-year, private not-for-profit	90,657	65,870	24,787
2-year, private for-profit	215,595	177,481	38,114
Less-than-2-year, public	84,498	(†)	84,498
Less-than-2-year, private not-for-profit	9,735	(†)	9,735
Less-than-2-year, private for-profit	150,024	(†)	150,024
Race/ethnicity			
White, non-Hispanic	10,436,520	10,195,494	241,026
Black, non-Hispanic	1,666,516	1,584,902	81,614
Hispanic	1,323,990	1,259,586	64,404
Asian/Pacific Islander	921,183	901,896	19,287
American Indian/Alaskan Native	151,699	144,554	7,145
Nonresident alien	447,000	443,604	3,396
Gender			
Men	6,533,772	6,379,054	154,718
Women	8,413,136	8,150,982	262,154
Attendance status			
Full-time	8,844,836	8,570,382	274,454
Part-time	6,102,072	5,959,654	142,418
Percentage distribution			
All institutions	100.0	100.0	100.0
Level and control of institution			
4-year, public	39.4	40.5	#
4-year, private not-for-profit	19.7	20.2	0.2
4-year, private for-profit	1.3	1.3	0.1
2-year, public	36.0	36.3	26.0
2-year, private not-for-profit	0.6	0.5	5.9
2-year, private for-profit	1.4	1.2	9.1
Less-than-2-year, public	0.6	(†)	20.3
Less-than-2-year, private not-for-profit	0.1	(†)	2.3
Less-than-2-year, private for-profit	1.0	(†)	36.0
Race/ethnicity			
White, non-Hispanic	69.8	70.2	57.8
Black, non-Hispanic	11.1	10.9	19.6
Hispanic	8.9	8.7	15.4
Asian/Pacific Islander	6.2	6.2	4.6
American Indian/Alaskan Native	1.0	1.0	1.7
Nonresident alien	3.0	3.1	0.8
Gender			
Men	43.7	43.9	37.1
Women	56.3	56.1	62.9
Attendance status			
Full-time	59.2	59.0	65.8
Part-time	40.8	41.0	34.2

† Not applicable. All less-than-2-year institutions are non-degree-granting.

# Less than 0.05 percent

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 2.—Total enrollment in Title IV degree-granting institutions, by race/ethnicity, gender, attendance status, and student level: 50 states and District of Columbia, fall 1998**

Gender, attendance status, and student level	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
All institutions	14,530,036	10,195,494	1,584,902	1,259,586	901,896	144,554	443,604
Undergraduate	12,460,006	8,720,288	1,423,706	1,162,303	779,730	132,611	241,368
First-time, first-year	2,215,690	1,565,041	272,330	194,732	124,020	23,829	35,738
Other undergraduates	10,244,316	7,155,247	1,151,376	967,571	655,710	108,782	205,630
First-professional *	302,473	220,943	22,460	14,362	35,119	2,181	7,408
Graduate	1,767,557	1,254,263	138,736	82,921	87,047	9,762	194,828
Full-time	8,570,382	6,027,422	918,366	637,114	557,447	82,946	347,087
Undergraduate	7,545,755	5,356,838	846,486	590,880	479,938	76,624	194,989
First-time, first-year	1,777,005	1,277,284	210,737	138,570	100,507	17,926	31,981
Other undergraduates	5,768,750	4,079,554	635,749	452,310	379,431	58,698	163,008
First-professional *	271,049	197,223	18,891	12,845	33,282	1,965	6,843
Graduate	753,578	473,361	52,989	33,389	44,227	4,357	145,255
Part-time	5,959,654	4,168,072	666,536	622,472	344,449	61,608	96,517
Undergraduate	4,914,251	3,363,450	577,220	571,423	299,792	55,987	46,379
First-time, first-year	438,685	287,757	61,593	56,162	23,513	5,903	3,757
Other undergraduates	4,475,566	3,075,693	515,627	515,261	276,279	50,084	42,622
First-professional *	31,424	23,720	3,569	1,517	1,837	216	565
Graduate	1,013,979	780,902	85,747	49,532	42,820	5,405	49,573
Total men	6,379,054	4,506,381	584,745	539,733	434,294	59,199	254,702
Undergraduate	5,455,922	3,868,791	530,976	499,354	373,648	54,311	128,842
First-time, first-year	1,024,166	733,303	112,565	87,822	60,410	10,555	19,511
Other undergraduates	4,431,756	3,135,488	418,411	411,532	313,238	43,756	109,331
First-professional *	168,846	127,209	9,538	7,823	18,351	1,145	4,780
Graduate	754,286	510,381	44,231	32,556	42,295	3,743	121,080
Full-time men	3,936,605	2,797,087	355,633	275,159	271,113	35,164	202,449
Undergraduate	3,431,113	2,475,121	329,744	254,242	232,859	32,406	106,741
First-time, first-year	826,289	602,596	87,515	61,853	48,570	8,009	17,746
Other undergraduates	2,604,824	1,872,525	242,229	192,389	184,289	24,397	88,995
First-professional *	150,361	112,972	7,737	6,983	17,240	1,043	4,386
Graduate	355,131	208,994	18,152	13,934	21,014	1,715	91,322
Part-time men	2,442,449	1,709,294	229,112	264,574	163,181	24,035	52,253
Undergraduate	2,024,809	1,393,670	201,232	245,112	140,789	21,905	22,101
First-time, first-year	197,877	130,707	25,050	25,969	11,840	2,546	1,765
Other undergraduates	1,826,932	1,262,963	176,182	219,143	128,949	19,359	20,336
First-professional *	18,485	14,237	1,801	840	1,111	102	394
Graduate	399,155	301,387	26,079	18,622	21,281	2,028	29,758
Total women	8,150,982	5,689,113	1,000,157	719,853	467,602	85,355	188,902
Undergraduate	7,004,084	4,851,497	892,730	662,949	406,082	78,300	112,526
First-time, first-year	1,191,524	831,738	159,765	106,910	63,610	13,274	16,227
Other undergraduates	5,812,560	4,019,759	732,965	556,039	342,472	65,026	96,299
First-professional *	133,627	93,734	12,922	6,539	16,768	1,036	2,628
Graduate	1,013,271	743,882	94,505	50,365	44,752	6,019	73,748
Full-time women	4,633,777	3,230,335	562,733	361,955	286,334	47,782	144,638
Undergraduate	4,114,642	2,881,717	516,742	336,638	247,079	44,218	88,248
First-time, first-year	950,716	674,688	123,222	76,717	51,937	9,917	14,235
Other undergraduates	3,163,926	2,207,029	393,520	259,921	195,142	34,301	74,013
First-professional *	120,688	84,251	11,154	5,862	16,042	922	2,457
Graduate	398,447	264,367	34,837	19,455	23,213	2,642	53,933
Part-time women	4,120,915	2,888,081	516,472	336,984	246,970	44,097	88,311
Undergraduate	2,889,442	1,969,780	375,988	326,311	159,003	34,082	24,278
First-time, first-year	240,808	157,050	36,543	30,193	11,673	3,357	1,992
Other undergraduates	2,648,634	1,812,730	339,445	296,118	147,330	30,725	22,286
First-professional *	12,939	9,483	1,768	677	726	114	171
Graduate	614,824	479,515	59,668	30,910	21,539	3,377	19,815

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 3.—Percentage distribution of total enrollment in Title IV degree-granting institutions, by race/ethnicity, gender, attendance status, and student level: 50 states and District of Columbia, fall 1998**

Gender, attendance status, and student level	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
All institutions	14,530,036	70.2	10.9	8.7	6.2	1.0	3.1
Undergraduate	12,460,006	70.0	11.4	9.3	6.3	1.1	1.9
First-time, first-year	2,215,690	70.6	12.3	8.8	5.6	1.1	1.6
Other undergraduates	10,244,316	69.8	11.2	9.4	6.4	1.1	2.0
First-professional *	302,473	73.0	7.4	4.7	11.6	0.7	2.4
Graduate	1,767,557	71.0	7.8	4.7	4.9	0.6	11.0
Full-time	8,570,382	70.3	10.7	7.4	6.5	1.0	4.0
Undergraduate	7,545,755	71.0	11.2	7.8	6.4	1.0	2.6
First-time, first-year	1,777,005	71.9	11.9	7.8	5.7	1.0	1.8
Other undergraduates	5,768,750	70.7	11.0	7.8	6.6	1.0	2.8
First-professional *	271,049	72.8	7.0	4.7	12.3	0.7	2.5
Graduate	753,578	62.8	7.0	4.4	5.9	0.6	19.3
Part-time	5,959,654	69.9	11.2	10.4	5.8	1.0	1.6
Undergraduate	4,914,251	68.4	11.7	11.6	6.1	1.1	0.9
First-time, first-year	438,685	65.6	14.0	12.8	5.4	1.3	0.9
Other undergraduates	4,475,566	68.7	11.5	11.5	6.2	1.1	1.0
First-professional *	31,424	75.5	11.4	4.8	5.8	0.7	1.8
Graduate	1,013,979	77.0	8.5	4.9	4.2	0.5	4.9
Total men	6,379,054	70.6	9.2	8.5	6.8	0.9	4.0
Undergraduate	5,455,922	70.9	9.7	9.2	6.8	1.0	2.4
First-time, first-year	1,024,166	71.6	11.0	8.6	5.9	1.0	1.9
Other undergraduates	4,431,756	70.8	9.4	9.3	7.1	1.0	2.5
First-professional *	168,846	75.3	5.6	4.6	10.9	0.7	2.8
Graduate	754,286	67.7	5.9	4.3	5.6	0.5	16.1
Full-time men	3,936,605	71.1	9.0	7.0	6.9	0.9	5.1
Undergraduate	3,431,113	72.1	9.6	7.4	6.8	0.9	3.1
First-time, first-year	826,289	72.9	10.6	7.5	5.9	1.0	2.1
Other undergraduates	2,604,824	71.9	9.3	7.4	7.1	0.9	3.4
First-professional *	150,361	75.1	5.1	4.6	11.5	0.7	2.9
Graduate	355,131	58.8	5.1	3.9	5.9	0.5	25.7
Part-time men	2,442,449	70.0	9.4	10.8	6.7	1.0	2.1
Undergraduate	2,024,809	68.8	9.9	12.1	7.0	1.1	1.1
First-time, first-year	197,877	66.1	12.7	13.1	6.0	1.3	0.9
Other undergraduates	1,826,932	69.1	9.6	12.0	7.1	1.1	1.1
First-professional *	18,485	77.0	9.7	4.5	6.0	0.6	2.1
Graduate	399,155	75.5	6.5	4.7	5.3	0.5	7.5
Total women	8,150,982	69.8	12.3	8.8	5.7	1.0	2.3
Undergraduate	7,004,084	69.3	12.7	9.5	5.8	1.1	1.6
First-time, first-year	1,191,524	69.8	13.4	9.0	5.3	1.1	1.4
Other undergraduates	5,812,560	69.2	12.6	9.6	5.9	1.1	1.7
First-professional *	133,627	70.1	9.7	4.9	12.5	0.8	2.0
Graduate	1,013,271	73.4	9.3	5.0	4.4	0.6	7.3
Full-time women	4,633,777	69.7	12.1	7.8	6.2	1.0	3.1
Undergraduate	4,114,642	70.0	12.6	8.2	6.0	1.1	2.1
First-time, first-year	950,716	71.0	13.0	8.1	5.5	1.0	1.5
Other undergraduates	3,163,926	69.8	12.4	8.2	6.2	1.1	2.3
First-professional *	120,688	69.8	9.2	4.9	13.3	0.8	2.0
Graduate	398,447	66.3	8.7	4.9	5.8	0.7	13.5
Part-time women	4,120,915	70.1	12.5	8.2	6.0	1.1	2.1
Undergraduate	2,889,442	68.2	13.0	11.3	5.5	1.2	0.8
First-time, first-year	240,808	65.2	15.2	12.5	4.8	1.4	0.8
Other undergraduates	2,648,634	68.4	12.8	11.2	5.6	1.2	0.8
First-professional *	12,939	73.3	13.7	5.2	5.6	0.9	1.3
Graduate	614,824	78.0	9.7	5.0	3.5	0.5	3.2

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 4.—Total enrollment in Title IV degree-granting institutions, by race/ethnicity, control of institution, and student level: 50 states and District of Columbia, fall 1998**

Control of institution and student level	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
Number enrolled							
All institutions	14,530,036	10,195,494	1,584,902	1,259,586	901,896	144,554	443,604
Undergraduate	12,460,006	8,720,288	1,423,706	1,162,303	779,730	132,611	241,368
First-time, first-year	2,215,690	1,565,041	272,330	194,732	124,020	23,829	35,738
Other undergraduates	10,244,316	7,155,247	1,151,376	967,571	655,710	108,782	205,630
First-professional *	302,473	220,943	22,460	14,362	35,119	2,181	7,408
Graduate	1,767,557	1,254,263	138,736	82,921	87,047	9,762	194,828
Public	11,160,838	7,767,241	1,220,749	1,060,259	714,620	123,019	274,950
Undergraduate	9,973,281	6,919,852	1,129,480	1,001,632	653,173	115,108	154,036
First-time, first-year	1,654,286	1,164,373	203,690	152,428	94,703	19,599	19,493
Other undergraduates	8,318,995	5,755,479	925,790	849,204	558,470	95,509	134,543
First-professional *	120,698	89,845	8,501	5,577	14,020	1,132	1,623
Graduate	1,066,859	757,544	82,768	53,050	47,427	6,779	119,291
Private not-for-profit	3,004,925	2,206,213	301,183	153,566	167,252	17,615	159,096
Undergraduate	2,152,655	1,598,987	235,198	117,066	108,861	13,873	78,670
First-time, first-year	448,428	334,847	48,479	24,856	24,063	2,801	13,382
Other undergraduates	1,704,227	1,264,140	186,719	92,210	84,798	11,072	65,288
First-professional *	180,482	130,177	13,887	8,649	20,950	1,037	5,782
Graduate	671,788	477,049	52,098	27,851	37,441	2,705	74,644
Private for-profit	364,273	222,040	62,970	45,761	20,024	3,920	9,558
Undergraduate	334,070	201,449	59,028	43,605	17,696	3,630	8,662
First-time, first-year	112,976	65,821	20,161	17,448	5,254	1,429	2,863
Other undergraduates	221,094	135,628	38,867	26,157	12,442	2,201	5,799
First-professional *	1,293	921	72	136	149	12	3
Graduate	28,910	19,670	3,870	2,020	2,179	278	893
Percentage distribution							
All institutions	100.0	70.2	10.9	8.7	6.2	1.0	3.1
Undergraduate	100.0	70.0	11.4	9.3	6.3	1.1	1.9
First-time, first-year	100.0	70.6	12.3	8.8	5.6	1.1	1.6
Other undergraduates	100.0	69.8	11.2	9.4	6.4	1.1	2.0
First-professional *	100.0	73.0	7.4	4.7	11.6	0.7	2.4
Graduate	100.0	71.0	7.8	4.7	4.9	0.6	11.0
Public	100.0	69.6	10.9	9.5	6.4	1.1	2.5
Undergraduate	100.0	69.4	11.3	10.0	6.5	1.2	1.5
First-time, first-year	100.0	70.4	12.3	9.2	5.7	1.2	1.2
Other undergraduates	100.0	69.2	11.1	10.2	6.7	1.1	1.6
First-professional *	100.0	74.4	7.0	4.6	11.6	0.9	1.3
Graduate	100.0	71.0	7.8	5.0	4.4	0.6	11.2
Private not-for-profit	100.0	73.4	10.0	5.1	5.6	0.6	5.3
Undergraduate	100.0	74.3	10.9	5.4	5.1	0.6	3.7
First-time, first-year	100.0	74.7	10.8	5.5	5.4	0.6	3.0
Other undergraduates	100.0	74.2	11.0	5.4	5.0	0.6	3.8
First-professional *	100.0	72.1	7.7	4.8	11.6	0.6	3.2
Graduate	100.0	71.0	7.8	4.1	5.6	0.4	11.1
Private for-profit	100.0	61.0	17.3	12.6	5.5	1.1	2.6
Undergraduate	100.0	60.3	17.7	13.1	5.3	1.1	2.6
First-time, first-year	100.0	58.3	17.8	15.4	4.7	1.3	2.5
Other undergraduates	100.0	61.3	17.6	11.8	5.6	1.0	2.6
First-professional *	100.0	71.2	5.6	10.5	11.5	0.9	0.2
Graduate	100.0	68.0	13.4	7.0	7.5	1.0	3.1

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 5.—Total enrollment in Title IV degree-granting 4-year institutions, by race/ethnicity, control of institution, and student level: 50 states and District of Columbia, fall 1998**

Control of institution and student level	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
Number enrolled							
All institutions	9,017,653	6,537,470	927,559	552,908	538,532	72,648	388,536
Undergraduate	6,947,623	5,062,264	766,363	455,625	416,366	60,705	186,300
First-time, first-year	1,253,720	919,583	144,195	78,769	75,309	10,287	25,577
Other undergraduates	5,693,903	4,142,681	622,168	376,856	341,057	50,418	160,723
First-professional *	302,473	220,943	22,460	14,362	35,119	2,181	7,408
Graduate	1,767,557	1,254,263	138,736	82,921	87,047	9,762	194,828
Public	5,891,806	4,266,971	602,037	381,907	361,941	54,849	224,101
Undergraduate	4,704,249	3,419,582	510,768	323,280	300,494	46,938	103,187
First-time, first-year	792,772	581,030	92,281	50,487	50,370	7,608	10,996
Other undergraduates	3,911,477	2,838,552	418,487	272,793	250,124	39,330	92,191
First-professional *	120,698	89,845	8,501	5,577	14,020	1,132	1,623
Graduate	1,066,859	757,544	82,768	53,050	47,427	6,779	119,291
Private not-for-profit	2,939,055	2,159,148	293,660	149,176	163,467	15,966	157,638
Undergraduate	2,086,785	1,551,922	227,675	112,676	105,076	12,224	77,212
First-time, first-year	425,518	319,364	45,525	23,035	22,359	2,291	12,944
Other undergraduates	1,661,267	1,232,558	182,150	89,641	82,717	9,933	64,268
First-professional *	180,482	130,177	13,887	8,649	20,950	1,037	5,782
Graduate	671,788	477,049	52,098	27,851	37,441	2,705	74,644
Private for-profit	186,792	111,351	31,862	21,825	13,124	1,833	6,797
Undergraduate	156,589	90,760	27,920	19,669	10,796	1,543	5,901
First-time, first-year	35,430	19,189	6,389	5,247	2,580	388	1,637
Other undergraduates	121,159	71,571	21,531	14,422	8,216	1,155	4,264
First-professional *	1,293	921	72	136	149	12	3
Graduate	28,910	19,670	3,870	2,020	2,179	278	893
Percentage distribution							
All institutions	100.0	72.5	10.3	6.1	6.0	0.8	4.3
Undergraduate	100.0	72.9	11.0	6.6	6.0	0.9	2.7
First-time, first-year	100.0	73.3	11.5	6.3	6.0	0.8	2.0
Other undergraduates	100.0	72.8	10.9	6.6	6.0	0.9	2.8
First-professional *	100.0	73.0	7.4	4.7	11.6	0.7	2.4
Graduate	100.0	71.0	7.8	4.7	4.9	0.6	11.0
Public	100.0	72.4	10.2	6.5	6.1	0.9	3.8
Undergraduate	100.0	72.7	10.9	6.9	6.4	1.0	2.2
First-time, first-year	100.0	73.3	11.6	6.4	6.4	1.0	1.4
Other undergraduates	100.0	72.6	10.7	7.0	6.4	1.0	2.4
First-professional *	100.0	74.4	7.0	4.6	11.6	0.9	1.3
Graduate	100.0	71.0	7.8	5.0	4.4	0.6	11.2
Private not-for-profit	100.0	73.5	10.0	5.1	5.6	0.5	5.4
Undergraduate	100.0	74.4	10.9	5.4	5.0	0.6	3.7
First-time, first-year	100.0	75.1	10.7	5.4	5.3	0.5	3.0
Other undergraduates	100.0	74.2	11.0	5.4	5.0	0.6	3.9
First-professional *	100.0	72.1	7.7	4.8	11.6	0.6	3.2
Graduate	100.0	71.0	7.8	4.1	5.6	0.4	11.1
Private for-profit	100.0	59.6	17.1	11.7	7.0	1.0	3.6
Undergraduate	100.0	58.0	17.8	12.6	6.9	1.0	3.8
First-time, first-year	100.0	54.2	18.0	14.8	7.3	1.1	4.6
Other undergraduates	100.0	59.1	17.8	11.9	6.8	1.0	3.5
First-professional *	100.0	71.2	5.6	10.5	11.5	0.9	0.2
Graduate	100.0	68.0	13.4	7.0	7.5	1.0	3.1

