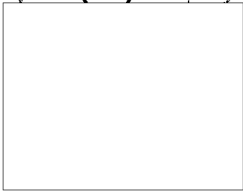

CENTER FOR EDUCATION STATISTICS

E.D.TABS

May 1988

Residence of First-Time Students in Postsecondary Education Institutions, Fall 1986

Contact:
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Highlights

This is the first set of tabulations compiled under the new Integrated Postsecondary Education Data System (IPEDS). The data presented in the tables are from the survey Residence of First-Time Students, 1986.

- Of the approximately 2 million freshmen enrolled for the first time in postsecondary education institutions in the 50 States and the District of Columbia, 86 percent remained in their home state to attend school (table 2).
- Citizens of foreign countries (nearly 81,000) represented 2.6 percent of all first-time students in United States postsecondary education institutions (table 3).
- Tables 1-3 contain selected summary data, by State, for all postsecondary education institutions responding to the survey.
- Tables 4-6 show comparable data for the institutions of higher education (traditionally identified as HEGIS institutions) that are accredited at the college level by an agency recognized by the Secretary of Education.
- Foreign students are included only in tables 3 and 6.
- Tables 7 and 8 provide survey response statistics and include the outlying areas.

STAT

Data Series:
IPEDS 86/87-3.1

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

CS 88-224

Residence of First-Time Students in Postsecondary Education Institutions, Fall 1986

This report presents final data on the residence and migration of first-time students enrolled in postsecondary education institutions in the United States in fall 1986. It also presents data on a subset of these schools, the institutions of higher education which are part of the traditional Higher Education General Information Survey (HEGIS) system and are accredited at the college level by an agency recognized by the Secretary, U.S. Department of Education. Data are presented for all undergraduate students new to the reporting institution, and for all first-time students at the graduate and first-professional levels of study.

Complete data from the survey are available on a data tape that can be purchased by request. A bulletin analyzing some of the survey results will be released soon. Data will include statistics on first-time freshmen including students who graduated from high school during the previous 12 months and who were enrolled in public and private institutions of higher education in fall 1986.

Survey Methodology

The tabular summaries presented in this report are final statistics from the survey Residence of First-Time Students, 1986 conducted by the Center for Education Statistics (CES). This survey was conducted for the first time under the new Integrated Postsecondary Education Data System (IPEDS), and data will be collected biennially hereafter.

For this survey, CES requested data on the State of residence of all degree-seeking students enrolled for the first time at any level in 4-year public and private, and 2-year public and private nonprofit postsecondary education institutions in the fall of 1986. The 2-year private-for-profit institutions in the IPEDS universe were not surveyed. The student levels include: undergraduates (first-time freshmen, students graduating from high school within the past 12 months, and transfer students), first-professionals, and graduate-level students. The survey also requested the location of the institutions' out-of-State centers if applicable.

Survey data (see survey form on next page) were edited for internal consistency; i.e., detailed data, by State, added to the total for each column. If the totals were missing on the survey forms, the computer-generated totals were used and flagged as such. Data were also checked to ensure that the total freshmen count (column 1) was greater than (or equal to) the number of students who graduated from high school within the previous 12 months (column 2).

RESIDENCE OF FIRST-TIME STUDENTS

1986

R1
Page 1 of 2
Form Approved
OMB No. 1850-0582
Approval Expires 12/88

Identification No.

Name of Respondent:

Title:

Phone Number:

State of Residence When Student Was First Admitted at This Student Level	FIPS CODE	Degree Seeking Students Enrolled For the First Time				Location of Out-of-State Centers (Check Each State) (6)	
		Undergraduates			First-Professionals (4)		Graduate-level Students (5)
		Total First-time Freshmen (1)	From col (1), those Graduated from High School in past 12 months (2)	Transfers (3)			
Alabama	01						
Alaska	02						
Arizona	04						
Arkansas	05						
California	06						
Colorado	08						
Connecticut	09						
Delaware	10						
Dist. of Columbia	11						

The totals reported for first-time freshmen, first-time first-professionals, and first-time graduate students were compared with the totals reported on the Fall Enrollment survey, another component of IPEDS. Discrepancies were checked with the respondents. In some cases the discrepancies were left unresolved because the institutions were unable to resolve the reporting differences between the surveys; thus the analyst is cautioned in the use of these data.

The institutions were instructed to enumerate, on the survey form, their first-time students at the undergraduate, first-professional, and graduate levels according to their State of residence. For example, the number of first-time, degree-seeking freshmen whose State of residence was Alabama was reported on row (10) and in column (1); and the number of first-time, degree-seeking graduate students from California was reported on row (6) and in column (5).

The Residence of First-Time Students survey was mailed during September 1986 to 5,126 2-year and 4-year postsecondary education institutions. Analysis of the returned survey forms resulted in deleting 398 institutions from this survey universe. The institutions that were deleted had closed, did not offer postsecondary education programs, were duplicated on the file, or were not eligible for the residence survey. Therefore, the final universe for the survey was 4,728 institutions (table A).

Table A.--Residence survey response totals

<u>Level</u>	<u>Mailed</u>	<u>Responded</u>	<u>Deleted</u>	<u>Final universe</u>	<u>Percent response</u>
Total	5,126	3,419	398	4,728	72.3
4-yr.	2,910	2,027	140	2,770	73.2
2-yr.	2,216	1,392	258	1,958	71.1

The total response rate of 72.3 percent was based on the ratio of 3,419 respondents to the final universe of 4,728 institutions (2,770 4-year and above institutions and 1,958 2-year institutions). Detailed response rates by State and HEGIS status are shown in Table 7. The overall response rate for HEGIS schools was much higher (86 percent) than that of non-HEGIS schools (42 percent). Table 8 is included to show the percent of first-time freshmen enrollment that is represented by the responding institutions. Only two States, Colorado and Ohio, had response rates of less than 70 percent as weighted by first-time freshmen enrollment.

Tables Explanation

Tables 1 through 3 show the residence data for all responding postsecondary education institutions in the survey universe. Tables 4 through 6 show the same data for institutions of higher education (HEGIS institutions). Data on foreign students are shown only in tables 3 and 6. Data for the United States Service Schools are included with the State in which they are located and treated similarly to the data from all other institutions. Tables 1 through 6 are limited to the data reported by 3,368 postsecondary education institutions in the 50 States and the District of Columbia. Caution is urged when using data in these tables because imputations were not made for nonresponses. Students who were enrolled in institutions in the outlying areas, and students from the outlying areas enrolled in institutions in the 50 States and the District of Columbia, are included in tables 7 and 8.

For the tabular summaries presented in this report, the table titles identify the particular classification of students and the institutions included in the table. The numbers in each column for each State represent the following:

1. Students enrolled in State - All students enrolled in a given State regardless of their State of residence.
2. State residents enrolled in any State - All the student residents of a given State regardless of the State in which they are enrolled.
3. State residents enrolled in their home State - All the students enrolled in a given State who are also residents of that State.

4. Ratio of State residents enrolled in their home State to all students enrolled in the State - Ratio of column (3) to column (1).
5. Ratio of State residents enrolled in their home State to State residents enrolled in any State - Ratio of column (3) to column (2).
6. Migration into State - The number of students that come into a given State from other States.
7. Migration out of State - The number of students that leave a given State to attend college in other States.
8. Net migration - The difference between the number of students that came into a given State (column 6) and the number that left the same State (column 7).

Definitions

Degree-seeking students. Students enrolled in courses for credit who are recognized by the institution as earning credit toward a degree or formal award. At the undergraduate level, this is intended to include students enrolled in vocational or occupational programs.

First-professional student. A student enrolled in any of the following degree programs:

Chiropractic (D.C. or D.C.M.)	Pharmacy (D.Pharm.)
Dentistry (D.D.S. or D.M.D.)	Podiatry (Pod.D. or D.P.)
Medicine (M.D.)	Veterinary Medicine (D.V.M.)
Optometry (O.D.)	Law (L.L.B. or J.D.)
Osteopathic Medicine (D.O.)	Theology (M.Div. or M.H.L. or B.D.)

First-time first-professional student. A student enrolled for the first time in a first-professional degree program. Includes first-professional students enrolled in the fall term who entered the institution in the prior summer term.

First-time freshman. An entering freshman who has never attended any college. Includes students enrolled in the fall term who attended any college for the first time in the prior summer term. Also includes students who entered with advanced standing (college credits earned before graduation from high school).

First-time graduate-level student. A student enrolled at the graduate level for the first time. Includes graduate students enrolled in the fall term who attended graduate school in the prior summer term.

First-time student. An undergraduate student attending the reporting institution for the first time; or a student entering either a graduate or first-professional level program for the first time.

Higher education institution. An institution accredited at the college level by an agency recognized by the Secretary, U.S. Department of Education (traditionally a HEGIS institution).

Postsecondary education institution. An institution that provides a formal instructional program(s) whose curriculum is designed primarily for students who have completed the requirements for a high school diploma or its equivalent. Included are institutions whose mission is to provide academic, vocational, and continuing professional education and excluded are institutions that provide only avocational and adult basic education programs.

State of residence. A person's permanent address as determined by such evidence as a driver's license or voter registration. For entering freshmen, residence may be the legal residence of a parent or guardian.

State unknown. Status used when the reporting institution is unable to determine from existing records the home State or State of residence of the student.

Transfer student. An undergraduate student entering the reporting institution for the first time but who is known to have previously attended a postsecondary institution at the same level.

Undergraduate student. A student enrolled in a 4- or 5-year bachelor's degree program, in an associate degree program, or in a vocational or technical program below the baccalaureate level.

The definitions and instructions for compiling IPEDS data have been designed to minimize comparability problems. However, postsecondary education institutions differ widely among themselves. As a result of these differences, comparisons of data provided by individual institutions may be misleading.

Acknowledgments

The author wishes to acknowledge the valuable contributions of the review panel: Sheila Drews, Office of Postsecondary Research and Assistance, D.C. Public Schools; Mary Golladay, National Science Foundation; and Curtis Baker and Paula Knepper, Center for Education Statistics. Summer Whitener, Center for Education Statistics, assisted in the preparation of the tables.

