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**NATIONAL CENTER FOR EDUCATION STATISTICS**

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**E.D. TABS**

**April 2001**

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**Postsecondary Institutions in the  
United States: 1993–94 and 1998–99**

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**U.S. Department of Education  
Office of Educational Research and Improvement NCES 2001–176**

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Patricia Q. Brown, Project Officer  
National Center for Education Statistics

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**U.S. Department of Education  
Office of Educational Research and Improvement NCES 2001–176**

**U.S. Department of Education**

Rod Paige  
*Secretary*

**National Center for Education Statistics**

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# Summary

## Introduction

This report presents detailed tabulations for the 1998–99 academic year that describe characteristics of the 9,653 postsecondary education institutions in the United States (50 states and the District of Columbia) and outlying areas (table A).<sup>1</sup> These characteristics include tuition and required fees for undergraduate, graduate, and first-professional programs and room and board charges at institutions providing these accommodations. Data are from the “Institutional Characteristics Survey,” a component of the Integrated Postsecondary Education Data System (IPEDS) of the U.S. Department of Education’s National Center for Education Statistics (NCES). This report also provides a comparison between 1993–94 and 1998–99 tuition, required fees, room and board charges for the 50 states and District of Columbia.

Postsecondary education is the provision of a formal instructional program whose curriculum is designed primarily for students who are beyond the compulsory age for high school. This includes programs whose purpose is academic, vocational, and continuing professional education, and excludes avocational (leisure) and adult basic education programs. For the 1998–99 academic year, 9,485 institutions in the 50 states and the District of Columbia and 168 in the outlying areas fit the IPEDS definition (table A). IPEDS attempts every year to identify institutions that should be included in the universe. Because of the changing nature of the postsecondary education enterprise (“births” and “deaths” of institutions), there may be more than the 9,653 postsecondary institutions currently identified in IPEDS.

	Total	Public	Private not-for-profit	Private for-profit
<b>50 States &amp; DC</b>	9,485	2,245	2,777	4,463
Degree-granting	4,500	1,698	2,043	759
Non-degree-granting	4,985	547	734	3,704
Title IV participating	6,431	2,090	1,986	2,355
Non-Title IV participating	3,054	155	791	2,108
<b>Outlying areas</b>	168	34	51	83
Degree-granting	91	32	42	17
Non-degree-granting	77	2	9	66
Title IV participating	142	26	43	73
Non-Title IV participating	26	8	8	10

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, “Institutional Characteristics Survey” (IPEDS–IC: 1998–99)

<sup>1</sup> The Outlying areas include American Samoa, the Federated States of Micronesia, Guam, Marshall Islands, Paulu, Puerto Rico, and the Virgin Islands.

In 1998–99, IPEDS collected data from over 9,600 postsecondary institutions with more than 6,500, or 68 percent, of the institutions having a Program Participation Agreement (PPA) with the Department of Education and were eligible to participate in Title IV programs. Title IV of the Higher Education Act of 1965 (as amended) established federal financial aid programs (e.g., Pell Grants, Stafford Loans, etc.) 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.

The IPEDS universe also classifies institutions by degree-granting status. Institutions are considered degree-granting if they offer at least one associate's or higher degree. Almost 4,600, or 48 percent, of all IPEDS institutions granted degrees. In 1998–99, 43 percent of the postsecondary institutions in IPEDS were Title IV participating and degree-granting in the 50 states, District of Columbia and outlying areas.<sup>2</sup>

While this summary focuses on all postsecondary institutions, many of the tables presented in the compendium provide information on the subset of 6,431 Title IV participating and the 4,500 degree-granting institutions in the 50 states and the District of Columbia.

### **Tuition and Required Fees at Postsecondary Institutions**

The tuition and required fees discussed in this report represent all responding institutions that offer either undergraduate, graduate, or first-professional programs and enroll full-time students.<sup>3</sup> The nonresponding institutions and institutions that report tuition and fees by program only are not included in this report. It is important to note that tuition and required fees do not represent the total cost to attend college. Excluded are costs for books and supplies, social activities, or room and board.

#### **Public institutions**

In 1998–99, there were 2,279 public postsecondary institutions in the 50 states, District of Columbia, and outlying areas (table A). Of the 2,279 institutions, 645 offered bachelors or higher degrees, while 1,269 offered programs of at least 2 but less than 4 years duration. Of the responding 4-year institutions, 596 institutions in the 50 states and the District of Columbia reported tuition and required fees averaging \$3,186 for full-time, full-year<sup>4</sup> undergraduate in-state students in 1998–99 (table B). The median charge was \$2,998 for undergraduate in-state students. The public 4-year institutions continued to charge lower tuition and required fees for students who attend schools in states where they were legal residents. The full-year, full-time out-of-state undergraduate students at these same institutions paid an average of \$8,248 for tuition and required fees. The full-time, full-year graduate tuition and required fees averaged \$3,555 for in-state and \$8,310 for out-of-state students at the 511 responding public 4-year institutions.

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<sup>2</sup> The Outlying areas include American Samoa, the Federated States of Micronesia, Guam, Marshall Islands, Paulu, Puerto Rico, and the Virgin Islands.

<sup>3</sup> The first professional programs consist of: Chiropractic; Dentistry; Law; Medicine; Optometry; Osteopathic Medicine; Pharmacy; Podiatry; Theology; or Veterinary Medicine.

<sup>4</sup> Full-year is an academic year, the period of time generally extending from September to June; usually equated to 2 semesters or trimesters, three quarters, or the period covered by a 4-1-4 plan.

The 1,173 responding public 2-year institutions reported that in-state students attending their institutions were charged an average of \$1,697 for tuition and required fees (table B). Out-of-state students attending these same institutions were charged an average of \$4,006, a difference of \$2,309. There were 158 responding less-than-2-year institutions, with average tuition and fees for in-state students of \$2,809 for 1998–99, compared to \$3,479 for out-of-state students.

### **Private institutions**

For the purpose of IPEDS, private institutions are defined as educational institutions controlled by a private individual(s) or by a nongovernmental agency, usually supported primarily by other than public funds and operated by other than publicly elected or appointed officials. There are two types of private institutions in IPEDS: for-profit and not-for-profit. This report discusses these two types of institutions separately.

The charge for full-time, full-year undergraduate students to attend 4-year private not-for-profit institutions in 1998–99 averaged \$11,229 for tuition and required fees (table B). Since very few private institutions charge different out-of-state tuition, the charge for out-of-state undergraduates averaged \$11,246, just \$17 more than the charge for in-state students. The median charge was \$11,173 for in-state and \$11,180 for out-of-state undergraduate students, only a \$7 difference. The median charge for out-of-state graduate students was higher at public institutions (\$8,046) than at private not-for-profit institutions (\$7,630) or private for-profit institutions (\$7,440). In fact, the median charge for out-of-state graduate students at private for-profit institutions was more than \$600 lower than at public institutions, and the median charge was more than \$400 lower at private not-for-profit institutions than at public institutions.

**Table B.—Average institutional charges for tuition and required fees for full-time, full-year students at all postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998–99**

Item	Total	4 years and above			2 but less than 4 years			Less than 2 years
		Public	Private		Public	Private		
			Not-for-profit	For-profit		Not-for-profit	For-profit	Public
Undergraduate tuition and required fees (in-state)								
Number of institutions responding	4,277	596	1,347	166	1,173	336	501	158
Mean charge	\$6,180	\$3,186	\$11,229	\$8,194	\$1,697	\$5,489	\$7,528	\$2,809
Median charge	\$4,628	\$2,998	\$11,173	\$7,502	\$1,430	\$5,600	\$7,301	\$2,078
Undergraduate tuition and required fees (out-of-state)								
Number of institutions responding	4,277	596	1,347	166	1,173	336	501	158
Mean charge	\$7,561	\$8,248	\$11,246	\$8,194	\$4,006	\$5,631	\$7,529	\$3,479
Median charge	\$6,740	\$8,300	\$11,180	\$7,502	\$3,884	\$5,728	\$7,301	\$3,000
Graduate tuition and required fees (in-state)								
Number of institutions responding	1,653	511	1,035	107	—	—	—	—
Mean charge	\$7,076	\$3,555	\$8,609	\$9,059	—	—	—	—
Median charge	\$5,825	\$3,248	\$7,614	\$7,440	—	—	—	—
Graduate tuition and required fees (out-of-state)								
Number of institutions responding	1,653	511	1,035	107	—	—	—	—
Mean charge	\$8,555	\$8,310	\$8,623	\$9,059	—	—	—	—
Median charge	\$7,700	\$8,046	\$7,630	\$7,440	—	—	—	—

— Not applicable.