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 6.—Total enrollment in Title IV degree-granting 2-year institutions, by race/ethnicity, control of institution, and student level: 50 states and District of Columbia, fall 1998**

Control of institution and student level	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Nonresident alien
Number enrolled							
All institutions	5,512,383	3,658,024	657,343	706,678	363,364	71,906	55,068
Undergraduate	5,512,383	3,658,024	657,343	706,678	363,364	71,906	55,068
First-time, first-year	961,970	645,458	128,135	115,963	48,711	13,542	10,161
Other undergraduates	4,550,413	3,012,566	529,208	590,715	314,653	58,364	44,907
Public	5,269,032	3,500,270	618,712	678,352	352,679	68,170	50,849
Undergraduate	5,269,032	3,500,270	618,712	678,352	352,679	68,170	50,849
First-time, first-year	861,514	583,343	111,409	101,941	44,333	11,991	8,497
Other undergraduates	4,407,518	2,916,927	507,303	576,411	308,346	56,179	42,352
Private not-for-profit	65,870	47,065	7,523	4,390	3,785	1,649	1,458
Undergraduate	65,870	47,065	7,523	4,390	3,785	1,649	1,458
First-time, first-year	22,910	15,483	2,954	1,821	1,704	510	438
Other undergraduates	42,960	31,582	4,569	2,569	2,081	1,139	1,020
Private for-profit	177,481	110,689	31,108	23,936	6,900	2,087	2,761
Undergraduate	177,481	110,689	31,108	23,936	6,900	2,087	2,761
First-time, first-year	77,546	46,632	13,772	12,201	2,674	1,041	1,226
Other undergraduates	99,935	64,057	17,336	11,735	4,226	1,046	1,535
Percentage distribution							
All institutions	100.0	66.4	11.9	12.8	6.6	1.3	1.0
Undergraduate	100.0	66.4	11.9	12.8	6.6	1.3	1.0
First-time, first-year	100.0	67.1	13.3	12.1	5.1	1.4	1.1
Other undergraduates	100.0	66.2	11.6	13.0	6.9	1.3	1.0
Public	100.0	66.4	11.7	12.9	6.7	1.3	1.0
Undergraduate	100.0	66.4	11.7	12.9	6.7	1.3	1.0
First-time, first-year	100.0	67.7	12.9	11.8	5.1	1.4	1.0
Other undergraduates	100.0	66.2	11.5	13.1	7.0	1.3	1.0
Private not-for-profit	100.0	71.5	11.4	6.7	5.7	2.5	2.2
Undergraduate	100.0	71.5	11.4	6.7	5.7	2.5	2.2
First-time, first-year	100.0	67.6	12.9	7.9	7.4	2.2	1.9
Other undergraduates	100.0	73.5	10.6	6.0	4.8	2.7	2.4
Private for-profit	100.0	62.4	17.5	13.5	3.9	1.2	1.6
Undergraduate	100.0	62.4	17.5	13.5	3.9	1.2	1.6
First-time, first-year	100.0	60.1	17.8	15.7	3.4	1.3	1.6
Other undergraduates	100.0	64.1	17.3	11.7	4.2	1.0	1.5

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).



**Table 7.—Total enrollment in Title IV degree-granting institutions, by gender, attendance status, control of institution, and student level:  
50 states and District of Columbia, fall 1998**

Control of institution and student level	All students			Men			Women		
	Total	Full-time	Part-time	Total	Full-time	Part-time	Total	Full-time	Part-time
Number enrolled									
All institutions	14,530,036	8,570,382	5,959,654	6,379,054	3,936,605	2,442,449	8,150,982	4,633,777	3,517,205
Undergraduate	12,460,006	7,545,755	4,914,251	5,455,922	3,431,113	2,024,809	7,004,084	4,114,642	2,889,442
First-time, first-year	2,215,690	1,777,005	438,685	1,024,166	826,289	197,877	1,191,524	950,716	240,808
Other undergraduates	10,244,316	5,768,750	4,475,566	4,431,756	2,604,824	1,826,932	5,812,560	3,163,926	2,648,634
First-professional *	302,473	271,049	31,424	168,846	150,361	18,485	133,627	120,688	12,939
Graduate	1,767,557	753,578	1,013,979	754,286	355,131	399,155	1,013,271	398,447	614,824
Public	11,160,838	6,107,860	5,052,978	4,878,487	2,803,585	2,074,902	6,282,351	3,304,275	2,978,076
Undergraduate	9,973,281	5,554,126	4,419,155	4,370,724	2,535,441	1,835,283	5,602,557	3,018,685	2,583,872
First-time, first-year	1,654,286	1,248,688	405,598	765,327	580,852	184,475	888,959	667,836	221,123
Other undergraduates	8,318,995	4,305,438	4,013,557	3,605,397	1,954,589	1,650,808	4,713,598	2,350,849	2,362,749
First-professional *	120,698	115,210	5,488	63,800	60,913	2,887	56,898	54,297	2,601
Graduate	1,066,859	438,524	628,335	443,963	207,231	236,732	622,896	231,293	391,603
Private not-for-profit	3,004,925	2,162,158	842,767	1,318,740	980,596	338,144	1,686,185	1,181,562	504,623
Undergraduate	2,152,655	1,715,156	437,499	918,393	754,944	163,449	1,234,262	960,212	274,050
First-time, first-year	448,428	427,568	20,860	198,680	190,743	7,937	249,748	236,825	12,923
Other undergraduates	1,704,227	1,287,588	416,639	719,713	564,201	155,512	984,514	723,387	261,127
First-professional *	180,482	155,275	25,207	104,275	89,118	15,157	76,207	66,157	10,050
Graduate	671,788	291,727	380,061	296,072	136,534	159,538	375,716	155,193	220,523
Private for-profit	364,273	300,364	63,909	181,827	152,424	29,403	182,446	147,940	34,506
Undergraduate	334,070	276,473	57,597	166,805	140,728	26,077	167,265	135,745	31,520
First-time, first-year	112,976	100,749	12,227	60,159	54,694	5,465	52,817	46,055	6,762
Other undergraduates	221,094	175,724	45,370	106,646	86,034	20,612	114,448	89,690	24,758
First-professional *	1,293	564	729	771	330	441	522	234	288
Graduate	28,910	23,327	5,583	14,251	11,366	2,885	14,659	11,961	2,698
Percentage distribution									
All institutions	100.0	59.0	41.0	43.9	61.7	38.3	56.1	56.8	43.2
Undergraduate	100.0	60.6	39.4	43.8	62.9	37.1	56.2	58.7	41.3
First-time, first-year	100.0	80.2	19.8	46.2	80.7	19.3	53.8	79.8	20.2
Other undergraduates	100.0	56.3	43.7	43.3	58.8	41.2	56.7	54.4	45.6
First-professional *	100.0	89.6	10.4	55.8	89.1	10.9	44.2	90.3	9.7
Graduate	100.0	42.6	57.4	42.7	47.1	52.9	57.3	39.3	60.7
Public	100.0	54.7	45.3	43.7	57.5	42.5	56.3	52.6	47.4
Undergraduate	100.0	55.7	44.3	43.8	58.0	42.0	56.2	53.9	46.1
First-time, first-year	100.0	75.5	24.5	46.3	75.9	24.1	53.7	75.1	24.9
Other undergraduates	100.0	51.8	48.2	43.3	54.2	45.8	56.7	49.9	50.1
First-professional *	100.0	95.5	4.5	52.9	95.5	4.5	47.1	95.4	4.6
Graduate	100.0	41.1	58.9	41.6	46.7	53.3	58.4	37.1	62.9
Private not-for-profit	100.0	72.0	28.0	43.9	74.4	25.6	56.1	70.1	29.9
Undergraduate	100.0	79.7	20.3	42.7	82.2	17.8	57.3	77.8	22.2
First-time, first-year	100.0	95.3	4.7	44.3	96.0	4.0	55.7	94.8	5.2
Other undergraduates	100.0	75.6	24.4	42.2	78.4	21.6	57.8	73.5	26.5
First-professional *	100.0	86.0	14.0	57.8	85.5	14.5	42.2	86.8	13.2
Graduate	100.0	43.4	56.6	44.1	46.1	53.9	55.9	41.3	58.7
Private for-profit	100.0	82.5	17.5	49.9	83.8	16.2	50.1	81.1	18.9
Undergraduate	100.0	82.8	17.2	49.9	84.4	15.6	50.1	81.2	18.8
First-time, first-year	100.0	89.2	10.8	53.2	90.9	9.1	46.8	87.2	12.8
Other undergraduates	100.0	79.5	20.5	48.2	80.7	19.3	51.8	78.4	21.6
First-professional *	100.0	43.6	56.4	59.6	42.8	57.2	40.4	44.8	55.2
Graduate	100.0	80.7	19.3	49.3	79.8	20.2	50.7	81.6	18.4

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 8.—Total enrollment in Title IV degree-granting 4-year institutions, by gender, attendance status, control of institution, and student level: 50 states and District of Columbia, fall 1998**

Control of institution and student level	All students			Men			Women		
	Total	Full-time	Part-time	Total	Full-time	Part-time	Total	Full-time	Part-time
Number enrolled									
All institutions	9,017,653	6,477,432	2,540,221	4,035,931	2,997,232	1,038,699	4,981,722	3,480,200	1,501,522
Undergraduate	6,947,623	5,452,805	1,494,818	3,112,799	2,491,740	621,059	3,834,824	2,961,065	873,759
First-time, first-year	1,253,720	1,182,804	70,916	572,094	541,543	30,551	681,626	641,261	40,365
Other undergraduates	5,693,903	4,270,001	1,423,902	2,540,705	1,950,197	590,508	3,153,198	2,319,804	833,394
First-professional *	302,473	271,049	31,424	168,846	150,361	18,485	133,627	120,688	12,939
Graduate	1,767,557	753,578	1,013,979	754,286	355,131	399,155	1,013,271	398,447	614,824
Public	5,891,806	4,218,990	1,672,816	2,644,403	1,959,198	685,205	3,247,403	2,259,792	987,611
Undergraduate	4,704,249	3,665,256	1,038,993	2,136,640	1,691,054	445,586	2,567,609	1,974,202	593,407
First-time, first-year	792,772	746,461	46,311	361,434	341,144	20,290	431,338	405,317	26,021
Other undergraduates	3,911,477	2,918,795	992,682	1,775,206	1,349,910	425,296	2,136,271	1,568,885	567,386
First-professional *	120,698	115,210	5,488	63,800	60,913	2,887	56,898	54,297	2,601
Graduate	1,066,859	438,524	628,335	443,963	207,231	236,732	622,896	231,293	391,603
Private not-for-profit	2,939,055	2,111,274	827,781	1,290,788	957,212	333,576	1,648,267	1,154,062	494,205
Undergraduate	2,086,785	1,664,272	422,513	890,441	731,560	158,881	1,196,344	932,712	263,632
First-time, first-year	425,518	406,583	18,935	188,103	180,769	7,334	237,415	225,814	11,601
Other undergraduates	1,661,267	1,257,689	403,578	702,338	550,791	151,547	958,929	706,898	252,031
First-professional *	180,482	155,275	25,207	104,275	89,118	15,157	76,207	66,157	10,050
Graduate	671,788	291,727	380,061	296,072	136,534	159,538	375,716	155,193	220,523
Private for-profit	186,792	147,168	39,624	100,740	80,822	19,918	86,052	66,346	19,706
Undergraduate	156,589	123,277	33,312	85,718	69,126	16,592	70,871	54,151	16,720
First-time, first-year	35,430	29,760	5,670	22,557	19,630	2,927	12,873	10,130	2,743
Other undergraduates	121,159	93,517	27,642	63,161	49,496	13,665	57,998	44,021	13,977
First-professional *	1,293	564	729	771	330	441	522	234	288
Graduate	28,910	23,327	5,583	14,251	11,366	2,885	14,659	11,961	2,698
Percentage distribution									
All institutions	100.0	71.8	28.2	44.8	74.3	25.7	55.2	69.9	30.1
Undergraduate	100.0	78.5	21.5	44.8	80.0	20.0	55.2	77.2	22.8
First-time, first-year	100.0	94.3	5.7	45.6	94.7	5.3	54.4	94.1	5.9
Other undergraduates	100.0	75.0	25.0	44.6	76.8	23.2	55.4	73.6	26.4
First-professional *	100.0	89.6	10.4	55.8	89.1	10.9	44.2	90.3	9.7
Graduate	100.0	42.6	57.4	42.7	47.1	52.9	57.3	39.3	60.7
Public	100.0	71.6	28.4	44.9	74.1	25.9	55.1	69.6	30.4
Undergraduate	100.0	77.9	22.1	45.4	79.1	20.9	54.6	76.9	23.1
First-time, first-year	100.0	94.2	5.8	45.6	94.4	5.6	54.4	94.0	6.0
Other undergraduates	100.0	74.6	25.4	45.4	76.0	24.0	54.6	73.4	26.6
First-professional *	100.0	95.5	4.5	52.9	95.5	4.5	47.1	95.4	4.6
Graduate	100.0	41.1	58.9	41.6	46.7	53.3	58.4	37.1	62.9
Private not-for-profit	100.0	71.8	28.2	43.9	74.2	25.8	56.1	70.0	30.0
Undergraduate	100.0	79.8	20.2	42.7	82.2	17.8	57.3	78.0	22.0
First-time, first-year	100.0	95.6	4.4	44.2	96.1	3.9	55.8	95.1	4.9
Other undergraduates	100.0	75.7	24.3	42.3	78.4	21.6	57.7	73.7	26.3
First-professional *	100.0	86.0	14.0	57.8	85.5	14.5	42.2	86.8	13.2
Graduate	100.0	43.4	56.6	44.1	46.1	53.9	55.9	41.3	58.7
Private for-profit	100.0	78.8	21.2	53.9	80.2	19.8	46.1	77.1	22.9
Undergraduate	100.0	78.7	21.3	54.7	80.6	19.4	45.3	76.4	23.6
First-time, first-year	100.0	84.0	16.0	63.7	87.0	13.0	36.3	78.7	21.3
Other undergraduates	100.0	77.2	22.8	52.1	78.4	21.6	47.9	75.9	24.1
First-professional *	100.0	43.6	56.4	59.6	42.8	57.2	40.4	44.8	55.2
Graduate	100.0	80.7	19.3	49.3	79.8	20.2	50.7	81.6	18.4

\* First-professional students are those students enrolled in programs leading toward a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 9.—Total enrollment in Title IV degree-granting 2-year institutions, by gender, attendance status, control of institution, and student level: 50 states and District of Columbia, fall 1998**

Control of institution and student level	All students			Men			Women		
	Total	Full-time	Part-time	Total	Full-time	Part-time	Total	Full-time	Part-time
Number enrolled									
All institutions	5,512,383	2,092,950	3,419,433	2,343,123	939,373	1,403,750	3,169,260	1,153,577	2,015,683
Undergraduate	5,512,383	2,092,950	3,419,433	2,343,123	939,373	1,403,750	3,169,260	1,153,577	2,015,683
First-time, first-year	961,970	594,201	367,769	452,072	284,746	167,326	509,898	309,455	200,443
Other undergraduates	4,550,413	1,498,749	3,051,664	1,891,051	654,627	1,236,424	2,659,362	844,122	1,815,240
Public	5,269,032	1,888,870	3,380,162	2,234,084	844,387	1,389,697	3,034,948	1,044,483	1,990,465
Undergraduate	5,269,032	1,888,870	3,380,162	2,234,084	844,387	1,389,697	3,034,948	1,044,483	1,990,465
First-time, first-year	861,514	502,227	359,287	403,893	239,708	164,185	457,621	262,519	195,102
Other undergraduates	4,407,518	1,386,643	3,020,875	1,830,191	604,679	1,225,512	2,577,327	781,964	1,795,363
Private not-for-profit	65,870	50,884	14,986	27,952	23,384	4,568	37,918	27,500	10,418
Undergraduate	65,870	50,884	14,986	27,952	23,384	4,568	37,918	27,500	10,418
First-time, first-year	22,910	20,985	1,925	10,577	9,974	603	12,333	11,011	1,322
Other undergraduates	42,960	29,899	13,061	17,375	13,410	3,965	25,585	16,489	9,096
Private for-profit	177,481	153,196	24,285	81,087	71,602	9,485	96,394	81,594	14,800
Undergraduate	177,481	153,196	24,285	81,087	71,602	9,485	96,394	81,594	14,800
First-time, first-year	77,546	70,989	6,557	37,602	35,064	2,538	39,944	35,925	4,019
Other undergraduates	99,935	82,207	17,728	43,485	36,538	6,947	56,450	45,669	10,781
Percentage distribution									
All institutions	100.0	38.0	62.0	42.5	40.1	59.9	57.5	36.4	63.6
Undergraduate	100.0	38.0	62.0	42.5	40.1	59.9	57.5	36.4	63.6
First-time, first-year	100.0	61.8	38.2	47.0	63.0	37.0	53.0	60.7	39.3
Other undergraduates	100.0	32.9	67.1	41.6	34.6	65.4	58.4	31.7	68.3
Public	100.0	35.8	64.2	42.4	37.8	62.2	57.6	34.4	65.6
Undergraduate	100.0	35.8	64.2	42.4	37.8	62.2	57.6	34.4	65.6
First-time, first-year	100.0	58.3	41.7	46.9	59.3	40.7	53.1	57.4	42.6
Other undergraduates	100.0	31.5	68.5	41.5	33.0	67.0	58.5	30.3	69.7
Private not-for-profit	100.0	77.2	22.8	42.4	83.7	16.3	57.6	72.5	27.5
Undergraduate	100.0	77.2	22.8	42.4	83.7	16.3	57.6	72.5	27.5
First-time, first-year	100.0	91.6	8.4	46.2	94.3	5.7	53.8	89.3	10.7
Other undergraduates	100.0	69.6	30.4	40.4	77.2	22.8	59.6	64.4	35.6
Private for-profit	100.0	86.3	13.7	45.7	88.3	11.7	54.3	84.6	15.4
Undergraduate	100.0	86.3	13.7	45.7	88.3	11.7	54.3	84.6	15.4
First-time, first-year	100.0	91.5	8.5	48.5	93.3	6.7	51.5	89.9	10.1
Other undergraduates	100.0	82.3	17.7	43.5	84.0	16.0	56.5	80.9	19.1