Table 1.--Residence and migration of all first-time students in postsecondary education institutions, by State:
Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	3,118,761	3,118,761	2,643,420	0.85	0.85	475,341	475,341	0
Alabama.....	48,625	43,043	38,888	0.80	0.90	4,155	9,737	5,582
Alaska.....	2,569	5,059	2,184	0.85	0.43	2,875	385	-2,490
Arizona.....	140,889	128,887	125,041	0.89	0.97	3,846	15,848	12,002
Arkansas.....	21,854	22,419	18,507	0.85	0.83	3,912	3,347	-565
California.....	469,562	453,511	432,268	0.92	0.95	21,243	37,294	16,051
Colorado 1/.....	2,887	9,163	1,073	0.37	0.12	8,090	1,814	-6,276
Connecticut.....	42,191	50,401	34,152	0.81	0.68	16,249	8,039	-8,210
Delaware.....	8,818	7,695	5,343	0.61	0.69	2,352	3,475	1,123
District of Columbia...	17,980	6,979	4,037	0.22	0.58	2,942	13,943	11,001
Florida.....	102,238	101,766	85,690	0.84	0.84	16,076	16,548	472
Georgia.....	57,707	56,568	47,309	0.82	0.84	9,259	10,398	1,139
Hawaii.....	14,850	15,669	12,963	0.87	0.83	2,706	1,887	-819
Idaho.....	12,453	11,208	8,226	0.66	0.73	2,982	4,227	1,245
Illinois.....	165,650	171,062	146,084	0.88	0.85	24,978	19,566	-5,412
Indiana.....	55,025	49,806	42,548	0.77	0.85	7,258	12,477	5,219
Iowa.....	43,162	42,251	35,360	0.82	0.84	6,891	7,802	911
Kansas.....	36,808	34,562	30,348	0.82	0.88	4,214	6,460	2,246
Kentucky.....	34,365	33,727	29,230	0.85	0.87	4,497	5,135	638
Louisiana.....	46,366	44,903	40,126	0.87	0.89	4,777	6,240	1,463
Maine.....	12,702	13,677	10,147	0.80	0.74	3,530	2,555	-975
Maryland.....	65,050	68,516	53,719	0.83	0.78	14,797	11,331	-3,466
Massachusetts.....	99,518	88,036	71,012	0.71	0.81	17,024	28,506	11,482
Michigan.....	134,165	135,575	124,334	0.93	0.92	11,241	9,831	-1,410
Minnesota.....	64,035	65,086	54,140	0.85	0.83	10,946	9,895	-1,051
Mississippi.....	33,355	32,352	29,255	0.88	0.90	3,097	4,100	1,003
Missouri.....	56,705	52,574	44,208	0.78	0.84	8,366	12,497	4,131
Montana.....	8,421	9,751	7,333	0.87	0.75	2,418	1,088	-1,330
Nebraska.....	26,543	26,822	23,355	0.88	0.87	3,467	3,188	-279
Nevada.....	9,090	10,235	8,070	0.89	0.79	2,165	1,020	-1,145
New Hampshire.....	11,267	10,841	6,181	0.55	0.57	4,660	5,086	426
New Jersey.....	70,312	99,298	63,088	0.90	0.64	36,210	7,224	-28,986
New Mexico.....	13,631	13,837	10,936	0.80	0.79	2,901	2,695	-206
New York.....	221,115	228,695	189,969	0.86	0.83	38,726	31,146	-7,580
North Carolina.....	91,852	80,287	74,744	0.81	0.93	5,543	17,108	11,565
North Dakota.....	11,483	11,215	8,747	0.76	0.78	2,468	2,736	268
Ohio 1/.....	104,111	106,145	90,855	0.87	0.86	15,290	13,256	-2,034
Oklahoma.....	31,236	32,835	28,663	0.92	0.87	4,172	2,573	-1,599
Oregon.....	35,914	34,295	29,883	0.83	0.87	4,412	6,031	1,619
Pennsylvania.....	123,987	120,597	98,968	0.80	0.82	21,629	25,019	3,390
Rhode Island.....	16,589	11,457	7,938	0.48	0.69	3,519	8,651	5,132
South Carolina.....	37,652	35,518	30,861	0.82	0.87	4,657	6,791	2,134
South Dakota.....	9,073	9,410	7,073	0.78	0.75	2,337	2,000	-337
Tennessee.....	47,145	42,795	36,590	0.78	0.86	6,205	10,555	4,350
Texas.....	182,805	177,763	166,696	0.91	0.94	11,067	16,109	5,042
Utah.....	21,013	16,914	14,686	0.70	0.87	2,228	6,327	4,099
Vermont.....	8,646	6,107	3,867	0.45	0.63	2,240	4,779	2,539
Virginia.....	53,993	54,429	40,698	0.75	0.75	13,731	13,295	-436
Washington.....	94,709	92,320	84,869	0.90	0.92	7,451	9,840	2,389
West Virginia.....	20,384	18,792	16,032	0.79	0.85	2,760	4,352	1,592
Wisconsin.....	72,070	69,909	61,845	0.86	0.88	8,064	10,225	2,161
Wyoming.....	6,191	6,946	5,281	0.85	0.76	1,665	910	-755
State unknown 2/.....	0	47,053	0	--	--	47,053	0	-47,053

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 1a.--Residence and migration of all first-time students in 4-year and above postsecondary education institutions, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	1,775,254	1,775,254	1,374,734	0.77	0.77	400,520	400,520	0
Alabama.....	28,144	22,962	19,587	0.70	0.85	3,375	8,557	5,182
Alaska.....	2,382	4,424	1,997	0.84	0.45	2,427	385	-2,042
Arizona.....	23,706	17,020	13,776	0.58	0.81	3,244	9,930	6,686
Arkansas.....	16,200	16,297	13,536	0.84	0.83	2,761	2,664	-97
California.....	139,276	140,394	121,826	0.87	0.87	18,568	17,450	-1,118
Colorado 1/.....	2,686	7,934	946	0.35	0.12	6,988	1,740	-5,248
Connecticut.....	28,153	35,255	20,417	0.73	0.58	14,838	7,736	-7,102
Delaware.....	6,352	5,213	3,028	0.48	0.58	2,185	3,324	1,139
District of Columbia...	17,980	6,630	4,037	0.22	0.61	2,593	13,943	11,350
Florida.....	50,373	52,252	38,034	0.76	0.73	14,218	12,339	-1,879
Georgia.....	41,484	40,204	32,327	0.78	0.80	7,877	9,157	1,280
Hawaii.....	7,678	8,491	6,095	0.79	0.72	2,396	1,583	-813
Idaho.....	6,101	7,130	4,642	0.76	0.65	2,488	1,459	-1,029
Illinois.....	94,449	98,121	75,391	0.80	0.77	22,730	19,058	-3,672
Indiana.....	47,385	41,336	35,123	0.74	0.85	6,213	12,262	6,049
Iowa.....	25,944	25,112	19,009	0.73	0.76	6,103	6,935	832
Kansas.....	21,234	19,830	16,100	0.76	0.81	3,730	5,134	1,404
Kentucky.....	26,192	25,269	21,255	0.81	0.84	4,014	4,937	923
Louisiana.....	38,456	36,129	32,274	0.84	0.89	3,855	6,182	2,327
Maine.....	10,636	11,276	8,133	0.76	0.72	3,143	2,503	-640
Maryland.....	34,568	37,956	24,028	0.70	0.63	13,928	10,540	-3,388
Massachusetts.....	74,415	65,030	48,983	0.66	0.75	16,047	25,432	9,385
Michigan.....	76,804	78,245	68,262	0.89	0.87	9,983	8,542	-1,441
Minnesota.....	36,702	38,574	28,647	0.78	0.74	9,927	8,055	-1,872
Mississippi.....	15,065	14,822	12,080	0.80	0.82	2,742	2,985	243
Missouri.....	45,287	40,859	33,485	0.74	0.82	7,374	11,802	4,428
Montana.....	7,385	8,189	6,368	0.86	0.78	1,821	1,017	-804
Nebraska.....	17,300	17,406	14,441	0.83	0.83	2,965	2,859	-106
Nevada.....	4,769	5,524	3,905	0.82	0.71	1,619	864	-755
New Hampshire.....	9,450	8,263	4,636	0.49	0.56	3,627	4,814	1,187
New Jersey.....	45,500	73,621	39,299	0.86	0.53	34,322	6,201	-28,121
New Mexico.....	8,600	8,884	6,700	0.78	0.75	2,184	1,900	-284
New York.....	161,012	167,708	131,537	0.82	0.78	36,171	29,475	-6,696
North Carolina.....	51,623	42,240	37,344	0.72	0.88	4,896	14,279	9,383
North Dakota.....	7,664	7,124	5,386	0.70	0.76	1,738	2,278	540
Ohio 1/.....	79,532	80,337	66,757	0.84	0.83	13,580	12,775	-805
Oklahoma.....	18,000	18,959	15,726	0.87	0.83	3,233	2,274	-959
Oregon.....	21,426	20,197	16,422	0.77	0.81	3,775	5,004	1,229
Pennsylvania.....	89,413	85,538	65,781	0.74	0.77	19,757	23,632	3,875
Rhode Island.....	13,931	8,615	5,586	0.40	0.65	3,029	8,345	5,316
South Carolina.....	23,561	21,184	17,258	0.73	0.81	3,926	6,303	2,377
South Dakota.....	7,931	7,866	6,005	0.76	0.76	1,861	1,926	65
Tennessee.....	33,774	29,086	23,689	0.70	0.81	5,397	10,085	4,688
Texas.....	104,237	102,535	92,973	0.89	0.91	9,562	11,264	1,702
Utah.....	18,116	13,410	11,996	0.66	0.89	1,414	6,120	4,706
Vermont.....	7,108	4,526	2,656	0.37	0.59	1,870	4,452	2,582
Virginia.....	36,871	37,613	25,036	0.68	0.67	12,577	11,835	-742
Washington.....	27,658	28,920	22,776	0.82	0.79	6,144	4,882	-1,262
West Virginia.....	15,510	13,912	11,717	0.76	0.84	2,195	3,793	1,598
Wisconsin.....	44,906	42,837	35,905	0.80	0.84	6,932	9,001	2,069
Wyoming.....	2,325	3,152	1,817	0.78	0.58	1,335	508	-827
State unknown 2/.....	0	20,843	0	--	--	20,843	0	-20,843