NOTE: Mean and Median charges are calculated using institutions as the unit of analysis, not students. Undergraduate tuition represents all responding institutions that offer undergraduate programs and have full-time undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, 'Institutional Characteristics Survey', (IPEDS-IC: 1998–99).

## Room and Board Charges

The room charges are reported by academic year for rooming accommodations for a typical student sharing a room with one other student. In 1998–99, 433 public 4-year institutions reported an average of \$2,338 for room charges to students and 176 public 2-year institutions reported an average of \$1,395 (table C). The 21 private for-profit 4-year institutions reported offering dormitory facilities charged an average of \$3,531. Over 1,000 private not-for-profit institutions reported having dormitory facilities, with an average charge of \$2,599 at 4-year institutions and \$1,918 at 2-year institutions.

The board charges are reported for an academic year for a specified number of meals per week. Of the responding institutions in the 50 states and the District of Columbia, 1,457 indicated they offer meals (table C). The average charge for all institutions offering meal plans was \$2,150 for an average of 18 meals per week. Charges for a student attending a 4-year private not-for-profit institution were an average of \$2,363 for 19 meals per week.

**Table C.—Average institutional charges for room and board for full-time, full-year students at all postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998–99**

Item	Total	4 years and above			2 but less than 4 years			Less than
		Public	Private		Public	Private		2 years
			Not-for-profit	For-profit		Not-for-profit	For-profit	Public
<b>Dormitory facilities</b>								
Number providing facilities	1,763	433	987	21	176	98	46	2
Mean charge	\$2,400	\$2,338	\$2,599	\$3,531	\$1,395	\$1,918	\$3,082	\$1,920
Median charge	\$2,228	\$2,190	\$2,400	\$3,792	\$1,240	\$1,800	\$3,230	\$1,920
<b>Meal plans</b>								
Number providing facilities	1,457	403	853	7	144	39	9	2
Mean charge	\$2,150	\$1,934	\$2,363	\$1,854	\$1,612	\$1,831	\$2,000	\$1,408
Median charge	\$2,160	\$1,930	\$2,400	\$1,600	\$1,588	\$2,000	\$1,884	\$1,408
Mean meals per week	18	18	19	14	17	19	15	19
Median meals per week	19	19	19	15	19	20	15	19

NOTE: Institutional charges are not weighted by enrollment.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Institutional Characteristics Survey", (IPEDS-IC: 1998–99).

## **Changes in Institutional Charges from 1993–94 to 1998–99**

Between 1993–94 and 1998–99, there was a 33 percent increase from \$4,647 to \$6,180 in the average charge of undergraduate tuition and required fees for in-state students at postsecondary institutions. In 1998–99, in-state undergraduate students at public 4-year institutions paid an average of \$3,186 for tuition and required fees, a 29 percent rise from 1993–94, when the average was \$2,479. Although the average tuition and fees charged by public 4-year institutions increased, the rate of increase was slightly less than those for private 4-year institutions. The in-state undergraduate students at private not-for-profit 4-year institutions paid an average of \$11,229 in 1998–99, up 33 percent from \$8,419 in 1993–94, and students attending for-profit 4-year institutions paid 30 percent more in 1998–99 (table D).

The largest increase impacting the in-state undergraduate tuition and required fees was at 2-year private not-for-profit institutions. The in-state students attending these institutions in 1998–99 paid an average of 51 percent more than those who attended in 1993–94 (\$5,489 vs. \$3,624). The median charge at these institutions rose 87 percent from 1993–94 to 1998–99 (\$3,000 to \$5,600).

Tuition and fees for in-state graduate students increased 31 percent, over the 5-year period, from an average of \$5,417 in 1993–94 to \$7,076 in 1998–99. The for-profit institutions reported the largest increase, 43 percent during this period.

## **Changes in Room & Board Charges from 1993-94 to 1998-99**

The average dormitory charge for students attending postsecondary institutions showed a 28 percent increase over the 5-year period (\$1,873 vs. \$2,400) (table E). The private for-profit 4-year institutions reported an average increase of 27 percent and a median increase of 41 percent from 1993–94 to 1998–99 for dormitory charges for all students. The private 4-year not-for-profit institutions reported an average charge of \$2,037 in 1993–94 and \$2,599 in 1998–99, a 28 percent increase over this period.

Postsecondary institutions reported an average charge of \$2,150 for meal plans at their institutions in 1998–99. This was 17 percent higher than the charges assessed in 1993–94 when the average charge was \$1,835 for meal plans. The public 4-year institutions charged an average of \$1,622 for meal plans in 1993–94 which increased 19 percent to \$1,934 in 1998–99. The average charge for meal plans at public 2-year institutions was \$1,612 in 1998–99, up 10 percent from \$1,463 in 1993–94 (table E).

## **Overall Changes from 1993-94 to 1998-99**

Over the 5-year period from 1993–94 to 1998–99, the average total institutional charges (tuition, required fees, room and board) for an undergraduate student to attend college increased 25 percent at public 4-year institutions (\$5,969 to \$7,458) for those paying in-state tuition. The average total institutional charges for out-of-state students increased 27 percent during this same period (\$9,856 to \$12,520). At private institutions, the average total price for undergraduates increased 30 percent at 4-year not-for-profit institutions (\$12,482 to \$16,191) and approximately 29 percent<sup>5</sup> at 4-year for-profit institutions.

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<sup>5</sup>Percent change based on tuition, fees, and room; no board charges are available.

**Table D.—Average institutional charges for tuition and required fees for full-time, full-year students at all postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic years 1993–94 and 1998–99**

Item	Total	4 years and above			2 but less than 4 years			Less than 2 years	
		Public	Private		Public	Private		Public	
			Not-for-profit	For-profit		Not-for-profit	For-profit		
<b>Undergraduate tuition and required fees (in-state)</b>									
Mean charge	1993–94	\$4,647	\$2,479	\$8,419	\$6,296	\$1,372	\$3,624	\$6,256	\$2,070
	1998–99	\$6,180	\$3,186	\$11,229	\$8,194	\$1,697	\$5,489	\$7,528	\$2,809
	Percent Change	33	29	33	30	24	51	20	36
Median charge	1993–94	\$3,330	\$2,260	\$8,290	\$6,093	\$1,121	\$3,000	\$5,818	\$1,676
	1998–99	\$4,628	\$2,998	\$11,173	\$7,502	\$1,430	\$5,600	\$7,301	\$2,078
	Percent Change	39	33	35	23	28	87	25	24
<b>Undergraduate tuition and required fees (out-of-state)</b>									
Mean charge	1993–94	\$5,634	\$6,366	\$8,435	\$6,305	\$3,174	\$3,719	\$6,256	\$2,411
	1998–99	\$7,561	\$8,248	\$11,246	\$8,194	\$4,006	\$5,631	\$7,529	\$3,479
	Percent Change	34	30	33	30	26	51	20	44
Median charge	1993–94	\$4,830	\$6,244	\$8,310	\$6,093	\$3,136	\$3,125	\$5,818	\$2,250
	1998–99	\$6,740	\$8,300	\$11,180	\$7,502	\$3,884	\$5,728	\$7,301	\$3,000
	Percent Change	40	33	35	23	24	83	25	33
<b>Graduate tuition and required fees (in-state)</b>									
Mean charge	1993–94	\$5,417	\$2,735	\$6,765	\$6,332	—	—	—	—
	1998–99	\$7,076	\$3,555	\$8,609	\$9,059	—	—	—	—
	Percent Change	31	30	27	43	—	—	—	—
Median charge	1993–94	\$4,301	\$2,453	\$5,948	\$5,400	—	—	—	—
	1998–99	\$5,825	\$3,248	\$7,614	\$7,440	—	—	—	—
	Percent Change	35	32	28	38	—	—	—	—
<b>Graduate tuition and required fees (out-of-state)</b>									
Mean charge	1993–94	\$6,588	\$6,246	\$6,782	\$6,364	—	—	—	—
	1998–99	\$8,555	\$8,310	\$8,623	\$9,059	—	—	—	—
	Percent Change	30	33	27	42	—	—	—	—
Median charge	1993–94	\$5,924	\$5,904	\$5,948	\$5,402	—	—	—	—
	1998–99	\$7,700	\$8,046	\$7,630	\$7,440	—	—	—	—
	Percent Change	30	36	28	38	—	—	—	—