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 10.—Total enrollment in Title IV degree-granting institutions, by race/ethnicity and Carnegie classification of institution: 50 states and District of Columbia, fall 1998**

Carnegie classification of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American	Non-resident alien
						Indian/Alaskan Native	
Number enrolled							
All institutions	14,530,036	10,195,494	1,584,902	1,259,586	901,896	144,554	443,604
Research Universities I	2,082,150	1,455,345	138,375	115,006	211,858	12,738	148,828
Research Universities II	651,196	507,420	43,733	27,842	31,646	6,323	34,232
Doctoral Universities I	627,058	465,253	68,265	29,059	29,123	3,984	31,374
Doctoral Universities II	645,967	454,573	65,463	50,896	39,868	5,954	29,213
Master's (Comprehensive) I	2,888,671	2,058,172	358,853	224,596	142,819	24,192	80,039
Master's (Comprehensive) II	259,961	209,498	26,439	9,058	5,828	2,702	6,436
Baccalaureate(Lib Arts) Colleges I	267,763	222,565	15,811	8,317	11,308	1,161	8,601
Baccalaureate Colleges II	786,043	588,532	121,667	34,902	18,109	6,459	16,374
Other 4-year institutions	182,395	128,936	23,127	14,566	10,626	1,638	3,502
Associate of Arts Colleges	5,363,674	3,585,805	639,335	675,329	346,382	61,037	55,786
Other 2-year institutions	275,789	171,117	35,547	42,142	20,660	4,475	1,848
Theological Seminaries, etc.	84,628	68,477	6,151	2,079	3,039	470	4,412
Medical Schools/Centers	73,486	52,490	5,826	3,338	8,543	589	2,700
Other Separate Health Profession Schools	35,730	25,866	1,668	1,237	4,743	199	2,017
Schools of Engineering/Technology	47,874	33,460	4,865	3,781	3,420	334	2,014
Schools of Business/Management	106,175	75,954	15,634	5,126	3,717	508	5,236
Schools of Art, Music & Design	72,217	45,823	4,855	4,910	6,841	343	9,445
Schools of Law	16,924	12,653	1,368	1,119	1,334	145	305
Teachers Colleges	6,797	4,275	2,027	272	100	20	103
Other Specialized Institutions	42,302	27,255	5,872	5,813	1,920	313	1,129
Tribal Colleges	13,236	2,025	21	198	12	10,970	10
Percentage distribution							
All institutions	100.0	70.2	10.9	8.7	6.2	1.0	3.1
Research Universities I	100.0	69.9	6.6	5.5	10.2	0.6	7.1
Research Universities II	100.0	77.9	6.7	4.3	4.9	1.0	5.3
Doctoral Universities I	100.0	74.2	10.9	4.6	4.6	0.6	5.0
Doctoral Universities II	100.0	70.4	10.1	7.9	6.2	0.9	4.5
Master's (Comprehensive) I	100.0	71.2	12.4	7.8	4.9	0.8	2.8
Master's (Comprehensive) II	100.0	80.6	10.2	3.5	2.2	1.0	2.5
Baccalaureate(Lib Arts) Colleges I	100.0	83.1	5.9	3.1	4.2	0.4	3.2
Baccalaureate Colleges II	100.0	74.9	15.5	4.4	2.3	0.8	2.1
Other 4-year institutions	100.0	70.7	12.7	8.0	5.8	0.9	1.9
Associate of Arts Colleges	100.0	66.9	11.9	12.6	6.5	1.1	1.0
Other 2-year institutions	100.0	62.0	12.9	15.3	7.5	1.6	0.7
Theological Seminaries, etc.	100.0	80.9	7.3	2.5	3.6	0.6	5.2
Medical Schools/Centers	100.0	71.4	7.9	4.5	11.6	0.8	3.7
Other Separate Health Profession Schools	100.0	72.4	4.7	3.5	13.3	0.6	5.6
Schools of Engineering/Technology	100.0	69.9	10.2	7.9	7.1	0.7	4.2
Schools of Business/Management	100.0	71.5	14.7	4.8	3.5	0.5	4.9
Schools of Art, Music & Design	100.0	63.5	6.7	6.8	9.5	0.5	13.1
Schools of Law	100.0	74.8	8.1	6.6	7.9	0.9	1.8
Teachers Colleges	100.0	62.9	29.8	4.0	1.5	0.3	1.5
Other Specialized Institutions	100.0	64.4	13.9	13.7	4.5	0.7	2.7
Tribal Colleges	100.0	15.3	0.2	1.5	0.1	82.9	0.1

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 11.—Total enrollment in Title IV degree-granting public institutions, by race/ethnicity and Carnegie classification of institution: 50 states and District of Columbia, fall 1998**

Carnegie classification of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American Indian/Alaskan Native	Non-resident alien
Number enrolled							
All institutions	11,160,838	7,767,241	1,220,749	1,060,259	714,620	123,019	274,950
Research Universities I	1,675,286	1,210,262	104,769	91,411	158,987	11,167	98,690
Research Universities II	511,047	397,910	36,863	23,052	24,152	5,717	23,353
Doctoral Universities I	435,067	338,282	45,834	14,798	15,942	3,353	16,858
Doctoral Universities II	499,645	353,751	53,182	40,056	26,371	4,923	21,362
Master's (Comprehensive) I	2,157,165	1,508,282	282,990	181,450	112,763	20,408	51,272
Master's (Comprehensive) II	118,879	93,966	15,652	2,473	2,194	1,646	2,948
Baccalaureate(Lib Arts) Colleges I	18,356	16,029	1,042	435	511	182	157
Baccalaureate Colleges II	237,688	174,413	37,213	12,127	6,903	3,223	3,809
Other 4-year institutions	42,064	35,483	2,187	1,766	1,954	209	465
Associate of Arts Colleges	5,142,946	3,436,982	606,150	652,395	337,719	58,778	50,922
Other 2-year institutions	190,243	118,488	20,820	30,007	16,906	3,415	607
Theological Seminaries, etc.	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Medical Schools/Centers	53,775	39,108	4,050	2,624	5,337	507	2,149
Other Separate Health Profession Schools	810	466	23	45	217	4	55
Schools of Engineering/Technology	17,915	13,752	1,571	1,039	769	182	602
Schools of Business/Management	4,274	2,631	1,341	83	131	28	60
Schools of Art, Music & Design	14,281	7,758	1,413	1,608	2,240	34	1,228
Schools of Law	1,304	752	165	105	264	9	9
Teachers Colleges	1,735	405	1,257	13	4	2	54
Other Specialized Institutions	27,518	16,809	4,208	4,750	1,244	166	341
Tribal Colleges	10,840	1,712	19	22	12	9,066	9
Percentage distribution							
All institutions	100.0	69.6	10.9	9.5	6.4	1.1	2.5
Research Universities I	100.0	72.2	6.3	5.5	9.5	0.7	5.9
Research Universities II	100.0	77.9	7.2	4.5	4.7	1.1	4.6
Doctoral Universities I	100.0	77.8	10.5	3.4	3.7	0.8	3.9
Doctoral Universities II	100.0	70.8	10.6	8.0	5.3	1.0	4.3
Master's (Comprehensive) I	100.0	69.9	13.1	8.4	5.2	0.9	2.4
Master's (Comprehensive) II	100.0	79.0	13.2	2.1	1.8	1.4	2.5
Baccalaureate(Lib Arts) Colleges I	100.0	87.3	5.7	2.4	2.8	1.0	0.9
Baccalaureate Colleges II	100.0	73.4	15.7	5.1	2.9	1.4	1.6
Other 4-year institutions	100.0	84.4	5.2	4.2	4.6	0.5	1.1
Associate of Arts Colleges	100.0	66.8	11.8	12.7	6.6	1.1	1.0
Other 2-year institutions	100.0	62.3	10.9	15.8	8.9	1.8	0.3
Theological Seminaries, etc.	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Medical Schools/Centers	100.0	72.7	7.5	4.9	9.9	0.9	4.0
Other Separate Health Profession Schools	100.0	57.5	2.8	5.6	26.8	0.5	6.8
Schools of Engineering/Technology	100.0	76.8	8.8	5.8	4.3	1.0	3.4
Schools of Business/Management	100.0	61.6	31.4	1.9	3.1	0.7	1.4
Schools of Art, Music & Design	100.0	54.3	9.9	11.3	15.7	0.2	8.6
Schools of Law	100.0	57.7	12.7	8.1	20.2	0.7	0.7
Teachers Colleges	100.0	23.3	72.4	0.7	0.2	0.1	3.1
Other Specialized Institutions	100.0	61.1	15.3	17.3	4.5	0.6	1.2
Tribal Colleges	100.0	15.8	0.2	0.2	0.1	83.6	0.1

† Not applicable. All theological seminaries are private not-for-profit institutions.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 12.—Total enrollment in Title IV degree-granting private not-for-profit institutions, by race/ethnicity and Carnegie classification of institution: 50 states and District of Columbia, fall 1998**

Carnegie classification of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American	Non-resident alien
						Indian/Alaskan Native	
Number enrolled							
All institutions	3,004,925	2,206,213	301,183	153,566	167,252	17,615	159,096
Research Universities I	406,864	245,083	33,606	23,595	52,871	1,571	50,138
Research Universities II	140,149	109,510	6,870	4,790	7,494	606	10,879
Doctoral Universities I	191,991	126,971	22,431	14,261	13,181	631	14,516
Doctoral Universities II	146,322	100,822	12,281	10,840	13,497	1,031	7,851
Master's (Comprehensive) I	731,506	549,890	75,863	43,146	30,056	3,784	28,767
Master's (Comprehensive) II	141,082	115,532	10,787	6,585	3,634	1,056	3,488
Baccalaureate(Lib Arts) Colleges I	249,407	206,536	14,769	7,882	10,797	979	8,444
Baccalaureate Colleges II	525,681	401,152	79,261	20,620	9,462	2,938	12,248
Other 4-year institutions	58,456	45,626	6,134	2,900	2,083	587	1,126
Associate of Arts Colleges	84,147	62,852	9,586	4,965	3,861	753	2,130
Other 2-year institutions	10,142	6,723	1,632	1,163	475	115	34
Theological Seminaries, etc.	84,628	68,477	6,151	2,079	3,039	470	4,412
Medical Schools/Centers	19,711	13,382	1,776	714	3,206	82	551
Other Separate Health Profession Schools	34,159	24,802	1,626	1,157	4,449	186	1,939
Schools of Engineering/Technology	16,381	11,763	1,240	944	1,353	103	978
Schools of Business/Management	86,402	63,397	11,442	3,604	2,999	312	4,648
Schools of Art, Music & Design	42,372	28,896	2,221	2,018	3,170	229	5,838
Schools of Law	14,327	10,980	1,131	878	921	124	293
Teachers Colleges	5,062	3,870	770	259	96	18	49
Other Specialized Institutions	13,740	9,636	1,604	990	608	136	766
Tribal Colleges	2,396	313	2	176	0	1,904	1
Percentage distribution							
All institutions	100.0	73.4	10.0	5.1	5.6	0.6	5.3
Research Universities I	100.0	60.2	8.3	5.8	13.0	0.4	12.3
Research Universities II	100.0	78.1	4.9	3.4	5.3	0.4	7.8
Doctoral Universities I	100.0	66.1	11.7	7.4	6.9	0.3	7.6
Doctoral Universities II	100.0	68.9	8.4	7.4	9.2	0.7	5.4
Master's (Comprehensive) I	100.0	75.2	10.4	5.9	4.1	0.5	3.9
Master's (Comprehensive) II	100.0	81.9	7.6	4.7	2.6	0.7	2.5
Baccalaureate(Lib Arts) Colleges I	100.0	82.8	5.9	3.2	4.3	0.4	3.4
Baccalaureate Colleges II	100.0	76.3	15.1	3.9	1.8	0.6	2.3
Other 4-year institutions	100.0	78.1	10.5	5.0	3.6	1.0	1.9
Associate of Arts Colleges	100.0	74.7	11.4	5.9	4.6	0.9	2.5
Other 2-year institutions	100.0	66.3	16.1	11.5	4.7	1.1	0.3
Theological Seminaries, etc.	100.0	80.9	7.3	2.5	3.6	0.6	5.2
Medical Schools/Centers	100.0	67.9	9.0	3.6	16.3	0.4	2.8
Other Separate Health Profession Schools	100.0	72.6	4.8	3.4	13.0	0.5	5.7
Schools of Engineering/Technology	100.0	71.8	7.6	5.8	8.3	0.6	6.0
Schools of Business/Management	100.0	73.4	13.2	4.2	3.5	0.4	5.4
Schools of Art, Music & Design	100.0	68.2	5.2	4.8	7.5	0.5	13.8
Schools of Law	100.0	76.6	7.9	6.1	6.4	0.9	2.0
Teachers Colleges	100.0	76.5	15.2	5.1	1.9	0.4	1.0
Other Specialized Institutions	100.0	70.1	11.7	7.2	4.4	1.0	5.6
Tribal Colleges	100.0	13.1	0.1	7.3	0.0	79.5	#

# Less than 0.05 percent

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 13.—Total enrollment in Title IV degree-granting private for-profit institutions, by race/ethnicity and Carnegie classification classification of institution: 50 states and District of Columbia, fall 1998**

Carnegie classification of institution	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/Pacific Islander	American	Non-resident alien
						Indian/Alaskan Native	
Number enrolled							
All institutions	364,273	222,040	62,970	45,761	20,024	3,920	9,558
Research Universities I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Research Universities II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Doctoral Universities I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Doctoral Universities II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Master's (Comprehensive) I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Master's (Comprehensive) II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Baccalaureate(Lib Arts) Colleges I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Baccalaureate Colleges II	22,674	12,967	5,193	2,155	1,744	298	317
Other 4-year institutions	81,875	47,827	14,806	9,900	6,589	842	1,911
Associate of Arts Colleges	136,581	85,971	23,599	17,969	4,802	1,506	2,734
Other 2-year institutions	75,404	45,906	13,095	10,972	3,279	945	1,207
Theological Seminaries, etc.	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Medical Schools/Centers	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Other Separate Health Profession Schools	761	598	19	35	77	9	23
Schools of Engineering/Technology	13,578	7,945	2,054	1,798	1,298	49	434
Schools of Business/Management	15,499	9,926	2,851	1,439	587	168	528
Schools of Art, Music & Design	15,564	9,169	1,221	1,284	1,431	80	2,379
Schools of Law	1,293	921	72	136	149	12	3
Teachers Colleges	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Other Specialized Institutions	1,044	810	60	73	68	11	22
Tribal Colleges	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Percentage distribution							
All institutions	100.0	61.0	17.3	12.6	5.5	1.1	2.6
Research Universities I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Research Universities II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Doctoral Universities I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Doctoral Universities II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Master's (Comprehensive) I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Master's (Comprehensive) II	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Baccalaureate(Lib Arts) Colleges I	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Baccalaureate Colleges II	100.0	57.2	22.9	9.5	7.7	1.3	1.4
Other 4-year institutions	100.0	58.4	18.1	12.1	8.0	1.0	2.3
Associate of Arts Colleges	100.0	62.9	17.3	13.2	3.5	1.1	2.0
Other 2-year institutions	100.0	60.9	17.4	14.6	4.3	1.3	1.6
Theological Seminaries, etc.	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Medical Schools/Centers	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Other Separate Health Profession Schools	100.0	78.6	2.5	4.6	10.1	1.2	3.0
Schools of Engineering/Technology	100.0	58.5	15.1	13.2	9.6	0.4	3.2
Schools of Business/Management	100.0	64.0	18.4	9.3	3.8	1.1	3.4
Schools of Art, Music & Design	100.0	58.9	7.8	8.2	9.2	0.5	15.3
Schools of Law	100.0	71.2	5.6	10.5	11.5	0.9	0.2
Teachers Colleges	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Other Specialized Institutions	100.0	77.6	5.7	7.0	6.5	1.1	2.1
Tribal Colleges	(†)	(†)	(†)	(†)	(†)	(†)	(†)

† Not applicable. No private for-profit institutions reported for this classification.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 14.—Total enrollment in Title IV degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	14,530,036	10,195,494	1,584,902	1,259,586	901,896	144,554	443,604
Alabama	216,241	151,054	54,598	1,827	2,561	1,611	4,590
Alaska	27,652	21,017	1,061	810	933	3,103	728
Arizona	302,123	212,597	10,631	47,681	10,171	12,602	8,441
Arkansas	113,751	89,147	18,453	1,206	1,407	1,040	2,498
California	1,968,466	956,899	150,117	421,605	374,320	22,220	43,305
Colorado *	261,319	207,037	9,613	26,068	9,439	3,465	5,697
Connecticut *	154,131	119,918	12,734	8,878	6,145	605	5,851
Delaware	46,260	35,637	7,113	1,068	1,107	199	1,136
District of Columbia	72,388	34,742	21,614	3,132	4,848	221	7,831
Florida	661,187	413,728	98,500	101,730	21,142	2,956	23,131
Georgia	303,685	199,406	79,165	5,446	10,022	831	8,815
Hawaii	61,615	15,297	1,596	1,511	37,545	248	5,418
Idaho	63,085	57,695	438	1,898	997	848	1,209
Illinois	729,084	497,990	95,663	69,973	42,660	2,384	20,414
Indiana	299,176	254,615	20,661	7,123	5,357	1,246	10,174
Iowa	181,944	161,904	5,152	3,061	3,891	859	7,077
Kansas	177,561	149,953	9,199	6,463	4,325	2,579	5,042
Kentucky	180,550	158,632	13,621	1,587	2,304	857	3,549
Louisiana	221,110	142,601	61,223	5,258	4,894	1,397	5,737
Maine	56,986	53,062	650	487	868	883	1,036
Maryland *	269,193	169,443	64,501	7,482	15,897	1,075	10,795
Massachusetts	415,501	314,314	26,125	20,572	26,626	1,857	26,007
Michigan	557,011	438,945	65,010	12,534	17,260	4,468	18,794
Minnesota	269,491	236,550	9,070	4,116	9,443	3,193	7,119
Mississippi	132,438	85,420	42,666	802	1,109	541	1,900
Missouri	310,507	257,254	29,237	6,192	7,448	2,132	8,244
Montana	44,150	38,084	166	543	347	4,022	988
Nebraska	111,123	98,963	3,700	2,430	2,402	820	2,808
Nevada	83,120	59,355	5,645	8,630	6,264	1,355	1,871
New Hampshire	60,784	56,051	999	1,020	1,202	266	1,246
New Jersey	325,885	212,703	39,889	35,328	24,375	964	12,626
New Mexico	108,810	56,200	2,720	37,939	2,099	8,037	1,815
New York *	1,019,324	656,140	137,223	104,789	70,854	4,149	46,169
North Carolina	387,407	279,169	82,401	5,989	8,539	3,980	7,329
North Dakota	39,441	34,976	383	286	295	2,319	1,182
Ohio	542,077	450,458	53,453	8,461	11,499	1,984	16,222
Oklahoma	178,507	131,611	13,927	4,898	4,605	14,898	8,568
Oregon	171,056	142,673	3,103	6,421	10,066	2,826	5,967
Pennsylvania	595,749	491,257	50,596	12,215	21,795	1,557	18,329
Rhode Island	73,970	61,224	3,538	3,257	2,900	289	2,762
South Carolina	181,353	129,081	44,299	1,874	2,370	546	3,183
South Dakota	41,545	36,729	346	247	240	3,125	858
Tennessee	251,319	198,977	39,193	3,006	4,205	854	5,084
Texas	978,550	577,982	100,744	217,311	48,198	5,223	29,092
Utah	151,232	135,863	939	4,496	3,620	1,287	5,027
Vermont	37,054	34,315	508	609	628	230	764
Virginia	370,142	267,321	63,362	9,808	18,919	2,045	8,687
Washington	298,974	234,008	11,367	12,442	25,477	6,326	9,354
West Virginia	88,107	80,662	3,692	582	973	325	1,873
Wisconsin	308,195	269,756	14,013	7,352	7,077	3,207	6,790
Wyoming	29,707	27,079	285	1,143	228	500	472

\* Includes data for U.S. Service Schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).