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 1b.--Residence and migration of all first-time students in 2- but less than 4-year postsecondary education institutions, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	1,343,507	1,343,507	1,268,686	0.94	0.94	74,821	74,821	0
Alabama.....	20,481	20,081	19,301	0.94	0.96	780	1,180	400
Alaska.....	187	635	187	1.00	0.29	448	0	-448
Arizona.....	117,183	111,867	111,265	0.95	0.99	602	5,918	5,316
Arkansas.....	5,654	6,122	4,971	0.88	0.81	1,151	683	-468
California.....	330,286	313,117	310,442	0.94	0.99	2,675	19,844	17,169
Colorado 1/.....	201	1,229	127	0.63	0.10	1,102	74	-1,028
Connecticut.....	14,038	15,146	13,735	0.98	0.91	1,411	303	-1,108
Delaware.....	2,466	2,482	2,315	0.94	0.93	167	151	-16
District of Columbia...	0	349	0	0.00	0.00	0	0	0
Florida.....	51,865	49,514	47,656	0.92	0.96	1,858	4,209	2,351
Georgia.....	16,223	16,364	14,982	0.92	0.92	1,382	1,241	-141
Hawaii.....	7,172	7,178	6,868	0.96	0.96	310	304	-6
Idaho.....	6,352	4,078	3,584	0.56	0.88	494	2,768	2,274
Illinois.....	71,201	72,941	70,693	0.99	0.97	2,248	508	-1,740
Indiana.....	7,640	8,470	7,425	0.97	0.88	1,045	215	-830
Iowa.....	17,218	17,139	16,351	0.95	0.95	788	867	79
Kansas.....	15,574	14,732	14,248	0.91	0.97	484	1,326	842
Kentucky.....	8,173	8,458	7,975	0.98	0.94	483	198	-285
Louisiana.....	7,910	8,774	7,852	0.99	0.89	922	58	-864
Maine.....	2,066	2,401	2,014	0.97	0.84	387	52	-335
Maryland.....	30,482	30,560	29,691	0.97	0.97	869	791	-78
Massachusetts.....	25,103	23,006	22,029	0.88	0.96	977	3,074	2,097
Michigan.....	57,361	57,330	56,072	0.98	0.98	1,258	1,289	31
Minnesota.....	27,333	26,512	25,493	0.93	0.96	1,019	1,840	821
Mississippi.....	18,290	17,530	17,175	0.94	0.98	355	1,115	760
Missouri.....	11,418	11,715	10,723	0.94	0.92	992	695	-297
Montana.....	1,036	1,562	965	0.93	0.62	597	71	-526
Nebraska.....	9,243	9,416	8,914	0.96	0.95	502	329	-173
Nevada.....	4,321	4,711	4,165	0.96	0.88	546	156	-390
New Hampshire.....	1,817	2,578	1,545	0.85	0.60	1,033	272	-761
New Jersey.....	24,812	25,677	23,789	0.96	0.93	1,888	1,023	-865
New Mexico.....	5,031	4,953	4,236	0.84	0.86	717	795	78
New York.....	60,103	60,987	58,432	0.97	0.96	2,555	1,671	-884
North Carolina.....	40,229	38,047	37,400	0.93	0.98	647	2,829	2,182
North Dakota.....	3,819	4,091	3,361	0.88	0.82	730	458	-272
Ohio 1/.....	24,579	25,808	24,098	0.98	0.93	1,710	481	-1,229
Oklahoma.....	13,236	13,876	12,937	0.98	0.93	939	299	-640
Oregon.....	14,488	14,098	13,461	0.93	0.95	637	1,027	390
Pennsylvania.....	34,574	35,059	33,187	0.96	0.95	1,872	1,387	-485
Rhode Island.....	2,658	2,842	2,352	0.88	0.83	490	306	-184
South Carolina.....	14,091	14,334	13,603	0.97	0.95	731	488	-243
South Dakota.....	1,142	1,544	1,068	0.94	0.69	476	74	-402
Tennessee.....	13,371	13,709	12,901	0.96	0.94	808	470	-338
Texas.....	78,568	75,228	73,723	0.94	0.98	1,505	4,845	3,340
Utah.....	2,897	3,504	2,690	0.93	0.77	814	207	-607
Vermont.....	1,538	1,581	1,211	0.79	0.77	370	327	-43
Virginia.....	17,122	16,816	15,662	0.91	0.93	1,154	1,460	306
Washington.....	67,051	63,400	62,093	0.93	0.98	1,307	4,958	3,651
West Virginia.....	4,874	4,880	4,315	0.89	0.88	565	559	-6
Wisconsin.....	27,164	27,072	25,940	0.95	0.96	1,132	1,224	92
Wyoming.....	3,866	3,794	3,464	0.90	0.91	330	402	72
State unknown 2/.....	0	26,210	0	--	--	26,210	0	-26,210

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 2.--Residence and migration of first-time freshmen in postsecondary education institutions, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	2,018,073	2,018,073	1,726,724	0.86	0.86	291,349	291,349	0
Alabama.....	34,160	30,446	28,113	0.82	0.92	2,333	6,047	3,714
Alaska.....	1,367	2,858	1,225	0.90	0.43	1,633	142	-1,491
Arizona.....	61,987	56,012	53,949	0.87	0.96	2,063	8,038	5,975
Arkansas.....	14,120	14,686	12,220	0.87	0.83	2,466	1,900	-566
California.....	266,386	259,093	248,401	0.93	0.96	10,692	17,985	7,293
Colorado 1/.....	2,419	5,841	716	0.30	0.12	5,125	1,703	-3,422
Connecticut.....	29,495	35,788	23,724	0.80	0.66	12,064	5,771	-6,293
Delaware.....	7,320	5,885	4,399	0.60	0.75	1,486	2,921	1,435
District of Columbia...	9,288	4,579	2,875	0.31	0.63	1,704	6,413	4,709
Florida.....	65,853	65,342	55,416	0.84	0.85	9,926	10,437	511
Georgia.....	36,499	37,048	30,579	0.84	0.83	6,469	5,920	-549
Hawaii.....	8,594	9,154	7,518	0.87	0.82	1,636	1,076	-560
Idaho.....	9,077	7,474	5,819	0.64	0.78	1,655	3,258	1,603
Illinois.....	103,187	113,167	96,531	0.94	0.85	16,636	6,656	-9,980
Indiana.....	41,392	37,175	32,845	0.79	0.88	4,330	8,547	4,217
Iowa.....	30,150	29,159	25,345	0.84	0.87	3,814	4,805	991
Kansas.....	25,170	23,235	21,303	0.85	0.92	1,932	3,867	1,935
Kentucky.....	23,511	23,037	20,404	0.87	0.89	2,633	3,107	474
Louisiana.....	33,296	32,176	29,302	0.88	0.91	2,874	3,994	1,120
Maine.....	8,515	9,009	6,472	0.76	0.72	2,537	2,043	-494
Maryland.....	40,252	43,844	34,338	0.85	0.78	9,506	5,914	-3,592
Massachusetts.....	68,922	60,758	48,823	0.71	0.80	11,935	20,099	8,164
Michigan.....	90,542	91,253	84,813	0.94	0.93	6,440	5,729	-711
Minnesota.....	46,362	46,707	39,765	0.86	0.85	6,942	6,597	-345
Mississippi.....	24,313	22,913	21,434	0.88	0.94	1,479	2,879	1,400
Missouri.....	35,314	33,789	28,909	0.82	0.86	4,880	6,405	1,525
Montana.....	5,615	6,630	5,112	0.91	0.77	1,518	503	-1,015
Nebraska.....	17,655	17,771	15,712	0.89	0.88	2,059	1,943	-116
Nevada.....	6,377	7,300	5,978	0.94	0.82	1,322	399	-923
New Hampshire.....	8,032	7,403	4,032	0.50	0.54	3,371	4,000	629
New Jersey.....	42,451	64,526	39,053	0.92	0.61	25,473	3,398	-22,075
New Mexico.....	8,654	9,119	7,408	0.86	0.81	1,711	1,246	-465
New York.....	137,214	143,467	118,283	0.86	0.82	25,184	18,931	-6,253
North Carolina.....	66,076	57,629	54,633	0.83	0.95	2,996	11,443	8,447
North Dakota.....	8,027	7,542	6,169	0.77	0.82	1,373	1,858	485
Ohio 1/.....	72,288	72,930	63,154	0.87	0.87	9,776	9,134	-642
Oklahoma.....	27,278	27,622	25,346	0.93	0.92	2,276	1,932	-344
Oregon.....	22,753	21,949	19,332	0.85	0.88	2,617	3,421	804
Pennsylvania.....	86,434	82,832	68,855	0.80	0.83	13,977	17,579	3,602
Rhode Island.....	12,377	7,773	5,386	0.44	0.69	2,387	6,991	4,604
South Carolina.....	27,691	25,848	22,946	0.83	0.89	2,902	4,745	1,843
South Dakota.....	6,794	6,844	5,357	0.79	0.78	1,487	1,437	-50
Tennessee.....	31,445	28,675	24,668	0.78	0.86	4,007	6,777	2,770
Texas.....	110,541	107,973	101,746	0.92	0.94	6,227	8,795	2,568
Utah.....	14,234	11,135	10,002	0.70	0.90	1,133	4,232	3,099
Vermont.....	6,761	4,362	2,855	0.42	0.65	1,507	3,906	2,399
Virginia.....	38,472	37,250	29,085	0.76	0.78	8,165	9,387	1,222
Washington.....	69,847	67,652	63,416	0.91	0.94	4,236	6,431	2,195
West Virginia.....	14,320	13,086	11,370	0.79	0.87	1,716	2,950	1,234
Wisconsin.....	54,722	52,601	47,688	0.87	0.91	4,913	7,034	2,121
Wyoming.....	4,524	4,867	3,900	0.86	0.80	967	624	-343
State unknown 2/.....	0	22,859	0	--	--	22,859	0	-22,859

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 2a.--Residence and migration of first-time freshmen in 4-year and above postsecondary education institutions, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	1,016,325	1,016,325	777,627	0.77	0.77	238,698	238,698	0
Alabama.....	16,419	13,131	11,324	0.69	0.86	1,807	5,095	3,288
Alaska.....	1,180	2,367	1,038	0.88	0.44	1,329	142	-1,187
Arizona.....	10,785	7,736	6,064	0.56	0.78	1,672	4,721	3,049
Arkansas.....	9,983	9,856	8,375	0.84	0.85	1,481	1,608	127
California.....	61,321	64,278	55,173	0.90	0.86	9,105	6,148	-2,957
Colorado 1/.....	2,253	4,941	595	0.26	0.12	4,346	1,658	-2,688
Connecticut.....	16,284	21,643	10,793	0.66	0.50	10,850	5,491	-5,359
Delaware.....	5,066	3,638	2,283	0.45	0.63	1,355	2,783	1,428
District of Columbia...	9,288	4,294	2,875	0.31	0.67	1,419	6,413	4,994
Florida.....	24,236	24,932	16,324	0.67	0.65	8,608	7,912	-696
Georgia.....	23,455	23,685	18,245	0.78	0.77	5,440	5,210	-230
Hawaii.....	4,103	4,598	3,172	0.77	0.69	1,426	931	-495
Idaho.....	3,535	3,953	2,669	0.76	0.68	1,284	866	-418
Illinois.....	43,637	52,530	37,394	0.86	0.71	15,136	6,243	-8,893
Indiana.....	34,252	29,425	25,891	0.76	0.88	3,534	8,361	4,827
Iowa.....	15,097	14,295	11,029	0.73	0.77	3,266	4,068	802
Kansas.....	11,720	10,601	8,967	0.77	0.85	1,634	2,753	1,119
Kentucky.....	17,008	16,326	14,046	0.83	0.86	2,280	2,962	682
Louisiana.....	26,505	24,737	22,552	0.85	0.91	2,185	3,953	1,768
Maine.....	6,847	7,055	4,841	0.71	0.69	2,214	2,006	-208
Maryland.....	15,853	19,444	10,581	0.67	0.54	8,863	5,272	-3,591
Massachusetts.....	46,530	40,482	29,266	0.63	0.72	11,216	17,264	6,048
Michigan.....	41,906	42,981	37,369	0.89	0.87	5,612	4,537	-1,075
Minnesota.....	22,565	23,764	17,545	0.78	0.74	6,219	5,020	-1,199
Mississippi.....	8,168	7,524	6,260	0.77	0.83	1,264	1,908	644
Missouri.....	25,719	24,014	19,813	0.77	0.83	4,201	5,906	1,705
Montana.....	4,804	5,398	4,325	0.90	0.80	1,073	479	-594
Nebraska.....	9,949	10,048	8,298	0.83	0.83	1,750	1,651	-99
Nevada.....	2,853	3,448	2,516	0.88	0.73	932	337	-595
New Hampshire.....	6,687	5,347	2,901	0.43	0.54	2,446	3,786	1,340
New Jersey.....	21,488	42,979	19,022	0.89	0.44	23,957	2,466	-21,491
New Mexico.....	5,498	5,814	4,668	0.85	0.80	1,146	830	-316
New York.....	85,967	91,773	68,374	0.80	0.75	23,399	17,593	-5,806
North Carolina.....	33,255	26,194	23,650	0.71	0.90	2,544	9,605	7,061
North Dakota.....	4,856	4,169	3,334	0.69	0.80	835	1,522	687
Ohio 1/.....	52,354	52,324	43,615	0.83	0.83	8,709	8,739	30
Oklahoma.....	14,042	14,109	12,409	0.88	0.88	1,700	1,633	-67
Oregon.....	10,186	9,752	7,561	0.74	0.78	2,191	2,625	434
Pennsylvania.....	55,864	52,144	39,524	0.71	0.76	12,620	16,340	3,720
Rhode Island.....	10,145	5,353	3,396	0.33	0.63	1,957	6,749	4,792
South Carolina.....	15,435	13,487	11,096	0.72	0.82	2,391	4,339	1,948
South Dakota.....	5,778	5,494	4,395	0.76	0.80	1,099	1,383	284
Tennessee.....	21,576	18,567	15,151	0.70	0.82	3,416	6,425	3,009
Texas.....	55,064	54,626	49,340	0.90	0.90	5,286	5,724	438
Utah.....	11,337	7,849	7,312	0.65	0.93	537	4,025	3,488
Vermont.....	5,342	2,957	1,730	0.32	0.59	1,227	3,612	2,385
Virginia.....	24,104	23,210	15,889	0.66	0.68	7,321	8,215	894
Washington.....	13,989	14,853	11,623	0.83	0.78	3,230	2,366	-864
West Virginia.....	10,495	9,174	7,887	0.75	0.86	1,287	2,608	1,321
Wisconsin.....	30,161	28,118	24,042	0.80	0.86	4,076	6,119	2,043
Wyoming.....	1,381	1,811	1,085	0.79	0.60	726	296	-430
State unknown 2/.....	0	5,097	0	--	--	5,097	0	-5,097