— Not applicable.

NOTE: Mean and median charges are based on institution and not student enrollment. Undergraduate tuition represents all responding institutions that offer undergraduate programs and have full-time undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students. Institutions that report tuition by program are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Institutional Characteristics Survey", (IPEDS-IC: 1993–94 and 1998–99).

**Table E.—Average institutional charges for room and board for full-time, full-year students at all postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic years 1993–94 and 1998–99**

Item	Total	4 years and above			2 but less than 4 years			Less than	
		Public	Private		Public	Private		Public	
			Not-for-profit	For-profit		Not-for-profit	For-profit		
<b>Dormitory facilities</b>									
Mean charge	1993–94	\$1,873	\$1,868	\$2,037	\$2,781	\$1,153	\$1,524	\$2,327	*
	1998–99	\$2,400	\$2,338	\$2,599	\$3,531	\$1,395	\$1,918	\$3,082	*
	Percent Change	28	25	28	27	21	26	32	*
Median charge	1993–94	\$1,729	\$1,768	\$1,850	\$2,680	\$1,075	\$1,450	\$2,385	*
	1998–99	\$2,228	\$2,190	\$2,400	\$3,792	\$1,240	\$1,800	\$3,230	*
	Percent Change	29	24	30	41	15	24	35	*
<b>Meal plans</b>									
Mean charge	1993–94	\$1,835	\$1,622	\$2,026	*	\$1,463	\$1,558	\$1,659	*
	1998–99	\$2,150	\$1,934	\$2,363	*	\$1,612	\$1,831	\$2,000	*
	Percent Change	17	19	17	*	10	18	21	*
Median charge	1993–94	\$1,850	\$1,609	\$2,000	*	\$1,470	\$1,599	\$1,700	*
	1998–99	\$2,160	\$1,930	\$2,400	*	\$1,588	\$2,000	\$1,884	*
	Percent Change	17	20	20	*	8	25	11	*

\* Based on fewer than 5 cases each year.

NOTE: Mean and median charges are based on institution and not student enrollment.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Institutional Characteristics Survey", (IPEDS-IC: 1993–94 and 1998–99).

## **Compendium Tables**



**Table 1.—Number of postsecondary institutions, by Title IV status, control of institution, degree-granting status and highest level of offering: 50 states and the District of Columbia, academic year 1998–99**

Highest level of offering	All institutions	Title IV participating				Non-Title IV participating			
		Total	Public	Private		Total	Public	Private	
				Not-for-profit	For-profit			Not-for-profit	For-profit
All institutions	9,485	6,431	2,090	1,986	2,355	3,054	155	791	2,108
Less than 1 year	1,756	253	7	18	228	1,503	19	126	1,358
One but less than 2-years	2,157	1,461	254	90	1,117	696	84	61	551
Associate's degree	1,358	1,287	717	146	424	71	7	31	33
Two but less than 4-years	1,367	1,053	494	172	387	314	34	175	105
Bachelor's degree	764	659	67	489	103	105	1	100	4
Postbaccalaureate certificate	147	76	27	40	9	71	3	62	6
Master's degree	886	800	184	564	52	86	3	74	9
Post-master's certificate	215	179	89	90	0	36	0	30	6
Doctor's degree	745	615	244	338	33	130	3	105	22
First-professional degree only 1/	74	45	7	36	2	29	0	16	13
First-professional certificate only 2/	6	2	0	2	0	4	1	2	1
Other/did not respond 3/	10	1	0	1	0	9	0	9	0
Degree granting	4,500	4,048	1,681	1,695	672	452	17	348	87
Associate's degree	1,358	1,287	717	146	424	71	7	31	33
Two but less than 4-years	446	426	352	18	56	20	3	12	5
Bachelor's degree	764	659	67	489	103	105	1	100	4
Postbaccalaureate certificate	43	39	21	16	2	4	0	4	0
Master's degree	886	800	184	564	52	86	3	74	9
Post-master's certificate	181	176	89	87	0	5	0	4	1
Doctor's degree	745	615	244	338	33	130	3	105	22
First-professional degree only 1/	74	45	7	36	2	29	0	16	13
Other/did not respond 3/	3	1	0	1	0	2	0	2	0
Non-degree granting	4,985	2,383	409	291	1,683	2,602	138	443	2,021
Less than 1 year	1,756	253	7	18	228	1,503	19	126	1,358
One but less than 2-years	2,157	1,461	254	90	1,117	696	84	61	551
Two but less than 4-years	921	627	142	154	331	294	31	163	100
Postbaccalaureate certificate	104	37	6	24	7	67	3	58	6
Post-master's certificate	34	3	0	3	0	31	0	26	5
First-professional certificate only 2/	6	2	0	2	0	4	1	2	1
Other/did not respond 3/	7	0	0	0	0	7	0	7	0

1/ These institutions offer only first-professional degrees or certificates.

2/ These institutions offer only first-professional certificates.

3/ Includes schools that offer a 4- or 5-year diploma program that may or may not offer an associate's degree.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 2.—Number of Title IV participating postsecondary institutions, by control and all levels of offering: 50 states and the District of Columbia, academic year 1998–99**

Level of offering	Total	Public	Private	
			Not-for-profit	For-profit
All institutions	6,431	2,090	1,986	2,355
Less than 1 year	3,211	1,102	369	1,740
One but less than 2-years	3,720	1,468	441	1,811
Associate's degree	2,686	1,343	716	627
Two but less than 4-years	1,250	548	304	398
Bachelor's degree	2,025	597	1,269	159
Postbaccalaureate certificate	560	200	345	15
Master's degree	1,564	517	962	85
Post-master's certificate	446	238	208	0
Doctor's degree	615	244	338	33
First-professional degree	532	149	381	2
First-professional certificate	90	33	57	0
Other	3	0	3	0

NOTE: Details within columns do not add to totals because many institutions offer programs at more than one level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 3.—Number of Title IV participating degree-granting postsecondary institutions, by control and all levels of offering: 50 states and the District of Columbia, academic year 1998–99**

Levels of offering	Total	Public	Private	
			Not-for-profit	For-profit
All institutions	4,048	1,681	1,695	672
Less than 1 year	1,432	842	281	309
One but less than 2-years	1,851	1,086	332	433
Associate's degree	2,686	1,343	716	627
Two but less than 4-years	622	406	149	67
Bachelor's degree	2,025	597	1,269	159
Postbaccalaureate certificate	520	194	318	8
Master's degree	1,564	517	962	85
Post-master's certificate	443	238	205	0
Doctor's degree	615	244	338	33
First-professional degree	532	149	381	2
First-professional certificate	87	33	54	0
Other	3	0	3	0