**Table 15.—Percentage distribution of total enrollment in Title IV degree-granting institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	14,530,036	70.2	10.9	8.7	6.2	1.0	3.1
Alabama	216,241	69.9	25.2	0.8	1.2	0.7	2.1
Alaska	27,652	76.0	3.8	2.9	3.4	11.2	2.6
Arizona	302,123	70.4	3.5	15.8	3.4	4.2	2.8
Arkansas	113,751	78.4	16.2	1.1	1.2	0.9	2.2
California	1,968,466	48.6	7.6	21.4	19.0	1.1	2.2
Colorado *	261,319	79.2	3.7	10.0	3.6	1.3	2.2
Connecticut *	154,131	77.8	8.3	5.8	4.0	0.4	3.8
Delaware	46,260	77.0	15.4	2.3	2.4	0.4	2.5
District of Columbia	72,388	48.0	29.9	4.3	6.7	0.3	10.8
Florida	661,187	62.6	14.9	15.4	3.2	0.4	3.5
Georgia	303,685	65.7	26.1	1.8	3.3	0.3	2.9
Hawaii	61,615	24.8	2.6	2.5	60.9	0.4	8.8
Idaho	63,085	91.5	0.7	3.0	1.6	1.3	1.9
Illinois	729,084	68.3	13.1	9.6	5.9	0.3	2.8
Indiana	299,176	85.1	6.9	2.4	1.8	0.4	3.4
Iowa	181,944	89.0	2.8	1.7	2.1	0.5	3.9
Kansas	177,561	84.5	5.2	3.6	2.4	1.5	2.8
Kentucky	180,550	87.9	7.5	0.9	1.3	0.5	2.0
Louisiana	221,110	64.5	27.7	2.4	2.2	0.6	2.6
Maine	56,986	93.1	1.1	0.9	1.5	1.5	1.8
Maryland *	269,193	62.9	24.0	2.8	5.9	0.4	4.0
Massachusetts	415,501	75.6	6.3	5.0	6.4	0.4	6.3
Michigan	557,011	78.8	11.7	2.3	3.1	0.8	3.4
Minnesota	269,491	87.8	3.4	1.5	3.5	1.2	2.6
Mississippi	132,438	64.5	32.2	0.6	0.8	0.4	1.4
Missouri	310,507	82.8	9.4	2.0	2.4	0.7	2.7
Montana	44,150	86.3	0.4	1.2	0.8	9.1	2.2
Nebraska	111,123	89.1	3.3	2.2	2.2	0.7	2.5
Nevada	83,120	71.4	6.8	10.4	7.5	1.6	2.3
New Hampshire	60,784	92.2	1.6	1.7	2.0	0.4	2.0
New Jersey	325,885	65.3	12.2	10.8	7.5	0.3	3.9
New Mexico	108,810	51.6	2.5	34.9	1.9	7.4	1.7
New York *	1,019,324	64.4	13.5	10.3	7.0	0.4	4.5
North Carolina	387,407	72.1	21.3	1.5	2.2	1.0	1.9
North Dakota	39,441	88.7	1.0	0.7	0.7	5.9	3.0
Ohio	542,077	83.1	9.9	1.6	2.1	0.4	3.0
Oklahoma	178,507	73.7	7.8	2.7	2.6	8.3	4.8
Oregon	171,056	83.4	1.8	3.8	5.9	1.7	3.5
Pennsylvania	595,749	82.5	8.5	2.1	3.7	0.3	3.1
Rhode Island	73,970	82.8	4.8	4.4	3.9	0.4	3.7
South Carolina	181,353	71.2	24.4	1.0	1.3	0.3	1.8
South Dakota	41,545	88.4	0.8	0.6	0.6	7.5	2.1
Tennessee	251,319	79.2	15.6	1.2	1.7	0.3	2.0
Texas	978,550	59.1	10.3	22.2	4.9	0.5	3.0
Utah	151,232	89.8	0.6	3.0	2.4	0.9	3.3
Vermont	37,054	92.6	1.4	1.6	1.7	0.6	2.1
Virginia	370,142	72.2	17.1	2.6	5.1	0.6	2.3
Washington	298,974	78.3	3.8	4.2	8.5	2.1	3.1
West Virginia	88,107	91.6	4.2	0.7	1.1	0.4	2.1
Wisconsin	308,195	87.5	4.5	2.4	2.3	1.0	2.2
Wyoming	29,707	91.2	1.0	3.8	0.8	1.7	1.6

\* Includes data for U.S. Service Schools.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 16.—Total enrollment in Title IV degree-granting public 4-year institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	5,891,806	4,266,971	602,037	381,907	361,941	54,849	224,101
Alabama	123,542	88,954	27,026	1,093	1,768	856	3,845
Alaska	25,430	19,343	981	758	850	2,807	691
Arizona	103,942	76,731	2,688	11,602	4,305	3,037	5,579
Arkansas	68,108	53,529	10,173	673	1,070	750	1,913
California	524,528	239,804	31,015	97,832	129,480	5,501	20,896
Colorado *	140,223	113,502	3,888	11,410	5,911	1,944	3,568
Connecticut *	55,740	45,967	3,580	2,517	1,845	222	1,609
Delaware	24,502	18,746	3,560	526	641	69	960
District of Columbia	5,410	268	4,422	242	178	4	296
Florida	218,471	138,579	31,206	30,446	9,116	772	8,352
Georgia	160,679	113,433	33,256	2,693	5,567	398	5,332
Hawaii	20,361	4,789	158	260	13,436	60	1,658
Idaho	42,463	38,507	356	1,317	770	658	855
Illinois	193,548	135,311	25,377	10,908	13,255	543	8,154
Indiana	186,916	158,078	11,722	4,440	4,040	703	7,933
Iowa	67,835	58,316	1,767	1,146	1,979	246	4,381
Kansas	86,783	73,314	3,089	2,342	2,512	1,610	3,916
Kentucky	105,381	92,539	7,586	727	1,388	279	2,862
Louisiana	148,627	99,158	38,298	2,842	3,088	872	4,369
Maine	30,850	28,973	185	151	241	548	752
Maryland *	118,616	70,694	30,553	3,227	8,265	384	5,493
Massachusetts	102,728	83,880	5,464	4,101	5,022	417	3,844
Michigan	267,136	208,403	26,485	5,952	10,687	1,964	13,645
Minnesota	111,609	96,809	2,906	1,556	4,637	1,079	4,622
Mississippi	62,350	39,726	19,619	403	669	192	1,741
Missouri	118,643	100,562	8,950	1,607	2,453	806	4,265
Montana	32,103	29,348	118	391	269	1,131	846
Nebraska	53,469	47,786	1,490	979	934	308	1,972
Nevada	33,304	24,582	1,657	2,323	2,774	355	1,613
New Hampshire	25,030	23,952	167	236	286	76	313
New Jersey	138,978	90,517	14,819	14,002	13,187	423	6,030
New Mexico	49,198	27,847	1,232	15,589	1,177	1,941	1,412
New York *	337,976	203,046	53,815	37,772	28,495	1,138	13,710
North Carolina	158,958	115,220	32,181	2,108	4,372	1,661	3,416
North Dakota	26,676	24,273	270	198	253	614	1,068
Ohio	263,308	217,002	23,868	3,738	6,529	956	11,215
Oklahoma	95,563	69,643	7,354	2,355	2,539	8,203	5,469
Oregon	66,598	53,877	1,107	2,282	4,591	969	3,772
Pennsylvania	236,821	198,452	19,303	4,235	7,684	586	6,561
Rhode Island	23,002	20,112	890	810	689	81	420
South Carolina	88,290	67,110	16,040	905	1,332	223	2,680
South Dakota	28,589	24,998	172	124	179	2,489	627
Tennessee	117,429	91,010	19,772	1,367	2,144	421	2,715
Texas	415,841	254,935	37,569	78,337	23,924	2,106	18,970
Utah	82,149	74,203	493	2,130	1,715	449	3,159
Vermont	15,891	15,114	76	168	241	70	222
Virginia	172,924	126,508	25,778	3,900	10,333	733	5,672
Washington	90,189	68,063	2,422	3,551	10,487	1,818	3,848
West Virginia	69,741	63,843	2,997	463	816	275	1,347
Wisconsin	144,234	127,615	4,016	2,738	3,698	978	5,189
Wyoming	11,124	10,000	121	435	120	124	324

\* Includes data for U.S. Service Schools.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 17.—Percentage distribution of total enrollment in Title IV degree-granting public 4-year institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	5,891,806	72.4	10.2	6.5	6.1	0.9	3.8
Alabama	123,542	72.0	21.9	0.9	1.4	0.7	3.1
Alaska	25,430	76.1	3.9	3.0	3.3	11.0	2.7
Arizona	103,942	73.8	2.6	11.2	4.1	2.9	5.4
Arkansas	68,108	78.6	14.9	1.0	1.6	1.1	2.8
California	524,528	45.7	5.9	18.7	24.7	1.0	4.0
Colorado *	140,223	80.9	2.8	8.1	4.2	1.4	2.5
Connecticut *	55,740	82.5	6.4	4.5	3.3	0.4	2.9
Delaware	24,502	76.5	14.5	2.1	2.6	0.3	3.9
District of Columbia	5,410	5.0	81.7	4.5	3.3	0.1	5.5
Florida	218,471	63.4	14.3	13.9	4.2	0.4	3.8
Georgia	160,679	70.6	20.7	1.7	3.5	0.2	3.3
Hawaii	20,361	23.5	0.8	1.3	66.0	0.3	8.1
Idaho	42,463	90.7	0.8	3.1	1.8	1.5	2.0
Illinois	193,548	69.9	13.1	5.6	6.8	0.3	4.2
Indiana	186,916	84.6	6.3	2.4	2.2	0.4	4.2
Iowa	67,835	86.0	2.6	1.7	2.9	0.4	6.5
Kansas	86,783	84.5	3.6	2.7	2.9	1.9	4.5
Kentucky	105,381	87.8	7.2	0.7	1.3	0.3	2.7
Louisiana	148,627	66.7	25.8	1.9	2.1	0.6	2.9
Maine	30,850	93.9	0.6	0.5	0.8	1.8	2.4
Maryland *	118,616	59.6	25.8	2.7	7.0	0.3	4.6
Massachusetts	102,728	81.7	5.3	4.0	4.9	0.4	3.7
Michigan	267,136	78.0	9.9	2.2	4.0	0.7	5.1
Minnesota	111,609	86.7	2.6	1.4	4.2	1.0	4.1
Mississippi	62,350	63.7	31.5	0.6	1.1	0.3	2.8
Missouri	118,643	84.8	7.5	1.4	2.1	0.7	3.6
Montana	32,103	91.4	0.4	1.2	0.8	3.5	2.6
Nebraska	53,469	89.4	2.8	1.8	1.7	0.6	3.7
Nevada	33,304	73.8	5.0	7.0	8.3	1.1	4.8
New Hampshire	25,030	95.7	0.7	0.9	1.1	0.3	1.3
New Jersey	138,978	65.1	10.7	10.1	9.5	0.3	4.3
New Mexico	49,198	56.6	2.5	31.7	2.4	3.9	2.9
New York *	337,976	60.1	15.9	11.2	8.4	0.3	4.1
North Carolina	158,958	72.5	20.2	1.3	2.8	1.0	2.1
North Dakota	26,676	91.0	1.0	0.7	0.9	2.3	4.0
Ohio	263,308	82.4	9.1	1.4	2.5	0.4	4.3
Oklahoma	95,563	72.9	7.7	2.5	2.7	8.6	5.7
Oregon	66,598	80.9	1.7	3.4	6.9	1.5	5.7
Pennsylvania	236,821	83.8	8.2	1.8	3.2	0.2	2.8
Rhode Island	23,002	87.4	3.9	3.5	3.0	0.4	1.8
South Carolina	88,290	76.0	18.2	1.0	1.5	0.3	3.0
South Dakota	28,589	87.4	0.6	0.4	0.6	8.7	2.2
Tennessee	117,429	77.5	16.8	1.2	1.8	0.4	2.3
Texas	415,841	61.3	9.0	18.8	5.8	0.5	4.6
Utah	82,149	90.3	0.6	2.6	2.1	0.5	3.8
Vermont	15,891	95.1	0.5	1.1	1.5	0.4	1.4
Virginia	172,924	73.2	14.9	2.3	6.0	0.4	3.3
Washington	90,189	75.5	2.7	3.9	11.6	2.0	4.3
West Virginia	69,741	91.5	4.3	0.7	1.2	0.4	1.9
Wisconsin	144,234	88.5	2.8	1.9	2.6	0.7	3.6
Wyoming	11,124	89.9	1.1	3.9	1.1	1.1	2.9

\* Includes data for U.S. Service Schools.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 18.—Total enrollment in Title IV degree-granting public 2-year institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	5,269,032	3,500,270	618,712	678,352	352,679	68,170	50,849
Alabama	67,143	48,788	16,337	544	579	673	222
Alaska	866	700	9	11	25	105	16
Arizona	164,160	111,535	6,168	31,469	4,606	8,402	1,980
Arkansas	34,156	26,552	6,700	418	242	207	37
California	1,140,759	545,133	97,067	282,990	201,355	14,019	195
Colorado	80,200	60,870	3,465	11,556	2,312	1,143	854
Connecticut	39,354	28,822	5,150	3,762	1,110	168	342
Delaware	12,860	9,607	2,374	384	291	104	100
District of Columbia	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Florida	313,450	198,048	45,799	52,675	8,490	1,612	6,826
Georgia	69,249	43,758	21,044	1,321	1,905	219	1,002
Hawaii	24,909	4,754	280	519	18,737	74	545
Idaho	8,867	8,216	29	339	68	116	99
Illinois	339,746	226,164	48,582	45,415	15,542	1,165	2,878
Indiana	41,534	35,887	4,031	864	303	279	170
Iowa	61,467	56,555	1,673	1,040	951	424	824
Kansas	71,811	60,664	4,691	3,425	1,539	766	726
Kentucky	40,963	36,091	3,478	479	434	409	72
Louisiana	41,269	24,734	14,081	1,160	678	400	216
Maine	7,786	7,225	86	86	92	263	34
Maryland	104,459	64,309	28,215	3,298	5,253	572	2,812
Massachusetts	75,648	58,520	7,084	5,895	2,697	361	1,091
Michigan	195,444	158,600	23,300	4,582	4,402	2,047	2,513
Minnesota	86,692	77,026	3,487	1,357	2,368	1,521	933
Mississippi	58,481	38,352	19,133	314	337	312	33
Missouri	75,819	63,578	8,958	1,143	1,266	428	446
Montana	6,665	5,396	15	78	39	1,118	19
Nebraska	35,571	32,068	1,386	957	704	418	38
Nevada	45,843	32,163	3,283	5,890	3,349	935	223
New Hampshire	7,157	7,000	43	39	55	20	0
New Jersey	121,114	76,854	17,641	15,686	7,140	333	3,460
New Mexico	51,952	24,057	1,241	19,675	797	5,815	367
New York	234,330	155,568	33,596	28,852	9,755	1,052	5,507
North Carolina	155,152	110,993	35,645	2,519	2,230	2,030	1,735
North Dakota	8,588	7,047	81	44	23	1,334	59
Ohio	145,179	121,701	17,286	2,610	1,898	667	1,017
Oklahoma	60,233	46,090	4,746	1,708	1,581	5,660	448
Oregon	77,728	66,533	1,530	3,319	3,837	1,535	974
Pennsylvania	101,226	80,520	13,926	2,699	3,098	402	581
Rhode Island	15,366	12,965	852	1,029	400	102	18
South Carolina	64,252	43,900	18,267	768	804	268	245
South Dakota	5,499	4,958	19	20	17	484	1
Tennessee	75,964	61,763	11,840	697	1,013	272	379
Texas	433,234	238,206	49,102	119,766	18,973	2,317	4,870
Utah	29,166	25,799	220	1,224	905	524	494
Vermont	4,658	4,481	36	35	51	45	10
Virginia	132,531	96,554	22,592	4,488	6,632	884	1,381
Washington	166,858	132,880	7,380	7,367	11,657	3,846	3,728
West Virginia	6,581	6,344	177	19	26	12	3
Wisconsin	109,460	95,672	6,435	3,220	2,011	1,944	178
Wyoming	17,633	16,270	152	597	102	364	148