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is. NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 2b.--Residence and migration of first-time freshmen in 2- but less than 4-year postsecondary education institutions, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C....	1,001,748	1,001,748	949,097	0.95	0.95	52,651	52,651	0
Alabama.....	17,741	17,315	16,789	0.95	0.97	526	952	426
Alaska.....	187	491	187	1.00	0.38	304	0	-304
Arizona.....	51,202	48,276	47,885	0.94	0.99	391	3,317	2926
Arkansas.....	4,137	4,830	3,845	0.93	0.80	985	292	-693
California.....	205,065	194,815	193,228	0.94	0.99	1,587	11,837	10,250
Colorado 1/.....	166	900	121	0.73	0.13	779	45	-734
Connecticut.....	13,211	14,145	12,931	0.98	0.91	1,214	280	-934
Delaware.....	2,254	2,247	2,116	0.94	0.94	131	138	7
District of Columbia...	0	285	0	0.00	0.00	0	0	0
Florida.....	41,617	40,410	39,092	0.94	0.97	1,318	2,525	1,207
Georgia.....	13,044	13,363	12,334	0.95	0.92	1,029	710	-319
Hawaii.....	4,491	4,556	4,346	0.97	0.95	210	145	-65
Idaho.....	5,542	3,521	3,150	0.57	0.89	371	2,392	2,021
Illinois.....	59,550	60,637	59,137	0.99	0.98	1,500	413	-1,087
Indiana.....	7,140	7,750	6,954	0.97	0.90	796	186	-610
Iowa.....	15,053	14,864	14,316	0.95	0.96	548	737	189
Kansas.....	13,450	12,634	12,336	0.92	0.98	298	1,114	816
Kentucky.....	6,503	6,711	6,358	0.98	0.95	353	145	-208
Louisiana.....	6,791	7,439	6,750	0.99	0.91	689	41	-648
Maine.....	1,668	1,954	1,631	0.98	0.83	323	37	-286
Maryland.....	24,399	24,400	23,757	0.97	0.97	643	642	-1
Massachusetts.....	22,392	20,276	19,557	0.87	0.96	719	2,835	2,116
Michigan.....	48,636	48,272	47,444	0.98	0.98	828	1,192	364
Minnesota.....	23,797	22,943	22,220	0.93	0.97	723	1,577	854
Mississippi.....	16,145	15,389	15,174	0.94	0.99	215	971	756
Missouri.....	9,595	9,775	9,096	0.95	0.93	679	499	-180
Montana.....	811	1,232	787	0.97	0.64	445	24	-421
Nebraska.....	7,706	7,723	7,414	0.96	0.96	309	292	-17
Nevada.....	3,524	3,852	3,462	0.98	0.90	390	62	-328
New Hampshire.....	1,345	2,056	1,131	0.84	0.55	925	214	-711
New Jersey.....	20,963	21,547	20,031	0.96	0.93	1,516	932	-584
New Mexico.....	3,156	3,305	2,740	0.87	0.83	565	416	-149
New York.....	51,247	51,694	49,909	0.97	0.97	1,785	1,338	-447
North Carolina.....	32,821	31,435	30,983	0.94	0.99	452	1,838	1,386
North Dakota.....	3,171	3,373	2,835	0.89	0.84	538	336	-202
Ohio 1/.....	19,934	20,606	19,539	0.98	0.95	1,067	395	-672
Oklahoma.....	13,236	13,513	12,937	0.98	0.96	576	299	-277
Oregon.....	12,567	12,197	11,771	0.94	0.97	426	796	370
Pennsylvania.....	30,570	30,688	29,331	0.96	0.96	1,357	1,239	-118
Rhode Island.....	2,232	2,420	1,990	0.89	0.82	430	242	-188
South Carolina.....	12,256	12,361	11,850	0.97	0.96	511	406	-105
South Dakota.....	1,016	1,350	962	0.95	0.71	388	54	-334
Tennessee.....	9,869	10,108	9,517	0.96	0.94	591	352	-239
Texas.....	55,477	53,347	52,406	0.94	0.98	941	3,071	2,130
Utah.....	2,897	3,286	2,690	0.93	0.82	596	207	-389
Vermont.....	1,419	1,405	1,125	0.79	0.80	280	294	14
Virginia.....	14,368	14,040	13,196	0.92	0.94	844	1,172	328
Washington.....	55,858	52,799	51,793	0.93	0.98	1,006	4,065	3,059
West Virginia.....	3,825	3,912	3,483	0.91	0.89	429	342	-87
Wisconsin.....	24,561	24,483	23,646	0.96	0.97	837	915	78
Wyoming.....	3,143	3,056	2,815	0.90	0.92	241	328	87
State unknown 2/.....	0	17,762	0	--	--	17,762	0	-17,762

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 3.--Students from foreign countries enrolled in postsecondary education institutions, by level of enrollment and State of attendance: Fall 1986

State	All foreign students enrolled	Foreign students, by level			
		First-time freshmen	Undergraduate transfer students	First-professional students	Graduate students
50 States and D.C.....	80,873	28,040	19,952	1,211	31,670
Alabama.....	666	258	163	5	240
Alaska.....	44	24	7	0	13
Arizona.....	1,606	776	408	4	418
Arkansas.....	428	168	171	0	89
California.....	17,759	7,096	6,530	194	3,939
Colorado*.....	54	40	9	2	3
Connecticut.....	1,066	256	102	12	696
Delaware.....	156	55	19	0	82
District of Columbia.....	2,332	933	506	46	847
Florida.....	4,330	2,024	1,615	28	663
Georgia.....	1,293	392	240	42	619
Hawaii.....	836	537	205	0	94
Idaho.....	247	161	48	0	38
Illinois.....	2,907	620	556	87	1,644
Indiana.....	1,632	447	305	22	858
Iowa.....	1,296	367	369	38	522
Kansas.....	855	255	192	4	404
Kentucky.....	393	153	75	9	156
Louisiana.....	1,036	308	312	20	396
Maine.....	120	55	20	2	43
Maryland.....	1,571	374	254	13	930
Massachusetts.....	3,089	1,337	388	67	1,297
Michigan.....	3,468	747	676	94	1,951
Minnesota.....	857	287	238	16	316
Mississippi.....	409	63	109	6	231
Missouri.....	1,270	302	315	41	612
Montana.....	174	53	67	1	53
Nebraska.....	532	223	52	7	250
Nevada.....	145	32	55	0	58
New Hampshire.....	145	76	5	0	64
New Jersey.....	1,356	311	352	32	661
New Mexico.....	297	60	89	0	148
New York.....	6,786	2,064	1,212	93	3,417
North Carolina.....	1,599	558	312	35	694
North Dakota.....	249	104	85	0	60
Ohio*.....	2,613	701	400	38	1,474
Oklahoma.....	985	440	11	9	525
Oregon.....	1,357	335	445	39	538
Pennsylvania.....	2,831	836	258	103	1,634
Rhode Island.....	351	96	40	1	214
South Carolina.....	508	161	98	13	236
South Dakota.....	154	48	59	3	44
Tennessee.....	772	291	227	5	249
Texas.....	5,130	2,121	1,172	47	1,790
Utah.....	840	298	226	4	312
Vermont.....	264	85	140	0	39
Virginia.....	1,164	419	119	6	620
Washington.....	1,161	227	334	5	595
West Virginia.....	275	70	28	1	176
Wisconsin.....	1,370	358	304	17	691
Wyoming.....	95	38	30	0	27

*Response rates were below 70 percent.