NOTE: Details within columns do not add to totals because many institutions, offer programs at more than one level.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 4.—Number of Title IV participating postsecondary institutions, by level and control or affiliation: 50 states and the District of Columbia, academic year 1998–99**

<b>Control or affiliation</b>	<b>Total</b>	<b>4-years and above</b>	<b>2 but less than 4-years</b>	<b>Less than 2-years</b>
All institutions	6,431	2,377	2,340	1,714
Public, total 1/	2,090	618	1,211	261
Federal	18	7	11	0
State	1,559	599	848	112
Territorial	0	0	0	0
School district	346	1	186	159
County	188	1	161	26
Township	2	0	1	1
City	36	7	22	7
Special district	154	0	147	7
Other	56	7	42	7
Private, total	4,341	1,759	1,129	1,453
Not-for-profit	1,986	1,560	318	108
Independent 2/	976	659	222	95
Religious affiliation	1,010	901	96	13
Catholic	286	224	56	6
Jewish	72	64	2	6
Protestant	636	599	36	1
Other	16	14	2	0
For-profit	2,355	199	811	1,345

1/ Institutions may indicate more than one level of public control.

2/ No religious affiliation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics survey, (IPEDS-IC: 1998–99).

**Table 5.—Number of Title IV participating degree-granting postsecondary institutions, by level and control or affiliation: 50 states and the District of Columbia, academic year 1998–99**

<b>Control or affiliation</b>	<b>Total</b>	<b>4-years and above</b>	<b>2 but less than 4-years</b>
All institutions	4,048	2,335	1,713
Public, total 1/	1,681	612	1,069
Federal	15	6	9
State	1,360	596	764
Territorial	0	0	0
School district	130	1	129
County	147	1	146
Township	1	0	1
City	21	5	16
Special district	145	0	145
Other	46	7	39
Private, total	2,367	1,723	644
Not-for-profit	1,695	1,531	164
Independent 2/	757	639	118
Religious affiliation	938	892	46
Catholic	245	221	24
Jewish	64	63	1
Protestant	616	595	21
Other	13	13	0
For-profit	672	192	480

1/ Institutions may indicate more than one level of public control.

2/ No religious affiliation.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics survey, (IPEDS-IC: 1998–99).

**Table 6.—Number of Title IV participating postsecondary institutions, by level and control of institution and by state: academic year 1998–99**

State	Total	4-years and above			2 but less than 4-years			Less than 2-years		
		Public	Private		Public	Private		Public	Private	
			Not-for-profit	For-profit		Not-for-profit	For-profit		Not-for-profit	For-profit
All institutions	6,431	618	1,560	199	1,211	318	811	261	108	1,345
Alabama	83	18	17	4	30	6	3	0	0	5
Alaska	11	3	3	0	1	0	1	1	0	2
Arizona	99	5	10	11	20	4	16	0	2	31
Arkansas	82	11	10	0	23	3	1	7	0	27
California	648	32	148	38	114	23	67	11	27	188
Colorado	95	14	13	15	17	1	16	3	1	15
Connecticut	77	7	20	1	12	4	5	0	0	28
Delaware	14	2	4	0	3	2	0	0	0	3
District of Columbia	21	2	12	3	0	1	0	0	1	2
Florida	271	11	46	22	63	5	43	3	5	73
Georgia	156	20	34	8	54	3	8	0	0	29
Hawaii	25	3	5	2	7	2	2	0	0	4
Idaho	25	4	3	1	3	1	13	0	0	0
Illinois	263	12	88	11	49	15	18	3	7	60
Indiana	128	14	36	5	15	6	22	3	0	27
Iowa	87	3	38	1	16	6	22	0	0	1
Kansas	81	9	21	1	29	2	5	1	2	11
Kentucky	132	8	27	1	35	1	48	7	1	4
Louisiana	132	14	12	2	49	3	10	0	0	42
Maine	43	8	12	0	7	4	5	0	2	5
Maryland	95	14	20	2	20	6	6	0	1	26
Massachusetts	192	15	84	0	19	13	10	6	4	41
Michigan	182	16	59	1	30	3	8	1	2	62
Minnesota	135	12	36	4	46	4	17	0	2	14
Mississippi	62	9	12	0	21	3	10	0	0	7
Missouri	182	14	55	6	22	8	20	24	2	31
Montana	39	6	5	0	12	6	9	0	0	1
Nebraska	58	7	16	0	9	5	17	0	0	4
Nevada	23	2	1	2	4	0	12	0	1	1
New Hampshire	37	5	14	1	4	2	1	0	1	9
New Jersey	150	14	20	0	21	12	12	7	0	64
New Mexico	52	6	8	6	21	0	3	0	0	8
New York	472	47	170	10	46	49	37	31	16	66
North Carolina	155	16	41	0	58	5	2	0	1	32
North Dakota	26	6	4	0	9	1	6	0	0	0
Ohio	299	27	65	2	37	14	73	49	4	28
Oklahoma	127	14	13	3	34	1	4	19	1	38
Oregon	82	8	23	3	17	1	25	0	0	5
Pennsylvania	432	45	104	0	21	51	77	37	8	89
Rhode Island	26	2	9	0	1	1	0	0	0	13
South Carolina	79	12	23	0	21	1	6	1	0	15
South Dakota	31	8	7	4	6	4	2	0	0	0
Tennessee	145	10	43	3	20	5	12	20	1	31
Texas	360	43	54	6	68	9	38	2	3	137
Utah	47	5	2	2	5	1	23	5	0	4
Vermont	29	5	16	1	1	3	1	0	0	2
Virginia	154	15	32	10	25	9	20	8	3	32
Washington	114	9	24	3	33	1	21	1	2	20
West Virginia	71	12	12	0	7	2	17	10	7	4
Wisconsin	89	13	29	4	19	6	14	0	1	3
Wyoming	13	1	0	0	7	0	3	1	0	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 7.—Number of Title IV participating degree-granting postsecondary institutions, by level and control of institution and state: academic year 1998–99**

State	Total	4-years and above			2 but less than 4-years		
		Public	Private		Public	Private	
			Non-profit	For-profit		Non-profit	For-profit
All institutions	4,048	612	1,531	192	1,069	164	480
Alabama	78	18	17	4	30	6	3
Alaska	8	3	3	0	1	0	1
Arizona	64	5	10	10	20	4	15
Arkansas	45	11	10	0	22	1	1
California	401	32	147	37	110	21	54
Colorado	72	14	13	13	15	1	16
Connecticut	42	7	19	1	12	1	2
Delaware	10	2	4	0	3	1	0
District of Columbia	17	2	12	3	0	0	0
Florida	145	11	45	22	28	5	34
Georgia	101	20	33	8	33	3	4
Hawaii	20	3	5	2	7	2	1
Idaho	14	4	3	1	3	1	2
Illinois	175	12	85	11	48	7	12
Indiana	94	14	36	5	14	5	20
Iowa	58	3	36	1	16	2	0
Kansas	58	9	21	0	23	2	3
Kentucky	67	8	26	1	14	1	17
Louisiana	84	14	11	2	47	1	9
Maine	34	8	12	0	7	2	5
Maryland	59	14	20	2	20	2	1
Massachusetts	129	15	82	0	18	9	5
Michigan	108	15	59	1	29	2	2
Minnesota	114	11	35	4	44	3	17
Mississippi	45	9	11	0	21	2	2
Missouri	113	13	54	6	18	5	17
Montana	28	6	5	0	12	3	2
Nebraska	37	7	16	0	9	1	4
Nevada	15	2	1	2	4	0	6
New Hampshire	27	5	14	1	4	2	1
New Jersey	58	14	20	0	19	2	3
New Mexico	44	6	8	6	21	0	3
New York	322	47	168	10	44	26	27
North Carolina	118	16	41	0	57	3	1
North Dakota	21	6	4	0	9	1	1
Ohio	173	27	65	2	36	3	40
Oklahoma	48	14	13	3	15	1	2
Oregon	54	8	23	3	17	1	2
Pennsylvania	249	45	100	0	19	16	69
Rhode Island	12	2	9	0	1	0	0
South Carolina	62	12	23	0	21	1	5
South Dakota	25	8	6	4	6	1	0
Tennessee	84	10	43	2	14	3	12
Texas	199	41	52	5	68	7	26
Utah	21	5	2	2	4	1	7
Vermont	25	5	15	1	1	2	1
Virginia	92	15	31	10	24	1	11
Washington	71	8	24	3	32	0	4
West Virginia	33	12	10	0	3	0	8
Wisconsin	66	13	29	4	19	0	1
Wyoming	9	1	0	0	7	0	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 8.—Number of Title IV participating postsecondary institutions offering selected student services, by level and control of institution: 50 states and the District of Columbia, academic year 1998–99**