† Not applicable. District of Columbia does not have any public 2-year institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 19.—Percentage distribution of total enrollment in Title IV degree-granting public 2-year institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	5,269,032	66.4	11.7	12.9	6.7	1.3	1.0
Alabama	67,143	72.7	24.3	0.8	0.9	1.0	0.3
Alaska	866	80.8	1.0	1.3	2.9	12.1	1.8
Arizona	164,160	67.9	3.8	19.2	2.8	5.1	1.2
Arkansas	34,156	77.7	19.6	1.2	0.7	0.6	0.1
California	1,140,759	47.8	8.5	24.8	17.7	1.2	0.0
Colorado	80,200	75.9	4.3	14.4	2.9	1.4	1.1
Connecticut	39,354	73.2	13.1	9.6	2.8	0.4	0.9
Delaware	12,860	74.7	18.5	3.0	2.3	0.8	0.8
District of Columbia	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Florida	313,450	63.2	14.6	16.8	2.7	0.5	2.2
Georgia	69,249	63.2	30.4	1.9	2.8	0.3	1.4
Hawaii	24,909	19.1	1.1	2.1	75.2	0.3	2.2
Idaho	8,867	92.7	0.3	3.8	0.8	1.3	1.1
Illinois	339,746	66.6	14.3	13.4	4.6	0.3	0.8
Indiana	41,534	86.4	9.7	2.1	0.7	0.7	0.4
Iowa	61,467	92.0	2.7	1.7	1.5	0.7	1.3
Kansas	71,811	84.5	6.5	4.8	2.1	1.1	1.0
Kentucky	40,963	88.1	8.5	1.2	1.1	1.0	0.2
Louisiana	41,269	59.9	34.1	2.8	1.6	1.0	0.5
Maine	7,786	92.8	1.1	1.1	1.2	3.4	0.4
Maryland	104,459	61.6	27.0	3.2	5.0	0.5	2.7
Massachusetts	75,648	77.4	9.4	7.8	3.6	0.5	1.4
Michigan	195,444	81.1	11.9	2.3	2.3	1.0	1.3
Minnesota	86,692	88.9	4.0	1.6	2.7	1.8	1.1
Mississippi	58,481	65.6	32.7	0.5	0.6	0.5	0.1
Missouri	75,819	83.9	11.8	1.5	1.7	0.6	0.6
Montana	6,665	81.0	0.2	1.2	0.6	16.8	0.3
Nebraska	35,571	90.2	3.9	2.7	2.0	1.2	0.1
Nevada	45,843	70.2	7.2	12.8	7.3	2.0	0.5
New Hampshire	7,157	97.8	0.6	0.5	0.8	0.3	0.0
New Jersey	121,114	63.5	14.6	13.0	5.9	0.3	2.9
New Mexico	51,952	46.3	2.4	37.9	1.5	11.2	0.7
New York	234,330	66.4	14.3	12.3	4.2	0.4	2.4
North Carolina	155,152	71.5	23.0	1.6	1.4	1.3	1.1
North Dakota	8,588	82.1	0.9	0.5	0.3	15.5	0.7
Ohio	145,179	83.8	11.9	1.8	1.3	0.5	0.7
Oklahoma	60,233	76.5	7.9	2.8	2.6	9.4	0.7
Oregon	77,728	85.6	2.0	4.3	4.9	2.0	1.3
Pennsylvania	101,226	79.5	13.8	2.7	3.1	0.4	0.6
Rhode Island	15,366	84.4	5.5	6.7	2.6	0.7	0.1
South Carolina	64,252	68.3	28.4	1.2	1.3	0.4	0.4
South Dakota	5,499	90.2	0.3	0.4	0.3	8.8	0.0
Tennessee	75,964	81.3	15.6	0.9	1.3	0.4	0.5
Texas	433,234	55.0	11.3	27.6	4.4	0.5	1.1
Utah	29,166	88.5	0.8	4.2	3.1	1.8	1.7
Vermont	4,658	96.2	0.8	0.8	1.1	1.0	0.2
Virginia	132,531	72.9	17.0	3.4	5.0	0.7	1.0
Washington	166,858	79.6	4.4	4.4	7.0	2.3	2.2
West Virginia	6,581	96.4	2.7	0.3	0.4	0.2	0.0
Wisconsin	109,460	87.4	5.9	2.9	1.8	1.8	0.2
Wyoming	17,633	92.3	0.9	3.4	0.6	2.1	0.8

† Not applicable. District of Columbia does not have any public 2-year insititutions.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 20.—Total enrollment in Title IV degree-granting private not-for-profit institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	3,004,925	2,206,213	301,183	153,566	167,252	17,615	159,096
Alabama	22,334	11,428	9,975	167	195	66	503
Alaska	905	665	36	21	23	139	21
Arizona	10,212	7,423	428	851	417	270	823
Arkansas	11,271	8,948	1,494	112	88	82	547
California	235,678	139,368	14,254	27,322	34,139	1,978	18,617
Colorado	24,175	19,757	971	1,437	725	186	1,099
Connecticut	57,692	44,178	3,816	2,426	3,165	210	3,897
Delaware	8,898	7,284	1,179	158	175	26	76
District of Columbia	63,686	34,103	14,860	2,781	4,549	213	7,180
Florida	101,216	62,060	16,039	13,322	2,815	455	6,525
Georgia	64,703	38,605	20,249	1,218	2,258	175	2,198
Hawaii	14,974	5,141	1,028	646	4,846	102	3,211
Idaho	11,051	10,335	45	201	154	69	247
Illinois	177,601	126,511	17,966	11,086	12,302	616	9,120
Indiana	63,170	54,360	3,900	1,655	946	256	2,053
Iowa	52,282	46,716	1,684	866	955	189	1,872
Kansas	18,186	15,407	1,284	640	262	197	396
Kentucky	27,114	24,660	1,246	223	369	75	541
Louisiana	28,431	17,397	7,493	1,195	1,093	111	1,142
Maine	16,852	15,408	355	240	530	71	248
Maryland	44,870	33,832	5,139	940	2,354	115	2,490
Massachusetts	235,826	171,196	13,318	10,394	18,836	1,053	21,029
Michigan	91,058	70,071	13,902	1,905	2,131	436	2,613
Minnesota	60,524	53,971	1,681	963	1,940	458	1,511
Mississippi	11,287	7,287	3,652	84	103	37	124
Missouri	106,891	86,756	9,806	2,995	3,291	545	3,498
Montana	5,159	3,143	29	68	38	1,758	123
Nebraska	20,884	18,095	679	467	759	86	798
Nevada	585	484	31	35	11	14	10
New Hampshire	24,553	21,372	612	668	833	160	908
New Jersey	59,536	42,334	5,835	4,359	3,730	168	3,110
New Mexico	3,112	2,329	64	567	45	77	30
New York	416,584	283,551	42,169	31,606	31,300	1,842	26,116
North Carolina	73,139	52,820	14,555	1,360	1,937	289	2,178
North Dakota	4,160	3,643	31	43	19	369	55
Ohio	120,600	101,878	9,784	1,876	2,894	330	3,838
Oklahoma	20,796	14,732	1,624	653	413	953	2,421
Oregon	24,762	20,609	404	737	1,562	294	1,156
Pennsylvania	232,450	191,710	14,129	4,644	10,630	484	10,853
Rhode Island	35,602	28,147	1,796	1,418	1,811	106	2,324
South Carolina	27,748	17,618	9,395	199	226	54	256
South Dakota	5,296	4,982	62	47	25	111	69
Tennessee	52,630	42,295	6,390	859	986	127	1,973
Texas	114,985	77,820	11,610	15,279	4,663	719	4,894
Utah	35,281	31,940	111	825	843	202	1,360
Vermont	15,856	14,109	389	397	336	115	510
Virginia	50,232	36,175	10,619	829	1,075	319	1,215
Washington	37,286	29,662	1,258	1,368	3,008	590	1,400
West Virginia	10,062	8,809	473	96	128	38	518
Wisconsin	52,740	45,089	3,334	1,318	1,319	280	1,400
Wyoming	(†)	(†)	(†)	(†)	(†)	(†)	(†)

† Not applicable. State does not have any private not-for-profit institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 21.—Percentage distribution of total enrollment in Title IV degree-granting private not-for-profit institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	3,004,925	73.4	10.0	5.1	5.6	0.6	5.3
Alabama	22,334	51.2	44.7	0.7	0.9	0.3	2.3
Alaska	905	73.5	4.0	2.3	2.5	15.4	2.3
Arizona	10,212	72.7	4.2	8.3	4.1	2.6	8.1
Arkansas	11,271	79.4	13.3	1.0	0.8	0.7	4.9
California	235,678	59.1	6.0	11.6	14.5	0.8	7.9
Colorado	24,175	81.7	4.0	5.9	3.0	0.8	4.5
Connecticut	57,692	76.6	6.6	4.2	5.5	0.4	6.8
Delaware	8,898	81.9	13.3	1.8	2.0	0.3	0.9
District of Columbia	63,686	53.5	23.3	4.4	7.1	0.3	11.3
Florida	101,216	61.3	15.8	13.2	2.8	0.4	6.4
Georgia	64,703	59.7	31.3	1.9	3.5	0.3	3.4
Hawaii	14,974	34.3	6.9	4.3	32.4	0.7	21.4
Idaho	11,051	93.5	0.4	1.8	1.4	0.6	2.2
Illinois	177,601	71.2	10.1	6.2	6.9	0.3	5.1
Indiana	63,170	86.1	6.2	2.6	1.5	0.4	3.2
Iowa	52,282	89.4	3.2	1.7	1.8	0.4	3.6
Kansas	18,186	84.7	7.1	3.5	1.4	1.1	2.2
Kentucky	27,114	90.9	4.6	0.8	1.4	0.3	2.0
Louisiana	28,431	61.2	26.4	4.2	3.8	0.4	4.0
Maine	16,852	91.4	2.1	1.4	3.1	0.4	1.5
Maryland	44,870	75.4	11.5	2.1	5.2	0.3	5.5
Massachusetts	235,826	72.6	5.6	4.4	8.0	0.4	8.9
Michigan	91,058	77.0	15.3	2.1	2.3	0.5	2.9
Minnesota	60,524	89.2	2.8	1.6	3.2	0.8	2.5
Mississippi	11,287	64.6	32.4	0.7	0.9	0.3	1.1
Missouri	106,891	81.2	9.2	2.8	3.1	0.5	3.3
Montana	5,159	60.9	0.6	1.3	0.7	34.1	2.4
Nebraska	20,884	86.6	3.3	2.2	3.6	0.4	3.8
Nevada	585	82.7	5.3	6.0	1.9	2.4	1.7
New Hampshire	24,553	87.0	2.5	2.7	3.4	0.7	3.7
New Jersey	59,536	71.1	9.8	7.3	6.3	0.3	5.2
New Mexico	3,112	74.8	2.1	18.2	1.4	2.5	1.0
New York	416,584	68.1	10.1	7.6	7.5	0.4	6.3
North Carolina	73,139	72.2	19.9	1.9	2.6	0.4	3.0
North Dakota	4,160	87.6	0.7	1.0	0.5	8.9	1.3
Ohio	120,600	84.5	8.1	1.6	2.4	0.3	3.2
Oklahoma	20,796	70.8	7.8	3.1	2.0	4.6	11.6
Oregon	24,762	83.2	1.6	3.0	6.3	1.2	4.7
Pennsylvania	232,450	82.5	6.1	2.0	4.6	0.2	4.7
Rhode Island	35,602	79.1	5.0	4.0	5.1	0.3	6.5
South Carolina	27,748	63.5	33.9	0.7	0.8	0.2	0.9
South Dakota	5,296	94.1	1.2	0.9	0.5	2.1	1.3
Tennessee	52,630	80.4	12.1	1.6	1.9	0.2	3.7
Texas	114,985	67.7	10.1	13.3	4.1	0.6	4.3
Utah	35,281	90.5	0.3	2.3	2.4	0.6	3.9
Vermont	15,856	89.0	2.5	2.5	2.1	0.7	3.2
Virginia	50,232	72.0	21.1	1.7	2.1	0.6	2.4
Washington	37,286	79.6	3.4	3.7	8.1	1.6	3.8
West Virginia	10,062	87.5	4.7	1.0	1.3	0.4	5.1
Wisconsin	52,740	85.5	6.3	2.5	2.5	0.5	2.7
Wyoming	(†)	(†)	(†)	(†)	(†)	(†)	(†)

† Not applicable. State does not have any private not-for-profit institutions.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 22.—Total enrollment in Title IV degree-granting private for-profit institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	364,273	222,040	62,970	45,761	20,024	3,920	9,558
Alabama	3,222	1,884	1,260	23	19	16	20
Alaska	451	309	35	20	35	52	0
Arizona	23,809	16,908	1,347	3,759	843	893	59
Arkansas	216	118	86	3	7	1	1
California	67,501	32,594	7,781	13,461	9,346	722	3,597
Colorado	16,721	12,908	1,289	1,665	491	192	176
Connecticut	1,345	951	188	173	25	5	3
Delaware	(†)	(†)	(†)	(†)	(†)	(†)	(†)
District of Columbia	3,292	371	2,332	109	121	4	355
Florida	28,050	15,041	5,456	5,287	721	117	1,428
Georgia	9,054	3,610	4,616	214	292	39	283
Hawaii	1,371	613	130	86	526	12	4
Idaho	704	637	8	41	5	5	8
Illinois	18,189	10,004	3,738	2,564	1,561	60	262
Indiana	7,556	6,290	1,008	164	68	8	18
Iowa	360	317	28	9	6	0	0
Kansas	781	568	135	56	12	6	4
Kentucky	7,092	5,342	1,311	158	113	94	74
Louisiana	2,783	1,312	1,351	61	35	14	10
Maine	1,498	1,456	24	10	5	1	2
Maryland	1,248	608	594	17	25	4	0
Massachusetts	1,299	718	259	182	71	26	43
Michigan	3,373	1,871	1,323	95	40	21	23
Minnesota	10,666	8,744	996	240	498	135	53
Mississippi	320	55	262	1	0	0	2
Missouri	9,154	6,358	1,523	447	438	353	35
Montana	223	197	4	6	1	15	0
Nebraska	1,199	1,014	145	27	5	8	0
Nevada	3,388	2,126	674	382	130	51	25
New Hampshire	4,044	3,727	177	77	28	10	25
New Jersey	6,257	2,998	1,594	1,281	318	40	26
New Mexico	4,548	1,967	183	2,108	80	204	6
New York	30,434	13,975	7,643	6,559	1,304	117	836
North Carolina	158	136	20	2	0	0	0
North Dakota	17	13	1	1	0	2	0
Ohio	12,990	9,877	2,515	237	178	31	152
Oklahoma	1,915	1,146	203	182	72	82	230
Oregon	1,968	1,654	62	83	76	28	65
Pennsylvania	25,252	20,575	3,238	637	383	85	334
Rhode Island	(†)	(†)	(†)	(†)	(†)	(†)	(†)
South Carolina	1,063	453	597	2	8	1	2
South Dakota	2,161	1,791	93	56	19	41	161
Tennessee	5,296	3,909	1,191	83	62	34	17
Texas	14,490	7,021	2,463	3,929	638	81	358
Utah	4,636	3,921	115	317	157	112	14
Vermont	649	611	7	9	0	0	22
Virginia	14,455	8,084	4,373	591	879	109	419
Washington	4,641	3,403	307	156	325	72	378
West Virginia	1,723	1,666	45	4	3	0	5
Wisconsin	1,761	1,380	228	76	49	5	23
Wyoming	950	809	12	111	6	12	0

† Not applicable. State does not have any Title IV degree-granting private for-profit institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).



**Table 23.—Percentage distribution of total enrollment in Title IV degree-granting private for-profit institutions, by race/ethnicity and state: 50 states and District of Columbia, fall 1998**

State	Total	White, non-Hispanic	Black, non-Hispanic	Hispanic	Asian/ Pacific Islander	American Indian/ Alaskan Native	Nonresident alien
50 states and DC	364,273	61.0	17.3	12.6	5.5	1.1	2.6
Alabama	3,222	58.5	39.1	0.7	0.6	0.5	0.6
Alaska	451	68.5	7.8	4.4	7.8	11.5	0.0
Arizona	23,809	71.0	5.7	15.8	3.5	3.8	0.2
Arkansas	216	54.6	39.8	1.4	3.2	0.5	0.5
California	67,501	48.3	11.5	19.9	13.8	1.1	5.3
Colorado	16,721	77.2	7.7	10.0	2.9	1.1	1.1
Connecticut	1,345	70.7	14.0	12.9	1.9	0.4	0.2
Delaware	(†)	(†)	(†)	(†)	(†)	(†)	(†)
District of Columbia	3,292	11.3	70.8	3.3	3.7	0.1	10.8
Florida	28,050	53.6	19.5	18.8	2.6	0.4	5.1
Georgia	9,054	39.9	51.0	2.4	3.2	0.4	3.1
Hawaii	1,371	44.7	9.5	6.3	38.4	0.9	0.3
Idaho	704	90.5	1.1	5.8	0.7	0.7	1.1
Illinois	18,189	55.0	20.6	14.1	8.6	0.3	1.4
Indiana	7,556	83.2	13.3	2.2	0.9	0.1	0.2
Iowa	360	88.1	7.8	2.5	1.7	0.0	0.0
Kansas	781	72.7	17.3	7.2	1.5	0.8	0.5
Kentucky	7,092	75.3	18.5	2.2	1.6	1.3	1.0
Louisiana	2,783	47.1	48.5	2.2	1.3	0.5	0.4
Maine	1,498	97.2	1.6	0.7	0.3	0.1	0.1
Maryland	1,248	48.7	47.6	1.4	2.0	0.3	0.0
Massachusetts	1,299	55.3	19.9	14.0	5.5	2.0	3.3
Michigan	3,373	55.5	39.2	2.8	1.2	0.6	0.7
Minnesota	10,666	82.0	9.3	2.3	4.7	1.3	0.5
Mississippi	320	17.2	81.9	0.3	0.0	0.0	0.6
Missouri	9,154	69.5	16.6	4.9	4.8	3.9	0.4
Montana	223	88.3	1.8	2.7	0.4	6.7	0.0
Nebraska	1,199	84.6	12.1	2.3	0.4	0.7	0.0
Nevada	3,388	62.8	19.9	11.3	3.8	1.5	0.7
New Hampshire	4,044	92.2	4.4	1.9	0.7	0.2	0.6
New Jersey	6,257	47.9	25.5	20.5	5.1	0.6	0.4
New Mexico	4,548	43.2	4.0	46.4	1.8	4.5	0.1
New York	30,434	45.9	25.1	21.6	4.3	0.4	2.7
North Carolina	158	86.1	12.7	1.3	0.0	0.0	0.0
North Dakota	17	76.5	5.9	5.9	0.0	11.8	0.0
Ohio	12,990	76.0	19.4	1.8	1.4	0.2	1.2
Oklahoma	1,915	59.8	10.6	9.5	3.8	4.3	12.0
Oregon	1,968	84.0	3.2	4.2	3.9	1.4	3.3
Pennsylvania	25,252	81.5	12.8	2.5	1.5	0.3	1.3
Rhode Island	(†)	(†)	(†)	(†)	(†)	(†)	(†)
South Carolina	1,063	42.6	56.2	0.2	0.8	0.1	0.2
South Dakota	2,161	82.9	4.3	2.6	0.9	1.9	7.5
Tennessee	5,296	73.8	22.5	1.6	1.2	0.6	0.3
Texas	14,490	48.5	17.0	27.1	4.4	0.6	2.5
Utah	4,636	84.6	2.5	6.8	3.4	2.4	0.3
Vermont	649	94.1	1.1	1.4	0.0	0.0	3.4
Virginia	14,455	55.9	30.3	4.1	6.1	0.8	2.9
Washington	4,641	73.3	6.6	3.4	7.0	1.6	8.1
West Virginia	1,723	96.7	2.6	0.2	0.2	0.0	0.3
Wisconsin	1,761	78.4	12.9	4.3	2.8	0.3	1.3
Wyoming	950	85.2	1.3	11.7	0.6	1.3	0.0

† Not applicable. State does not have any Title IV degree-granting private for-profit institutions.