NOTE: Excludes outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 4.--Residence and migration of all first-time students in institutions of higher education, by State:
Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	3,041,294	3,041,294	2,572,399	0.85	0.85	468,895	468,895	0
Alabama.....	47,608	42,001	37,950	0.80	0.90	4,051	9,658	5,607
Alaska.....	2,481	5,015	2,164	0.87	0.43	2,851	317	-2,534
Arizona.....	140,686	128,616	124,850	0.89	0.97	3,766	15,836	12,070
Arkansas.....	21,791	22,319	18,454	0.85	0.83	3,865	3,337	-528
California.....	460,937	445,435	424,410	0.92	0.95	21,025	36,527	15,502
Colorado 1/.....	2,202	8,498	465	0.21	0.05	8,033	1,737	-6,296
Connecticut.....	41,998	50,115	33,974	0.81	0.68	16,141	8,024	-8,117
Delaware.....	8,803	7,640	5,330	0.61	0.70	2,310	3,473	1,163
District of Columbia.....	17,980	6,958	4,037	0.22	0.58	2,921	13,943	11,022
Florida.....	95,973	95,685	79,750	0.83	0.83	15,935	16,223	288
Georgia.....	54,018	52,785	43,679	0.81	0.83	9,106	10,339	1,233
Hawaii.....	14,850	15,644	12,963	0.87	0.83	2,681	1,887	-794
Idaho.....	12,205	10,949	7,987	0.65	0.73	2,962	4,218	1,256
Illinois.....	164,011	169,488	144,893	0.88	0.85	24,595	19,118	-5,477
Indiana.....	54,419	49,144	42,000	0.77	0.85	7,144	12,419	5,275
Iowa.....	43,162	41,858	35,360	0.82	0.84	6,498	7,802	1,304
Kansas.....	34,109	31,870	27,700	0.81	0.87	4,170	6,409	2,239
Kentucky.....	34,254	33,613	29,178	0.85	0.87	4,435	5,076	641
Louisiana.....	41,023	39,504	34,810	0.85	0.88	4,694	6,213	1,519
Maine.....	12,671	13,572	10,120	0.80	0.75	3,452	2,551	-901
Maryland.....	65,001	68,401	53,712	0.83	0.79	14,689	11,289	-3,400
Massachusetts.....	98,414	86,868	69,983	0.71	0.81	16,885	28,431	11,546
Michigan.....	132,146	133,435	122,390	0.93	0.92	11,045	9,756	-1,289
Minnesota.....	55,769	57,742	46,927	0.84	0.81	10,815	8,842	-1,973
Mississippi.....	30,814	29,898	26,845	0.87	0.90	3,053	3,969	916
Missouri.....	55,504	51,472	43,289	0.78	0.84	8,183	12,215	4,032
Montana.....	8,374	9,689	7,294	0.87	0.75	2,395	1,080	-1,315
Nebraska.....	23,512	23,780	20,347	0.87	0.86	3,433	3,165	-268
Nevada.....	8,999	10,121	7,982	0.89	0.79	2,139	1,017	-1,122
New Hampshire.....	11,068	10,608	5,995	0.54	0.57	4,613	5,073	460
New Jersey.....	69,659	98,371	62,512	0.90	0.64	35,859	7,147	-28,712
New Mexico.....	13,074	13,400	10,519	0.80	0.79	2,881	2,555	-326
New York.....	216,966	225,197	186,704	0.86	0.83	38,493	30,262	-8,231
North Carolina.....	91,606	80,044	74,579	0.81	0.93	5,465	17,027	11,562
North Dakota.....	11,446	10,732	8,715	0.76	0.81	2,017	2,731	714
Ohio.....	103,260	105,207	90,101	0.87	0.86	15,106	13,159	-1,947
Oklahoma.....	31,232	32,786	28,660	0.92	0.87	4,126	2,572	-1,554
Oregon.....	35,912	34,254	29,881	0.83	0.87	4,373	6,031	1,658
Pennsylvania.....	122,745	119,184	97,828	0.80	0.82	21,356	24,917	3,561
Rhode Island.....	16,398	11,418	7,913	0.48	0.69	3,505	8,485	4,980
South Carolina.....	37,453	35,379	30,774	0.82	0.87	4,605	6,679	2,074
South Dakota.....	8,052	8,285	6,113	0.76	0.74	2,172	1,939	-233
Tennessee.....	45,511	41,105	35,041	0.77	0.85	6,064	10,470	4,406
Texas.....	173,121	168,081	157,192	0.91	0.94	10,889	15,929	5,040
Utah.....	20,993	16,876	14,668	0.70	0.87	2,208	6,325	4,117
Vermont.....	8,637	6,062	3,858	0.45	0.64	2,204	4,779	2,575
Virginia.....	53,555	53,970	40,317	0.75	0.75	13,653	13,238	-415
Washington.....	92,905	90,461	83,068	0.89	0.92	7,393	9,837	2,444
West Virginia.....	19,998	18,403	15,676	0.78	0.85	2,727	4,322	1,595
Wisconsin.....	67,814	65,935	58,166	0.86	0.88	7,769	9,648	1,879
Wyoming.....	6,175	6,916	5,276	0.85	0.76	1,640	899	-741
State unknown 2/.....	0	46,505	0	--	--	46,505	0	-46,505

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 4a.--Residence and migration of all first-time students in 4-year and above institutions of higher education, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	1,764,961	1,764,961	1,367,128	0.77	0.77	397,833	397,833	0
Alabama.....	28,016	22,840	19,489	0.70	0.85	3,351	8,527	5,176
Alaska.....	2,298	4,397	1,981	0.86	0.45	2,416	317	-2,099
Arizona.....	23,560	16,839	13,635	0.58	0.81	3,204	9,925	6,721
Arkansas.....	16,155	16,240	13,500	0.84	0.83	2,740	2,655	-85
California.....	138,057	139,423	120,964	0.88	0.87	18,459	17,093	-1,366
Colorado 1/.....	2,126	7,414	454	0.21	0.06	6,960	1,672	-5,288
Connecticut.....	28,138	35,189	20,414	0.73	0.58	14,775	7,724	-7,051
Delaware.....	6,352	5,198	3,028	0.48	0.58	2,170	3,324	1,154
District of Columbia.....	17,980	6,614	4,037	0.22	0.61	2,577	13,943	11,366
Florida.....	49,230	51,373	37,211	0.76	0.72	14,162	12,019	-2,143
Georgia.....	41,484	40,133	32,327	0.78	0.81	7,806	9,157	1,351
Hawaii.....	7,678	8,469	6,095	0.79	0.72	2,374	1,583	-791
Idaho.....	6,101	7,123	4,642	0.76	0.65	2,481	1,459	-1,022
Illinois.....	93,593	97,445	74,914	0.80	0.77	22,531	18,679	-3,852
Indiana.....	47,280	41,200	35,050	0.74	0.85	6,150	12,230	6,080
Iowa.....	25,944	24,883	19,009	0.73	0.76	5,874	6,935	1,061
Kansas.....	21,156	19,772	16,055	0.76	0.81	3,717	5,101	1,384
Kentucky.....	26,120	25,228	21,230	0.81	0.84	3,998	4,890	892
Louisiana.....	38,338	35,989	32,156	0.84	0.89	3,833	6,182	2,349
Maine.....	10,625	11,220	8,126	0.76	0.72	3,094	2,499	-595
Maryland.....	34,568	37,875	24,028	0.70	0.63	13,847	10,540	-3,307
Massachusetts.....	74,412	64,952	48,981	0.66	0.75	15,971	25,431	9,460
Michigan.....	76,397	77,744	67,868	0.89	0.87	9,876	8,529	-1,347
Minnesota.....	36,315	38,257	28,372	0.78	0.74	9,885	7,943	-1,942
Mississippi.....	15,030	14,789	12,063	0.80	0.82	2,726	2,967	241
Missouri.....	44,882	40,553	33,315	0.74	0.82	7,238	11,567	4,329
Montana.....	7,359	8,166	6,350	0.86	0.78	1,816	1,009	-807
Nebraska.....	17,300	17,387	14,441	0.83	0.83	2,946	2,859	-87
Nevada.....	4,678	5,418	3,817	0.82	0.70	1,601	861	-740
New Hampshire.....	9,450	8,250	4,636	0.49	0.56	3,614	4,814	1,200
New Jersey.....	45,482	73,363	39,284	0.86	0.54	34,079	6,198	-27,881
New Mexico.....	8,567	8,848	6,678	0.78	0.75	2,170	1,889	-281
New York.....	157,725	164,968	128,920	0.82	0.78	36,048	28,805	-7,243
North Carolina.....	51,542	42,179	37,321	0.72	0.88	4,858	14,221	9,363
North Dakota.....	7,664	7,111	5,386	0.70	0.76	1,725	2,278	553
Ohio.....	79,382	80,136	66,649	0.84	0.83	13,487	12,733	-754
Oklahoma.....	17,996	18,935	15,723	0.87	0.83	3,212	2,273	-939
Oregon.....	21,424	20,170	16,420	0.77	0.81	3,750	5,004	1,254
Pennsylvania.....	89,349	85,390	65,755	0.74	0.77	19,635	23,594	3,959
Rhode Island.....	13,931	8,606	5,586	0.40	0.65	3,020	8,345	5,325
South Carolina.....	23,561	21,157	17,258	0.73	0.82	3,899	6,303	2,404
South Dakota.....	7,763	7,711	5,856	0.75	0.76	1,855	1,907	52
Tennessee.....	33,751	29,050	23,687	0.70	0.82	5,363	10,064	4,701
Texas.....	103,933	102,162	92,674	0.89	0.91	9,488	11,259	1,771
Utah.....	18,113	13,400	11,994	0.66	0.90	1,406	6,119	4,713
Vermont.....	7,108	4,514	2,656	0.37	0.59	1,858	4,452	2,594
Virginia.....	36,798	37,509	24,982	0.68	0.67	12,527	11,816	-711
Washington.....	27,584	28,821	22,705	0.82	0.79	6,116	4,879	-1,237
West Virginia.....	15,510	13,902	11,717	0.76	0.84	2,185	3,793	1,608
Wisconsin.....	44,831	42,728	35,872	0.80	0.84	6,856	8,959	2,103
Wyoming.....	2,325	3,144	1,817	0.78	0.58	1,327	508	-819
State unknown 2/.....	0	20,777	0	--	--	20,777	0	-20,777