Student services	Total	4-years and above			2 but less than 4-years			Less than 2-years		
		Public	Private		Public	Private		Public	Private	
			Not-for-profit	For-profit		Not-for-profit	For-profit		Not-for-profit	For-profit
Number of institutions										
All institutions	6,431	618	1,560	199	1,211	318	811	261	108	1,345
Remedial instructional services	3,877	517	1,051	124	1,189	178	279	203	62	274
Academic/career counseling services	5,650	610	1,472	170	1,202	271	646	226	84	969
Employment services for current students	4,541	566	1,230	149	1,083	176	522	160	68	587
Placement services for program completers	5,334	573	1,210	138	1,070	147	720	191	78	1,207
Assistance for the visually impaired	2,570	532	721	24	1,010	46	82	83	11	61
Assistance for the hearing impaired	2,578	530	688	33	1,041	45	71	97	9	64
Access for the mobility impaired	4,371	595	1,230	153	1,156	153	413	169	49	453
On-campus day care for children of students	1,365	350	233	4	623	46	25	60	10	14
None of the above	139	2	22	0	2	18	31	8	4	52
Percent										
Remedial instructional services	60.3	83.7	67.4	62.3	98.2	56.0	34.4	77.8	57.4	20.4
Academic/career counseling services	87.9	98.7	94.4	85.4	99.3	85.2	79.7	86.6	77.8	72.0
Employment services for current students	70.6	91.6	78.8	74.9	89.4	55.3	64.4	61.3	63.0	43.6
Placement services for program completers	82.9	92.7	77.6	69.3	88.4	46.2	88.8	73.2	72.2	89.7
Assistance for the visually impaired	40.0	86.1	46.2	12.1	83.4	14.5	10.1	31.8	10.2	4.5
Assistance for the hearing impaired	40.1	85.8	44.1	16.6	86.0	14.2	8.8	37.2	8.3	4.8
Access for the mobility impaired	68.0	96.3	78.8	76.9	95.5	48.1	50.9	64.8	45.4	33.7
On-campus day care for children of students	21.2	56.6	14.9	2.0	51.4	14.5	3.1	23.0	9.3	1.0
None of the above	2.2	0.3	1.4	0.0	0.2	5.7	3.8	3.1	3.7	3.9

NOTE: Details within columns do not add to totals because institutions may offer more than one service to students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 9.—Number of Title IV participating degree-granting postsecondary institutions offering selected student services, by level and control of institution: 50 states and the District of Columbia, academic year 1998–99**

Student Services	Total	4-years and above			2 but less than 4-years		
		Public	Private		Public	Private	
			Not-for-profit	For-profit		Not-for-profit	For-profit
Number of institutions							
All institutions	4,048	612	1,531	192	1,069	164	480
Remedial instructional services	3,096	516	1,049	123	1,064	121	223
Academic/career counseling services	3,852	605	1,456	164	1,068	152	407
Employment services for current students	3,431	565	1,224	143	981	119	399
Placement services for program completers	3,425	573	1,201	132	950	109	460
Assistance for the visually impaired	2,314	531	720	24	921	42	76
Assistance for the hearing impaired	2,295	529	687	33	944	37	65
Access for the mobility impaired	3,435	592	1,223	148	1,037	110	325
On-campus day care for children of students	1,204	349	231	3	585	14	22
None of the above	25	2	18	0	1	1	3
Percent							
Remedial instructional services	76.5	84.3	68.5	64.1	99.5	73.8	46.5
Academic/career counseling services	95.2	98.9	95.1	85.4	99.9	92.7	84.8
Employment services for current students	84.8	92.3	79.9	74.5	91.8	72.6	83.1
Placement services for program completers	84.6	93.6	78.4	68.8	88.9	66.5	95.8
Assistance for the visually impaired	57.2	86.8	47.0	12.5	86.2	25.6	15.8
Assistance for the hearing impaired	56.7	86.4	44.9	17.2	88.3	22.6	13.5
Access for the mobility impaired	84.9	96.7	79.9	77.1	97.0	67.1	67.7
On-campus day care for children of students	29.7	57.0	15.1	1.6	54.7	8.5	4.6
None of the above	0.6	0.3	1.2	0.0	0.1	0.6	0.6

NOTE: Details within columns do not add to totals because institutions may offer more than one service to students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics survey, (IPEDS-IC: 1998–99).

**Table 10.—Average institutional charges for tuition and required fees, for full-time, full-year students at all postsecondary institutions by level and control of institutions: 50 states and the District of Columbia, academic year 1998-99**

Item	Total	4-years and above			2 but less than 4-years			Less than
		Public	Private		Public	Private		2-years
			Not-for-profit	For-profit		Not-for-profit	For-profit	Public
Undergraduate tuition and required fees (in-state)								
Number of institutions responding	4,277	596	1,347	166	1,173	336	501	158
Mean cost	\$6,180	\$3,186	\$11,229	\$8,194	\$1,697	\$5,489	\$7,528	\$2,809
Median cost	\$4,628	\$2,998	\$11,173	\$7,502	\$1,430	\$5,600	\$7,301	\$2,078
Undergraduate tuition and required fees (out-of-state)								
Number of institutions responding	4,277	596	1,347	166	1,173	336	501	158
Mean cost	\$7,561	\$8,248	\$11,246	\$8,194	\$4,006	\$5,631	\$7,529	\$3,479
Median cost	\$6,740	\$8,300	\$11,180	\$7,502	\$3,884	\$5,728	\$7,301	\$3,000
Graduate tuition and required fees (in-state)								
Number of institutions responding	1,653	511	1,035	107	—	—	—	—
Mean cost	\$7,076	\$3,555	\$8,609	\$9,059	—	—	—	—
Median cost	\$5,825	\$3,248	\$7,614	\$7,440	—	—	—	—
Graduate tuition and required fees (out-of-state)								
Number of institutions responding	1,653	511	1,035	107	—	—	—	—
Mean cost	\$8,555	\$8,310	\$8,623	\$9,059	—	—	—	—
Median cost	\$7,700	\$8,046	\$7,630	\$7,440	—	—	—	—

— not applicable.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students. Undergraduate tuition represents all responding institutions that offer undergraduate programs and have full-time undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students. Institutions that report tuition by program are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998-99).