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table 24.—Residence and migration of all first-time students in Title IV degree-granting institutions, by state or other area: 50 states, District of Columbia and the outlying areas, fall 1998**

State or other area	Students enrolled in institutions located in the jurisdiction	Student residents of state attending college		Migration of students		
		in any jurisdiction	in home jurisdiction	Out-of	Into	Net
50 states and D.C.	2,210,781	2,173,344	1,781,389	391,955	429,392	37,437
Alabama	37,821	34,112	30,913	3,199	6,908	3,709
Alaska	2,511	3,909	1,925	1,984	586	-1,398
Arizona	41,042	35,385	32,631	2,754	8,411	5,657
Arkansas	20,865	20,382	17,940	2,442	2,925	483
California	214,886	208,553	191,854	16,699	23,032	6,333
Colorado	38,930	34,079	28,385	5,694	10,545	4,851
Connecticut	22,201	26,447	14,662	11,785	7,539	-4,246
Delaware	7,812	5,960	4,419	1,541	3,393	1,852
District of Columbia	8,843	3,116	1,163	1,953	7,680	5,727
Florida	90,702	77,201	67,095	10,106	23,607	13,501
Georgia	53,673	51,322	43,633	7,689	10,040	2,351
Hawaii	9,519	10,550	8,075	2,475	1,444	-1,031
Idaho	11,078	10,234	7,945	2,289	3,133	844
Illinois	108,523	117,996	98,262	19,734	10,261	-9,473
Indiana	55,003	48,189	42,403	5,786	12,600	6,814
Iowa	37,709	33,337	29,654	3,683	8,055	4,372
Kansas	27,313	25,532	22,561	2,971	4,752	1,781
Kentucky	30,299	29,284	25,331	3,953	4,968	1,015
Louisiana	40,534	39,180	35,591	3,589	4,943	1,354
Maine	8,643	10,067	6,268	3,799	2,375	-1,424
Maryland	36,680	40,472	28,353	12,119	8,327	-3,792
Massachusetts	63,290	53,001	38,672	14,329	24,618	10,289
Michigan	79,681	79,795	72,072	7,723	7,609	-114
Minnesota	44,943	36,549	26,858	9,691	18,085	8,394
Mississippi	28,775	26,171	24,522	1,649	4,253	2,604
Missouri	44,062	41,078	34,762	6,316	9,300	2,984
Montana	7,904	8,280	6,285	1,995	1,619	-376
Nebraska	17,648	17,409	14,654	2,755	2,994	239
Nevada	11,312	11,719	9,681	2,038	1,631	-407
New Hampshire	10,505	9,833	5,424	4,409	5,081	672
New Jersey	48,577	68,705	43,466	25,239	5,111	-20,128
New Mexico	15,391	15,797	12,590	3,207	2,801	-406
New York	158,258	156,009	129,059	26,950	29,199	2,249
North Carolina	66,609	57,815	53,272	4,543	13,337	8,794
North Dakota	8,293	6,879	5,653	1,226	2,640	1,414
Ohio	95,958	92,127	80,165	11,962	15,793	3,831
Oklahoma	31,732	30,132	27,200	2,932	4,532	1,600
Oregon	22,523	21,531	17,215	4,316	5,308	992
Pennsylvania	112,067	104,153	87,096	17,057	24,971	7,914
Rhode Island	14,372	9,048	6,412	2,636	7,960	5,324
South Carolina	32,026	29,267	25,943	3,324	6,083	2,759
South Dakota	8,504	8,497	6,634	1,863	1,870	7
Tennessee	38,508	35,219	29,738	5,481	8,770	3,289
Texas	157,599	155,999	143,036	12,963	14,563	1,600
Utah	25,893	19,601	18,043	1,558	7,850	6,292
Vermont	6,812	4,993	2,693	2,300	4,119	1,819
Virginia	51,131	46,721	37,296	9,425	13,835	4,410
Washington	32,910	34,851	28,607	6,244	4,303	-1,941
West Virginia	16,129	14,401	12,011	2,390	4,118	1,728
Wisconsin	50,361	47,157	40,196	6,961	10,165	3,204
Wyoming	4,421	4,364	3,071	1,293	1,350	57
State unknown	(†)	60,936	(†)	60,936	(†)	-60,936
American Samoa	435	489	435	54	0	-54
Fed. Micronesia	366	1,821	363	1,458	3	-1,455
Guam	562	529	346	183	216	33
Marshall Islands	190	207	177	30	13	-17
Northern Marianas	117	136	109	27	8	-19
Palau	140	111	97	14	43	29
Puerto Rico	32,448	27,214	26,356	858	6,092	5,234
Virgin Islands	314	753	296	457	18	-439
Foreign country	(†)	40,749	(†)	40,749	(†)	-40,749

† Not applicable. IPEDS does not collect enrollment data from institutions located in foreign countries. "State unknown" represents cases where the student's home state cannot be determined.

NOTE: First-time students include first-time, first-year degree-seeking undergraduate-level students, either full-time or part-time.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF):98).

**Table 25.—Residence and migration of all first-time students graduating from high school in the past 12 months enrolled in Title IV degree-granting institutions, by state or other area: 50 states, District of Columbia, and the outlying areas, fall 1998.**

State or other area	Students enrolled in institutions located in the jurisdiction	Student residents of state attending college		Migration of students		
		in any jurisdiction	in home jurisdiction	Out-of	Into	Net
50 states and D.C.	1,593,805	1,572,618	1,255,953	316,665	337,852	21,187
Alabama	27,557	24,489	21,881	2,608	5,676	3,068
Alaska	1,100	2,467	820	1,647	280	-1,367
Arizona	21,122	17,421	15,154	2,267	5,968	3,701
Arkansas	15,662	15,083	13,193	1,890	2,469	579
California	160,722	158,868	144,513	14,355	16,209	1,854
Colorado	22,612	20,754	15,766	4,988	6,846	1,858
Connecticut	17,395	21,399	10,453	10,946	6,942	-4,004
Delaware	6,573	4,786	3,391	1,395	3,182	1,787
District of Columbia	6,946	1,940	491	1,449	6,455	5,006
Florida	60,621	54,227	45,661	8,566	14,960	6,394
Georgia	40,580	38,771	32,298	6,473	8,282	1,809
Hawaii	6,018	7,327	5,164	2,163	854	-1,309
Idaho	8,248	7,549	5,628	1,921	2,620	699
Illinois	72,180	81,379	63,964	17,415	8,216	-9,199
Indiana	44,777	38,266	33,529	4,737	11,248	6,511
Iowa	26,589	23,257	20,068	3,189	6,521	3,332
Kansas	19,410	18,021	15,592	2,429	3,818	1,389
Kentucky	23,343	22,345	19,262	3,083	4,081	998
Louisiana	30,305	28,945	25,993	2,952	4,312	1,360
Maine	6,300	7,691	4,348	3,343	1,952	-1,391
Maryland	25,741	29,323	18,717	10,606	7,024	-3,582
Massachusetts	51,820	42,478	29,708	12,770	22,112	9,342
Michigan	58,733	58,877	52,345	6,532	6,388	-144
Minnesota	32,520	28,512	20,154	8,358	12,366	4,008
Mississippi	18,589	16,858	15,489	1,369	3,100	1,731
Missouri	33,727	31,832	26,418	5,414	7,309	1,895
Montana	6,009	6,355	4,637	1,718	1,372	-346
Nebraska	13,320	13,231	10,800	2,431	2,520	89
Nevada	4,260	5,000	3,260	1,740	1,000	-740
New Hampshire	8,203	7,583	3,709	3,874	4,494	620
New Jersey	33,780	52,940	29,780	23,160	4,000	-19,160
New Mexico	10,592	11,203	8,571	2,632	2,021	-611
New York	115,829	116,307	91,938	24,369	23,891	-478
North Carolina	48,113	40,558	37,149	3,409	10,964	7,555
North Dakota	7,390	5,976	5,036	940	2,354	1,414
Ohio	69,803	68,267	57,843	10,424	11,960	1,536
Oklahoma	19,236	18,493	16,104	2,389	3,132	743
Oregon	14,526	14,302	10,470	3,832	4,056	224
Pennsylvania	87,333	79,949	65,064	14,885	22,269	7,384
Rhode Island	10,862	6,416	4,047	2,369	6,815	4,446
South Carolina	23,575	21,050	18,284	2,766	5,291	2,525
South Dakota	5,944	6,108	4,491	1,617	1,453	-164
Tennessee	29,948	26,997	22,337	4,660	7,611	2,951
Texas	102,209	105,505	94,266	11,239	7,943	-3,296
Utah	18,241	13,451	12,163	1,288	6,078	4,790
Vermont	5,379	3,811	1,768	2,043	3,611	1,568
Virginia	40,356	37,488	29,277	8,211	11,079	2,868
Washington	28,049	29,663	24,470	5,193	3,579	-1,614
West Virginia	12,931	11,152	9,371	1,781	3,560	1,779
Wisconsin	35,219	34,814	28,662	6,152	6,557	405
Wyoming	3,508	3,494	2,456	1,038	1,052	14
State unknown	(†)	29,640	(†)	29,640	(†)	-29,640
American Samoa	435	481	435	46	0	-46
Fed. Micronesia	348	824	346	478	2	-476
Guam	453	437	284	153	169	16
Marshall Islands	177	180	165	15	12	-3
Northern Marianas	95	118	95	23	0	-23
Palau	139	106	97	9	42	33
Puerto Rico	28,969	25,097	24,464	633	4,505	3,872
Virgin Islands	275	629	258	371	17	-354
Foreign country	(†)	24,206	(†)	24,206	(†)	-24,206

† Not applicable. IPEDS does not collect enrollment data from institutions located in foreign countries. "State unknown" represents cases where the student's home state cannot be determined.

NOTE: First-time students include first-time, first-year degree-seeking undergraduate-level students, either full-time or part-time.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF):98).

**Table 26.—Total enrollment and minority enrollment in Title IV degree-granting institutions, by state: 50 states and District of Columbia, fall 1997 and fall 1998**

State	Total enrollment			Minority enrollment <sup>1</sup>			Percent minority	
	1997	1998	Percent change	1997	1998	Percent change	1997	1998
50 states and DC	14,502,334	14,530,036	0.2	3,771,210	3,890,938	3.2	26.0	26.8
Alabama <sup>2</sup>	282,502	216,241	-23.5	72,855	60,597	-16.8	25.8	28.0
Alaska	27,915	27,652	-0.9	5,960	5,907	-0.9	21.4	21.4
Arizona	292,730	302,123	3.2	75,978	81,085	6.7	26.0	26.8
Arkansas	112,342	113,751	1.3	21,226	22,106	4.1	18.9	19.4
California <sup>2</sup>	1,959,963	1,968,466	0.4	930,563	968,262	4.1	47.5	49.2
Colorado <sup>3</sup>	256,341	261,319	1.9	46,551	48,585	4.4	18.2	18.6
Connecticut <sup>3</sup>	153,958	154,131	0.1	27,072	28,362	4.8	17.6	18.4
Delaware	44,890	46,260	3.1	8,933	9,487	6.2	19.9	20.5
District of Columbia <sup>2</sup>	73,534	72,388	-1.6	28,570	29,815	4.4	38.9	41.2
Florida	658,259	661,187	0.4	215,727	224,328	4.0	32.8	33.9
Georgia	306,238	303,685	-0.8	93,844	95,464	1.7	30.6	31.4
Hawaii	61,514	61,615	0.2	40,658	40,900	0.6	66.1	66.4
Idaho	61,641	63,085	2.3	3,944	4,181	6.0	6.4	6.6
Illinois	726,199	729,084	0.4	206,171	210,680	2.2	28.4	28.9
Indiana	295,517	299,176	1.2	32,858	34,387	4.7	11.1	11.5
Iowa	180,967	181,944	0.5	12,922	12,963	0.3	7.1	7.1
Kansas <sup>2</sup>	178,652	177,561	-0.6	23,961	22,566	-5.8	13.4	12.7
Kentucky	178,924	180,550	0.9	17,054	18,369	7.7	9.5	10.2
Louisiana	219,196	221,110	0.9	70,708	72,772	2.9	32.3	32.9
Maine	56,368	56,986	1.1	2,511	2,888	15.0	4.5	5.1
Maryland <sup>2,3</sup>	266,111	269,193	1.2	84,434	88,955	5.4	31.7	33.0
Massachusetts	412,620	415,501	0.7	72,223	75,180	4.1	17.5	18.1
Michigan	549,742	557,011	1.3	95,075	99,272	4.4	17.3	17.8
Minnesota	269,887	269,491	-0.1	24,230	25,822	6.6	9.0	9.6
Mississippi	130,561	132,438	1.4	42,848	45,118	5.3	32.8	34.1
Missouri	302,896	310,507	2.5	41,535	45,009	8.4	13.7	14.5
Montana	44,141	44,150	#	4,950	5,078	2.6	11.2	11.5
Nebraska	111,542	111,123	-0.4	9,434	9,352	-0.9	8.5	8.4
Nevada	76,417	83,120	8.8	18,306	21,894	19.6	24.0	26.3
New Hampshire	63,811	60,784	-4.7	3,543	3,487	-1.6	5.6	5.7
New Jersey	325,754	325,885	#	96,223	100,556	4.5	29.5	30.9
New Mexico	108,560	108,810	0.2	49,083	50,795	3.5	45.2	46.7
New York <sup>3</sup>	1,029,527	1,019,324	-1.0	315,066	317,015	0.6	30.6	31.1
North Carolina	373,717	387,407	3.7	94,160	100,909	7.2	25.2	26.0
North Dakota	38,937	39,441	1.3	3,024	3,283	8.6	7.8	8.3
Ohio <sup>2</sup>	537,730	542,077	0.8	73,168	75,397	3.0	13.6	13.9
Oklahoma	177,157	178,507	0.8	37,097	38,328	3.3	20.9	21.5
Oregon	169,852	171,056	0.7	21,665	22,416	3.5	12.8	13.1
Pennsylvania	588,185	595,749	1.3	83,604	86,163	3.1	14.2	14.5
Rhode Island	72,078	73,970	2.6	9,457	9,984	5.6	13.1	13.5
South Carolina	176,278	181,353	2.9	46,655	49,089	5.2	26.5	27.1
South Dakota	39,042	41,545	6.4	3,537	3,958	11.9	9.1	9.5
Tennessee	249,805	251,319	0.6	45,688	47,258	3.4	18.3	18.8
Texas	969,283	978,550	1.0	359,255	371,476	3.4	37.1	38.0
Utah	157,891	151,232	-4.2	10,521	10,342	-1.7	6.7	6.8
Vermont	36,482	37,054	1.6	1,790	1,975	10.3	4.9	5.3
Virginia	364,904	370,142	1.4	91,132	94,134	3.3	25.0	25.4
Washington	315,281	298,974	-5.2	58,480	55,612	-4.9	18.5	18.6
West Virginia	87,965	88,107	0.2	5,865	5,572	-5.0	6.7	6.3
Wisconsin	298,248	308,195	3.3	28,731	31,649	10.2	9.6	10.3
Wyoming	30,280	29,707	-1.9	2,365	2,156	-8.8	7.8	7.3

<sup>1</sup> Minority enrollment is the sum of Black, non-Hispanic, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native enrollment.

<sup>2</sup> Some of the change in enrollment in these states may be due to the determination that those U.S. Service Schools which are restricted to attendees who are already members of the armed forces were excluded from the scope of this report beginning in 1998.

<sup>3</sup> Includes data for U.S. Service Schools.

# Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).