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 4b.--Residence and migration of all first-time students in 2- but less than 4-year institutions of higher education, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	1,276,333	1,276,333	1,205,271	0.94	0.94	71,062	71,062	0
Alabama.....	19,592	19,161	18,461	0.94	0.96	700	1,131	431
Alaska.....	183	618	183	1.00	0.30	435	0	-435
Arizona.....	117,126	111,777	111,215	0.95	1.00	562	5,911	5,349
Arkansas.....	5,636	6,079	4,954	0.88	0.81	1,125	682	-443
California.....	322,880	306,012	303,446	0.94	0.99	2,566	19,434	16,868
Colorado 1/.....	76	1,084	11	0.14	0.01	1,073	65	-1,008
Connecticut.....	13,860	14,926	13,560	0.98	0.91	1,366	300	-1,066
Delaware.....	2,451	2,442	2,302	0.94	0.94	140	149	9
District of Columbia.....	0	344	0	--	--	344	0	-344
Florida.....	46,743	44,312	42,539	0.91	0.96	1,773	4,204	2,431
Georgia.....	12,534	12,652	11,352	0.91	0.90	1,300	1,182	-118
Hawaii.....	7,172	7,175	6,868	0.96	0.96	307	304	-3
Idaho.....	6,104	3,826	3,345	0.55	0.87	481	2,759	2,278
Illinois.....	70,418	72,043	69,979	0.99	0.97	2,064	439	-1,625
Indiana.....	7,139	7,944	6,950	0.97	0.87	994	189	-805
Iowa.....	17,218	16,975	16,351	0.95	0.96	624	867	243
Kansas.....	12,953	12,098	11,645	0.90	0.96	453	1,308	855
Kentucky.....	8,134	8,385	7,948	0.98	0.95	437	186	-251
Louisiana.....	2,685	3,515	2,654	0.99	0.76	861	31	-830
Maine.....	2,046	2,352	1,994	0.97	0.85	358	52	-306
Maryland.....	30,433	30,526	29,684	0.98	0.97	842	749	-93
Massachusetts.....	24,002	21,916	21,002	0.88	0.96	914	3,000	2,086
Michigan.....	55,749	55,691	54,522	0.98	0.98	1,169	1,227	58
Minnesota.....	19,454	19,485	18,555	0.95	0.95	930	899	-31
Mississippi.....	15,784	15,109	14,782	0.94	0.98	327	1,002	675
Missouri.....	10,622	10,919	9,974	0.94	0.91	945	648	-297
Montana.....	1,015	1,523	944	0.93	0.62	579	71	-508
Nebraska.....	6,212	6,393	5,906	0.95	0.92	487	306	-181
Nevada.....	4,321	4,703	4,165	0.96	0.89	538	156	-382
New Hampshire.....	1,618	2,358	1,359	0.84	0.58	999	259	-740
New Jersey.....	24,177	25,008	23,228	0.96	0.93	1,780	949	-831
New Mexico.....	4,507	4,552	3,841	0.85	0.84	711	666	-45
New York.....	59,241	60,229	57,784	0.98	0.96	2,445	1,457	-988
North Carolina.....	40,064	37,865	37,258	0.93	0.98	607	2,806	2,199
North Dakota.....	3,782	3,621	3,329	0.88	0.92	292	453	161
Ohio.....	23,878	25,071	23,452	0.98	0.94	1,619	426	-1,193
Oklahoma.....	13,236	13,851	12,937	0.98	0.93	914	299	-615
Oregon.....	14,488	14,084	13,461	0.93	0.96	623	1,027	404
Pennsylvania.....	33,396	33,794	32,073	0.96	0.95	1,721	1,323	-398
Rhode Island.....	2,467	2,812	2,327	0.94	0.83	485	140	-345
South Carolina.....	13,892	14,222	13,516	0.97	0.95	706	376	-330
South Dakota.....	289	574	257	0.89	0.45	317	32	-285
Tennessee.....	11,760	12,055	11,354	0.97	0.94	701	406	-295
Texas.....	69,188	65,919	64,518	0.93	0.98	1,401	4,670	3,269
Utah.....	2,880	3,476	2,674	0.93	0.77	802	206	-596
Vermont.....	1,529	1,548	1,202	0.79	0.78	346	327	-19
Virginia.....	16,757	16,461	15,335	0.92	0.93	1,126	1,422	296
Washington.....	65,321	61,640	60,363	0.92	0.98	1,277	4,958	3,681
West Virginia.....	4,488	4,501	3,959	0.88	0.88	542	529	-13
Wisconsin.....	22,983	23,207	22,294	0.97	0.96	913	689	-224
Wyoming.....	3,850	3,772	3,459	0.90	0.92	313	391	78
State unknown 2/.....	0	25,728	0	--	--	25,728	0	-25,728

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 5.--Residence and migration of first-time freshmen in institutions of higher education, by State:
Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	1,959,899	1,959,899	1,672,222	0.85	0.85	287,677	287,677	0
Alabama.....	33,279	29,539	27,279	0.82	0.92	2,260	6,000	3,740
Alaska.....	1,349	2,835	1,212	0.90	0.43	1,623	137	-1,486
Arizona.....	61,922	55,925	53,896	0.87	0.96	2,029	8,026	5,997
Arkansas.....	14,090	14,631	12,195	0.87	0.83	2,436	1,895	-541
California.....	262,214	255,057	244,471	0.93	0.96	10,586	17,743	7,157
Colorado 1/.....	1,918	5,362	268	0.14	0.05	5,094	1,650	-3,444
Connecticut.....	29,426	35,666	23,669	0.80	0.66	11,997	5,757	-6,240
Delaware.....	7,305	5,837	4,386	0.60	0.75	1,451	2,919	1,468
District of Columbia.....	9,288	4,571	2,875	0.31	0.63	1,696	6,413	4,717
Florida.....	60,421	59,927	50,079	0.83	0.84	9,848	10,342	494
Georgia.....	32,996	33,513	27,132	0.82	0.81	6,381	5,864	-517
Hawaii.....	8,594	9,140	7,518	0.87	0.82	1,622	1,076	-546
Idaho.....	8,963	7,350	5,707	0.64	0.78	1,643	3,256	1,613
Illinois.....	102,374	112,324	95,882	0.94	0.85	16,442	6,492	-9,950
Indiana.....	40,866	36,648	32,373	0.79	0.88	4,275	8,493	4,218
Iowa.....	30,150	28,999	25,345	0.84	0.87	3,654	4,805	1,151
Kansas.....	22,564	20,619	18,713	0.83	0.91	1,906	3,851	1,945
Kentucky.....	23,431	22,948	20,365	0.87	0.89	2,583	3,066	483
Louisiana.....	28,249	27,112	24,280	0.86	0.90	2,832	3,969	1,137
Maine.....	8,486	8,919	6,446	0.76	0.72	2,473	2,040	-433
Maryland.....	40,203	43,790	34,331	0.85	0.78	9,459	5,872	-3,587
Massachusetts.....	67,950	59,774	47,918	0.71	0.80	11,856	20,032	8,176
Michigan.....	88,748	89,395	83,072	0.94	0.93	6,323	5,676	-647
Minnesota.....	39,094	40,232	33,370	0.85	0.83	6,862	5,724	-1,138
Mississippi.....	22,090	20,770	19,318	0.87	0.93	1,452	2,772	1,320
Missouri.....	34,508	33,086	28,270	0.82	0.85	4,816	6,238	1,422
Montana.....	5,580	6,585	5,081	0.91	0.77	1,504	499	-1,005
Nebraska.....	14,921	15,048	13,000	0.87	0.86	2,048	1,921	-127
Nevada.....	6,312	7,226	5,915	0.94	0.82	1,311	397	-914
New Hampshire.....	7,896	7,248	3,907	0.49	0.54	3,341	3,989	648
New Jersey.....	41,997	63,944	38,631	0.92	0.60	25,313	3,366	-21,947
New Mexico.....	8,511	8,980	7,281	0.86	0.81	1,699	1,230	-469
New York.....	134,979	141,584	116,513	0.86	0.82	25,071	18,466	-6,605
North Carolina.....	65,890	57,450	54,509	0.83	0.95	2,941	11,381	8,440
North Dakota.....	7,991	7,180	6,138	0.77	0.85	1,042	1,853	811
Ohio.....	71,716	72,289	62,631	0.87	0.87	9,658	9,085	-573
Oklahoma.....	27,278	27,597	25,346	0.93	0.92	2,251	1,932	-319
Oregon.....	22,753	21,930	19,332	0.85	0.88	2,598	3,421	823
Pennsylvania.....	85,421	81,738	67,908	0.80	0.83	13,830	17,513	3,683
Rhode Island.....	12,224	7,740	5,362	0.44	0.69	2,378	6,862	4,484
South Carolina.....	27,499	25,744	22,866	0.83	0.89	2,878	4,633	1,755
South Dakota.....	5,858	5,813	4,479	0.76	0.77	1,334	1,379	45
Tennessee.....	29,844	27,023	23,129	0.78	0.86	3,894	6,715	2,821
Texas.....	105,220	102,672	96,522	0.92	0.94	6,150	8,698	2,548
Utah.....	14,214	11,109	9,984	0.70	0.90	1,125	4,230	3,105
Vermont.....	6,752	4,331	2,846	0.42	0.66	1,485	3,906	2,421
Virginia.....	38,109	36,893	28,767	0.75	0.78	8,126	9,342	1,216
Washington.....	68,086	65,866	61,656	0.91	0.94	4,210	6,430	2,220
West Virginia.....	13,935	12,705	11,014	0.79	0.87	1,691	2,921	1,230
Wisconsin.....	51,923	49,814	45,140	0.87	0.91	4,674	6,783	2,109
Wyoming.....	4,512	4,846	3,895	0.86	0.80	951	617	-334
State unknown 2/.....	0	22,575	0	--	--	22,575	0	-22,575

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 5a.--Residence and migration of first-time freshmen in 4-year and above institutions of higher education, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	1,012,439	1,012,439	774,688	0.77	0.77	237,751	237,751	0
Alabama.....	16,419	13,124	11,324	0.69	0.86	1,800	5,095	3,295
Alaska.....	1,166	2,355	1,029	0.88	0.44	1,326	137	-1,189
Arizona.....	10,776	7,719	6,060	0.56	0.79	1,659	4,716	3,057
Arkansas.....	9,971	9,835	8,367	0.84	0.85	1,468	1,604	136
California.....	61,236	64,158	55,089	0.90	0.86	9,069	6,147	-2,922
Colorado 1/.....	1,877	4,597	263	0.14	0.06	4,334	1,614	-2,720
Connecticut.....	16,269	21,611	10,790	0.66	0.50	10,821	5,479	-5,342
Delaware.....	5,066	3,628	2,283	0.45	0.63	1,345	2,783	1,438
District of Columbia.....	9,288	4,288	2,875	0.31	0.67	1,413	6,413	5,000
Florida.....	23,908	24,675	16,086	0.67	0.65	8,589	7,822	-767
Georgia.....	23,455	23,669	18,245	0.78	0.77	5,424	5,210	-214
Hawaii.....	4,103	4,586	3,172	0.77	0.69	1,414	931	-483
Idaho.....	3,535	3,949	2,669	0.76	0.68	1,280	866	-414
Illinois.....	43,424	52,328	37,281	0.86	0.71	15,047	6,143	-8,904
Indiana.....	34,156	29,334	25,826	0.76	0.88	3,508	8,330	4,822
Iowa.....	15,097	14,278	11,029	0.73	0.77	3,249	4,068	819
Kansas.....	11,720	10,598	8,967	0.77	0.85	1,631	2,753	1,122
Kentucky.....	16,961	16,300	14,028	0.83	0.86	2,272	2,933	661
Louisiana.....	26,432	24,658	22,479	0.85	0.91	2,179	3,953	1,774
Maine.....	6,838	7,008	4,835	0.71	0.69	2,173	2,003	-170
Maryland.....	15,853	19,419	10,581	0.67	0.54	8,838	5,272	-3,566
Massachusetts.....	46,527	40,442	29,264	0.63	0.72	11,178	17,263	6,085
Michigan.....	41,703	42,728	37,166	0.89	0.87	5,562	4,537	-1,025
Minnesota.....	22,348	23,583	17,386	0.78	0.74	6,197	4,962	-1,235
Mississippi.....	8,160	7,515	6,257	0.77	0.83	1,258	1,903	645
Missouri.....	25,504	23,903	19,738	0.77	0.83	4,165	5,766	1,601
Montana.....	4,790	5,386	4,315	0.90	0.80	1,071	475	-596
Nebraska.....	9,949	10,043	8,298	0.83	0.83	1,745	1,651	-94
Nevada.....	2,788	3,381	2,453	0.88	0.73	928	335	-593
New Hampshire.....	6,687	5,341	2,901	0.43	0.54	2,440	3,786	1,346
New Jersey.....	21,488	42,896	19,022	0.89	0.44	23,874	2,466	-21,408
New Mexico.....	5,485	5,804	4,665	0.85	0.80	1,139	820	-319
New York.....	84,379	90,452	67,086	0.80	0.74	23,366	17,293	-6,073
North Carolina.....	33,192	26,161	23,636	0.71	0.90	2,525	9,556	7,031
North Dakota.....	4,856	4,166	3,334	0.69	0.80	832	1,522	690
Ohio.....	52,351	52,283	43,613	0.83	0.83	8,670	8,738	68
Oklahoma.....	14,042	14,102	12,409	0.88	0.88	1,693	1,633	-60
Oregon.....	10,186	9,745	7,561	0.74	0.78	2,184	2,625	441
Pennsylvania.....	55,857	52,086	39,523	0.71	0.76	12,563	16,334	3,771
Rhode Island.....	10,145	5,348	3,396	0.33	0.64	1,952	6,749	4,797
South Carolina.....	15,435	13,477	11,096	0.72	0.82	2,381	4,339	1,958
South Dakota.....	5,658	5,389	4,294	0.76	0.80	1,095	1,364	269
Tennessee.....	21,576	18,554	15,151	0.70	0.82	3,403	6,425	3,022
Texas.....	55,056	54,599	49,336	0.90	0.90	5,263	5,720	457
Utah.....	11,334	7,846	7,310	0.65	0.93	536	4,024	3,488
Vermont.....	5,342	2,954	1,730	0.32	0.59	1,224	3,612	2,388
Virginia.....	24,077	23,174	15,871	0.66	0.68	7,303	8,206	903
Washington.....	13,953	14,814	11,588	0.83	0.78	3,226	2,365	-861
West Virginia.....	10,495	9,169	7,887	0.75	0.86	1,282	2,608	1,326
Wisconsin.....	30,145	28,078	24,039	0.80	0.86	4,039	6,106	2,067
Wyoming.....	1,381	1,807	1,085	0.79	0.60	722	296	-426
State unknown 2/.....	0	5,096	0	--	--	5,096	0	-5,096