**Table 11.—Average institutional charges for room and board, for full-time, full-year students at all postsecondary institutions by level and control of institutions: 50 states and the District of Columbia, academic year 1998-99**

Item	Total	4-years and above			2 but less than 4-years			Less than
		Public	Private		Public	Private		2-years
			Not-for-profit	For-profit		Not-for-profit	For-profit	Public
Dormitory facilities								
Number providing facilities	1,763	433	987	21	176	98	46	*
Mean cost	\$2,400	\$2,338	\$2,599	\$3,531	\$1,395	\$1,918	\$3,082	*
Median cost	\$2,228	\$2,190	\$2,400	\$3,792	\$1,240	\$1,800	\$3,230	*
Meal plans								
Number providing facilities	1,457	403	853	7	144	39	9	*
Mean cost	\$2,150	\$1,934	\$2,363	\$1,854	\$1,612	\$1,831	\$2,000	*
Median cost	\$2,160	\$1,930	\$2,400	\$1,600	\$1,588	\$2,000	\$1,884	*
Mean meals per week	18	18	19	14	17	19	15	*
Median meals per week	19	19	19	15	19	20	15	*

\*Based on fewer than 5 cases.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998-99).

**Table 12.—Average institutional charges for tuition and required fees for full-time, full-year students at Title IV participating postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998-99**

Item	Total	4-years and above			2 but less than 4-years			Less than
		Public	Private		Public	Private		2-years Public
			Not-for-profit	For-profit		Not-for-profit	For-profit	
Undergraduate tuition and required fees (in-state)								
Number of institutions responding	3,986	595	1,259	159	1,150	267	441	115
Mean charges	\$6,353	\$3,191	\$11,747	\$8,340	\$1,707	\$6,280	\$7,571	\$2,873
Median charges	\$4,833	\$3,004	\$11,500	\$7,593	\$1,440	\$6,150	\$7,470	\$2,080
Undergraduate tuition and required fees (out-of-state)								
Number of institutions responding	3,986	595	1,259	159	1,150	267	441	115
Mean charges	\$7,815	\$8,262	\$11,765	\$8,340	\$4,047	\$6,434	\$7,572	\$3,374
Median charges	\$6,963	\$8,310	\$11,500	\$7,593	\$3,905	\$6,245	\$7,470	\$2,976
Graduate tuition and required fees (in-state)								
Number of institutions responding	1,530	508	931	91	—	—	—	—
Mean charges	\$7,261	\$3,576	\$9,125	\$8,771	—	—	—	—
Median charges	\$6,027	\$3,270	\$8,010	\$7,440	—	—	—	—
Graduate tuition and required fees (out-of-state)								
Number of institutions responding	1,530	508	931	91	—	—	—	—
Mean charges	\$8,858	\$8,359	\$9,138	\$8,771	—	—	—	—
Median charges	\$7,945	\$8,076	\$8,010	\$7,440	—	—	—	—

— not applicable.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students. Undergraduate tuition represents all responding institutions that offer undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students. Institutions that report tuition by program are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional

**Table 13.—Average institutional charges for room and board for full-time, full-year students at Title IV participating postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998-99**

Item	Total	4-years and above			2 but less than 4-years			Less than
		Public	Private		Public	Private		2-years
			Not-for-profit	For-profit		Not-for-profit	For-profit	Public
Dormitory facilities								
Number providing facilities	1,691	433	948	20	173	79	36	*
Mean charges	\$2,423	\$2,338	\$2,630	\$3,644	\$1,393	\$2,006	\$3,189	*
Median charges	\$2,250	\$2,190	\$2,435	\$3,921	\$1,250	\$1,890	\$3,400	*
Meal plans								
Number providing facilities	1,425	403	835	6	142	32	5	*
Mean charges	\$2,164	\$1,934	\$2,382	\$1,908	\$1,585	\$2,044	\$2,181	*
Median charges	\$2,172	\$1,930	\$2,400	\$1,768	\$1,588	\$2,095	\$1,884	*
Mean meals per week	18	18	19	15	17	19	15	*
Median meals per week	19	19	19	17	19	20	15	*

\*Based on fewer than 5 cases.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998-99).

**Table 14.—Average institutional charges for tuition and required fees for full-time, full-year students at Title IV participating degree-granting postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998-99**

Item	Total	4-years and above			2 but less than 4-years		
		Public	Private		Public	Private	
			Not-for-profit	For-profit		Not-for-profit	For-profit
Undergraduate tuition and required fees (in-state)							
Number of institutions responding	3,585	594	1,258	158	1,043	150	382
Mean charges	\$6,653	\$3,193	\$11,755	\$8,376	\$1,759	\$7,364	\$7,606
Median charges	\$5,276	\$3,004	\$11,500	\$7,593	\$1,486	\$6,698	\$7,501
Undergraduate tuition and required fees (out-of-state)							
Number of institutions responding	3,585	594	1,258	158	1,043	150	382
Mean charges	\$8,202	\$8,272	\$11,773	\$8,376	\$4,152	\$7,462	\$7,608
Median charges	\$7,308	\$8,316	\$11,503	\$7,593	\$4,107	\$6,710	\$7,501
Graduate tuition and required fees (in-state)							
Number of institutions responding	1,496	503	909	84	—	—	—
Mean charges	\$7,337	\$3,588	\$9,261	\$8,965	—	—	—
Median charges	\$6,073	\$3,276	\$8,091	\$7,440	—	—	—
Graduate tuition and required fees (out-of-state)							
Number of institutions responding	1,496	503	909	84	—	—	—
Mean charges	\$8,964	\$8,401	\$9,275	\$8,965	—	—	—
Median charges	\$8,020	\$8,104	\$8,091	\$7,440	—	—	—

— not applicable.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students. Undergraduate tuition represents all responding institutions that offer undergraduate programs and have full-time undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students. Institutions that report tuition by program are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998-99).

**Table 15.—Average institutional charges for room and board for full-time, full-year students at Title IV participating degree-granting postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic year 1998–99**

Item	Total	4-years and above			2 but less than 4-years		
		Public	Private		Public	Private	
			Not-for-profit	For-profit		Not-for-profit	For-profit
Dormitory facilities							
Number providing facilities	1,642	433	945	20	167	43	34
Mean charges	\$2,441	\$2,338	\$2,632	\$3,644	\$1,397	\$2,175	\$3,205
Median charges	\$2,273	\$2,190	\$2,440	\$3,921	\$1,250	\$1,980	\$3,400
Meal plans							
Number providing facilities	1,411	403	832	6	139	26	5
Mean charges	\$2,173	\$1,934	\$2,390	\$1,908	\$1,581	\$2,161	\$2,181
Median charges	\$2,180	\$1,930	\$2,400	\$1,768	\$1,590	\$2,145	\$1,884
Mean meals per week	18	18	19	15	17	19	15
Median meals per week	19	19	19	17	19	20	15

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

**Table 16.—Average institutional charges for tuition and required fees for full-time, full-year students at postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic years 1993-94 and 1998-99**