**Table 27.—Total enrollment and minority enrollment in Title IV degree-granting public 4-year institutions, by state:  
50 states and District of Columbia, fall 1997 and fall 1998**

State	Total enrollment			Minority enrollment <sup>1</sup>			Percent minority	
	1997	1998	Percent change	1997	1998	Percent change	1997	1998
50 states and DC	5,835,433	5,891,806	1.0	1,365,473	1,400,734	2.6	23.4	23.8
Alabama	122,105	123,542	1.2	29,151	30,743	5.5	23.9	24.9
Alaska	25,967	25,430	-2.1	5,528	5,396	-2.4	21.3	21.2
Arizona	103,434	103,942	0.5	21,103	21,632	2.5	20.4	20.8
Arkansas	61,858	68,108	10.1	11,591	12,666	9.3	18.7	18.6
California <sup>2</sup>	516,537	524,528	1.5	257,686	263,828	2.4	49.9	50.3
Colorado <sup>3</sup>	139,347	140,223	0.6	22,592	23,153	2.5	16.2	16.5
Connecticut <sup>3</sup>	55,545	55,740	0.4	7,980	8,164	2.3	14.4	14.6
Delaware	24,486	24,502	0.1	4,782	4,796	0.3	19.5	19.6
District of Columbia <sup>2</sup>	6,024	5,410	-10.2	4,519	4,846	7.2	75.0	89.6
Florida	214,011	218,471	2.1	68,238	71,540	4.8	31.9	32.7
Georgia	163,514	160,679	-1.7	42,159	41,914	-0.6	25.8	26.1
Hawaii	20,643	20,361	-1.4	14,175	13,914	-1.8	68.7	68.3
Idaho	41,327	42,463	2.7	2,988	3,101	3.8	7.2	7.3
Illinois	192,022	193,548	0.8	49,079	50,083	2.0	25.6	25.9
Indiana	184,433	186,916	1.3	20,198	20,905	3.5	11.0	11.2
Iowa	67,296	67,835	0.8	5,149	5,138	-0.2	7.7	7.6
Kansas <sup>2</sup>	87,331	86,783	-0.6	9,445	9,553	1.1	10.8	11.0
Kentucky	104,796	105,381	0.6	9,906	9,980	0.7	9.5	9.5
Louisiana	148,215	148,627	0.3	44,839	45,100	0.6	30.3	30.3
Maine	30,362	30,850	1.6	1,016	1,125	10.7	3.3	3.6
Maryland <sup>2,3</sup>	118,045	118,616	0.5	41,062	42,429	3.3	34.8	35.8
Massachusetts	102,136	102,728	0.6	13,894	15,004	8.0	13.6	14.6
Michigan	263,169	267,136	1.5	43,704	45,088	3.2	16.6	16.9
Minnesota	110,885	111,609	0.7	10,000	10,178	1.8	9.0	9.1
Mississippi	62,020	62,350	0.5	20,601	20,883	1.4	33.2	33.5
Missouri	116,621	118,643	1.7	13,179	13,816	4.8	11.3	11.6
Montana	32,187	32,103	-0.3	1,983	1,909	-3.7	6.2	5.9
Nebraska	54,865	53,469	-2.5	3,900	3,711	-4.8	7.1	6.9
Nevada	31,691	33,304	5.1	6,403	7,109	11.0	20.2	21.3
New Hampshire	25,987	25,030	-3.7	671	765	14.0	2.6	3.1
New Jersey	138,777	138,978	0.1	40,839	42,431	3.9	29.4	30.5
New Mexico	49,034	49,198	0.3	19,053	19,939	4.7	38.9	40.5
New York <sup>3</sup>	331,420	337,976	2.0	120,776	121,220	0.4	36.4	35.9
North Carolina	159,027	158,958	#	39,804	40,322	1.3	25.0	25.4
North Dakota	26,560	26,676	0.4	1,257	1,335	6.2	4.7	5.0
Ohio <sup>2</sup>	261,509	263,308	0.7	33,380	35,091	5.1	12.8	13.3
Oklahoma	93,670	95,563	2.0	19,637	20,451	4.1	21.0	21.4
Oregon	65,605	66,598	1.5	8,794	8,949	1.8	13.4	13.4
Pennsylvania	233,759	236,821	1.3	30,656	31,808	3.8	13.1	13.4
Rhode Island	22,031	23,002	4.4	2,237	2,470	10.4	10.2	10.7
South Carolina	86,446	88,290	2.1	17,769	18,500	4.1	20.6	21.0
South Dakota	27,927	28,589	2.4	2,800	2,964	5.9	10.0	10.4
Tennessee	116,479	117,429	0.8	22,494	23,704	5.4	19.3	20.2
Texas	413,324	415,841	0.6	138,486	141,936	2.5	33.5	34.1
Utah	83,582	82,149	-1.7	4,842	4,787	-1.1	5.8	5.8
Vermont	16,047	15,891	-1.0	594	555	-6.6	3.7	3.5
Virginia	171,182	172,924	1.0	40,352	40,744	1.0	23.6	23.6
Washington	89,356	90,189	0.9	17,734	18,278	3.1	19.8	20.3
West Virginia	69,414	69,741	0.5	4,400	4,551	3.4	6.3	6.5
Wisconsin	142,331	144,234	1.3	11,176	11,430	2.3	7.9	7.9
Wyoming	11,094	11,124	0.3	872	800	-8.3	7.9	7.2

<sup>1</sup> Minority enrollment is the sum of Black, non-Hispanic, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native enrollment.

<sup>2</sup> Some of the change in enrollment in these states may be due to the determination that those U.S. Service Schools which are restricted to attendees who are already members of the armed forces were excluded from the scope of this report beginning in 1998.

<sup>3</sup> Includes data for U.S. Service Schools.

# Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).

**Table 28.—Total enrollment and minority enrollment in Title IV degree-granting public 2-year institutions, by state:  
50 states and District of Columbia, fall 1997 and fall 1998**

State	Total enrollment			Minority enrollment <sup>1</sup>			Percent minority	
	1997	1998	Percent change	1997	1998	Percent change	1997	1998
50 states and DC	5,360,686	5,269,032	-1.7	1,675,467	1,717,913	2.5	31.3	32.6
Alabama <sup>2</sup>	135,586	67,143	-50.5	32,451	18,133	-44.1	23.9	27.0
Alaska	750	866	15.5	124	150	21.0	16.5	17.3
Arizona	157,398	164,160	4.3	47,081	50,645	7.6	29.9	30.9
Arkansas	38,997	34,156	-12.4	7,795	7,567	-2.9	20.0	22.2
California	1,149,704	1,140,759	-0.8	570,592	595,431	4.4	49.6	52.2
Colorado	78,224	80,200	2.5	17,733	18,476	4.2	22.7	23.0
Connecticut	40,326	39,354	-2.4	9,879	10,190	3.1	24.5	25.9
Delaware	12,009	12,860	7.1	2,798	3,153	12.7	23.3	24.5
District of Columbia	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)
Florida	320,710	313,450	-2.3	106,542	108,576	1.9	33.2	34.6
Georgia	71,497	69,249	-3.1	24,111	24,489	1.6	33.7	35.4
Hawaii	24,899	24,909	0.0	19,426	19,610	0.9	78.0	78.7
Idaho	8,906	8,867	-0.4	501	552	10.2	5.6	6.2
Illinois	344,556	339,746	-1.4	109,944	110,704	0.7	31.9	32.6
Indiana	40,089	41,534	3.6	4,743	5,477	15.5	11.8	13.2
Iowa	60,777	61,467	1.1	3,997	4,088	2.3	6.6	6.7
Kansas	73,732	71,811	-2.6	12,118	10,421	-14.0	16.4	14.5
Kentucky	41,499	40,963	-1.3	4,434	4,800	8.3	10.7	11.7
Louisiana	40,964	41,269	0.7	15,189	16,319	7.4	37.1	39.5
Maine	7,648	7,786	1.8	268	527	96.6	3.5	6.8
Maryland	104,054	104,459	0.4	35,227	37,338	6.0	33.9	35.7
Massachusetts	72,558	75,648	4.3	15,475	16,037	3.6	21.3	21.2
Michigan	195,392	195,444	#	32,941	34,331	4.2	16.9	17.6
Minnesota	92,203	86,692	-6.0	8,566	8,733	1.9	9.3	10.1
Mississippi	56,827	58,481	2.9	18,299	20,096	9.8	32.2	34.4
Missouri	73,987	75,819	2.5	11,185	11,795	5.5	15.1	15.6
Montana	6,515	6,665	2.3	1,194	1,250	4.7	18.3	18.8
Nebraska	34,549	35,571	3.0	3,356	3,465	3.2	9.7	9.7
Nevada	41,618	45,843	10.2	11,015	13,457	22.2	26.5	29.4
New Hampshire	9,272	7,157	-22.8	581	157	-73.0	6.3	2.2
New Jersey	122,588	121,114	-1.2	39,262	40,800	3.9	32.0	33.7
New Mexico	51,674	51,952	0.5	26,808	27,528	2.7	51.9	53.0
New York	241,502	234,330	-3.0	75,562	73,255	-3.1	31.3	31.3
North Carolina	143,006	155,152	8.5	37,193	42,424	14.1	26.0	27.3
North Dakota	8,477	8,588	1.3	1,388	1,482	6.8	16.4	17.3
Ohio	143,746	145,179	1.0	22,003	22,461	2.1	15.3	15.5
Oklahoma	60,902	60,233	-1.1	13,125	13,695	4.3	21.6	22.7
Oregon	78,737	77,728	-1.3	9,913	10,221	3.1	12.6	13.1
Pennsylvania	101,142	101,226	0.1	19,347	20,125	4.0	19.1	19.9
Rhode Island	15,220	15,366	1.0	2,358	2,383	1.1	15.5	15.5
South Carolina	62,248	64,252	3.2	18,963	20,107	6.0	30.5	31.3
South Dakota	4,936	5,499	11.4	440	540	22.7	8.9	9.8
Tennessee	77,037	75,964	-1.4	13,735	13,822	0.6	17.8	18.2
Texas	432,362	433,234	0.2	184,115	190,158	3.3	42.6	43.9
Utah	35,037	29,166	-16.8	3,361	2,873	-14.5	9.6	9.9
Vermont	4,493	4,658	3.7	131	167	27.5	2.9	3.6
Virginia	130,412	132,531	1.6	32,555	34,596	6.3	25.0	26.1
Washington	185,349	166,858	-10.0	34,313	30,250	-11.8	18.5	18.1
West Virginia	6,664	6,581	-1.2	273	234	-14.3	4.1	3.6
Wisconsin	101,527	109,460	7.8	11,688	13,610	16.4	11.5	12.4
Wyoming	18,381	17,633	-4.1	1,369	1,215	-11.2	7.4	6.9

<sup>1</sup> Minority enrollment is the sum of Black, non-Hispanic, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native enrollment.

<sup>2</sup> Some of the change in enrollment in these states may be due to the determination that those U.S. Service Schools which are restricted to attendees who are already members of the armed forces were excluded from the scope of this report beginning in 1998.

† Not applicable. District of Columbia does not have any public 2-year institutions.

# Less than 0.05 percent.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).

**Table 29.—Total enrollment and minority enrollment in Title IV degree-granting private not-for-profit institutions, by state: 50 states and District of Columbia, fall 1997 and fall 1998**

State	Total enrollment			Minority enrollment <sup>1</sup>			Percent minority	
	1997	1998	Percent change	1997	1998	Percent change	1997	1998
50 states and DC	2,977,614	3,004,925	0.9	615,133	639,616	4.0	20.7	21.3
Alabama	22,265	22,334	0.3	10,100	10,403	3.0	45.4	46.6
Alaska	755	905	19.9	164	219	33.5	21.7	24.2
Arizona	10,398	10,212	-1.8	1,815	1,966	8.3	17.5	19.3
Arkansas	11,283	11,271	-0.1	1,761	1,776	0.9	15.6	15.8
California	231,889	235,678	1.6	75,126	77,693	3.4	32.4	33.0
Colorado	23,139	24,175	4.5	3,113	3,319	6.6	13.5	13.7
Connecticut	57,185	57,692	0.9	9,064	9,617	6.1	15.9	16.7
Delaware	8,395	8,898	6.0	1,353	1,538	13.7	16.1	17.3
District of Columbia	64,654	63,686	-1.5	21,816	22,403	2.7	33.7	35.2
Florida	99,467	101,216	1.8	30,487	32,631	7.0	30.7	32.2
Georgia	63,392	64,703	2.1	23,234	23,900	2.9	36.7	36.9
Hawaii	14,743	14,974	1.6	6,394	6,622	3.6	43.4	44.2
Idaho	10,903	11,051	1.4	416	469	12.7	3.8	4.2
Illinois	173,577	177,601	2.3	40,352	41,970	4.0	23.2	23.6
Indiana	63,805	63,170	-1.0	6,740	6,757	0.3	10.6	10.7
Iowa	51,304	52,282	1.9	3,620	3,694	2.0	7.1	7.1
Kansas	16,878	18,186	7.7	2,230	2,383	6.9	13.2	13.1
Kentucky	25,921	27,114	4.6	1,706	1,913	12.1	6.6	7.1
Louisiana	27,732	28,431	2.5	9,433	9,892	4.9	34.0	34.8
Maine	16,702	16,852	0.9	1,190	1,196	0.5	7.1	7.1
Maryland	43,548	44,870	3.0	8,123	8,548	5.2	18.7	19.1
Massachusetts	236,590	235,826	-0.3	42,275	43,601	3.1	17.9	18.5
Michigan	89,084	91,058	2.2	17,633	18,374	4.2	19.8	20.2
Minnesota	58,435	60,524	3.6	4,401	5,042	14.6	7.5	8.3
Mississippi	11,600	11,287	-2.7	3,869	3,876	0.2	33.4	34.3
Missouri	104,447	106,891	2.3	15,681	16,637	6.1	15.0	15.6
Montana	5,224	5,159	-1.2	1,724	1,893	9.8	33.0	36.7
Nebraska	20,573	20,884	1.5	1,955	1,991	1.8	9.5	9.5
Nevada	616	585	-5.0	97	91	-6.2	15.7	15.6
New Hampshire	25,006	24,553	-1.8	2,150	2,273	5.7	8.6	9.3
New Jersey	58,677	59,536	1.5	13,370	14,092	5.4	22.8	23.7
New Mexico	3,891	3,112	-20.0	921	753	-18.2	23.7	24.2
New York	428,235	416,584	-2.7	105,065	106,917	1.8	24.5	25.7
North Carolina	71,578	73,139	2.2	17,147	18,141	5.8	24.0	24.8
North Dakota	3,885	4,160	7.1	376	462	22.9	9.7	11.1
Ohio	119,356	120,600	1.0	14,401	14,884	3.4	12.1	12.3
Oklahoma	21,431	20,796	-3.0	4,080	3,643	-10.7	19.0	17.5
Oregon	24,070	24,762	2.9	2,801	2,997	7.0	11.6	12.1
Pennsylvania	229,172	232,450	1.4	28,826	29,887	3.7	12.6	12.9
Rhode Island	34,827	35,602	2.2	4,862	5,131	5.5	14.0	14.4
South Carolina	26,460	27,748	4.9	9,289	9,874	6.3	35.1	35.6
South Dakota	5,177	5,296	2.3	213	245	15.0	4.1	4.6
Tennessee	51,494	52,630	2.2	8,025	8,362	4.2	15.6	15.9
Texas	110,425	114,985	4.1	30,209	32,271	6.8	27.4	28.1
Utah	35,111	35,281	0.5	1,757	1,981	12.7	5.0	5.6
Vermont	15,353	15,856	3.3	1,043	1,237	18.6	6.8	7.8
Virginia	49,551	50,232	1.4	12,721	12,842	1.0	25.7	25.6
Washington	36,531	37,286	2.1	5,790	6,224	7.5	15.8	16.7
West Virginia	10,335	10,062	-2.6	803	735	-8.5	7.8	7.3
Wisconsin	52,545	52,740	0.4	5,412	6,251	15.5	10.3	11.9
Wyoming	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)

<sup>1</sup> Minority enrollment is the sum of Black, non-Hispanic, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native enrollment.

† Not applicable. State does not have any private not-for-profit institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).

**Table 30.—Total enrollment and minority enrollment in Title IV degree-granting private for-profit institutions, by state:  
50 states and District of Columbia, fall 1997 and fall 1998**

State	Total enrollment			Minority enrollment <sup>1</sup>			Percent minority	
	1997	1998	Percent change	1997	1998	Percent change	1997	1998
50 states and DC	328,601	364,273	10.9	115,137	132,675	15.2	35.0	36.4
Alabama	2,546	3,222	26.6	1,153	1,318	14.3	45.3	40.9
Alaska	443	451	1.8	144	142	-1.4	32.5	31.5
Arizona	21,500	23,809	10.7	5,979	6,842	14.4	27.8	28.7
Arkansas	204	216	5.9	79	97	22.8	38.7	44.9
California	61,833	67,501	9.2	27,159	31,310	15.3	43.9	46.4
Colorado	15,631	16,721	7.0	3,113	3,637	16.8	19.9	21.8
Connecticut	902	1,345	49.1	149	391	162.4	16.5	29.1
Delaware	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)
District of Columbia	2,856	3,292	15.3	2,235	2,566	14.8	78.3	77.9
Florida	24,071	28,050	16.5	10,460	11,581	10.7	43.5	41.3
Georgia	7,835	9,054	15.6	4,340	5,161	18.9	55.4	57.0
Hawaii	1,229	1,371	11.6	663	754	13.7	53.9	55.0
Idaho	505	704	39.4	39	59	51.3	7.7	8.4
Illinois	16,044	18,189	13.4	6,796	7,923	16.6	42.4	43.6
Indiana	7,190	7,556	5.1	1,177	1,248	6.0	16.4	16.5
Iowa	1,590	360	-77.4	156	43	-72.4	9.8	11.9
Kansas	711	781	9.8	168	209	24.4	23.6	26.8
Kentucky	6,708	7,092	5.7	1,008	1,676	66.3	15.0	23.6
Louisiana	2,285	2,783	21.8	1,247	1,461	17.2	54.6	52.5
Maine	1,656	1,498	-9.5	37	40	8.1	2.2	2.7
Maryland	464	1,248	169.0	22	640	2,809.1	4.7	51.3
Massachusetts	1,336	1,299	-2.8	579	538	-7.1	43.3	41.4
Michigan	2,097	3,373	60.8	797	1,479	85.6	38.0	43.8
Minnesota	8,364	10,666	27.5	1,263	1,869	48.0	15.1	17.5
Mississippi	114	320	180.7	79	263	232.9	69.3	82.2
Missouri	7,841	9,154	16.7	1,490	2,761	85.3	19.0	30.2
Montana	215	223	3.7	49	26	-46.9	22.8	11.7
Nebraska	1,555	1,199	-22.9	223	185	-17.0	14.3	15.4
Nevada	2,492	3,388	36.0	791	1,237	56.4	31.7	36.5
New Hampshire	3,546	4,044	14.0	141	292	107.1	4.0	7.2
New Jersey	5,712	6,257	9.5	2,752	3,233	17.5	48.2	51.7
New Mexico	3,961	4,548	14.8	2,301	2,575	11.9	58.1	56.6
New York	28,370	30,434	7.3	13,663	15,623	14.3	48.2	51.3
North Carolina	106	158	49.1	16	22	37.5	15.1	13.9
North Dakota	15	17	13.3	3	4	33.3	20.0	23.5
Ohio	13,119	12,990	-1.0	3,384	2,961	-12.5	25.8	22.8
Oklahoma	1,154	1,915	65.9	255	539	111.4	22.1	28.1
Oregon	1,440	1,968	36.7	157	249	58.6	10.9	12.7
Pennsylvania	24,112	25,252	4.7	4,775	4,343	-9.0	19.8	17.2
Rhode Island	(†)	(†)	(†)	(†)	(†)	(†)	(†)	(†)
South Carolina	1,124	1,063	-5.4	634	608	-4.1	56.4	57.2
South Dakota	1,002	2,161	115.7	84	209	148.8	8.4	9.7
Tennessee	4,795	5,296	10.4	1,434	1,370	-4.5	29.9	25.9
Texas	13,172	14,490	10.0	6,445	7,111	10.3	48.9	49.1
Utah	4,161	4,636	11.4	561	701	25.0	13.5	15.1
Vermont	589	649	10.2	22	16	-27.3	3.7	2.5
Virginia	13,759	14,455	5.1	5,504	5,952	8.1	40.0	41.2
Washington	4,045	4,641	14.7	643	860	33.7	15.9	18.5
West Virginia	1,552	1,723	11.0	389	52	-86.6	25.1	3.0
Wisconsin	1,845	1,761	-4.6	455	358	-21.3	24.7	20.3
Wyoming	805	950	18.0	124	141	13.7	15.4	14.8

<sup>1</sup> Minority enrollment is the sum of Black, non-Hispanic, Hispanic, Asian or Pacific Islander, and American Indian/Alaskan Native enrollment.

† Not applicable. States do not have any Title IV degree-granting private for-profit institutions.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:97 and IPEDS-EF:98).



## Methodology

### Overview

The 1998 Fall Enrollment ( EF ) survey was mailed to 4,730 postsecondary education institutions in the 50 states, District of Columbia, and the outlying areas. Enrollment is collected using three forms, depending on the highest level of enrollment at each institution. The “EF1” survey form was mailed to 2,876 4-year institutions including schools offering only certificates beyond the baccalaureate level; the “EF2” form, which is less detailed, was sent to 1,854 2-year institutions that grant an associate’s degree. For the 4,985 schools offering only certificates requiring less than four years to complete, enrollment is collected as part of the Consolidated (CN) survey<sup>1</sup>. Enrollment data from all these forms were incorporated into the final enrollment file.