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 5b.--Residence and migration of first-time freshmen in 2- but less than 4-year institutions of higher education, by State: Fall 1986

State	Students enrolled in State	Residents of State		Ratio of students enrolled in home State to:		Migration of students		
		Enrolled in any State	Enrolled in home State	Total students enrolled in the State	Residents of State enrolled in any State	Out of	Into	Net
50 States and D.C.....	947,460	947,460	897,534	0.95	0.95	49,926	49,926	0
Alabama.....	16,860	16,415	15,955	0.95	0.97	460	905	445
Alaska.....	183	480	183	1.00	0.38	297	0	-297
Arizona.....	51,146	48,206	47,836	0.94	0.99	370	3,310	2,940
Arkansas.....	4,119	4,796	3,828	0.93	0.80	968	291	-677
California.....	200,978	190,899	189,382	0.94	0.99	1,517	11,596	10,079
Colorado 1/.....	41	765	5	0.12	0.01	760	36	-724
Connecticut.....	13,157	14,055	12,879	0.98	0.92	1,176	278	-898
Delaware.....	2,239	2,209	2,103	0.94	0.95	106	136	30
District of Columbia.....	0	283	0	--	--	283	0	-283
Florida.....	36,513	35,252	33,993	0.93	0.96	1,259	2,520	1,261
Georgia.....	9,541	9,844	8,887	0.93	0.90	957	654	-303
Hawaii.....	4,491	4,554	4,346	0.97	0.95	208	145	-63
Idaho.....	5,428	3,401	3,038	0.56	0.89	363	2,390	2,027
Illinois.....	58,950	59,996	58,601	0.99	0.98	1,395	349	-1,046
Indiana.....	6,710	7,314	6,547	0.98	0.90	767	163	-604
Iowa.....	15,053	14,721	14,316	0.95	0.97	405	737	332
Kansas.....	10,844	10,021	9,746	0.90	0.97	275	1,098	823
Kentucky.....	6,470	6,648	6,337	0.98	0.95	311	133	-178
Louisiana.....	1,817	2,454	1,801	0.99	0.73	653	16	-637
Maine.....	1,648	1,911	1,611	0.98	0.84	300	37	-263
Maryland.....	24,350	24,371	23,750	0.98	0.97	621	600	-21
Massachusetts.....	21,423	19,332	18,654	0.87	0.96	678	2,769	2,091
Michigan.....	47,045	46,667	45,906	0.98	0.98	761	1,139	378
Minnesota.....	16,746	16,649	15,984	0.95	0.96	665	762	97
Mississippi.....	13,930	13,255	13,061	0.94	0.99	194	869	675
Missouri.....	9,004	9,183	8,532	0.95	0.93	651	472	-179
Montana.....	790	1,199	766	0.97	0.64	433	24	-409
Nebraska.....	4,972	5,005	4,702	0.95	0.94	303	270	-33
Nevada.....	3,524	3,845	3,462	0.98	0.90	383	62	-321
New Hampshire.....	1,209	1,907	1,006	0.83	0.53	901	203	-698
New Jersey.....	20,509	21,048	19,609	0.96	0.93	1,439	900	-539
New Mexico.....	3,026	3,176	2,616	0.86	0.82	560	410	-150
New York.....	50,600	51,132	49,427	0.98	0.97	1,705	1,173	-532
North Carolina.....	32,698	31,289	30,873	0.94	0.99	416	1,825	1,409
North Dakota.....	3,135	3,014	2,804	0.89	0.93	210	331	121
Ohio.....	19,365	20,006	19,018	0.98	0.95	988	347	-641
Oklahoma.....	13,236	13,495	12,937	0.98	0.96	558	299	-259
Oregon.....	12,567	12,185	11,771	0.94	0.97	414	796	382
Pennsylvania.....	29,564	29,652	28,385	0.96	0.96	1,267	1,179	-88
Rhode Island.....	2,079	2,392	1,966	0.95	0.82	426	113	-313
South Carolina.....	12,064	12,267	11,770	0.98	0.96	497	294	-203
South Dakota.....	200	424	185	0.93	0.44	239	15	-224
Tennessee.....	8,268	8,469	7,978	0.96	0.94	491	290	-201
Texas.....	50,164	48,073	47,186	0.94	0.98	887	2,978	2,091
Utah.....	2,880	3,263	2,674	0.93	0.82	589	206	-383
Vermont.....	1,410	1,377	1,116	0.79	0.81	261	294	33
Virginia.....	14,032	13,719	12,896	0.92	0.94	823	1,136	313
Washington.....	54,133	51,052	50,068	0.92	0.98	984	4,065	3,081
West Virginia.....	3,440	3,536	3,127	0.91	0.88	409	313	-96
Wisconsin.....	21,778	21,736	21,101	0.97	0.97	635	677	42
Wyoming.....	3,131	3,039	2,810	0.90	0.92	229	321	92
State unknown 2/.....	0	17,479	0	--	--	17,479	0	-17,479

--Not applicable.

1/ Response rates were below 70 percent.

2/ Students are reported in "State unknown" when an institution is unable to determine where a student's home state is.

NOTE: Excludes foreign students and outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 6.--Students from foreign countries enrolled in institutions of higher education, by level of enrollment and State of attendance: Fall 1986

State	All foreign students enrolled	Foreign students, by level			
		First-time freshmen	Under-graduate transfer students	First-professional students	Graduate students
50 States and D.C.....	79,959	27,575	19,786	1,204	31,394
Alabama.....	657	249	163	5	240
Alaska.....	42	22	7	0	13
Arizona.....	1,605	775	408	4	418
Arkansas.....	428	168	171	0	89
California.....	17,580	7,094	6,476	191	3,819
Colorado*.....	46	35	6	2	3
Connecticut.....	1,063	254	101	12	696
Delaware.....	156	55	19	0	82
District of Columbia.....	2,332	933	506	46	847
Florida.....	4,317	2,019	1,615	28	655
Georgia.....	1,283	382	240	42	619
Hawaii.....	717	418	205	0	94
Idaho.....	247	161	48	0	38
Illinois.....	2,881	598	552	87	1,644
Indiana.....	1,631	446	305	22	858
Iowa.....	1,296	367	369	38	522
Kansas.....	854	254	192	4	404
Kentucky.....	388	149	74	9	156
Louisiana.....	1,034	307	312	20	395
Maine.....	120	55	20	2	43
Maryland.....	1,571	374	254	13	930
Massachusetts.....	3,069	1,320	385	67	1,297
Michigan.....	3,462	742	675	94	1,951
Minnesota.....	845	278	236	15	316
Mississippi.....	409	63	109	6	231
Missouri.....	1,254	291	310	41	612
Montana.....	174	53	67	1	53
Nebraska.....	532	223	52	7	250
Nevada.....	145	32	55	0	58
New Hampshire.....	145	76	5	0	64
New Jersey.....	1,353	309	351	32	661
New Mexico.....	295	58	89	0	148
New York.....	6,588	2,016	1,200	92	3,280
North Carolina.....	1,597	556	312	35	694
North Dakota.....	249	104	85	0	60
Ohio.....	2,607	701	400	38	1,468
Oklahoma.....	985	440	11	9	525
Oregon.....	1,357	335	445	39	538
Pennsylvania.....	2,826	835	256	101	1,634
Rhode Island.....	337	83	39	1	214
South Carolina.....	508	161	98	13	236
South Dakota.....	152	48	59	3	42
Tennessee.....	760	288	218	5	249
Texas.....	4,910	1,967	1,107	47	1,789
Utah.....	840	298	226	4	312
Vermont.....	264	85	140	0	39
Virginia.....	1,161	418	117	6	620
Washington.....	1,160	226	334	5	595
West Virginia.....	274	69	28	1	176
Wisconsin.....	1,358	347	304	17	690
Wyoming.....	95	38	30	0	27

*Response rates were below 70 percent.

NOTE: Excludes outlying areas.