Item	Total	4 years and above			2 but less than 4 years			Less than 2 years	
		Public	Private		Public	Private			
			Not-for-profit	For-profit		Not-for-profit	For-profit		
<b>Undergraduate tuition and required fees (in-state)</b>									
Mean cost	1993-94	\$4,647	\$2,479	\$8,419	\$6,296	\$1,372	\$3,624	\$6,256	\$2,070
	1998-99	\$6,180	\$3,186	\$11,229	\$8,194	\$1,697	\$5,489	\$7,528	\$2,809
	Percent Change	33	29	33	30	24	51	20	36
Median cost	1993-94	\$3,330	\$2,260	\$8,290	\$6,093	\$1,121	\$3,000	\$5,818	\$1,676
	1998-99	\$4,628	\$2,998	\$11,173	\$7,502	\$1,430	\$5,600	\$7,301	\$2,078
	Percent Change	39	33	35	23	28	87	25	24
<b>Undergraduate tuition and required fees (out-of-state)</b>									
Mean cost	1993-94	\$5,634	\$6,366	\$8,435	\$6,305	\$3,174	\$3,719	\$6,256	\$2,411
	1998-99	\$7,561	\$8,248	\$11,246	\$8,194	\$4,006	\$5,631	\$7,529	\$3,479
	Percent Change	34	30	33	30	26	51	20	44
Median cost	1993-94	\$4,830	\$6,244	\$8,310	\$6,093	\$3,136	\$3,125	\$5,818	\$2,250
	1998-99	\$6,740	\$8,300	\$11,180	\$7,502	\$3,884	\$5,728	\$7,301	\$3,000
	Percent Change	40	33	35	23	24	83	25	33
<b>Graduate tuition and required fees (in-state)</b>									
Mean cost	1993-94	5,417	2,735	6,765	6,332	—	—	—	—
	1998-99	7,076	3,555	8,609	9,059	—	—	—	—
	Percent Change	31	30	27	43	—	—	—	—
Median cost	1993-94	\$4,301	\$2,453	\$5,948	\$5,400	—	—	—	—
	1998-99	\$5,825	\$3,248	\$7,614	\$7,440	—	—	—	—
	Percent Change	35	32	28	38	—	—	—	—
<b>Graduate tuition and required fees (out-of-state)</b>									
Mean cost	1993-94	\$6,588	\$6,246	\$6,782	\$6,364	—	—	—	—
	1998-99	\$8,555	\$8,310	\$8,623	\$9,059	—	—	—	—
	Percent Change	30	33	27	42	—	—	—	—
Median cost	1993-94	\$5,924	\$5,904	\$5,948	\$5,402	—	—	—	—
	1998-99	\$7,700	\$8,046	\$7,630	\$7,440	—	—	—	—
	Percent Change	30	36	28	38	—	—	—	—

—not applicable.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students. Undergraduate tuition represents all responding institutions that offer undergraduate programs and have full-time undergraduate students. Graduate tuition represents all responding institutions that offer graduate programs and have full-time graduate students. Institutions that report tuitions by program are not included.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System,

"Institutional Characteristics Survey", (IPEDS-IC: 1993-94 and 1998-99).

**Table 17.—Average institutional charges for room and board for full-time, full-year students at all postsecondary institutions, by level and control of institution: 50 states and the District of Columbia, academic years 1993–94 and 1998–99**

Item		Total	4 years and above			2 but less than 4 years			Less than
			Public	Private		Public	Private		2 years
				Not-for-profit	For-profit		Not-for-profit	For-profit	Public
<b>Dormitory facilities</b>									
Mean cost	1993–94	\$1,873	\$1,868	\$2,037	\$2,781	\$1,153	\$1,524	\$2,327	*
	1998–99	\$2,400	\$2,338	\$2,599	\$3,531	\$1,395	\$1,918	\$3,082	*
	Percent Change	28	25	28	27	21	26	32	*
Median cost	1993–94	\$1,729	\$1,768	\$1,850	\$2,680	\$1,075	\$1,450	\$2,385	*
	1998–99	\$2,228	\$2,190	\$2,400	\$3,792	\$1,240	\$1,800	\$3,230	*
	Percent Change	29	24	30	41	15	24	35	*
<b>Meal plans</b>									
Mean cost	1993–94	\$1,835	\$1,622	\$2,026	*	\$1,463	\$1,558	\$1,659	*
	1998–99	\$2,150	\$1,934	\$2,363	*	\$1,612	\$1,831	\$2,000	*
	Percent Change	17	19	17	*	10	18	21	*
Median cost	1993–94	\$1,850	\$1,609	\$2,000	*	\$1,470	\$1,599	\$1,700	*
	1998–99	\$2,160	\$1,930	\$2,400	*	\$1,588	\$2,000	\$1,884	*
	Percent Change	17	20	20	*	8	25	11	*

\* Based on fewer than 5 cases each year.

NOTE: Mean and median charges are calculated using institutions as the unit of analysis, not students.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Institutional Characteristics Survey", (IPEDS-IC: 1993-94 and 1998-99).

## **Methodology**

### **Data Sources**

This report is derived from the data collected on the Institutional Characteristics (IC) survey, which is part of the Integrated Postsecondary Education Data System (IPEDS), conducted by the National Center for Education Statistics during the 1993–94 and the 1998–99 academic years. Only table A includes data for the Outlying Areas, all other tables present data for the 50 States and the District of Columbia.

The final universe for 1998–99 consisted of 9,653 postsecondary institutions; 2,907 4-year, 2,766 2-year, and 3,980 less-than-2-year institutions. When examined by control and level, private for-profit postsecondary institutions made up 47 percent of the IPEDS universe. Among these for-profit institutions, less-than-2-year institutions comprised 73 percent of the total and had a response rate of 57.6 percent in 1998–99. The 4-year and 2-year for-profit postsecondary institutions both had a response rate of 87.9 percent. The private not-for-profit postsecondary institutions represented 29 percent of the IPEDS universe and the response rates were 86.9 percent for 4-year institutions, 77.8 percent for 2-year and 66.0 percent for less-than-2-year institutions. While, the public institutions represented only 24 percent of the IPEDS universe the response rates were 98.3 percent for 4-year, 96.8 percent for 2-year and 88.8 percent for less-than-2-year institutions (table M1).

In 1998–99, 6,573 institutions were identified as participants in Title IV federal financial aid programs. These institutions had a 96.6 percent response rate. The public Title IV participating institutions had an overall response rate of over 98 percent; 99.4 percent for 4-year, 98.2 percent for 2-year, and 96.9 percent for less-than-2-year institutions. The public non-Title IV participating institutions had much lower response rates ranging from 36.4 percent for 4-year institutions to 68.3 percent for less-than-2-year schools (table M1).

### **Survey Conduct**

The Institutional Characteristics (IC) survey has four versions: IC, IC3, IC4 and IC-ADD. The version of the survey received by an institution was determined by the school's assigned sector and Title IV status at the time of the mailout. Sector is defined by the institutions' control (public, private not-for-profit or private for-profit) and the highest level of offering (4-year or higher, at least 2-but-less-than-4-year, or less-than-2-year certificate, diploma, degree, or other formal award). The IC survey was mailed to all 4-year, 2-year, and public less-than-2-year institutions participating in Title IV financial aid. The IC3 form was sent to private less than-2-year institutions participating in Title IV financial aid. The IC4 survey was sent to institutions that were not participating in Title IV programs regardless of level. Institutions that were new to the IPEDS universe received an IC-ADD form. The IC survey is the control file for the entire IPEDS universe. It determines the specific IPEDS survey data to be completed by the institution and provides basic information about all postsecondary institutions for sampling purposes.

The 1998–99 IC survey was mailed in August 1998 to 9,811 postsecondary institutions in the United States and its outlying areas, and to 96 administrative units. During the survey processing, 150 institutions and offices were deleted because they either (1) were duplicates of other institutions on

the file, (2) closed, merged with another institution, or were no longer a legitimate institution or branch; or (3) no longer offered postsecondary programs. In addition, institutions not in the IPEDS were added to the universe if they responded to the survey and indicated that their mission was the provision of postsecondary education as defined in the survey. The institutions were identified as "potential adds" from several sources including recommendations from the state coordinators, a review of the list of Title IV participating schools from the Office of Postsecondary Education, or from the institutions themselves.

A major subset of all postsecondary institutions are those 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 1997, the subset of participating institutions was verified by matching the IPEDS universe with the Office of Postsecondary Education's (OPE), Postsecondary Education Participation System (PEPS) file. OPE grants approval to institutions to participate in Title IV federal financial aid programs. Using the PEPS file as the source for determining participants, the number of participating institutions on the 1998 IC file is 6,573 (table M1). In the 1998 IC file institutions are classified by whether or not they grant degrees. Degree-granting institutions offer either an associate's, bachelor's, master's, doctor's, or first-professional degree; non-degree-granting institutions offer only certificates at any level. Institutions offering only postbaccalaureate, post-master's or first-professional certificates, and institutions offering certificates or diplomas of 4 or 5 years or less are included in the non-degree-granting group.