The data requested on each form or survey varies as follows:

Form Type	Level of Institution	Data Requested:
EF1	4-year institutions	Attendance status (full- or part-time) Student level (undergraduate, first-professional <sup>2</sup> , graduate) Race/ethnicity and gender of student Degree-seeking status Major field of study Year of study Residence of first-time students
EF2	2-year degree-granting	Attendance status (full- or part-time) Race/ethnicity and gender of student Degree-seeking status Year of study Residence of first-time students
CN	All other institutions	Attendance status (full- or part-time) Race/ethnicity and gender of student Year of study

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<sup>1</sup> The Consolidated survey uses a single form designed to collect information from certificate-granting institutions on fall enrollment, finance, fall staff, and completions in order to reduce respondent burden.

<sup>2</sup> First-professional students are those students enrolled in programs leading towards a first-professional degree in the fields of chiropractic, dentistry, law, medicine, optometry, osteopathy, pharmacy, podiatry, theology, and veterinary medicine.

Students **included** in the Fall Enrollment survey:

- students enrolled in courses creditable toward a degree or other formal award;
- students enrolled in courses that are part of a vocational or occupational program, including those enrolled in off-campus centers; and
- high school students taking regular college courses for credit.

Students **excluded** from the Fall Enrollment survey:

- students enrolled exclusively in courses not creditable toward a formal award and who were not in a postsecondary vocational program;
- students enrolled exclusively in remedial courses;
- students exclusively auditing classes;
- students studying abroad (e.g., at a foreign university) if their enrollment at the institution is only an administrative record and the fee is only nominal;
- students in any branch campus located in a foreign country; and
- students earning continuing education units (CEU's) only.

### **Universe, Institutions Surveyed and Response Rates**

The IPEDS analysis universe is the subset of all postsecondary institutions that have Program Participation Agreements (PPA) with the Department of Education and thus may participate in Title IV federal financial aid programs. Beginning in 1996, this subset of institutions was validated by matching the IPEDS universe with the Postsecondary Education Participation System (PEPS) file which is maintained by the Office of Postsecondary Education (OPE). Beginning in 1998 those U.S. Service Schools which are restricted to attendees who are already members of the armed forces were determined to be outside the scope of the IPEDS analysis universe. This validation process determined that 9,715 institutions would receive either one of the Fall Enrollment or the Consolidated survey forms.

Survey forms were mailed in July 1998: (1) EF1 forms were mailed to 2,876 institutions; (2) EF2 forms to 1,854 institutions; and (3) CN surveys to 4,985 institutions. The survey results were collected from November 1998 through June 1999. During this time period institutions determined to be out-of-scope were deleted from the universe. These deletions resulted from formal notification by IPEDS state coordinators, validation against the PEPS file, and from followup telephone calls. Schools that had closed, did not offer postsecondary programs, or that were identified as duplicates on the file were deleted. At the conclusion of this process, 9,519

institutions represented the final 1998 fall enrollment universe. The final universe was also adjusted to reflect institutions that changed from one sector to another after universe file validation.

Table M-1 shows the number of institutions that were mailed one of the 1998 Fall Enrollment surveys (or the Consolidated form) by level and control of institution; the final in-scope universe of institutions receiving either survey form; and the number of in-scope institutions that responded.

On the Fall Enrollment and Consolidated survey files, institutions are identified as (1) degree-granting, i.e., those that offer either an associate's, bachelor's, master's, doctor's, or first-professional degree; or (2) non-degree-granting (certificate only), i.e., those institutions that offer only certificates at any postsecondary level.

Table M-2 provides the number of institutions and survey response rates by degree-granting status, the existence of a PPA, and by location and sector of institution. There are 6,474 participating institutions on the file; of these, 4,092 are degree-granting and 4,015 are in the 50 states and District of Columbia.

**Table M-1.—Number of postsecondary institutions surveyed, by survey form and sector of institution: 50 states, District of Columbia, and the outlying areas, fall 1998**

Survey form and sector of institution	Mailed	Final universe	Number responded
All postsecondary	9,715	9,519	6,999
Fall Enrollment (EF1)	2,876	2,855	2,522
Fall Enrollment (EF2)	1,854	1,823	1,709
Consolidated survey (CN)	4,985	4,841	2,768
4-year	2,876	2,878	2,546
Public	639	644	635
Private not-for-profit	2,002	1,987	1,703
Private for-profit	235	247	208
2-year	2,773	2,728	2,383
Public	1,277	1,260	1,197
Private not-for-profit	541	515	384
Private for-profit	955	953	802
Less-than-2-year	4,066	3,913	2,070
Public	363	355	299
Private not-for-profit	295	292	158
Private for-profit	3,408	3,266	1,613

NOTE: By definition, 4-year institutions offer a bachelor's degree or postbaccalaureate award of some kind; 2-year institutions offer at least one program of at least 2 years duration; and less-than-2-year schools offer only programs of less-than-2-years duration. The sector of the institution at the time of mailout (as of July 1998) may differ from its final sector (as of June 1999), due to a shift in the highest level of offering, or due to improper classification by sector the prior year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

**Table M-2.—Number of postsecondary institutions and survey response rates, by Title IV participation, degree-granting status, and location and sector of institution: 50 states, District of Columbia, and the outlying areas, fall 1998**

Degree-granting status and location and sector of institution	All institutions			Participating			Not participating *		
	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate
All institutions	9,519	6,999	73.5	6,474	6,124	94.6	3,045	875	28.7
50 states and DC	9,355	6,886	73.6	6,333	6,020	95.1	3,022	866	28.7
Outlying areas	164	113	68.9	141	104	73.8	23	9	39.1
Degree-granting	4,543	4,169	91.8	4,092	3,973	97.1	451	196	43.5
50 states and DC	4,455	4,104	92.1	4,015	3,913	97.5	440	191	43.4
Outlying areas	88	65	73.9	77	60	77.9	11	5	45.5
Non-degree-granting	4,976	2,830	56.9	2,382	2,151	90.3	2,594	679	26.2
50 states and DC	4,900	2,782	56.8	2,318	2,107	90.9	2,582	675	26.1
Outlying areas	76	48	63.2	64	44	68.8	12	4	33.3
All institutions	9,519	6,999	73.5	6,474	6,124	94.6	3,045	875	28.7
4-year	2,878	2,546	88.5	2,408	2,366	98.3	470	180	38.3
Public	644	635	98.6	633	630	99.5	11	5	45.5
Private not-for-profit	1,987	1,703	85.7	1,586	1,550	97.7	401	153	38.2
Private for-profit	247	208	84.2	189	186	98.4	58	22	37.9
2-year	2,728	2,383	87.4	2,342	2,212	94.4	386	171	44.3
Public	1,260	1,197	95.0	1,216	1,174	96.5	44	23	52.3
Private not-for-profit	515	384	74.6	310	287	92.6	205	97	47.3
Private for-profit	953	802	84.2	816	751	92.0	137	51	37.2
Less-than-2-year	3,913	2,070	52.9	1,724	1,546	89.7	2,189	524	23.9
Public	355	299	84.2	258	247	95.7	97	52	53.6
Private not-for-profit	292	158	54.1	105	94	89.5	187	64	34.2
Private for-profit	3,266	1,613	49.4	1,361	1,205	88.5	1,905	408	21.4
Degree-granting	4,543	4,169	91.8	4,092	3,973	97.1	451	196	43.5
4-year	2,731	2,469	90.4	2,371	2,330	98.3	360	139	38.6
Public	634	628	99.1	627	624	99.5	7	4	57.1
Private not-for-profit	1,869	1,644	88.0	1,562	1,527	97.8	307	117	38.1
Private for-profit	228	197	86.4	182	179	98.4	46	18	39.1
2-year	1,812	1,700	93.8	1,721	1,643	95.5	91	57	62.6
Public	1,091	1,052	96.4	1,079	1,043	96.7	12	9	75.0
Private not-for-profit	203	175	86.2	161	150	93.2	42	25	59.5
Private for-profit	518	473	91.3	481	450	93.6	37	23	62.2
Non-degree-granting	4,976	2,830	56.9	2,382	2,151	90.3	2,594	679	26.2
4-year	147	77	52.4	37	36	97.3	110	41	37.3
Public	10	7	70.0	6	6	100.0	4	1	25.0
Private not-for-profit	118	59	50.0	24	23	95.8	94	36	38.3
Private for-profit	19	11	57.9	7	7	100.0	12	4	33.3
2-year	916	683	74.6	621	569	91.6	295	114	38.6
Public	169	145	85.8	137	131	95.6	32	14	43.8
Private not-for-profit	312	209	67.0	149	137	91.9	163	72	44.2
Private for-profit	435	329	75.6	335	301	89.9	100	28	28.0
Less-than-2-year	3,913	2,070	52.9	1,724	1,546	89.7	2,189	524	23.9
Public	355	299	84.2	258	247	95.7	97	52	53.6
Private not-for-profit	292	158	54.1	105	94	89.5	187	64	34.2
Private for-profit	3,266	1,613	49.4	1,361	1,205	88.5	1,905	408	21.4

\* Not used for analysis purposes.

NOTE: Response rates were calculated as the ratio of the number of completed survey forms divided by the number of schools in the final universe; that is, the number mailed minus the number determined to be out-of-scope.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

## Survey Conduct and Editing

The 1998 Fall Enrollment survey was due November 15, 1998. Survey data were submitted via paper form, transmitted to NCES via the Internet, or submitted on diskette. Follow-up for survey non-response was conducted from November 1998 through April 1999.

- EF1/EF2: Initially, institutions received a blank survey form and a reminder letter encouraging them to complete and return their data. If the institution was a Title IV participant, a second followup letter was sent if needed. Subsequently, the contractor's Postsecondary Education Telephone System (PETS) was used to collect critical missing data from an institutional representative.
- CN: For these institutions, all followup was conducted via PETS.

All data, whether received on paper forms, diskettes, electronically via the Internet, or through the PETS system, went through the same editing process. Survey responses were edited for both internal and inter-year consistency. The following editing procedures were used for each survey part:

### Part A: Enrollment by gender and race-ethnicity (Summary)

- Totals for men and women were checked by adding across racial-ethnic columns in each line. The generated gender totals were compared to the reported gender totals. If they differed but were within the allowable range<sup>3</sup>, the higher of the two totals was retained. The difference was either:
  - added to the appropriate "race/ethnicity unknown" column if the reported total was greater than the generated total (so that the generated total matched the reported total), or
  - added to the reported total if the reported total was less than the generated total (so that the reported total now matched the generated total).

In either case, the appropriate cell was flagged with the proper imputation code.

•All subtotals and totals were checked by adding down each column and comparing the generated totals with the reported (sub)totals. If a reported (sub)total differed from the generated total but was within the allowable range, the reported total was replaced by the generated total and the cell was flagged with the proper imputation code. If the difference exceeded the allowable range, institutions were contacted for verification/correction.

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<sup>3</sup>This range was based on both the cell value and size of the difference for each data item.

- Comparisons were also made with the number of students reported for selected items for the prior year. If the differences were sufficiently large to trigger an edit flag, institutions were contacted for verification.

Part A: Enrollment by gender and race-ethnicity (Major field of study)

- Enrollment data for the same categories as the Part A summary were collected from 4-year institutions in 9 specified major fields of study. In addition to the edit checks performed for the summary data, the Classification of Instructional Program (CIP) codes, used to designate the field of study, were validated to insure only the codes being collected were reported. Also, the sum across all CIP records for an institution, by individual cell, had to be less than or equal to the corresponding cell in the summary record. Failure of either of these two additional edits required contacting the institution for correction.

Part B: Enrollment by age was not collected in 1998.

Part C: Enrollment of first-time freshmen by residence

- The sums for both numeric columns across all states were compared with the reported totals (line 99). Any differences were handled similarly to Part A, i.e., if the difference was within an allowable range, the reported total was replaced by the calculated sum and the appropriate imputation code was entered. Differences outside the allowable range were referred to the institution for correction. In addition, the reported total for total first-time first-year degree-seeking students in Part C (column 1) was compared with the corresponding data in Part A (Summary). If the sums differed but the difference was within an allowable range, the sum of Part A data replaced the reported total and the difference was then allocated among the state of residence lines using the state of residence distribution actually reported by the institution. As always, when these changes were made, the appropriate imputation code was entered. Differences that were outside the allowable range were referred to the institution for verification/correction.

## Data Management and Imputation

Survey responses for non-responding Title-IV participating institutions were imputed when possible. Non-Title-IV participating institutions were not imputed. For Title-IV participating institutions, the following imputation procedures were used:

Part A: enrollment by race-ethnicity

- For institutions with reported data on the prior year enrollment file: Institutions that reported data in both 1997 and 1998 were grouped by level of offering and control of institution. Enrollment data were then aggregated for each group and percent changes were calculated. For each non-responding institution in 1998 that had responded in 1997, their 1997 enrollment data were adjusted by the corresponding percent changes for the group to which that institution belongs.
- For institutions with no prior year report: Imputations for institutions that had not responded the previous year were based on current year group means derived from similar institutions with reported data in 1998. Groups were formed by combining institutions with the same level and control.

Part C: enrollment of first-time freshmen by state of residency

- For institutions that did not report residence data in Part C in 1998, but reported data for first-time freshmen in Part A and reported residence (Part C) data in 1996: The edited total number of first-time freshmen reported in Part A (sum of line 1 + line 15, columns 15 + 16) was distributed throughout Part C in the same proportions as reported in 1996.
- For institutions that did not respond to either Parts A or C in 1998 but did respond to the 1997 fall enrollment survey: The total number of first-time freshmen in Part A were imputed as described above. If the institution reported Part C residence data in 1996, the imputed first-time freshmen enrollment in Part A was distributed in the same proportion as the reported 1996 data by state of residence.
- For institutions that did not report residence data in 1996: Imputations were not made for the entire Part C. Instead, the reported or imputed value of first-time first-year degree-seeking students from Part A was entered as the Part C total, and also in line 57 (“State unknown”). This was done to make Part C consistent, both internally and with Part A.



## **Redistribution of Racial/Ethnic Data**

Beginning in 1990, a "race/ethnicity unknown" category was incorporated into the Fall Enrollment survey. For purposes of analysis of enrollment trends by race/ethnicity, enrollment reported in the "race/ethnicity unknown" category was redistributed across those columns that represent U.S. citizens, that is, columns 3 through 12; race/ethnicity unknown was not distributed to nonresident aliens. The value in "race/ethnicity unknown" was distributed in the same proportion as the racial/ethnic data for that gender and detail line. Note that this redistribution was done with imputed data as well as reported data. Table M-3 contains the enrollment totals and percentage of that total which was "race/ethnicity unknown".

**Table M-3.—Number of postsecondary institutions, total enrollment, and percent reported or imputed as race/ethnicity unknown by Title IV participation, degree-granting status, and sector of institution: 50 states, District of Columbia, and the outlying areas, fall 1998**

Degree-granting status and sector of institution	All institutions			Title IV participating			Not Title IV participating		
	Institutions in final universe	Total enrollment	Percent "Race / ethnicity unknown "	Institutions in final universe	Total enrollment	Percent "Race / ethnicity unknown "	Institutions in final universe	Total enrollment	Percent "Race / ethnicity unknown "
All institutions	9,519	15,563,897	6.0	6,474	15,148,013	4.3	3,045	415,884	68.8
4-year	2,878	9,240,291	4.4	2,408	9,183,413	4.3	470	56,878	18.4
Public	644	5,970,744	3.4	633	5,967,676	3.4	11	3,068	6.6
Private not-for-profit	1,987	3,070,850	6.2	1,586	3,025,366	6.0	401	45,484	17.0
Private for-profit	247	198,697	6.1	189	190,371	5.0	58	8,326	30.1
2-year	2,728	5,772,980	5.0	2,342	5,702,954	4.4	386	70,026	54.1
Public	1,260	5,399,957	4.1	1,216	5,384,243	4.1	44	15,714	0.1
Private not-for-profit	515	98,725	13.9	310	91,052	13.7	205	7,673	15.9
Private for-profit	953	274,298	19.5	816	227,659	7.4	137	46,639	78.6
Less-than-2-year	3,913	550,626	45.4	1,724	261,646	4.7	2,189	288,980	82.3
Public	355	99,072	3.6	258	84,498	3.7	97	14,574	2.6
Private not-for-profit	292	17,274	18.8	105	13,025	10.8	187	4,249	43.3
Private for-profit	3,266	434,280	56.0	1,361	164,123	4.7	1,905	270,157	87.2
Degree-granting	4,543	14,829,725	4.5	4,092	14,711,280	4.2	451	118,445	39.8
4-year	2,731	9,236,427	4.4	2,371	9,182,096	4.3	360	54,331	18.4
Public	634	5,970,591	3.4	627	5,967,529	3.4	7	3,062	6.6
Private not-for-profit	1,869	3,067,582	6.2	1,562	3,024,562	6.0	307	43,020	17.0
Private for-profit	228	198,254	6.1	182	190,005	5.0	46	8,249	30.4
2-year	1,812	5,593,298	4.7	1,721	5,529,184	4.1	91	64,114	57.9
Public	1,091	5,290,522	4.0	1,079	5,275,846	4.0	12	14,676	0.1
Private not-for-profit	203	70,839	3.4	161	66,265	2.7	42	4,574	13.4
Private for-profit	518	231,937	20.0	481	187,073	5.2	37	44,864	81.3
Non-degree-granting	4,976	734,172	37.5	2,382	436,733	8.3	2,594	297,439	80.4
4-year	147	3,864	11.1	37	1,317	0.5	110	2,547	16.6
Public	10	153	0.0	6	147	0.0	4	6	0.0
Private not-for-profit	118	3,268	13.0	24	804	0.4	94	2,464	17.1
Private for-profit	19	443	1.1	7	366	1.1	12	77	1.3
2-year	916	179,682	13.7	621	173,770	13.7	295	5,912	13.8
Public	169	109,435	5.6	137	108,397	5.7	32	1,038	0.5
Private not-for-profit	312	27,886	40.7	149	24,787	43.3	163	3,099	19.6
Private for-profit	435	42,361	16.9	335	40,586	17.1	100	1,775	11.4
Less-than-2-year	3,913	550,626	45.4	1,724	261,646	4.7	2,189	288,980	82.3
Public	355	99,072	3.6	258	84,498	3.7	97	14,574	2.6
Private not-for-profit	292	17,274	18.8	105	13,025	10.8	187	4,249	43.3
Private for-profit	3,266	434,280	56.0	1,361	164,123	4.7	1,905	270,157	87.2

\* There are no less-than-2-year degree-granting institutions in IPEDS.

NOTE: Imputation was not performed for institutions not Title IV participating.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Fall Enrollment Survey" (IPEDS-EF:98).