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 7.--Residence survey response rates, by State and outlying areas, and accreditation (HEGIS) status: Fall 1986

United States and Outlying areas	All institutions				HEGIS schools				Non-HEGIS schools			
	Total	Respondents	Non-respondents	Percent responding	Total	Respondents	Non-respondents	Percent responding	Total	Respondents	Non-respondents	Percent responding
Total.....	4,728	3,419	1,309	72.3	3,217	2,781	436	86.4	1,511	638	873	42.2
Alabama.....	98	81	17	82.7	73	70	3	95.9	25	11	14	44.0
Alaska.....	28	22	6	78.6	15	15	0	100.0	13	7	6	53.8
Arizona.....	39	29	10	74.4	29	24	5	82.8	10	5	5	50.0
Arkansas.....	40	33	7	82.5	32	30	2	93.8	8	3	5	37.5
California.....	524	280	244	53.4	285	231	54	81.1	239	49	190	20.5
Colorado.....	67	14	53	20.9	44	8	36	18.2	23	6	17	26.1
Connecticut.....	69	57	12	82.6	49	47	2	95.9	20	10	10	50.0
Delaware.....	12	9	3	75.0	9	8	1	88.9	3	1	2	33.3
District of Columbia	21	18	3	85.7	18	17	1	94.4	3	1	2	33.3
Florida.....	154	95	59	61.7	77	69	8	89.6	77	26	51	33.8
Georgia.....	108	77	31	71.3	71	62	9	87.3	37	15	22	40.5
Hawaii.....	19	13	6	68.4	13	12	1	92.3	6	1	5	16.7
Idaho.....	12	11	1	91.7	10	9	1	90.0	2	2	0	100.0
Illinois.....	236	192	44	81.4	155	154	1	99.4	81	38	43	46.9
Indiana.....	102	72	30	70.6	70	58	12	82.9	32	14	18	43.8
Iowa.....	83	48	35	57.8	59	46	13	78.0	24	2	22	8.3
Kansas.....	73	54	19	74.0	53	43	10	81.1	20	11	9	55.0
Kentucky.....	58	39	19	67.2	47	33	14	70.2	11	6	5	54.5
Louisiana.....	71	54	17	76.1	30	30	0	100.0	41	24	17	58.5
Maine.....	37	31	6	83.8	27	27	0	100.0	10	4	6	40.0
Maryland.....	68	60	8	88.2	56	53	3	94.6	12	7	5	58.3
Massachusetts.....	168	128	40	76.2	120	107	13	89.2	48	21	27	43.8
Michigan.....	142	105	37	73.9	91	85	6	93.4	51	20	31	39.2
Minnesota.....	116	91	25	78.4	68	60	8	88.2	48	31	17	64.6
Mississippi.....	54	50	4	92.6	40	39	1	97.5	14	11	3	78.6
Missouri.....	119	93	26	78.2	85	77	8	90.6	34	16	18	47.1
Montana.....	28	22	6	78.6	16	14	2	87.5	12	8	4	66.7
Nebraska.....	48	43	5	89.6	33	33	0	100.0	15	10	5	66.7
Nevada.....	13	8	5	61.5	9	7	2	77.8	4	1	3	25.0
New Hampshire.....	34	22	12	64.7	26	19	7	73.1	8	3	5	37.5
New Jersey.....	99	79	20	79.8	59	52	7	88.1	40	27	13	67.5
New Mexico.....	32	26	6	81.3	20	19	1	95.0	12	7	5	58.3
New York.....	377	248	129	65.8	280	199	81	71.1	97	49	48	50.5
North Carolina.....	131	126	5	96.2	117	116	1	99.1	14	10	4	71.4
North Dakota.....	28	28	0	100.0	19	19	0	100.0	9	9	0	100.0
Ohio.....	210	134	76	63.8	128	103	25	80.5	82	31	51	37.8
Oklahoma.....	48	43	5	89.6	43	42	1	97.7	5	1	4	20.0
Oregon.....	50	45	5	90.0	44	44	0	100.0	6	1	5	16.7
Pennsylvania.....	285	205	80	71.9	187	165	22	88.2	98	40	58	40.8
Rhode Island.....	15	14	1	93.3	12	12	0	100.0	3	2	1	66.7
South Carolina.....	67	62	5	92.5	57	56	1	98.2	10	6	4	60.0
South Dakota.....	31	24	7	77.4	18	16	2	88.9	13	8	5	61.5
Tennessee.....	100	82	18	82.0	74	67	7	90.5	26	15	11	57.7
Texas.....	195	147	48	75.4	155	135	20	87.1	40	12	28	30.0
Utah.....	19	11	8	57.9	11	8	3	72.7	8	3	5	37.5
Vermont.....	24	23	1	95.8	22	21	1	95.5	2	2	0	100.0
Virginia.....	102	63	39	61.8	72	50	22	69.4	30	13	17	43.3
Washington.....	69	55	14	79.7	51	48	3	94.1	18	7	11	38.9
West Virginia.....	38	32	6	84.2	27	25	2	92.6	11	7	4	63.6
Wisconsin.....	90	60	30	66.7	59	49	10	83.1	31	11	20	35.5
Wyoming.....	11	10	1	90.9	8	8	0	100.0	3	2	1	66.7
American Samoa.....	1	0	1	0.0	1	0	1	0.0	0	0	0	0.0
No. Marianas.....	2	1	1	50.0	2	1	1	50.0	0	0	0	0.0
Guam.....	2	2	0	100.0	2	2	0	100.0	0	0	0	0.0
Puerto Rico.....	1	1	0	100.0	1	1	0	100.0	0	0	0	0.0
Trust Territories...	58	46	12	79.3	37	35	2	94.6	21	11	10	52.4
Virgin Islands.....	2	1	1	50.0	1	1	0	100.0	1	0	1	0.0

SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students survey, 1986.

Table 8.--Residence survey response rates, weighted by first-time freshmen enrollment, by State and outlying areas, and accreditation (HEGIS) status: Fall 1986

United States and Outlying areas	All institutions			HEGIS institutions			Non-HEGIS institutions		
	First-time freshmen		Percent responding	First-time freshmen		Percent responding	First-time freshmen		Percent responding
	All institutions	Responding institutions		All institutions	Responding institutions		All institutions	Responding institutions	
Total.....	2,369,459	2,029,394	85.6	2,140,896	1,963,987	91.7	228,563	65,407	28.6
Alabama.....	39,319	34,704	88.3	35,761	33,818	94.6	3,558	886	24.9
Alaska.....	1,452	1,403	96.6	1,384	1,384	100.0	68	19	27.9
Arizona.....	57,476	51,515	89.6	54,424	51,449	94.5	3,052	66	2.2
Arkansas.....	17,536	14,605	83.3	16,189	14,585	90.1	1,347	20	1.5
California.....	291,550	263,915	90.5	269,705	259,726	96.3	21,845	4,189	19.2
Colorado.....	30,782	2,489	8.1	26,780	1,831	6.8	4,002	658	16.4
Connecticut.....	31,070	30,345	97.7	30,279	30,272	100.0	791	73	9.2
Delaware.....	7,654	7,238	94.6	7,464	7,223	96.8	190	15	7.9
District of Columbia..	10,659	10,385	97.4	10,370	10,370	100.0	289	15	5.2
Florida.....	80,815	67,315	83.3	66,672	61,710	92.6	14,143	5,605	39.6
Georgia.....	45,348	36,963	81.5	36,142	33,450	92.6	9,206	3,513	38.2
Hawaii.....	9,402	8,551	90.9	8,733	8,432	96.6	669	119	17.8
Idaho.....	9,864	9,676	98.1	9,740	9,562	98.2	124	114	91.9
Illinois.....	108,226	106,079	98.0	104,931	104,931	100.0	3,295	1,148	34.8
Indiana.....	49,222	42,056	85.4	45,583	41,587	91.2	3,639	469	12.9
Iowa.....	36,482	29,962	82.1	34,468	29,962	86.9	2,014	0	0.0
Kansas.....	33,520	25,437	75.9	26,660	22,843	85.7	6,860	2,594	37.8
Kentucky.....	27,521	23,768	86.4	23,687	23,609	99.7	3,834	159	4.1
Louisiana.....	36,840	33,997	92.3	28,923	28,923	100.0	7,917	5,074	64.1
Maine.....	9,381	8,979	95.7	8,948	8,948	100.0	433	31	7.2
Maryland.....	33,075	32,502	98.3	32,642	32,464	99.5	433	38	8.8
Massachusetts.....	82,569	72,838	88.2	79,100	72,209	91.3	3,469	629	18.1
Michigan.....	99,573	88,887	89.3	97,203	88,093	90.6	2,370	794	33.5
Minnesota.....	55,586	48,165	86.7	44,055	40,388	91.7	11,531	7,777	67.4
Mississippi.....	25,912	24,808	95.7	22,763	22,584	99.2	3,149	2,224	70.6
Missouri.....	37,469	35,505	94.8	35,622	34,873	97.9	1,847	632	34.2
Montana.....	6,405	5,447	85.0	5,520	5,425	98.3	885	22	2.5
Nebraska.....	19,304	18,643	96.6	14,316	14,316	100.0	4,988	4,327	86.7
Nevada.....	6,192	5,664	91.5	5,955	5,599	94.0	237	65	27.4
New Hampshire.....	11,064	7,913	71.5	9,439	7,875	83.4	1,625	38	2.3
New Jersey.....	47,087	41,586	88.3	44,655	41,165	92.2	2,432	421	17.3
New Mexico.....	8,728	8,657	99.2	8,260	8,223	99.6	468	434	92.7
New York.....	173,035	123,030	71.1	156,733	120,960	77.2	16,302	2,070	12.7
North Carolina.....	68,405	66,593	97.4	66,416	66,408	100.0	1,989	185	9.3
North Dakota.....	8,044	8,044	100.0	8,017	8,017	100.0	27	27	100.0
Ohio.....	110,445	71,017	64.3	86,511	70,453	81.4	23,934	564	2.4
Oklahoma.....	30,370	27,720	91.3	27,889	27,720	99.4	2,481	0	0.0
Oregon.....	25,521	25,036	98.1	25,036	25,036	100.0	485	0	0.0
Pennsylvania.....	110,262	88,687	80.4	97,263	87,865	90.3	12,999	822	6.3
Rhode Island.....	12,896	12,737	98.8	12,572	12,572	100.0	324	165	50.9
South Carolina.....	29,121	28,157	96.7	28,052	27,968	99.7	1,069	189	17.7
South Dakota.....	6,210	5,995	96.5	5,769	5,592	96.9	441	403	91.4
Tennessee.....	41,064	31,567	76.9	31,095	30,462	98.0	9,969	1,105	11.1
Texas.....	128,273	111,032	86.6	117,782	105,548	89.6	10,491	5,484	52.3
Utah.....	12,981	11,647	89.7	12,265	11,627	94.8	716	20	2.8
Vermont.....	7,010	6,841	97.6	6,908	6,841	99.0	102	0	0.0
Virginia.....	47,772	38,711	81.0	45,943	38,393	83.6	1,829	318	17.4
Washington.....	80,859	74,574	92.2	68,199	68,014	99.7	12,660	6,560	51.8
West Virginia.....	14,583	12,732	87.3	13,384	12,370	92.4	1,199	362	30.2
Wisconsin.....	52,845	48,853	92.4	48,981	46,057	94.0	3,864	2,796	72.4
Wyoming.....	5,204	4,569	87.8	4,553	4,553	100.0	651	16	2.5
American Samoa.....	270	0	0.0	270	0	0.0	0	0	0.0
No. Marianas.....	138	138	100.0	138	138	100.0	0	0	0.0
Guam.....	520	520	100.0	520	520	100.0	0	0	0.0
Puerto Rico.....	36,076	30,890	85.6	29,755	28,737	96.6	6,321	2,153	34.1
Trust Territories.....	214	49	22.9	214	49	22.9	0	0	0.0
Virgin Islands.....	258	258	100.0	258	258	100.0	0	0	0.0

NOTE: First-time freshmen data from 1986 Fall Enrollment survey includes imputed data for nonresponding institutions.
 SOURCE: U.S. Department of Education, Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS), Residence of First-Time Students, 1986 and Fall Enrollment, 1986 surveys.