Table M1 provides the number of institutions and survey response rates by participation status and degree-granting status by control and level of institution. In 1998, there were 4,125 participating degree-granting institutions in the 50 States, the District of Columbia, and the outlying areas. Institutions in the outlying areas are not included in compendium tables 1 through 17.

**Table M1.—Number of postsecondary institutions and survey response rates, by Title IV participating, degree-granting status and sector of institution: 50 States, District of Columbia, and outlying areas, academic year 1998–99**

Degree-granting status and sector of institution	All institutions			Title IV participating			Non-Title IV participating		
	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate	Final universe	Number responded	Response rate
Total	9,653	7,528	78.0	6,573	6,349	96.6	3,080	1,179	38.3
4-year, public	645	634	98.3	634	630	99.4	11	4	36.4
4-year, not-for-profit	1,998	1,737	86.9	1,594	1,560	97.9	404	177	43.8
4-year, for-profit	264	232	87.9	202	200	99.0	62	32	51.6
2-year, public	1,269	1,229	96.8	1,221	1,199	98.2	48	30	62.5
2-year, not-for-profit	527	410	77.8	319	302	94.7	208	108	51.9
2-year, for-profit	970	853	87.9	831	795	95.7	139	58	41.7
Less-than-2-year, public	365	324	88.8	261	253	96.9	104	71	68.3
Less-than-2-year, not-for-profit	303	200	66.0	116	109	94.0	187	91	48.7
Less-than-2-year, for-profit	3,312	1,909	57.6	1,395	1,301	93.3	1,917	608	31.7
Degree-granting									
4-year, public	635	627	98.7	628	624	99.4	7	3	42.9
4-year, not-for-profit	1,875	1,671	89.1	1,565	1,535	98.1	310	136	43.9
4-year, for-profit	245	220	89.8	195	193	99.0	50	27	54.0
2-year, public	1,095	1,074	98.1	1,079	1,061	98.3	16	13	81.3
2-year, not-for-profit	210	186	88.6	165	158	95.8	45	28	62.2
2-year, for-profit	531	504	94.9	493	478	97.0	38	26	68.4
Non-degree-granting									
4-year, public	10	7	70.0	6	6	100.0	4	1	25.0
4-year, not-for-profit	123	66	53.7	29	25	86.2	94	41	43.6
4-year, for-profit	19	12	63.2	7	7	100.0	12	5	41.7
2-year, public	174	155	89.1	142	138	97.2	32	17	53.1
2-year, not-for-profit	317	224	70.7	154	144	93.5	163	80	49.1
2-year, for-profit	439	349	79.5	338	317	93.8	101	32	31.7
Less-than-2-year, public	365	324	88.8	261	253	96.9	104	71	68.3
Less-than-2-year, not-for-profit	303	200	66.0	116	109	94.0	187	91	48.7
Less-than-2-year, for-profit	3,312	1,909	57.6	1,395	1,301	93.3	1,917	608	31.7

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Institutional Characteristics Survey, (IPEDS-IC: 1998–99).

## Editing and Follow-up

Survey responses were edited for internal and inter-year consistency. For example, if the institution indicated that graduate-level programs were offered, the form was checked to make sure that graduate tuition was also reported. If the room and board charges reported by the institution were inconsistent with last year's reported charges, the data were verified with the institution. Tuition charges that were

reported for a quarter, semester, or trimester were converted to academic year charges to conform to the instructions provided to respondents.

The 1998–99 IC survey was due on October 1, 1999. There were several data collection follow-ups for survey nonresponse conducted from mid-October 1999 through May 2000. The first follow-up procedure occurred two weeks after the due date when a second IC survey form was mailed to nonresponding institutions. After a few weeks, if there was no response to the second mailing, a letter was mailed to the President/CEO asking for a prompt response. In the past the letter follow-up would have been followed by the Postsecondary Education Telephone System (PETS) for critical items only. However, the telephone follow-up was not used in 1998–99.

None of the variables used in this report were imputed. In tables A, B, C, D, and 10 through 17 only responding institutions were used in calculating mean and median charges. The number of responding institutions is presented in the tables.

### **The imputation process for Part E: Enrollment and Instructional Activity**

Unlike the other data on the IC survey, the instructional activity data (specifically, the Part E data items on credit hour activity, contact hour activity, and unduplicated headcount) are imputed for partial and total nonresponse to these items. Part E also contains a total fall enrollment headcount.<sup>6</sup> Fall enrollment data are preprinted on the survey form at mailout and are derived from the IPEDS Fall Enrollment Survey 1997-98. If the institution did not respond to the fall enrollment survey, data are imputed. As part of their IC survey response, institutions may correct this item, and if so, the new data are also included on the file. The total fall headcount is also collected from new institutions.

If 12-month unduplicated headcount data were imputed, it is noted on the file for users by the RSTATUS variable. Imputations were performed after all editing was complete. Institutions that did not respond to Part E or provided partial response were flagged for imputation. Prior to beginning the imputation process, certain types of schools were eliminated from the imputation base. These included schools that had merged or split, those that changed sector, and those reporting combined data.

Imputations were performed by first identifying schools with missing or incomplete Part E data. The schools that did respond were grouped according to sector and highest award level (for those with awards above the baccalaureate only) and by calendar system. Group ratios by student level (undergraduate, first-professional, and graduate) were derived by first aggregating the 12-month 1997-98 unduplicated headcount enrollment by student level and the reported fall enrollment from the 1997 fall enrollment survey by student level for each group for all responding institutions. The aggregated totals of the 12-month unduplicated headcount by student level were divided by the aggregated totals of the 1997 fall enrollment by student level to form the group ratios. For each nonresponding institution that reported 1997 fall enrollment data, the fall enrollment count was multiplied by the appropriate group ratios to yield imputed 12-month unduplicated headcount by student level. For nonresponding institutions that also did not respond to the 1997 fall enrollment

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<sup>6</sup> Fall enrollment is the traditional measure of student access to higher education. For most institutions, enrollment is reported as of the institution's official fall reporting data or October 15<sup>th</sup> of the survey year. If the institution does not have a fall term or semester, the report covers **one** day, in the fall, on which the schools is in session.

survey, but reported total 1997 fall enrollment on the 1997-98 IC file, group ratios were derived by first aggregating 12-month 1997-98 unduplicated headcounts by student level and the 1997-98 total fall enrollment reported on the IC file (fall enrollment is not collected by student level on the IC file). The aggregated unduplicated headcount by student level and the aggregated total fall enrollment were divided by the number of institutions reporting these items to form group means. The group means for the 12-month unduplicated headcount by student level were then divided by the group mean of the total fall enrollment to form group ratios by student level. These ratios were then multiplied by the 1997 fall enrollment reported on the IC file for nonresponding institutions to derive imputed 12-month unduplicated headcount by student level. For institutions not responding to either the 1997 fall enrollment survey or the 1997 total fall enrollment item on the 1997-98 IC survey, similar procedures as above were used substituting prior year (1996) fall enrollment data from the previous year's IC file or as a last option imputed data from the 1997 fall enrollment file.

Once unduplicated headcount was imputed for nonresponding institutions, instructional activity was then imputed. For example, credit hour activity for undergraduates was imputed by first aggregating the 12-month credit hour activity, the fall credit hour activity and the unduplicated head count for undergraduates for each time period in each imputation group. A group mean for 12-month credit hour activity was then calculated by dividing the aggregated 12-month credit hours by the number of institutions reporting in the group. A group mean for the total unduplicated undergraduate headcount was calculated in the same manner. A ratio was calculated by dividing the group mean for 12-month credit hour activity by the mean unduplicated headcount. The 12-month credit hour activity was then imputed by multiplying the ratio by the imputed unduplicated headcount for undergraduates. The imputed 12-month credit hour activity for undergraduates was then multiplied by the group ratio of fall credit hour activity to 12-month credit hour activity. This process was repeated to impute for first-professional and graduate credit hour activity and undergraduate contact hour activity.